

**z/OS
JES3
Data Areas
Volume 1**

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z/OS



JES3 Data Areas Volume 1

z/OS



JES3 Data Areas Volume 1

Note

Before using this information and the product it supports, be sure to read the general information under "Notices" on page 1201.

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This edition applies to Version 2 Release 1 of z/OS (5650-ZOS) and to all subsequent releases and modifications until otherwise indicated in new editions.

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About this information

This information is a graphic presentation of many data areas used by the z/OS operating system and by application programs. The data areas are one or more of the following:

- Programming interfaces
- Needed for debugging or diagnosis.

This information supports z/OS (5650-ZOS).

Who should use this information

This information is for system programmers who diagnose and debug operating system and programming problems. It provides information for debugging installation-provided programs or diagnosing IBM-provided programs. The user of this information should have a working knowledge of the functions and logic of the operating system.

How to use this information

Data areas are sequenced alphanumerically by data area acronym. Each data area has up to four sections:

- Programming Interface Information
- Header
- Data area map
- Cross-reference, if the data area map is long enough

The header

The header includes some or all of the following:

Common Name:	The descriptive name of the data area.
Macro ID:	The name of the mapping macro for the data area. Mapping macros can be issued in programs to generate a copy of the data area.
DSECT Name:	Name of the DSECT (dummy control section) created by the mapping macro.
Owning Component:	Component name and component identifier in parentheses.
Eye-Catcher ID:	Character string identifier of the eye-catcher (sometimes called the control block id) within the mapping macro. The offset and length of the eye-catcher are also included.
Storage Attributes:	The storage attributes of the data area, including the following: <ul style="list-style-type: none">Main Storage: Central storage attributes of the data area.Virtual Storage: Virtual storage attributes of the data area.Auxiliary Storage: Spool storage attributes of the data area.Subpool and Key: Subpool is the area of virtual storage that contains the data area. Key is the storage protect key for the storage represented by the data area.
Size:	The size of the data area in decimal bytes.
Created by:	Module, macro, or component whose use creates the data area.
Pointed to by:	Registers or data area fields that contain the address of the data area.
Serialization:	Method used to ensure that one user does not update a data area that is being updated or used by another user. The most common methods used for serialization are: <ul style="list-style-type: none">• Lock or locks• ENQ and DEQ macros• Compare and Swap (CS) instruction

- Disablement, which is disabling interruptions by setting bits in the program status word (PSW) of the program using the data area

Function:

Brief description of the use of the data area.

Data area map

The data area is described field by field. These field descriptions are taken directly from the system code.

The following is an example of the field descriptions for the ANYAREA data area:

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	384	ANYAREA	
0	(0)	CHARACTER		ANYBEGIN	BEGINNING OF ANYAREA
0	(0)	CHARACTER	4	ANYACRO	ACRONYM IN EBCDIC 'ANY '
4	(4)	ADDRESS	4	ANYADDR	ADDRESS OF NEXT ANYAREA ON QUEUE

For each field in the data area, the data area map provides the following information:

Offsets The address of the field, shown in both decimal (DEC) and hexadecimal (HEX in parentheses), relative to the beginning of the data area.

Type The kind of program data defined for this field, as follows:

Type	Description
ADDRESS	Address constant
BITSTRING	Bitstring constant
CHARACTER	Character value
DBL WORD	Double word boundary
FIXED	Arithmetic signed or unsigned value
HEX	Hexadecimal value
SIGNED	Arithmetic signed value
STRUCTURE	Level 1 control block name
UNSIGNED	Unsigned value

Len Size of the field in decimal bytes.

Name (Dim) The name of the field, bit, or mask.

Bit or mask names are preceded by a description of bit position and value, as follows:

1...	Refers to bit 0.
.... ..11	Refers to bits 6 and 7.
...1	Refers to bit 3.
11.. 1111	Refers to bits 0, 1, 4, 5, 6, and 7.

Description A description of the purpose or meaning of the field, bit, or mask.

Cross reference

For each data area with more than 10 fields, the cross reference shows the following:

Name	The name of the field, bit, or mask.
Hex Offset	The hexadecimal offset of the field into the data area. For bits, the hexadecimal offset of the field containing the bit.
Hex Value	Values are shown only for bits, equates, and initialized character strings. For bits, the hexadecimal value shown implies the position of the bit in the field containing the bit.

Bit ANYBIT in the following illustration shows how to use the hexadecimal value. In the Example, cross reference for the ANYBIT bit looks like this:

Name	Hex Offset	Hex Value
ANYBIT	F0	80

In the map of the data area, the ANYBIT bit appears like this:

240	(F0)	FIXED	4	ANYWORD	CONTROL WORD
240	(F0)	BITSTRING	1	ANYBYTE	FLAG BYTE
		1... ..		ANYBIT	"X'80'" BIT ON MEANS THIS . . .

X'F0' is the offset of field ANYWORD into the data area. ANYWORD is a 4-byte field, which contains a 1-byte field named ANYBYTE. Both ANYWORD and ANYBYTE have the same offset. The first bit in both fields is named ANYBIT. Ignoring the other bits in the field ANYBYTE, if the ANYBIT bit is on, the value of field ANYBYTE would be 1000 0000, which is equivalent to X'80'. This value (X'80') is shown both in the Description in the data area map and in the column of the cross reference.

Programming interface information

This document contains information NOT intended to be used as programming interfaces of z/OS.

This document also contains intended programming interfaces that allow the customer to write programs to obtain the services of z/OS.

This information is identified where it occurs, either by an introductory statement to a chapter or section or by the following marking:

Programming Interface information
End of Programming Interface information

Unless otherwise specified, for data areas classified as programming interfaces, the **MACRO ID** and **DSECT NAME(S)** in the header are part of the programming interface. **ALL** other header information is included for diagnostic purposes **ONLY**.

Since a *data area name* that is designated as part of the programming interface is one of the following:

- MACRO ID
- DSECT NAME
- commonly-used name

before including the *data area name* in a program, refer to the data area header for the applicable **MACRO ID**.

If only certain fields in a data area are intended or not intended for use as a programming interface, the specific field name(s) are differentiated within the data area.

For data areas classified as programming interfaces, "RESERVED FOR USER" fields are part of the interface; all other "**RESERVED ...**" fields are **NOT** part of the interface.

For a field that is part of the programming interface, the only information that is part of the interface for writing programs is:

- field name
- data type
- field length
- description (purpose or allowed values)

INCLUDE ONLY data area: **ONLY** the MACRO ID is the programming interface. The DSECT NAME, constants, and data area itself are **NOT** part of the programming interface.

TOKEN ONLY data area: **ONLY** the address of the data area is a programming interface. The DSECT NAME, constants, and data area itself are **NOT** part of the programming interface.

IATYADA Information

IATYADA Heading Information

Common Name: Authorization Data Area
Macro ID: IATYADA
DSECT Name: ADASTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: ADA
 Offset: 0
 Length: 4
Storage Attributes: Subpool: 229
 Key: 1 (JESKEY)
Size: See module listing
Created by: IATSIAU
Pointed to by: REG6 in IATSIAU
 SDWAPARM in SIAUARR (IATSIAU)
Serialization: None
Function: Work area for IATSIAU

IATYADA Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	ADASTART	
0	(0)	CHARACTER	4	ADAID	Eyecatcher "ADA "
4	(4)	BITSTRING	4	ADAPSW1	Bits 0-31 of stacked PSW
4	(4)	X'4'	0	ADAPSWB1	"ADAPSW1,1" PSW bits 0-7 (0,R,000,T,I,E)
4	(4)	X'5'	0	ADAPSWB2	"ADAPSW1+1,1" PSW bits 8-15 (key, 0,M,W,P)
		1...		ADAPRKEY	"X'80" Key 8-15
		.... ...1		ADAPROBS	"X'01" Problem state
4	(4)	X'6'	0	ADAPSWB3	"ADAPSW1+2,1" PSW bits 16-23 (AS, CC, mask)
4	(4)	X'7'	0	ADAPSWB4	"ADAPSW1+3,1" PSW bits 24-31 (0000000, EA)
8	(8)	ADDRESS	4	ADASSCT	SSCT address supplied by SSI caller in R0
12	(C)	ADDRESS	4	ADASSOB	SSOB address supplied by SSI caller in R1
12	(C)	X'8'	0	ADAR01	"ADASSCT,8,C'F" R0 and R1 passed in to SSI
16	(10)	BITSTRING	1	ADAKEY	Save area for key
17	(11)	BITSTRING	1	ADAFLAG1	Flag byte

Comment

 Definition of ADAFLAG1

End of Comment

		1...		ADAAREQ	"X'80" Caller must be authorized in order to use this SSI
		.1..		ADARECUR	"X'40" Recovery recursion flag
		..1.		ADASSOBU	"X'20" Accessing SSOB in IATSIAU
		...1		ADASSOBS	"X'10" SSOB access successful
		.... 1..		ADAFL108	"X'08" Reserved flag byte
		.... .1..		ADAFL104	"X'04" Reserved flag byte
		.... ..1.		ADAFL102	"X'02" Reserved flag byte
		.... ...1		ADAFL101	"X'01" Reserved flag byte
18	(12)	SIGNED	2	ADASSIFN	SSI function code
20	(14)	BITSTRING	4	ADARVSD1	Reserved for IBM
24	(18)	SIGNED	4	ADARVSD2 (3)	Reserved for IBM
36	(24)	SIGNED	4	ADADUMPL (0)	SDUMP PARAMETER LIST
36	(24)	ADDRESS	1		FLAG BYTE
37	(25)	ADDRESS	1		FLAG BYTE
38	(26)	ADDRESS	1		FLAG BYTE
39	(27)	ADDRESS	1		FLAG BYTE
40	(28)	ADDRESS	4		ADDRESS OF DCB
44	(2C)	ADDRESS	4		ADDRESS OF STORAGE LIST
48	(30)	ADDRESS	4		ADDRESS OF USER DATA

IATYADA Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
52	(34)	ADDRESS	4		ADDRESS OF ECB/SRB
56	(38)	ADDRESS	2		CURRENT ASID
58	(3A)	ADDRESS	2		OTHER ASID
60	(3C)	ADDRESS	4		ADDRESS OF ASID LIST
64	(40)	ADDRESS	4		ADDRESS OF SUMLIST/SUMLSTA LIST
68	(44)	ADDRESS	4		RESERVED
72	(48)	ADDRESS	4		RESERVED
76	(4C)	ADDRESS	1		FLAG BYTE
77	(4D)	ADDRESS	1		CONTROL FLAG BYTE
78	(4E)	ADDRESS	1		TYPE FLAG BYTE
79	(4F)	ADDRESS	1		VERSION
80	(50)	ADDRESS	1		EXIT FLAG BYTE
81	(51)	ADDRESS	1		EXIT FLAG BYTE
82	(52)	ADDRESS	1		SDATA OPTIONS
83	(53)	ADDRESS	1		RESERVED SDATA OPTIONS
84	(54)	ADDRESS	4		ADDRESS OF SUBPLST
88	(58)	ADDRESS	4		ADDRESS OF KEYLIST
92	(5C)	ADDRESS	4		RESERVED
96	(60)	ADDRESS	4		ALET OF DCB PARAMETER
100	(64)	ADDRESS	4		ALET OF STORAGE PARAM
104	(68)	ADDRESS	4		ALET OF HDR PARAMETER
108	(6C)	ADDRESS	4		ALET OF ASIDLST PARAM
112	(70)	ADDRESS	4		ALET OF SUMLIST PARAM
116	(74)	ADDRESS	4		ALET OF SUBPLST PARAM
120	(78)	ADDRESS	4		ALET OF KEYLIST PARAM
124	(7C)	ADDRESS	4		No LIST64/LISTD
128	(80)	ADDRESS	4		No ALET for LISTD/LIST64
132	(84)	ADDRESS	4		No SUMLSTL or SUMLIST64
136	(88)	ADDRESS	4		ALET SUMLSTL or SUMLIST64
140	(8C)	ADDRESS	4	(2)	RESERVED
148	(94)	SIGNED	4	ADAEND (0)	End of data area
148	(94)	X'94'	0	ADASIZE	"ADAEND-ADASTART" Size of data area

Comment

----- 10131SYA
 Equates 10131SYA
 ----- 10131SYA

End of Comment

148 (94) X'E5' 0 ADASUBPL "229" ADA storage subpool 10131SYA

IATYADA Cross Reference

Name

ADAAREQ
 ADADUMPL
 ADAEND
 ADAFLAG1
 ADAFL101
 ADAFL102
 ADAFL104
 ADAFL108
 ADAID
 ADAKEY
 ADAPRKEY
 ADAPROBS
 ADAPSWB1
 ADAPSWB2
 ADAPSWB3

Name

ADAPSWB4
ADAPSW1
ADARECUR
ADARSVD1
ADARSVD2

ADAR01
ADASIZE
ADASSCT
ADASSIFN
ADASSOB

ADASSOBS
ADASSOBU
ADASTART
ADASUBPL

IATYARL Information

IATYARL Heading Information

Common Name: ALLOCATION REQUIREMENTS LIST
Macro ID: IATYARL
DSECT Name: ARLSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: ARL
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: JES3 Private Area (JESPOOL)
 Auxiliary Storage: N/A
Size: 72 Bytes
Created by: IATMDAR
Pointed to by: RQARLADD in IATYRSQ
 ARLFCHN in IATYARL
Serialization: NONE
Function: The ARL control block is a list of the resources that a job was not able to obtain on a previous allocation attempt. It is built/updated after allocation failures, scanned prior to giving a job an allocation attempt, and deleted when the job leaves the MDS Allocate Queue or if the ARL chain cannot be extended.

IATYARL Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	ARLSTART	
0	(0)	CHARACTER	4	ARLCHAR	CONTROL BLOCK ID
4	(4)	ADDRESS	4	ARLFCHN	NEXT ARL FOR JOB
8	(8)	SIGNED	2	ARLSCAN	NUMBER OF JST READS BYPASSED DUE TO ARL PRE-ALLOC SCAN
10	(A)	SIGNED	2	ARLRFRRSH	NUM OF FAILED ALLOC ATTEMPTS DESPITE SUCCESSFUL ARL SCAN
12	(C)	ADDRESS	4	ARLRSQ	POINTER TO JOB'S RESQUEUE
16	(10)	BITSTRING	1	ARLMAIN	INDEX OF LAST PROCESSOR FOR ALLOC ATTEMPT OR ARL SCAN
17	(11)	BITSTRING	1	ARLHFLG1	ARL HEADER FLAG
		1... ..		ARLJHDV	"X'80" ARL HAS NON-SPEC DEVICE ENTRIES
		.1... ..		ARLJHMS	"X'40" ARL HAS MSS DEVICE ENTRIES
18	(12)	BITSTRING	2	ARLRESV1	RESERVED FOR DEVELOPMENT
20	(14)	ADDRESS	4	ARLLSTX	FIRST ARL UNITNAME LIST EXT
24	(18)	SIGNED	4	ARLHEND (0)	END OF HEADER
24	(18)	X'18'	0	ARLHSIZ	"(ARLHEND-ARLSTART)" SIZE OF ARL HEADER

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	ARLENT	
0	(0)	BITSTRING	1	ARLENTYR	TYPE OF ENTRY
		1... ..		ARLDEV	"X'80" DEVICE ENTRY
		.1... ..		ARLVOL	"X'40" VOLUME ENTRY
		..1.		ARLDSN	"X'20" DATASET ENTRY
		.... 1...		ARLTERM	"X'08" LAST ENTRY IN BUFFER
0	(0)	X'E0'	0	ARLUSED	"ARLDEV+ARLVOL+ARLDSN" ENTRY IN USE
1	(1)	BITSTRING	1	ARLBODY (0)	START OF VARIABLE PORTION

IATYARL Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				

REMAINDER OF ARL DEVICE ENTRY					

End of Comment					
1	(1)	BITSTRING 1... .. .1... ..	1	ARLDEVTY ARLMSS ARLSPEC	TYPE OF DEVICE REQUEST "X'80" MSS "X'40" SPECIFIC DEVICE REQUEST
2	(2)	SIGNED	2	ARLLISTC	NUM. OF REQUESTS WITH LISTS
4	(4)	ADDRESS	4	ARLNAME	SETUNIT OR SETNAME ADDRESS
8	(8)	SIGNED	2	ARLDEVRQ	NUMBER OF DEVICES REQUESTED
10	(A)	SIGNED	2	ARLDEVFL	NUMBER THAT WERE UNAVAILABLE

REMAINDER OF ARL VOLUME/DATASET ENTRY					

End of Comment					
1	(1)	BITSTRING 1... .. .1... ..	1	ARLVOLTY ARLVDEV ARLVALL	FLAG FOR VOLUME ENTRY "X'80" VOLUME'S DEVICE FAILURE "X'40" VOLUME ALLOCATION FAILURE
1	(1)	BITSTRING 1... .. .1... ..	1	ARLDSNTY ARLDSNFL ARLGDGDBL	FLAG FOR DATASET ENTRY "X'80" DATASET ALLOCATION FAILED "X'40" FAILED TO ALLOCATE A GDG BASE
2	(2)	BITSTRING 1... .. .1... .. ..1... ..	1	ARLFLG1 ARLVEXC ARLDEXC ARLHEXC	RESOURCE CHARACTERISTICS "X'80" JOB REQUIRES EXCL VOL USE "X'40" JOB REQUIRES EXCL DATASET USE "X'20" HOST EXCLUSIVE REQUEST
3	(3)	BITSTRING	1	ARLRESV4	RESERVED FOR SERVICE
4	(4)	ADDRESS	4	ARLVOLAD	ADDRESS OF SETVOL
8	(8)	ADDRESS	4	ARLDSNAD	ADDRESS OF SETDSN
12	(C)	SIGNED	4	ARLEEND (0)	END OF ENTRY
12	(C)	X'C'	0	ARLESIZ	"(ARLEEND-ARLENT)" SIZE OF ARL ENTRY
12	(C)	X'4'	0	ARLENTNO	"4" NUMBER OF ENTRIES PER BUFFER
12	(C)	X'48'	0	ARLTSIZ	"ARLENTNO*ARLESIZ+ARLHSIZ" TOTAL SIZE OF ARL BUFFER

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	ARLXHEAD	
0	(0)	CHARACTER	4	ARLXCHAR	CONTROL BLOCK ID
4	(4)	ADDRESS	4	ARLXNEXT	NEXT ARL LIST EXTENSION
8	(8)	CHARACTER	8	ARLXNAME	UNIT NAME

IATYARL Cross Reference**Name**

ARLBODY
ARLCHAR
ARLDEV
ARLDEVFL
ARLDEVRO

ARLDEVTY
ARLDEXC
ARLDSN
ARLDSNAD
ARLDSNFL

ARLDSNTY
ARLEEND
ARLENT
ARLENTNO
ARLENTRY

ARLESIZ
ARLFCHN
ARLFLG1
ARLGDGBL
ARLHEND

ARLHEXC
ARLHFLG1
ARLHSIZ
ARLJHDV
ARLJHMS

ARLLISTC
ARLLSTX
ARLMAIN
ARLMSS
ARLNAME

ARLRESV1
ARLRESV4
ARLRFRRSH
ARLRSQ
ARLSCAN

ARLSPEC
ARLSTART
ARLTERM
ARLTSIZ
ARLUSED

ARLVALL
ARLVDEV
ARLVEXC
ARLVOL
ARLVOLAD

ARLVOLTY
ARLXCHAR
ARLXHEAD
ARLXNAME
ARLXNEXT

IATYASR Information

IATYASR Heading Information

Common Name: Available Spool Records
Macro ID: IATYASR
DSECT Name: ASRSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: ASR
 Offset: 0
 Length: 4
Storage Attributes: Subpool: 0 (JES3 Address Space)
Size: See module listing
Created by: IATISEN
 IATOSOR2
Pointed to by: ASRCHN in IATYASR
 ASRWKFDB in IATYASR
 JCTASRFD in IATYJCT
 RQASRFDB in IATYRSQ
Serialization: None
Function: Available spool record address list

IATYASR Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	ASRSTART	
0	(0)	BITSTRING	6	ASRTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	ASRCNT	USER COUNT.
8	(8)	CHARACTER	4	ASRID	FILE ID.
12	(C)	BITSTRING	12	ASRCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	ASRVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	ASRDATA (0)	START OF USER DATA AREA.
28	(1C)	SIGNED	2	ASRHLEN	Length of ASR header
30	(1E)	SIGNED	2	ASRTLEN	Total length of ASR
32	(20)	BITSTRING	6	ASRPREV	Previous ASR spool address
38	(26)	BITSTRING	12	ASRRSVD1	Reserved for IBM
50	(32)	BITSTRING	1	ASRVERSN	ASR version number
50	(32)	X'1'	0	ASRINITV	"1" Initial ASR version
50	(32)	X'1'	0	ASRCVER	"ASRINITV" Current ASR version
51	(33)	BITSTRING	1	ASRFLAG1	Flag byte

Comment

 Definition of ASRFLAG1

End of Comment

		1... ..		ASRWRITE	"X'80" ASR write required
		.1.. ..		ASRF1040	"X'40" Reserved for IBM
		..1.		ASRF1020	"X'20" Reserved for IBM
		...1		ASRF1010	"X'10" Reserved for IBM
		.... 1...		ASRF1008	"X'08" Reserved for IBM
		.... .1..		ASRF1004	"X'04" Reserved for IBM
		.... ..1.		ASRF1002	"X'02" Reserved for IBM
		.... ...1		ASRF1001	"X'01" Reserved for IBM
52	(34)	SIGNED	4	ASRRSVD2 (3)	Reserved for IBM
64	(40)	SIGNED	2	ASREMPY	Offset to next empty slot
66	(42)	SIGNED	2	ASRCKETY	Offset to next empty slot as checkpointed on spool
68	(44)	SIGNED	4	ASRJOBNO	Job number
72	(48)	SIGNED	4	ASRHEND (0)	End of IATYASR header
72	(48)	X'48'	0	ASRHSIZE	"ASRHEND-ASRSTART" Size of ASR header area

IATYASR Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	ASRENTY	, ASR entry
0	(0)	BITSTRING	4	ASRTERM	Terminator x'FFFFFFF'
0	(0)	BITSTRING	0	ASRSPADR (0)	Available spool rec address
0	(0)	BITSTRING	2	ASRM	Spool record module no. (M)
2	(2)	BITSTRING	4	ASRR	Spool record record no. (R)
6	(6)	BITSTRING	2	ASRRSVD3	Padding
6	(6)	X'8'	0	ASREEND	"*" End of IATYASR entry
6	(6)	X'8'	0	ASRESIZE	"ASREEND-ASRENTY" Size of ASR entry
6	(6)	X'1'	0	ASRGETBF	"1" Get an OSE/BOSE buffer
6	(6)	X'2'	0	ASRRTNBF	"2" Return an OSE/BOSE buffer
6	(6)	X'3'	0	ASRRREAD	"3" Read ASR
6	(6)	X'4'	0	ASRADDSR	"4" Add record to ASR
6	(6)	X'5'	0	ASRWRIT1	"5" Write a single ASR record
6	(6)	X'6'	0	ASRWRREL	"6" Write or release ASR chain
6	(6)	X'7'	0	ASRJBTRM	"7" Write ASR chain at job term
6	(6)	X'7'	0	ASRMAXFC	"ASRJBTRM" Maximum defined functn code
6	(6)	X'0'	0	ASRSUCCS	"0" Successful return code
6	(6)	X'D'	0	ASRERRL2	"13" ARELEASE error (not ASR)
6	(6)	X'E'	0	ASRERPUR	"14" Error issuing APURGE
6	(6)	X'63'	0	ASRJSMAX	"99" Maximum return code for JSAM error
6	(6)	X'64'	0	ASRBADCD	"100" Invalid function code
6	(6)	X'BF'	0	ASRABEND	"191" Abend during ASR processing
6	(6)	X'A'	0	ASRENCNT	"10" Number of new ASR entries that forces the ASR to be written to spool

IATYASR Cross Reference

Name

ASRABEND
 ASRADDSR
 ASRBADCD
 ASRCHN
 ASRCKETY
 ASRCNT
 ASRCVER
 ASRDATA
 ASREEND
 ASRENTY
 ASRENCNT
 ASRENTY
 ASRERPUR
 ASRERRL2
 ASRESIZE
 ASRFLAG1
 ASRF1001
 ASRF1002
 ASRF1004
 ASRF1008
 ASRF1010
 ASRF1020
 ASRF1040
 ASRGETBF
 ASRHEND
 ASRHLEN
 ASRHSIZE
 ASRID
 ASRINITV
 ASRJBTRM

Name

ASRJOBNO
ASRJSMAX
ASRM
ASRMAXFC
ASRPREV

ASRR
ASRREAD
ASRRSVD1
ASRRSVD2
ASRRSVD3

ASRRTNBF
ASRSPADR
ASRSTART
ASRSUCCS
ASRTERM

ASRTLEN
ASRTRK
ASRVERSN
ASRVLID
ASRWRITE

ASRWRT1
ASRWRREL

IATYATDE Information

IATYATDE Programming Interface information

Programming Interface information

IATYATDE

End of Programming Interface information

Heading Information • IATYATDE Map

IATYATDE Heading Information

Common Name: AUX TASK DISPATCHING ELEMENT
Macro ID: IATYATDE
DSECT Name: ATDE
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: ATDE
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: SUBPOOL 0
 Auxiliary Storage: N/A
Size: 64 Bytes
Created by: IATINAT
 IATGRG1 (IATXATDE SERVICE)
Pointed to by: FCTATDE in IATYFCT
 ATCBARQ in IATYATCB
 ATCBATDC in IATYATCB
 ATCBPOOL in IATYATCB
Serialization: NONE
Function: Control Block used by the JES3 AUX
 task to dispatch an FCT under the
 AUX TASK TCB.

IATYATDE Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	ATDE	AUX TASK DISPATCHING BLOCK
0	(0)	SIGNED	4	ATDENEXT	ADDRESS OF NEXT ATDE ON CHAIN
4	(4)	CHARACTER	4	ATDEID	EBDIC IDENTIFIER FOR ATDE
8	(8)	BITSTRING	10	ATDEAWLR	DISPATCHING INSTR. SEQ. TO GET ECF ADDR AND NEXT ATDE ADDR
18	(12)	BITSTRING	4	ATDEAWTM	TM TO TEST WAIT CONDITION
22	(16)	BITSTRING	4	ATDEAWBC	BC IF WAIT CONDITION NOT SATISFIED
26	(1A)	BITSTRING	2	ATDEAWBU	BR TO DISPATCH FCT ASSOC. WITH ATDE 1
28	(1C)	SIGNED	4	ATDEECFA	AWAIT ECF ADDRESS
32	(20)	BITSTRING	1	(3)	MUST BE ZERO
35	(23)	BITSTRING	1	ATDEMASK	AWAIT ECF MASK
36	(24)	SIGNED	4	ATDEFCT	ADDR OF ASSOCIATED FCT
40	(28)	SIGNED	4	ATDEATCB	ADDR OF ATCB WHEN DISPATCHED ELSE 0
44	(2C)	BITSTRING	1	ATDEPRTY	FCT PRIORITY FOR THIS ATDE

Comment

DEFINITION OF ATDEDISP

End of Comment

45	(2D)	BITSTRING	1	ATDEDISP	DISPATCHING CONTROL SWITCH
		.... ....		ATDENTSK	"X'00" DISPATCH UNDER JES3 NUC TASK
		1111 1111		ATDEATSK	"X'FF" DISPATCH UNDER JES3 AUX TASK

Comment

DEFINITION OF ATDEFLG1
SERIALIZED BY COMPARE AND SWAP

End of Comment

46	(2E)	BITSTRING	1	ATDEFLG1	WORK FLAG BYTE *** USE CS INSTR ***
		1...		ATDEATCH	"X'80" ATTACH ATDE TO DISPATCHING CHAIN
		.1...		ATDEDTCH	"X'40" DETACH ATDE FROM DISPATCHING CHAIN
		..11 1111		ATDERSV1	"X'3F" RESERVED FOR DEVELOPMENT
47	(2F)	BITSTRING	1	ATDERSV2	RESERVED FOR DEVELOPMENT
48	(30)	SIGNED	4	ATDEWORK (2)	WORK AREA FOR SETMODE
56	(38)	SIGNED	4	ATDERSV3 (2)	RESERVED FOR DEVELOPMENT
64	(40)	SIGNED	4	ATDEEND (0)	END OF ATDE
64	(40)	X'40'	0	ATDESIZ	**ATDE" SIZE OF ATDE

IATYATDE Cross Reference**Name**

ATDE
ATDEATCB
ATDEATCH
ATDEATSK
ATDEAWBC

ATDEAWBU
ATDEAWLR
ATDEAWTM
ATDEDISP
ATDEDTCH

ATDEECFA
ATDEEND
ATDEFCT
ATDEFLG1
ATDEID

ATDEMASK
ATDENEXT
ATDENTSK
ATDEPRTY
ATDESV1

ATDESV2
ATDESV3
ATDESIZE
ATDEWORK

IATYAWA Information

IATYAWA Programming Interface information

Programming Interface information

IATYAWA

The following field is **NOT** programming interface information:

- AWADYR

End of Programming Interface information

Heading Information • IATYAWA Map

IATYAWA Heading Information

Common Name: ALLOCATION WORK AREA
Macro ID: IATYAWA
DSECT Name: AWA, AWAOSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Auxiliary Storage: N/A
 Subpool: 236
Size: AWA - AWAMBUF
 AWAOSTRT - AWASIZE
Created by: IATSIJS
Pointed to by: MEMALLOC in IATYMEM
Serialization: NONE
Function: This data area provides the work area used by the SSI allocation routines.

IATYAWA Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	AWA	
0	(0)	SIGNED	4	AWABGN (0)	START OF AWA DSECT
0	(0)	SIGNED	4	AWASVARA (18)	REG SAVE AREA CHAIN FIELD
0	(0)	X'C'	0	AWASVREG	"AWASVARA+12" REGISTERS SAVED HERE
72	(48)	SIGNED	4	AWASSOB	POINTER TO INPUT SSOB 7547
76	(4C)	SIGNED	2		AVAILABLE EXPANSION AREA
78	(4E)	SIGNED	2	AWAREADS	CNT SSI JST READS CURENT JOB
80	(50)	BITSTRING	8	AWAJOB	CURRENT JOB ID
88	(58)	BITSTRING	6	AWATRK1	SPL ADDR, LAST JST STEP ENT.
94	(5E)	BITSTRING	6	AWATRK2	SPL ADDR, LAST JST RCD READ
100	(64)	SIGNED	4	AWASADR	CORE LOC. OF LAST STEP ENTRY
104	(68)	BITSTRING	1	AWAFLG1	AWAFLG1 FLAG 1
		1... ..		AWABALLC	"X'80" APPC TP- BATCH ALLOCATION CALL
		.1.. ..		AWANODYN	"X'40" JES DIDNOT DO DYN ALLOC
		..1.		AWANOJST	"X'20" NO JST RECORDS EXIST FOR JOB
		...1		AWADYNAL	"X'10" SEND SA TO DYNAL FCT
		.... 1...		AWADMDS	"X'08" SEND SA TO MDS
		.... .1..		AWADYAGM	"X'04" IATSIDA - DYA OBTAINED
		.... ..1.		AWABYP	"X'02" DYNALDSN/UX32 'BYPASS' OR 'PROTECT' INDICATOR. ON=BYPASS, OFF=PROTECT
		.... ..1		AWADDFND	"X'01" JST DD ENTRY EXISTS
105	(69)	BITSTRING	1	AWAFLG2	TRACE FLAGS AND CODES
		1... ..		AWNOTFND	"X'80" JST NOT FOUND
		.1..		AWUPDCU	"X'40" CU BUF SENT FOR MISSED STEPS
		..1.		AWRMSG2	"X'20" TR MSG2 MUST BE RESTORED
		...1		AWAMSVGP	"X'10" MSVGP ALLOCATION FAILURE
		.... .111		AWSENT	"X'07" BUF SENT CODE, BITS 5-7
105	(69)	X'1'	0	AWSENTCA	"1" CA BUF SENT TO GLOBAL
105	(69)	X'2'	0	AWSENTDA	"2" DA BUF SENT TO GLOBAL
105	(69)	X'3'	0	AWSENTCU	"3" CU BUF SENT TO GLOBAL
105	(69)	X'4'	0	AWSENTDU	"4" DU BUF SENT TO GLOBAL
105	(69)	X'5'	0	AWSENTVR	"5" VR BUF SENT TO GLOBAL
105	(69)	X'D7'	0	AWATRACE	"AWNOTFND+AWUPDCU+AWAMSVGP+AWSENT" TRACE BITS
106	(6A)	BITSTRING	1	AWASTEP	LAST MATCHING STEP NO.
107	(6B)	BITSTRING	1	AWACUSN	LAST STEPNO THRU COM DEALOC
108	(6C)	SIGNED	4	AWAECB	SSISERVE ECB
112	(70)	SIGNED	4	AWASWAP (0)	PARAM LIST FOR LOC. SWA MANAGER

Comment

SWAREQ MF=L

End of Comment

112	(70)	SIGNED	4	(0)	SWA MANAGER PARAMETER LIST
112	(70)	ADDRESS	4	EPA@0003	ADDR OF EPA FOR SWA MANAGER

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
116	(74)	ADDRESS	4	FCD@0003	ADDR OF FUNCTION CODE FOR SWA MANAGER
120	(78)	SIGNED	4	AWAEPA (0)	LOCATE MODE SWA MGR. EPA
120	(78)	BITSTRING	1	(0)	
136	(88)	ADDRESS	4	AWAEPAP	POINTER TO THE EPA

Comment

 FORMAT OF ALLOCATION SSI'S OUTPUT BUFFER

Dec	Hex	Type/Value	Len	Name (Dim)	Description
140	(8C)	BITSTRING	96	AWAobuf	OUTPUT BUFFER
140	(8C)	SIGNED	2	AWADSIZE	SIZE OF DATA IN OUTPUT BUF
142	(8E)	SIGNED	2	AWAMDSRC (0)	MDS RETURN CODE TO SSI
142	(8E)	BITSTRING	1	AWASTEPN	STEP NO ASSOCIATED WITH RQST
143	(8F)	BITSTRING	1	AWATYPE	REQST TYPE (SAME AS MDSSECF)
144	(90)	CHARACTER	8	AWAJBID	JOB ID OF ASSOCIATED RQST
152	(98)	BITSTRING	1	AWAodata (0)	FUNCTION DEPENDENT DATA

Comment

COMMON ALLOCATION DATA AREA FORMAT

Dec	Hex	Type/Value	Len	Name (Dim)	Description
152	(98)	CHARACTER	8	AWCADDNM	DDNAME BEING ALLOCATED
160	(A0)	BITSTRING	2	AWCARPN	DDNAME RELATIVE POSITION NO.
162	(A2)	CHARACTER	44	AWCADSN	DSNAME OF DATASET BEING ALOC
206	(CE)	BITSTRING	1	AWCAEND (0)	END OF COMMON ALLOCATION DATA
206	(CE)	BITSTRING	0	AWCASIZE (0)	LENGTH OF COMMON ALOC DATA

Comment

DEALLOCATION DATA AREA FORMAT

Dec	Hex	Type/Value	Len	Name (Dim)	Description
152	(98)	BITSTRING	1	AWCUFUNC	DEALLOCATION FUNCTION CODE
		.... ..1.		AWCUVR	"X'02" EARLY VOLUME RELEASE BUFFER
		.... ..1..		AWCUCU	"X'04" COMMON DEALLOCATION BUFFER
		.... 1...		AWCUDU	"X'08" DYNAMIC DEALLOCATION BUFFER
		...1		AWCUTPU	"X'10" TRANSACTION PROGRAM- STEP
		...1 1...		AWCUFDY	DEALLOCATION
					"X'18" DYNAMIC DE-ALLOC FOR FAILED DYNAMIC
					ALLOCATION
153	(99)	BITSTRING	1	AWCUSTEP	STEP NUMBER BEING DEALLOCATED
154	(9A)	SIGNED	2	AWCUBUFN	DJST BUF NUM TO DEALLOC
156	(9C)	BITSTRING	1	AWCUCEND (0)	END OF COMMON DEALLOC DATA
156	(9C)	BITSTRING	0	AWCUCSIZ (0)	LENGTH OF COMN DEALOC DATA
156	(9C)	CHARACTER	8	AWCUDDNM	DDNAME BEING DYN DEALLOCATED
164	(A4)	BITSTRING	2	AWCURPN	DDNAME RELATIVE POSITION NO.
166	(A6)	BITSTRING	1	AWCUDEND (0)	END OF DYNAMIC DEALOC DATA
166	(A6)	BITSTRING	0	AWCUDSIZ (0)	LENGTH OF DYN DEALOC DATA
166	(A6)	CHARACTER	6	AWCUVOL	VOLUME BEING EARLY VOL RELEASED
172	(AC)	BITSTRING	1	AWCUVEND (0)	END OF EARLY VOL REL DATA
172	(AC)	BITSTRING	0	AWCUVSIZ (0)	LENGTH OF EARLY VOL REL DATA

Comment

CHANGE DDNAME DATA AREA FORMAT

Dec	Hex	Type/Value	Len	Name (Dim)	Description
152	(98)	SIGNED	2	AWDDCNT	NO. OF DDNAME PAIRS IN BUF
154	(9A)	BITSTRING	1	AWDDNTRY (0)	START OF CHANGE DDNAME ENTRY
154	(9A)	CHARACTER	8	AWDDODDN	DDNAME TO BE CHANGED
162	(A2)	SIGNED	2	AWDDORPN	RELATIVE POS. NO. OF OLD DDN

IATYAWA Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
164	(A4)	CHARACTER	8	AWDDNDDN	NEW DDNAME
172	(AC)	SIGNED	2	AWDDNRPN	RELATIVE POS. NO. OF NEW DDN
174	(AE)	BITSTRING	1	AWDDEEND (0)	END OF CHANGE DDNAME ENTRY
174	(AE)	BITSTRING	0	AWDDFSIZ (0)	SIZE OF CHANGE DDN HEADER
174	(AE)	BITSTRING	0	AWDDESIZ (0)	SIZE OF CHANGE DDN ENTRY
Comment					
CHANGE ENQ USE DATA AREA FORMAT					
End of Comment					
152	(98)	CHARACTER	44	AWNQDSN	DSNAME WHOSE DISP TO CHANGE
196	(C4)	BITSTRING	1	AWNQFLG1	FLAG 1
		1... ..		AWNQSTEX	"X'80" CHANGE FROM SHR TO EXCLUSIVE
197	(C5)	BITSTRING	1	AWNQFLG2	FLAG 2
198	(C6)	BITSTRING	1	AWNQEND (0)	END OF CHANGE ENQ DATA
198	(C6)	BITSTRING	0	AWNQSIZE (0)	SIZE OF CHANGE ENQ DATA
Comment					
ESTAE PARAMETER LIST ESTAE MF=L					
End of Comment					
152	(98)	SIGNED	4	(0)	
152	(98)	ADDRESS	1	AWAESTA	FLAGS FOR TCB,PURGE,ASYNCH, AND CANCEL
153	(99)	ADDRESS	3		FIELD NO LONGER USED
156	(9C)	ADDRESS	4		PARAM. LIST ADDR. NOT SPECIFIED
160	(A0)	ADDRESS	4		TCB NOT SPECIFIED
164	(A4)	ADDRESS	1		FLAGS
165	(A5)	ADDRESS	1		THIRD FLAG BYTE
166	(A6)	ADDRESS	2		RESERVED
168	(A8)	ADDRESS	4		TOKEN VALUE AREA
172	(AC)	ADDRESS	4		EXIT ADDR NOT SPEC
Comment					
SDUMP PARAMETER LIST SDUMP SDATA=(ALLPSA,ALLNUC,RGN,CSA,TRT,LPA,SQA,SWA,SUM), MF=L					
End of Comment					
152	(98)	SIGNED	4	AWASDMP (0)	SDUMP PARAMETER LIST
152	(98)	ADDRESS	1		FLAG BYTE
153	(99)	ADDRESS	1		FLAG BYTE
154	(9A)	ADDRESS	1		FLAG BYTE
155	(9B)	ADDRESS	1		FLAG BYTE
156	(9C)	ADDRESS	4		ADDRESS OF DCB
160	(A0)	ADDRESS	4		ADDRESS OF STORAGE LIST
164	(A4)	ADDRESS	4		ADDRESS OF USER DATA
168	(A8)	ADDRESS	4		ADDRESS OF ECB/SRB
172	(AC)	ADDRESS	2		CURRENT ASID
174	(AE)	ADDRESS	2		OTHER ASID
176	(B0)	ADDRESS	4		ADDRESS OF ASID LIST
180	(B4)	ADDRESS	4		ADDRESS OF SUMLIST/SUMLSTA LIST
184	(B8)	ADDRESS	4		RESERVED
188	(BC)	ADDRESS	4		RESERVED
192	(C0)	ADDRESS	1		FLAG BYTE
193	(C1)	ADDRESS	1		CONTROL FLAG BYTE
194	(C2)	ADDRESS	1		TYPE FLAG BYTE
195	(C3)	ADDRESS	1		VERSION
196	(C4)	ADDRESS	1		EXIT FLAG BYTE
197	(C5)	ADDRESS	1		RESERVED SDATA/EXIT
198	(C6)	ADDRESS	1		SDATA OPTIONS
199	(C7)	ADDRESS	1		RESERVED SDATA OPTIONS

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
200	(C8)	ADDRESS	4		ADDRESS OF SUBPLST
204	(CC)	ADDRESS	4		ADDRESS OF KEYLIST
208	(D0)	ADDRESS	4		RESERVED
212	(D4)	ADDRESS	4	(2)	RESERVED

Comment

UCBLOOK LIST FORM
UCBLOOK MF=(L,AWAUCBLK) UCBLOOK LIST FORM
MACDATE -03/18/08-<3>

End of Comment

0	(0)	X'98'	0	M00M0010	"AWAUCBLK" ++ UCBLOOK NAME
152	(98)	DBL WORD	8	AWAUCBLK (0)	++ UCBLOOK PARM LIST
152	(98)	BITSTRING	1	AWAUCBLK_XVERSION	++ INPUT XVERSION
153	(99)	BITSTRING	1	AWAUCBLK_XSCHSET	++
154	(9A)	BITSTRING	2	AWAUCBLK_XDEVN	++
156	(9C)	CHARACTER	4	AWAUCBLK_XDEVNCHAR	++
160	(A0)	CHARACTER	6	AWAUCBLK_XVOLSER	++
166	(A6)	BITSTRING	1	AWAUCBLK_XDEVCLASS	++ XDEVCLASS
166	(A6)	X'0'	0	AWAUCBLK_XDEVCLASS_DASDTAPE	"0" ++ XDEVCLASS.DASDTAPE KEYWORD
166	(A6)	X'1'	0	AWAUCBLK_XDEVCLASS_TAPE	"1" ++ XDEVCLASS.TAPE KEYWORD
166	(A6)	X'2'	0	AWAUCBLK_XDEVCLASS_DASD	"2" ++ XDEVCLASS.DASD KEYWORD
167	(A7)	BITSTRING	1	AWAUCBLK_XRESERVED2	++ FIELD_LABEL
		1...		AWAUCBLK_XNOTFIND_YES	"B'10000000" ++ XNOTFIND.YES KEYWORD
168	(A8)	ADDRESS	4	AWAUCBLK_XUCBPTR	++
172	(AC)	CHARACTER	5	AWAUCBLK_XCOMPID	++
177	(B1)	BITSTRING	1	AWAUCBLK_XMASK	++ FIELD_LABEL
		1...		AWAUCBLK_XNONBASE_YES	"B'10000000" ++ XNONBASE.YES KEYWORD
		.1..		AWAUCBLK_XDYNAMIC_NO	"B'01000000" ++ XDYNAMIC.NO KEYWORD
		..1.		AWAUCBLK_XRANGE_3DIGIT	"B'00100000" ++ XRANGE.3DIGIT KEYWORD
		...1		AWAUCBLK_XLOC_ANY	"B'00010000" ++ XLOC.ANY KEYWORD
		.... 1..		AWAUCBLK_XSPECIAL_YES	"B'00001000" ++ XSPECIAL.YES KEYWORD
		.... ...1		AWAUCBLK_XUNBOUND_ALIAS_YES	"B'00000001" ++ XUNBOUND_ALIAS.YES KEYWORD
178	(B2)	BITSTRING	1	AWAUCBLK_XFLAGS	++ FIELD_LABEL
		1...		AWAUCBLK_KEYUSED_DEVN	"B'10000000" ++ KEYUSED.DEVN KEYWORD
		.1..		AWAUCBLK_KEYUSED_DEVNCHAR	"B'01000000" ++ KEYUSED.DEVNCHAR KEYWORD
		..1.		AWAUCBLK_KEYUSED_VOLSER	"B'00100000" ++ KEYUSED.VOLSER KEYWORD
		...1		AWAUCBLK_KEYUSED_LASTING	"B'00010000" ++ KEYUSED.LASTING KEYWORD
		.... 1..		AWAUCBLK_KEYUSED_COMPID	

IATYAWA Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... .1..		AWAUCBLK_KEYUSED_HELP	"B'00001000" ++ KEYUSED.COMPID KEYWORD
		.... ..1.		AWAUCBLK_KEYUSED_PIN	"B'00000100" ++ KEYUSED.HELP KEYWORD
		.... ...1		AWAUCBLK_KEYUSED_PINPATHS	"B'00000010" ++ KEYUSED.PIN KEYWORD
179	(B3)	BITSTRING	1	AWAUCBLK_XFLAGS2	"B'00000001" ++ KEYUSED.PINPATHS KEYWORD
		1...		AWAUCBLK_KEYUSED_UCBCXPTR	++ FIELD_LABEL
		.1..		AWAUCBLK_KEYUSED_UCBPXPTR	"B'10000000" ++ KEYUSED.UCBCXPTR KEYWORD
		..1.		AWAUCBLK_KEYUSED_LDEVNCHAR	"B'01000000" ++ KEYUSED.UCBXPTR KEYWORD
		...1		AWAUCBLK_KEYUSED_SCHSET	"B'00100000" ++ KEYUSED.LDEVNCHAR KEYWORD
180	(B4)	ADDRESS	4	AWAUCBLK_XTEXT_ADDR	"B'00010000" ++ KEYUSED.SCHSET KEYWORD
					++ ADDR
184	(B8)	SIGNED	4	AWAUCBLK_XTEXT_ALET	
					++ ALET
188	(BC)	CHARACTER	8	AWAUCBLK_XPTOKEN	
					++
196	(C4)	CHARACTER	8	AWAUCBLK_XHELP	
					++
204	(CC)	ADDRESS	4	AWAUCBLK_XIOCTOKEN_ADDR	
					++ ADDR
208	(D0)	SIGNED	4	AWAUCBLK_XIOCTOKEN_ALET	
					++ ALET
212	(D4)	ADDRESS	4	AWAUCBLK_XUCBPAREA_ADDR	
					++ ADDR
216	(D8)	SIGNED	4	AWAUCBLK_XUCBPAREA_ALET	
					++ ALET
220	(DC)	ADDRESS	4	AWAUCBLK_XUCBCXPTR	
					++
224	(E0)	ADDRESS	4	AWAUCBLK_XUCBPXPTR	
					++
228	(E4)	CHARACTER	5	AWAUCBLK_XLDEVNCHAR	
					++
233	(E9)	CHARACTER	3	AWAUCBLK_XRESERVED1	
					++ FIELD_LABEL
233	(E9)	X'54'	0	AWAUCBLKL	**AWAUCBLK" ++ LENGTH OF PLIST

Comment

UCBLOOK-3

End of Comment

Comment

UCBPIN LIST FORM
 UCBPIN MF=(L,AWAUCBPN) UCBPIN LIST FORM
 MACDATE -11/17/06-<1>

End of Comment

0	(0)	X'98'	0	M00M0011	"AWAUCBPN" ++ UCBPIN NAME
152	(98)	DBL WORD	8	AWAUCBPN (0)	++ UCBPIN PARM LIST
152	(98)	BITSTRING	1	AWAUCBPN_XVERSION	
					++ INPUT XVERSION
153	(99)	BITSTRING	1	AWAUCBPN_XFLAGS	
					++ FIELD_LABEL
		1...		AWAUCBPN_KEYUSED_PIN	
		.1..		AWAUCBPN_KEYUSED_UNPIN	"B'10000000" ++ KEYUSED.PIN KEYWORD

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
		..1.		AWAUCBPN_KEYUSED_LASTING	"B'01000000" ++ KEYUSED.UNPIN KEYWORD
		...1		AWAUCBPN_KEYUSED_COMPID	"B'00100000" ++ KEYUSED.LASTING KEYWORD
		.... 1...		AWAUCBPN_KEYUSED_HELP	"B'00010000" ++ KEYUSED.COMPID KEYWORD
		.... .1..		AWAUCBPN_KEYUSED_PINPATHS	"B'00001000" ++ KEYUSED.HELP KEYWORD
		.... ..1.		AWAUCBPN_KEYUSED_NOVAL	"B'00000100" ++ KEYUSED.PINPATHS KEYWORD
					"B'00000010" ++ KEYUSED.NOVAL KEYWORD
154	(9A)	CHARACTER	5	AWAUCBPN_XCOMPID	
					++
159	(9F)	CHARACTER	1	AWAUCBPN_XRESERVED1	
					++ FIELD_LABEL
160	(A0)	ADDRESS	4	AWAUCBPN_XUCBPTR	
					++
164	(A4)	ADDRESS	4	AWAUCBPN_XTEXT_ADDR	
					++ ADDR
168	(A8)	SIGNED	4	AWAUCBPN_XTEXT_ALET	
					++ ALET
172	(AC)	CHARACTER	8	AWAUCBPN_XPTOKEN	
					++
180	(B4)	CHARACTER	8	AWAUCBPN_XHELP	
					++
188	(BC)	ADDRESS	4	AWAUCBPN_XIOCTOKEN_ADDR	
					++ ADDR
192	(C0)	SIGNED	4	AWAUCBPN_XIOCTOKEN_ALET	
					++ ALET
196	(C4)	CHARACTER	10	AWAUCBPN_XRESERVED2	
					++ FIELD_LABEL
196	(C4)	X'36'	0	AWAUCBPNL	"*-AWAUCBPN" ++ LENGTH OF PLIST

Comment

UCBPIN-1

End of Comment

Comment

MSS SSISERV BUFFER AREA
AREA 'AWAMBUF' IS USED TO HOLD THE SSISERV
BUFFER FOR THE 'END OF COMMON ALLOCATION
FOR STEP' SUB-SYSTEM INTERFACE, AND FOR THE
MSVC VOLUME SELECT REQUEST WHICH IS BUILT
TO CAUSE MDS TO ALLOCATE A VIRTUAL UNIT FOR
AN MSVGP WITH ZERO CONCURRENT USERS. THE
DATA FORMAT DESCRIPTION IS CONTAINED IN THE
MSS SSI WORK AREA DSECT GENERATED BY
'IATYMWA'. 'AWAMBUF' MUST BE AT LEAST AS
LONG AS 'MWAMBUF' IN THAT DSECT.

End of Comment

236	(EC)	SIGNED	4	(0)	FULL-WORD ALIGN BUFFER AREA
236	(EC)	BITSTRING	40	AWAMBUF	MSS SSISERV BUFFER AREA
276	(114)	SIGNED	4	(0)	Ensure fullword alignment
276	(114)	BITSTRING	44	AWAIBUF	AWA INPUT BUFFER FOR JSERV
320	(140)	SIGNED	4	(0)	Ensure fullword alignment
320	(140)	BITSTRING	1	AWASEL	SERVICE ENTRANCE LIST BLOCK

IATYAWA Map

Dec	Hex	Type/Value	Len	Name (Dim)	Description
Comment					

FOR MACRO IOSGEN, 16 FULLWORDS ARE NEEDED FOR THE SAVE AREA. ALSO, ANOTHER FULLWORD IS NEEDED TO SAVE REGISTER 3 WHICH POINTS TO THE SAVE AREA.					

End of Comment					
432	(1B0)	SIGNED	2	AWASAS (0)	
432	(1B0)	SIGNED	4	AWAIOSGN (16)	SAVE AREA FOR IOSGEN
496	(1F0)	SIGNED	4	AWASAVRG	REGISTER SAVE AREA
Comment					

FOR MACROS LIKE LINK, IFGXATL, AND UCBDEVN, THE FIRST 18 FULLWORDS ARE USED FOR THE SAVE AREA. ANOTHER 20 BYTES ARE NEEDED FOR ROUTINE IEFAB49C'S PARAMETER LIST. FOR UCBDEVN, A FOUR BYTE UCB DEVICE NUMBER IS NEEDED FOR THE MACRO CALL.					

End of Comment					
432	(1B0)	SIGNED	4	AWAMACSV (18)	SAVE AREA FOR MACROS
504	(1F8)	SIGNED	4	AWA49CPL (5)	IEFAB49C PARM LIST SAVE AREA
Comment					

THE FOLLOWING 2 LABELS MAP THE PARAMETER LIST TO BE PASSED TO IFGXATL. THEY MUST MAP 12 CONTIGUOUS BYTES					

End of Comment					
504	(1F8)	X'1F8'	0	AWASMSUT	"AWA49CPL,8" FIRST LIBRARY UNITNAME
504	(1F8)	X'200'	0	AWAULIST	"AWASMSUT+8,4" POINTER TO UNITNAME LIST
504	(1F8)	X'204'	0	AWADYASV	"AWAULIST+4,4" ADDRESS OF ORIGINAL DYA WHILE EXTENDED DYA'S IN USE
524	(20C)	SIGNED	4	AWAUCBAD	4 BYTES UCB ADDRESS 2
528	(210)	ADDRESS	4	AWADYR	LIFO CHAIN OF IATYDYR
532	(214)	SIGNED	4	AWADYNCT	DYNAL DYN ALLOC COUNT
Comment					

FOLLOWING FOUR WORDS RESERVED FOR USE BY ALLOC SSI SAMPLER					

End of Comment					
536	(218)	DBL WORD	8	(0)	FIELDS USED TO STCK.
536	(218)	SIGNED	4	AWANTIM	NEW TIME
540	(21C)	SIGNED	4	AWANMIN	NEW TIME (MINUTES)
544	(220)	SIGNED	4	AWAOTIM	OLD TIME
548	(224)	SIGNED	4	AWAOMINS	OLD TIME (MINUTES)
Comment					

END OF FIELDS RESERVED FOR ALLOC SSI SAMPLER.					

End of Comment					
552	(228)	SIGNED	4	AWARSAV1	REG SAVE AREA FOR SICA
556	(22C)	SIGNED	4	AWARSAV2	REG SAVE AREA FOR SICA
560	(230)	SIGNED	4	AWACHNMR (2)	JST CHAIN SAVE AREA SICA 2274
568	(238)	CHARACTER	4	AWADYUCB	DEVICE NUMBER FOR DYNAL

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
572	(23C)	BITSTRING	1	AWAVRKEY	USER'S PROTECT KEY SAVE AREA
573	(23D)	BITSTRING	1	AWARVS1 (2)	RESERVED FOR SERVICE
575	(23F)	BITSTRING	1	AWAFUNC	FUNCTION CODE FOR IATSICA

Comment

 DEFINITION OF AWAFUNC

End of Comment

		1...		AWACAREQ	"X'80" COMMON ALLOCATION REQUEST
		.1.		AWACUREQ	"X'40" COMMON UNALLOCATION REQUEST
		..1.		AWADAREQ	"X'20" DYNAMIC ALLOCATION REQUEST
		...1		AWADUREQ	"X'10" DYNAMIC UNALLOC REQUEST
576	(240)	SIGNED	2	AWARVS2	RESERVED FOR SERVICE
578	(242)	SIGNED	2	AWADYNID	DYNAMIC ALLOCATON ID
580	(244)	SIGNED	4	AWARSVU1 (2)	AVAILABLE FOR USER
588	(24C)	BITSTRING	148	AWAVFY	RESERVE SPACE FOR VMSG
736	(2E0)	SIGNED	4	(0)	FULL-WORD ALIGN
736	(2E0)	BITSTRING	72	AWAVMVR	VOLUME MOUNT AND VERIFY REQUEST BLOCK
808	(328)	SIGNED	4	AWAPAD (12)	INSURANCE FOR INCREASE IN SIZE OF VMVR
856	(358)	ADDRESS	4	AWASUTKN	SETUNITs access token address
860	(35C)	ADDRESS	4	AWASNTKN	SETNAMEs access token address
864	(360)	ADDRESS	4	AWADYTKN	DYNALDSN access token address
868	(364)	ADDRESS	4	AWASETUN	SETUNITS address from IATXMVDA service
872	(368)	ADDRESS	4	AWASETNM	SETNAMES address from IATXMVDA service
876	(36C)	ADDRESS	4	AWADYD	DYNALDSN address from IATXMVDA service
880	(370)	CHARACTER	8	AWAPINTK	TOKEN USED TO UNPIN A UCB
888	(378)	SIGNED	4	AWADSBL	Parameter for SICADSBL 15606T6C
892	(37C)	SIGNED	4	AWARSVD6	Reserved for development
896	(380)	SIGNED	4	AWARSVD7	Reserved for development
900	(384)	SIGNED	4	AWARVS3	Reserved for service
904	(388)	SIGNED	4	AWARVS4	Reserved for service
908	(38C)	SIGNED	4	AWARVS5	Reserved for service
912	(390)	SIGNED	4	AWARVS6	Reserved for service
916	(394)	SIGNED	4	AWARVS7	Reserved for service
920	(398)	SIGNED	4	AWAEND (0)	END OF AWA
920	(398)	BITSTRING	1	AWASIZE (0)	SIZE OF AWA

Comment

ALLOCATION SSI TRACE FORMAT

End of Comment

Comment

 THE FIRST PART OF THE TRACE RECORD HAS THE FOLLOWING
 FORMAT:
 MODNAME-FUNC JOB JOBNAME (JOBID) STEPNO RC=RETCODE

End of Comment

140	(8C)	BITSTRING	1	TRACERCD (0)	TRACE RECORD TO BE PRINTED
140	(8C)	CHARACTER	8	TRACMODN	MODULE NAME FOLLOWED BY "-"
148	(94)	CHARACTER	3	TRACFUNC	FUNCTION BEING EXECUTED
151	(97)	CHARACTER	1		FILLER
152	(98)	CHARACTER	3	TRACJHR	'JOB'
155	(9B)	CHARACTER	1		FILLER
156	(9C)	CHARACTER	8	TRACJNM	JOB NAME MAKING REQUEST
164	(A4)	CHARACTER	1		FILLER
165	(A5)	CHARACTER	1	TRACJLP	'('
166	(A6)	CHARACTER	8	TRACJOB	JOB ID MAKING REQUEST

IATYAWA Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
174	(AE)	CHARACTER	1	TRACJRP	')
175	(AF)	CHARACTER	1		FILLER
176	(B0)	CHARACTER	8	TRACSTEP	STEP NUMBER MAKING REQUEST
184	(B8)	CHARACTER	1		FILLER
185	(B9)	CHARACTER	3	TRACRCC	'RC ='
188	(BC)	CHARACTER	2	TRACRC	RETURN CODE TO MVS
190	(BE)	CHARACTER	2		FILLER
192	(C0)	CHARACTER	11	TRACMSG	PUT SENT COMMENTS HERE

Comment

 THE SECOND PART OF THE MESSAGE APPEARS IF THERE IS
 ADDITIONAL INFORMATION TO TRACE AS INDICATED BY
 AWAF LG2.

End of Comment

192	(C0)	CHARACTER	5		FILLER
197	(C5)	CHARACTER	2	TRACMSNT	BUFFER TYPE SENT TO GLOBAL
199	(C7)	CHARACTER	1		FILLER
200	(C8)	CHARACTER	3	TRACMCUP	USED IF CU UPDATE BUF SENT
203	(CB)	BITSTRING	1	TRACEND (0)	END OF FIRST MSG
203	(CB)	BITSTRING	0	TRACNO2 (0)	END WITHOUT SECOND MSG
203	(CB)	CHARACTER	1		FILLER
204	(CC)	CHARACTER	32	TRACMSG2	SPECIAL MESSAGES
204	(CC)	CHARACTER	8	TRACDATY	SCTUTYPE OR JSTTYPE PUT HERE
212	(D4)	CHARACTER	1		FILLER
213	(D5)	CHARACTER	8	TRACDADD	DDNAME FROM SIOT OR JST
221	(DD)	CHARACTER	1		FILLER
222	(DE)	CHARACTER	6	TRACDAVS	VOL SER FROM JFCB OR JST
228	(E4)	CHARACTER	1		FILLER
229	(E5)	CHARACTER	7	TRACDAMS	REASON DA NOT JES PROCESSED
204	(CC)	CHARACTER	8	TRACDDNF	DDNAME FOR RQST NOT IN JST

Comment

 LENGTH USED ON IATXTRC MACRO.

End of Comment

204	(CC)	X'18'	0	TRACXLEN	"((L'AWAOBUF)+3)/4" NUMBER OF WORDS IN AWAOBUF
-----	------	-------	---	----------	---

IATYAWA Cross Reference

Name

AWA
 AWABALLC
 AWABGN
 AWABYP
 AWACAREQ
 AWACHNMR
 AWACUREQ
 AWACUSN
 AWADAREQ
 AWADDFND
 AWADMDS
 AWADSBL
 AWADSIZE
 AWADUREQ
 AWADYAGM

Name

AWADYASV
AWADYD
AWADYNAL
AWADYNCT
AWADYNID

AWADYR
AWADYTKN
AWADYUCB
AWAECB
AWAEND

AWAEP
AWAEPAP
AWAESTA
AWAFLG1
AWAFLG2

AWAFUNC
AWAIBUF
AWAIOSGN
AWAJBID
AWAJOB

AWAMACSV
AWAMBUF
AWAMDSRC
AWAMSVGP
AWANMIN

AWANODYN
AWANOJST
AWANTIM
AWAOBUF
AWAODATA

AWAOMINS
AWAOTIM
AWAPAD
AWAPINTK
AWAREADS

AWARSAV1
AWARSAV2
AWARSVD6
AWARSVD7
AWARSVS1

AWARSVS2
AWARSVS3
AWARSVS4
AWARSVS5
AWARSVS6

AWARSVS7
AWARSVU1
AWASADR
AWASAS
AWASAVRG

AWASDMP
AWASEL
AWASETNM
AWASETUN
AWASIZE

AWASMSUT
AWASNTKN
AWASSOB
AWASTEPA
AWASTEPA

IATYAWA Cross Reference

Name

AWASUTKN
AWASVARA
AWASVREG
AWASWAP
AWATRACE

AWATRK1
AWATRK2
AWATYPE
AWAUCBAD
AWAUCBLK

AWAUCBLK_KEYUSED_COMPID

AWAUCBLK_KEYUSED_DEVN

AWAUCBLK_KEYUSED_DEVNCHAR

AWAUCBLK_KEYUSED_HELP

AWAUCBLK_KEYUSED_LASTING

AWAUCBLK_KEYUSED_LDEVNCHAR

AWAUCBLK_KEYUSED_PIN

AWAUCBLK_KEYUSED_PINPATHS

AWAUCBLK_KEYUSED_SCHSET

AWAUCBLK_KEYUSED_UCBCXPTR

AWAUCBLK_KEYUSED_UCBPXPTR

AWAUCBLK_KEYUSED_VOLSER

AWAUCBLK_XCOMPID

AWAUCBLK_XDEVCLASS

AWAUCBLK_XDEVCLASS_DASD

AWAUCBLK_XDEVCLASS_DASDTAPE

AWAUCBLK_XDEVCLASS_TAPE

AWAUCBLK_XDEVN

AWAUCBLK_XDEVNCHAR

AWAUCBLK_XDYNAMIC_NO

AWAUCBLK_XFLAGS

AWAUCBLK_XFLAGS2

AWAUCBLK_XHELP

AWAUCBLK_XIOCTOKEN_ADDR

AWAUCBLK_XIOCTOKEN_ALET

Name

AWAUCBLK_XLDEVNCHAR
AWAUCBLK_XLOC_ANY
AWAUCBLK_XMASK
AWAUCBLK_XNONBASE_YES
AWAUCBLK_XNOTFIND_YES
AWAUCBLK_XPTOKEN
AWAUCBLK_XRANGE_3DIGIT
AWAUCBLK_XRESERVED1
AWAUCBLK_XRESERVED2
AWAUCBLK_XSCHSET
AWAUCBLK_XSPECIAL_YES
AWAUCBLK_XTEXT_ADDR
AWAUCBLK_XTEXT_ALET
AWAUCBLK_XUCBCXPTR
AWAUCBLK_XUCBPAREA_ADDR
AWAUCBLK_XUCBPAREA_ALET
AWAUCBLK_XUCBPTR
AWAUCBLK_XUCBPXPTR
AWAUCBLK_XUNBOUND_ALIAS_YES
AWAUCBLK_XVERSION
AWAUCBLK_XVOLSER
AWAUCBLKL
AWAUCBPN
AWAUCBPN_KEYUSED_COMPID
AWAUCBPN_KEYUSED_HELP
AWAUCBPN_KEYUSED_LASTING
AWAUCBPN_KEYUSED_NOVAL
AWAUCBPN_KEYUSED_PIN
AWAUCBPN_KEYUSED_PINPATHS
AWAUCBPN_KEYUSED_UNPIN
AWAUCBPN_XCOMPID

IATYAWA Cross Reference

Name

AWAUCBPN_XFLAGS
AWAUCBPN_XHELP
AWAUCBPN_XIOCTOKEN_ADDR
AWAUCBPN_XIOCTOKEN_ALET
AWAUCBPN_XPTOKEN
AWAUCBPN_XRESERVED1
AWAUCBPN_XRESERVED2
AWAUCBPN_XTEXT_ADDR
AWAUCBPN_XTEXT_ALET
AWAUCBPN_XUCBPTR
AWAUCBPN_XVERSION

AWAUCBPNL
AWAULIST
AWAVFY
AWAVMVR
AWAVRKEY
AWA49CPL
AWCADDNM
AWCADSN
AWCAEND
AWCARPN
AWCASIZE
AWCUBUFN
AWCUCEND
AWCUCSIZ
AWCUCU
AWCUDDNM
AWCUDEND
AWCUDSIZ
AWCUDU
AWCUFDY
AWCUFUNC
AWCURPN
AWCUSTEP
AWCUTPU
AWCUVEND
AWCUVOL
AWCUVR
AWCUVSIZ
AWDDCNT
AWDDEEND
AWDDESIZ
AWDDFSIZ
AWDDNDDN
AWDDNRPN
AWDDNTRY
AWDDODDN
AWDDORPN
AWNOTFND

Name

AWNQDSN
AWNQEND
AWNQFLG1
AWNQFLG2
AWNQSIZE

AWNQSTEX
AWRSMMSG2
AWSSENT
AWSSENTCA
AWSSENTCU

AWSSENTDA
AWSSENTDU
AWSSENTVR
AWUPDTCU
EPA@0003

FCD@0003
M00M0010
M00M0011
TRACDADD
TRACDAMS

TRACDATY
TRACDAVS
TRACDDNF
TRACEND
TRACERCD

TRACFUNC
TRACJHR
TRACJLP
TRACJNM
TRACJOB

TRACJRP
TRACMCUP
TRACMODN
TRACMSG
TRACMSG2

TRACMSNT
TRACNO2
TRACRC
TRACRCC
TRACSTEP

TRACXLEN

IATYAWR Information

IATYAWR Heading Information

Common Name: AWAIT Reason Codes
Macro ID: IATYAWR
DSECT Name: DSAWRWRK
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: 'NONE'
 Offset: N/A
 Length: N/A
Storage Attributes: Auxiliary Storage: N/A
 Subpool: N/A
 Key: N/A
 Residency: N/A
Size: AWCODLEN+AWTXTLEN (For DSAWRWRK)
Created by: IATABN9
 IATMFDT
Pointed to by: N/A
Serialization: NONE
Function: This macro defines the AWAIT reason codes that are used when the AWAIT macro is issued with the REASON parameter. The AWAIT reason uniquely identifies why a particular module is waiting.

Note that AWAITS that are of a similar type are grouped under one AWAIT reason code. For example, almost every FCT has a "wait for work" AWAIT. All of these AWAITS should be using the AWRWT4WK reason code.

However, even though a common AWAIT reason code exists, the user may want to define additional AWAIT reason codes to be able to distinguish between different AWAITS in the same module.

For example, suppose a module has ten AWAITS for different types of EXCP requests. It could code REASON=AWREXCPC on each of the AWAIT macros, which would make it difficult to distinguish the particular instance of EXCP it is waiting on. Or it could create new AWAIT reason codes that uniquely identify the EXCP request.

IATYAWR Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	AWRNORSN	"X'0000" 0003
Comment ,WAIT FOR WORK OR STANDARD FCT AWAIT					
		.... ...1		AWRWT4WK	"X'0001" 0003
End of Comment Comment ,WAITING FOR A GENERALIZED SUBTASK TO BECOME AVAILABLE OR TO FINISH PRX					
		.... ..1.		AWRGNSUB	"X'0002" 0003 0003
End of Comment Comment ,WAITING FOR SHARED USE OF AN AENQ RESOURCE					
		.... ..11		AWRAENQS	"X'0003" 0003 0003

IATYAWR Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
|_____ Comment _____|					
,WAITING FOR EXCLUSIVE USE OF AN AENQ RESOURCE					
|_____ End of Comment _____|					
1..		AWRAENQE	"X'0004'" 0003 0003
|_____ Comment _____|					
,WAITING FOR JSS TO BE ACTIVE (JSSACTIV TO BE SET)					
|_____ End of Comment _____|					
1.1		AWRJSACT	"X'0005'" 0003
|_____ Comment _____|					
,WAITING FOR JSS TO BE STARTED (S,JSS COMMAND, I.E. JSSSTART TO BE SEX					
|_____ End of Comment _____|					
11.		AWRJSSTR	"X'0006'" 0003 0003
|_____ Comment _____|					
,WAITING FOR STORAGE TO BECOME AVAILABLE FOR AN AGETMAIN REQUEST					
|_____ End of Comment _____|					
111		AWRSTORG	"X'0007'" 0003
|_____ Comment _____|					
,WAITING FOR STORAGE TO BECOME AVAILABLE FOR A CELLPOOL REQUEST					
|_____ End of Comment _____|					
	1...		AWRSTCPL	"X'0008'" 0003 0003
|_____ Comment _____|					
,WAITING FOR A C/I SUBTASK TO COMPLETE CONVERTER/INTERPRETER PROCESSINX					
|_____ End of Comment _____|					
	1..1		AWRCNVIN	"X'0009'" 0003 0003
|_____ Comment _____|					
,WAITING FOR A CATALOG LOCATE REQUEST TO COMPLETE					
|_____ End of Comment _____|					
	1.1.		AWRLOCAT	"X'000A'" 0003
|_____ Comment _____|					
,C/I WAITING BECAUSE THE JCL LIMIT HAS BEEN EXCEEDED					
|_____ End of Comment _____|					
	1.11		AWRJCLLM	"X'000B'" 0003 0003
|_____ Comment _____|					
,FCT IS IN SPECIALIZED RESCHEDULE AND IS WAITING FOR DEVICES TO BECOMEX					
|_____ End of Comment _____|					
	11..		AWRSPECR	"X'000C'" 0003 0003

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
,WAITING FOR AN ATIME INTERVAL TO EXPIRE					
End of Comment					
		.... 11.1		AWRATIME	"X'000D" 0003 0003
Comment					
,WAITING FOR JCT READ SRB TO BECOME AVAILABLE TO ACCESS A JCT DATA SPAX					
End of Comment					
		.... 111.		AWRJSRBA	"X'000E" 0003 0003
Comment					
,WAITING FOR THE JCT READ SRB TO COMPLETE FOR AN IATXJCT REQUEST (JQXSX					
End of Comment					
		.... 1111		AWRJSRBC	"X'000F" 0003 0003
Comment					
,WAITING FOR A JQE TO BECOME AVAILABLE FOR AN IATXJCT TYPE=ADD REQUESTX					
End of Comment					
		...1		AWRJQEAV	"X'0010" 0003 0003
Comment					
,WAITING FOR JOB NUMBERS TO BECOME AVAILABLE FOR AN AJOBNUM REQUEST (TX					
End of Comment					
		...1 ...1		AWRJJOBNM	"X'0011" 0003 0003
Comment					
,WAITING FOR A JDS TO BECOME AVAILABLE FOR A JDS RELATED MACRO REQUESTX					
End of Comment					
		...1 ..1.		AWRJDSAV	"X'0012" 0003 0003
Comment					
,WAITING FOR A SUBTASK TO COMPLETE DETACH/TERMINATION PROCESSING					
End of Comment					
		...1 ..11		AWRSDTCH	"X'0013" 0003 0003
Comment					
,PERMANENT AWAIT - WAIT FOREVER					
End of Comment					
		...1 .1..		AWRPERMN	"X'0014" 0003 0003
Comment					
,WAITING FOR AN EXCP (E.G. JESEXCP) TO COMPLETE					
End of Comment					
		...1 .1.1		AWREXCPC	"X'0015" 0003 0003

IATYAWR Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
,WAITING FOR MDS RESTART TO COMPLETE					
End of Comment					
		...1 .11.		AWRMDSRS	"X'0016" 0003 0003
Comment					
,WAITING FOR DEVICE FENCE CONTROL BLOCK (DFCB) TO BECOME AVAILABLE (DFX					
End of Comment					
		...1 .111		AWRDFCBA	"X'0017" 0003 0003
Comment					
,WAITING FOR AN OSE TO BE RELEASED (RQOSESUP)					
End of Comment					
		...1 1...		AWROSEUP	"X'0018" 0003
Comment					
,DUMMY AWAIT THAT IS USED TO ALLOW OTHER FCTS TO GET CONTROL					
End of Comment					
		...1 1..1		AWRDUMMY	"X'0019" 0003 0003
Comment					
,WAITING FOR A PAGE FIX TO COMPLETE					
End of Comment					
		...1 1..1		AWRPGFIX	"X'001A" 0003 0003
Comment					
,WAITING FOR A CELL WITHIN A CELLPOL TO BECOME AVAILABLE					
End of Comment					
		...1 1..11		AWRCPOOL	"X'001B" 0003 0003
Comment					
,WAITING FOR FILE DIRECTORY ENTRIES TO BECOME AVAILABLE					
End of Comment					
		...1 11..		AWRFILDR	"X'001C" 0003 0003
Comment					
,WAITING FOR JSAM BUFFERS TO BECOME AVAILABLE					
End of Comment					
		...1 11..1		AWRJSAMB	"X'001D" 0003 0003
Comment					
,WAITING FOR SPOOL SPACE TO BECOME AVAILABLE					
End of Comment					
		...1 111.		AWRSPLSP	"X'001E" 0003 0003

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
,WAITING FOR AN ALOADED MODULE TO BE REFRESHED (JDEREQNU)					
End of Comment					
		..1 1111		AWRALODR	"X'001F" 0003 0003
Comment					
,WAITING FOR A JDE TO BE UNLOCKED (JDELOCK)					
End of Comment					
		..1.		AWRJDELK	"X'0020" 0003 0003
Comment					
,WAITING FOR SUBTASK ATTACH AND INITIALIZATION TO COMPLETE					
End of Comment					
		..1. ...1		AWRSATCH	"X'0021" 0003 0003
Comment					
,WAITING FOR MASTER TASK ATTACH AND INITIALIZATION TO COMPLETE					
End of Comment					
		..1. ..1.		AWRMATCH	"X'0022" 0003 0003
Comment					
,WAITING FOR LOCATE TO COMPLETE LOCATE RESTART PROCESSING DURING CONNEX					
End of Comment					
		..1. ..11		AWRCNLOC	"X'0023" 0003 0003
Comment					
,WAITING FOR WTDDRVR TO COMPLETE DEMAND SELECT CANCEL PROCESSING DURINX					
End of Comment					
		..1. .1..		AWRCNWD	"X'0024" 0003 0003
Comment					
,WAITING FOR GMS TO COMPLETE GMS RESTART PROCESSING DURING CONNECT					
End of Comment					
		..1. .1.1		AWRCNGMS	"X'0025" 0003 0003
Comment					
,WAITING FOR VERIFY/MDS TO COMPLETE INITIAL VERIFY PROCESSING DURING CX					
End of Comment					
		..1. .11.		AWRCNVER	"X'0026" 0003 0003
Comment					
,WAITING FOR A SUBTASK QUEUE DESCRIPTOR (SQD) TO BECOME AVAILABLE					
End of Comment					
		..1. .111		AWRSQDAV	"X'0027" 0003 0003

IATYAWR Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
,WAITING FOR SINGLE RECORD FILE (SRF) INPUT I/O TO COMPLETE					
End of Comment					
		..1. 1...		AWRSRFIN	"X'0028" 0003 0003
Comment					
,WAITING FOR SINGLE RECORD FILE (SRF) OUTPUT I/O TO COMPLETE					
End of Comment					
		..1. 1.1		AWRSRFOT	"X'0029" 0003 0003
Comment					
,WAITING FOR MULTI-RECORD FILE (MRF) INPUT I/O TO COMPLETE					
End of Comment					
		..1. 1.1.		AWRMRFIN	"X'002A" 0003 0003
Comment					
,WAITING FOR MULTI-RECORD FILE (MRF) OUTPUT I/O TO COMPLETE					
End of Comment					
		..1. 1.11		AWRMRFOT	"X'002B" 0003 0003
Comment					
,WAITING DUE TO A CONSOLE QUEUED-TO-DEPTH (IATCNWO)					
End of Comment					
		..1. 11..		AWRCNQTD	"X'002C" 0003 0003
Comment					
,WAITING FOR A RESQUEUE FOR THE INTRDR JOB TO BE CREATED (IATDMJA)					
End of Comment					
		..1. 11.1		AWRINTRQ	"X'002D" 0003
Comment					
,WAITING FOR AN ADDRESS SPACE TO COMPLETE INITIALIZATION					
End of Comment					
		..1. 111.		AWRASPIN	"X'002E" 0003
Comment					
,WAITING FOR AN ADDRESS SPACE TO TERMINATE					
End of Comment					
		..1. 1111		AWRASPTM	"X'002F" 0003
Comment					
,WAITING FOR THE JNCB USE COUNT TO BE ZERO					
End of Comment					
		..11		AWRJNCBU	"X'0030" 0003

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
				Comment	
				,WAITING FOR THE NCK LOCK TO BECOME AVAILABLE	
				End of Comment	
		..11 ...1		AWRNCKLK	"X'0031" 0003
				Comment	
				,WAITING FOR A JQE PRIORITY TO BECOME AVAILABLE	
				End of Comment	
		..11 ..1.		AWRJQEPR	"X'0032" 0003
				Comment	
				,WAITING FOR READ/WRITE ACCESS TO THE JCT (JQERWENQ)	
				End of Comment	
		..11 ..11		AWRJCTRW	"X'0033" 0003
				Comment	
				,WAITING FOR THE MAXIMUM NUMBER OF JCT READ-ONLYUSERS TO BE DECREASED X	
				End of Comment	
		..11 .1..		AWRJCMRO	"X'0034" 0003
				Comment	
				,WAITING FOR THE NUMBER OF JCT READ-ONLY USERS TO BECOME ZERO (JQEUCT)	
				End of Comment	
		..11 .1.1		AWRJCRON	"X'0035" 0003
				Comment	
				,WAITING FOR JCT READ I/O TO COMPLETE (FDBCLOSE)	
				End of Comment	
		..11 .11.		AWRJCRIO	"X'0036" 0003
				Comment	
				,WAITING FOR A PREVIOUS MAIN PROCESSOR CONNECT TO COMPLETE	
				End of Comment	
		..11 .111		AWRPVCON	"X'0037" 0003
				Comment	
				,WAITING FOR ANOTHER FCT TO RELEASE CONTROL OF A JDS ENTRY (JSDSPH)	
				End of Comment	
		..11 1...		AWRJDSEN	"X'0038" 0003
				Comment	
				,WAITING FOR PTAT MANIPULATION TO COMPLETE (TVTSPCHG)	
				End of Comment	
		..11 1..1		AWRPTATM	"X'0039" 0003

IATYAWR Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
,WAITING FOR THE JOBTAT FDB TO BE CLOSED (FDBCLOSE)					
End of Comment					
		..11 1.1.		AWRJBTC	"X'003A" 0003
Comment					
,WAITING FOR A JOBTAT READ TO COMPLETE (FDBCLOSE)					
End of Comment					
		..11 1.11		AWRJBTRD	"X'003B" 0003
Comment					
,WAITING FOR A JOBTAT WRITE TO COMPLETE (FDBCLOSE)					
End of Comment					
		..11 11..		AWRJBWT	"X'003C" 0003
Comment					
,WAITING FOR THE IATXCKPT ACCESS METHOD TO BECOME AVAILABLE FOR A READX					
End of Comment					
		..11 11.1		AWRCAMRD	"X'003D" 0003
Comment					
,WAITING FOR THE IATXCKPT ACCESS METHOD TO BECOME AVAILABLE FOR A WRITX					
End of Comment					
		..11 111.		AWRCAMWT	"X'003E" 0003
Comment					
,WAITING FOR THE IATXCKPT ACCESS METHOD TO BECOME AVAILABLE FOR A PURGX					
End of Comment					
		..11 1111		AWRCAMPR	"X'003F" 0003
Comment					
,WAITING FOR I/O ERROR RECOVERY TO COMPLETE					
End of Comment					
		.1..		AWRIOERR	"X'0040" 0003
Comment					
,WAITING FOR A MINIMAL TRACK CONDITION TO CLEAR UP (TATMINQ)					
End of Comment					
		.1.. ...1		AWRMINTK	"X'0041" 0003
Comment					
,WAITING FOR I/O TO COMPLETE BEFORE PROCESSING AN IATXRELC REQUEST (FDX)					
End of Comment					
		.1.. ..1.		AWRIORLC	"X'0042" 0003

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
|_____ Comment _____|					
,WAITING FOR A RESTART OR A CONNECT COMPLETE POST FROM IATMSR2					
|_____ End of Comment _____|					
		.1.. ..11		AWRRC PST	"X'0043" 0003
|_____ Comment _____|					
,WAITING FOR A GMS UPDATE TO COMPLETE (TVTGMSP)					
|_____ End of Comment _____|					
		.1.. .1..		AWRGMSUP	"X'0044" 0003
|_____ Comment _____|					
,WAITING FOR A JOB'S JST FDB TO CONTAIN A SPOOL ADDRESS (FDBONSP)					
|_____ End of Comment _____|					
		.1.. .1.1		AWRJSTOS	"X'0045" 0003
|_____ Comment _____|					
,WAITING FOR FILE TO BE CLOSED FOR A JESREAD REQUEST (FDBCLOSE)					
|_____ End of Comment _____|					
		.1.. .11.		AWRJSRAV	"X'0046" 0003
|_____ Comment _____|					
,WAITING FOR THE FDB TO CONTAIN A SPOOL ADDRESS FOR A JESREAD REQUEST X					
|_____ End of Comment _____|					
		.1.. .111		AWRJSRSA	"X'0047" 0003
|_____ Comment _____|					
,WAITING FOR JESREAD I/O COMPLETION					
|_____ End of Comment _____|					
		.1.. 1..		AWRJSRIO	"X'0048" 0003
|_____ Comment _____|					
,WAITING FOR AWRITE I/O COMPLETION					
|_____ End of Comment _____|					
		.1.. 1..1		AWRAWTIO	"X'0049" 0003
|_____ Comment _____|					
,WAITING FOR WRTCHAIN I/O COMPLETION					
|_____ End of Comment _____|					
		.1.. 1.1.		AWRWCHIO	"X'004A" 0003 5
|_____ Comment _____|					
,WAITING FOR INITIALIZATION ON JES3 GLOBAL TO COMPLETE (TVTGLOBL)					
|_____ End of Comment _____|					
		.1.. 11..		AWRINITG	"X'004C" 0003

IATYAWR Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
,WAITING FOR OUTPUT SERVICE RESTART TO COMPLETE (OSDRDONE)					
End of Comment					
	.1..	11.1		AWROSRSC	"X'004D" 0003
Comment					
,WAITING FOR A JOB'S JDAB FDB TO CONTAIN A SPOOL ADDRESS (FDBONSP)					
End of Comment					
	.1..	111.		AWRJDAOS	"X'004E" 0003
Comment					
,WAITING FOR A STATUS POST					
End of Comment					
	.1..	1111		AWRSTATP	"X'004F" 0003
Comment					
,WAITING FOR CLEANUP TO COMPLETE					
End of Comment					
	.1.1	....		AWRCLUP	"X'0050" 0003
Comment					
,WAITING FOR SDE CHAIN LOCK FLAG					
End of Comment					
	.1.1	...1		AWRSDECL	"X'0051" 0003
Comment					
,WAITING FOR SDE PENDING SA LOCK FLAG					
End of Comment					
	.1.1	..1.		AWRSDEPL	"X'0052" 0003
Comment					
,WAITING FOR SDE (IDLE DSP) POST					
End of Comment					
	.1.1	..11		AWRSDEP	"X'0053" 0003
Comment					
,WAITING FOR SWE CHAIN LOCK FLAG					
End of Comment					
	.1.1	.1..		AWRSWECL	"X'0054" 0003
Comment					
,WAITING FOR DSP AVAILABILITY					
End of Comment					
	.1.1	.1.1		AWRDSPCG	"X'0055" 0003

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
|_____ Comment _____|					
,WAITING FOR OUTPUT SERVICE TO RELEASE AN RQ (RQOSBUSY)					
|_____ End of Comment _____|					
		.1.1 .11.		AWROSBSY	"X'0056" 0003
|_____ Comment _____|					
,WAITING FOR JOB VALIDATION READ I/O TO COMPLETE					
|_____ End of Comment _____|					
		.1.1 .111		AWRJVRIO	"X'0057" 0003
|_____ Comment _____|					
,WAITING FOR JOB VALIDATION WRITE I/O TO COMPLETE					
|_____ End of Comment _____|					
		.1.1 1..		AWRJVVIO	"X'0058" 0003
|_____ Comment _____|					
,IATINJQ WAITING FOR A JCT FULL TRACK READ TO COMPLETE (DMCCOMPL)					
|_____ End of Comment _____|					
		.1.1 1..1		AWRJQJCT	"X'0059" 0003
|_____ Comment _____|					
,IATINJR WAITING FOR JWV TO BE ADDED TO THE TERMINATION QUEUE					
|_____ End of Comment _____|					
		.1.1 1..1.		AWRVTRM	"X'005A" 0003
|_____ Comment _____|					
,IATINJR WAITING FOR A JCT FULL TRACK READ TO COMPLETE (DMCCOMPL)					
|_____ End of Comment _____|					
		.1.1 1..11		AWRJRJCT	"X'005B" 0003
|_____ Comment _____|					
,MDS WAITING FOR AN OPERATOR COMMAND OR MDS RESTART POST					
|_____ End of Comment _____|					
		.1.1 11..		AWRMDOPR	"X'005C" 0003
|_____ Comment _____|					
,WAITING FOR THE WRTCHAIN FDB LOCK TO BECOME AVAILABLE (FDBWCHLK)					
|_____ End of Comment _____|					
		.1.1 11.1		AWRWCHLK	"X'005D" 0003
|_____ Comment _____|					
,WAITING FOR THE SETDSN LOCK TO BECOME AVAILABLE					
|_____ End of Comment _____|					
		.1.1 111.		AWRSDSLK	"X'005E" 0003

IATYAWR Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
,WAITING FOR THE SETVOL LOCK TO BECOME AVAILABLE					
End of Comment					
		.1.1 1111		AWRSVLLK	"X'005F" 0003
Comment					
,MDS IS WAITING FOR DYNAL TO FINISH USING THE JST (RQJSTDYN)					
End of Comment					
		.11.		AWRJSDDYN	"X'0060" 0003
Comment					
,MDS WAITING FOR THE DJST TO BECOME AVAILABLE					
End of Comment					
		.11. ...1		AWRMDDJS	"X'0061" 0003
Comment					
,WAITING FOR A FILE TO BE CLOSED FOR A WRTCHAIN REQUEST (FDBCLOSE)					
End of Comment					
		.11. ..1.		AWRWCHAV	"X'0062" 0003
Comment					
,WAITING FOR SAPI DATASPACE COW SERVICES TO INITIALIZE					
End of Comment					
		.11. ..11		AWRSCWIC	"X'0063" 0003
Comment					
,WAITING FOR RJP I/O TO COMPLETE					
End of Comment					
		.11. .1..		AWRRJPIO	"X'0064" 0003
Comment					
,WAITING FOR CATALOG SETUP TO COMPLETE					
End of Comment					
		.11. .1.1		AWRCATSU	"X'0065" 0003
Comment					
,WAITING FOR CATALOG BREAKDOWN TO COMPLETE					
End of Comment					
		.11. .11.		AWRCATBK	"X'0066" 0003
Comment					
,WAITING FOR FILE TO BE CLOSED FOR AN AWRITE REQUEST (FDBCLOSE)					
End of Comment					
		.11. .111		AWRAWTAV	"X'0067" 0003

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
					Comment
					,WAITING FOR FILE TO BE CLOSED FOR AN ARELEASE REQUEST (FDBCLOSE)
					End of Comment
		.11. 1...		AWRARLAV	"X'0068" 0003
					Comment
					,WAITING FOR PSO TO FINISH PROCESSING A REQUEST BEFORE IT CAN BE PURGEX
					End of Comment
		.11. 1..1		AWRPSOPR	"X'0069" 0003
					Comment
					,WAITING FOR SWA SPOOLING TO COMPLETE
					End of Comment
		.11. 1..1.		AWRSWASP	"X'006A" 0003
					Comment
					,WAITING FOR SWA PROCESSING TO COMPLETE
					End of Comment
		.11. 1..11		AWRSWAPR	"X'006B" 0003
					Comment
					,WAITING FOR SWA SUBPOOL FREE PROCESSING TO COMPLETE
					End of Comment
		.11. 11..		AWRSWAFR	"X'006C" 0003
					Comment
					,WAITING FOR SJF TERMINATION PROCESSING TO COMPLETE
					End of Comment
		.11. 11..1		AWRSJFTM	"X'006D" 0003
					Comment
					,WAITING TO BE DISPATCHED TO EXECUTE UNDER THE AUX TASK
					End of Comment
		.11. 111.		AWRAUXTD	"X'006E" 0003
					Comment
					,WAITING TO BE DISPATCHED TO EXECUTE UNDER THE NUC TASK
					End of Comment
		.11. 1111		AWRNUCTD	"X'006F" 0003
					Comment
					,WAITING FOR ATDE TO BE CHAINED TO AUXTASK DISPATCHING QUEUE
					End of Comment
		.111		AWRATDEA	"X'0070" 0003

IATYAWR Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
,WAITING FOR A JES3 LOCK TO BECOME AVAILABLE					
End of Comment					
		.111 ...1		AWRJ3LOK	"X'0071" 0003
Comment					
,WAITING FOR AN IATXSIO MULTI-READ REQUEST TO COMPLETE					
End of Comment					
		.111 ..1.		AWRMREAD	"X'0072" 0003
Comment					
,WAITING FOR ALL INPUT SERVICE FCT'S TO FINISH WITH THIS DJC NET (JNISX					
End of Comment					
		.111 ..11		AWRDJISA	"X'0073" 0003
Comment					
,WAITING FOR ANOTHER FCT TO FINISH USING THE JNCB FOR A JNCBHLD REQUESX					
End of Comment					
		.111 .1..		AWRJNCHL	"X'0074" 0003
Comment					
,WAITING FOR AN OPERATOR TO ISSUE A COMMAND					
End of Comment					
		.111 .1.1		AWROPERC	"X'0075" 0003
Comment					
,WAITING FOR THE WSP TO BE FREED					
End of Comment					
		.111 .11.		AWRWSPFR	"X'0076" 0003
Comment					
,WAITING FOR A VARY COMMAND TO COMPLETE					
End of Comment					
		.111 .111		AWRVARYC	"X'0077" 0003
Comment					
,WAITING FOR A MAIN PROCESSOR TO CONNECT OR FLUSH					
End of Comment					
		.111 1...		AWRMPCON	"X'0078" 0003
Comment					
,WAITING FOR OUTPUT STATEMENT PROCESSING TO COMPLETE					
End of Comment					
		.111 1..1		AWROUTSP	"X'0079" 0003

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
					Comment
					,WAITING FOR THE FSS INHIBIT INDICATOR TO BE RESET
					End of Comment
		.111 1.1.		AWRFSSIN	"X'007A" 0003
					Comment
					,WAITING FOR JDS I/O TO COMPLETE
					End of Comment
		.111 1.11		AWRJDSIO	"X'007B" 0003 0003
					Comment
					,WAITING FOR THE NEXT MFM CYCLE
					End of Comment
		.111 11..		AWRSUSPW	"X'007C" 0003
					Comment
					,WAITING FOR FSS STARTUP TO COMPLETE
					End of Comment
		.111 11.1		AWRFSSSU	"X'007D" 0003
					Comment
					,WAITING FOR AN ADDRESS SPACE TO COMPLETE A REQUEST
					End of Comment
		.111 111.		AWRASPRQ	"X'007E" 0003
					Comment
					,WAITING FOR A MULTI-RECORD FILE TO BE CLOSED
					End of Comment
		.111 1111		AWRRMFCL	"X'007F" 0003
					Comment
					,WAITING FOR RJP SPOOL FILE PURGE TO COMPLETE
					End of Comment
		1...		AWRRJPUR	"X'0080" 0003
					Comment
					,WAITING FOR RJPCONS TO FINISH USING RJP SPOOL FILE
					End of Comment
		1... ..1		AWRRJCNS	"X'0081" 0003
					Comment
					,WAITING FOR THE IATXCKPT ACCESS METHOD TO BECOME AVAILABLE FOR A RESEX
					End of Comment
		1... ..1.		AWRCAMRS	"X'0082" 0003

IATYAWR Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
,WAITING FOR A STARTIO REQUEST TO COMPLETE					
End of Comment					
		1... ..11		AWRSTRTI	"X'0083" 0003
Comment					
,WAITING FOR A GENERAL NJE SENDER TO RESCHEDULE					
End of Comment					
		1... .1..		AWRNJGNR	"X'0084" 0003
Comment					
,WAITING FOR A JOB NJE SENDER TO RESCHEDULE					
End of Comment					
		1... .1.1		AWRNJJBR	"X'0085" 0003
Comment					
,WAITING FOR A SYSOUT NJE SENDER TO RESCHEDULE					
End of Comment					
		1... .11.		AWRNJSYR	"X'0086" 0003
Comment					
,WAITING FOR SECURITY SUBTASK REQUEST TO COMPLETE					
End of Comment					
		1... .111		AWRSSCMP	"X'0087" 0003
Comment					
,WAITING FOR SECURITY SUBTASK PURGE REQUEST TO COMPLETE					
End of Comment					
		1... 1...		AWRSSPUR	"X'0088" 0003
Comment					
,WAITING FOR AN OSS TO BE FREED					
End of Comment					
		1... 1..1		AWROSSFR	"X'0089" 0003
Comment					
,WAITING FOR A DEVICE TO BECOME READY					
End of Comment					
		1... 1.1.		AWRDVRDY	"X'008A" 0003
Comment					
,WAITING FOR C/I FSS'S TO DISABLE PROCLIBS					
End of Comment					
		1... 1.11		AWRPRDFS	"X'008B" 0003

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
,WAITING FOR C/I FSS'S TO ENABLE PROCLIBS					
End of Comment					
		1... 11..		AWRPREFS	"X'008C" 0003
Comment					
,WAITING FOR A PROCLIB TO NO LONGER BE IN USE					
End of Comment					
		1... 11.1		AWRPROCN	"X'008D" 0003
Comment					
,WAITING FOR A C/I SUBTASK TO CLOSE A PROCLIB					
End of Comment					
		1... 111.		AWRPRCL	"X'008E" 0003
Comment					
,WAITING FOR WLM RECLASSIFICATION PROCESSING TO COMPLETE					
End of Comment					
		1... 1111		AWRWLRCL	"X'008F" 0003
Comment					
,WAITING FOR THE WLM SAMPLING LOCK TO BECOME AVAILABLE					
End of Comment					
		1..1		AWRSMPK	"X'0090" 0003
Comment					
,WAITING AS A RESULT OF A DUMP CORE TRAP					
End of Comment					
		1..1 ...1		AWRDTRAP	"X'0091" 0003
Comment					
,WAITING FOR OUTSERV CHECKPOINT TO BECOME AVAILABLE					
End of Comment					
		1..1 ..1.		AWROSCKP	"X'0092" 0003
Comment					
,WAITING FOR OUTSERV JDAB TO BECOME AVAILABLE					
End of Comment					
		1..1 ..11		AWROSJDA	"X'0093" 0003
Comment					
,WAITING FOR OUTSERV RESTART OR NEW WORK					
End of Comment					
		1..1 ..1..		AWROS4WK	"X'0094" 0003

IATYAWR Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
,DSI WAITING FOR GLOBAL TO BE DISABLED					
End of Comment					
1..1	.1.1			AWRGDISB	"X'0095'" 0003 0025
Comment					
,WAITING FOR A GENERAL PURPOSE FCT TO BECOME AVAILABLE OR TO FINISH PRX					
End of Comment					
1..1	.11.			AWRGNFCT	"X'0096'" 0003 0008
Comment					
,WAITING FOR A NETSERV ADDRESS SPACE TO BECOME ACTIVE					
End of Comment					
1..1	.111			AWRNSACT	"X'0097'" 0003
Comment					
,WAITING FOR RQ ACCESS COUNT TO BECOME ZERO					
End of Comment					
1..1	1..			AWRRQCNT	"X'0098'" 0003
Comment					
,WAITING FOR NETSERV MPC TO CONNECT OR RESET					
End of Comment					
1..1	1..1			AWRTCPMP	"X'0099'" 0003 07008SXA
Comment					
,WAITING FOR SOCKET TO SIGN ON					
End of Comment					
1..1	1..1.			AWRTCPSC	"X'009A'" 0003 07008SXA
Comment					
,WAITING FOR GENERAL PURPOSE FCT TO DEQUEUE JOB PRIORITY					
End of Comment					
1..1	1.11			AWRWQPRI	"X'009B'" 0003
Comment					
,WAITING FOR THE SLOTCOPY SUBTASK TO REBUILD THE VALID ARRAY					
End of Comment					
1..1	11..			AWRARRBD	"X'009C'" 0003
Comment					
,WAITING FOR STT MOVE ROUTINE TO UNLOCK AN ENTRY					
End of Comment					
1..1	11.1			AWRSTTMA	"X'009D'" 0003

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
,WAITING FOR MESSAGE PROCESSING POST					
End of Comment					
		1..1 111.		AWRJNMSG	"X'009E" 0003
Comment					
,WAITING FOR A RESTART OF A JES3 WRITER					
End of Comment					
		1..1 1111		AWRWRTRT	"X'009F" 0003
Comment					
,WAITING FOR A SPOOL TO BE DRAINED					
End of Comment					
		1.1.		AWRSPDRN	"X'00A0" 0003
Comment					
,WAITING FOR DEVICE INITIALIZATION IN MODULE IATINVR TO COMPLETE					
End of Comment					
		1.1. ...1		AWRINDEV	"X'00A1" 0003 02366TAA
Comment					
,MAXIMUM JES3 AWAIT REASON CODE					
End of Comment					
0	(0)	BITSTRING	0	AWRJ3MAX	"X'EFFE" 0003 0003
Comment					
			0		
			0		
			0		
			0		
REASON CODES X'F000' THROUGH X'FFFF' ARE RESERVED 0 FOR THE USER. 0					
,MINIMUM USER AWAIT REASON CODE					
End of Comment					
0	(0)	BITSTRING	0	AWRUSMIN	"X'F000" 0003 0003
Comment					
,MAXIMUM USER AWAIT REASON CODE					
End of Comment					
0	(0)	BITSTRING	0	AWRUSMAX	"X'FFFF" 0003

IATYAWR Cross Reference

IATYAWR Cross Reference

Name

AWRAENQE
AWRAENQS
AWRALODR
AWRARLAV
AWRARRBD

AWRASPIN
AWRASPRQ
AWRASPTM
AWRATDEA
AWRATIME

AWRAUXTD
AWRAWTAV
AWRAWTIO
AWRCAMPR
AWRCAMRD

AWRCAMRS
AWRCAMWT
AWRCATBK
AWRCATSU
AWRCLUP

AWRCNGMS
AWRCNLOC
AWRCNQTD
AWRCNVER
AWRCNVIN

AWRCNWTD
AWRCPOOL
AWRDFCBA
AWRDJISA
AWRDSPCG

AWRDTRAP
AWRDUMMY
AWRDVRDY
AWREXCPC
AWRFILDR

AWRFSSIN
AWRFSSSU
AWRGDISB
AWRGMSUP
AWRGNFCT

AWRGNSUB
AWRINDEV
AWRINITG
AWRINTRQ
AWRIOERR

AWRIORLC
AWRJBTCCL
AWRJBTRD
AWRJBTTW
AWRJCLLM

AWRJCMRO
AWRJCRIO
AWRJCRON
AWRJCTRW
AWRJDAOS

Name

AWRJDELK
AWRJDSAV
AWRJDSEN
AWRJDSIO
AWRJNCBU

AWRJNCHL
AWRJNMSG
AWRJOBNM
AWRJQEAV
AWRJQEPR

AWRJQJCT
AWRJRJCT
AWRJSACT
AWRJSAMB
AWRJSDYN

AWRJSRAV
AWRJSRBA
AWRJSRBC
AWRJSRIO
AWRJSRSA

AWRJSSTR
AWRJSTOS
AWRJVRIO
AWRJVTRM
AWRJVVIO

AWRJ3LOK
AWRJ3MAX
AWRLOCAT
AWRMATCH
AWRMDDJS

AWRMDOPR
AWRMDSRS
AWRMINTK
AWRMPCON
AWRMREAD

AWRMRFL
AWRMRFIN
AWRMRFOT
AWRNCKLK
AWRNJGNR

AWRNJJBR
AWRNJSYR
AWRNORSN
AWRNSACT
AWRNUCTD

AWROPERC
AWROSBSY
AWROSCKP
AWROSEUP
AWROSJDA

AWROSRSC
AWROSSFR
AWROS4WK
AWROUTSP
AWRPERMN

AWRPGFIX
AWRPRCCL
AWRPRDFS
AWRPREFS
AWRPROCN

IATYAWR Cross Reference

Name

AWRPSOPR
AWRPTATM
AWRPVCON
AWRRCPST
AWRRJCNS

AWRRJPIO
AWRRJPUR
AWRRQCNT
AWRSATCH
AWRSCWIC

AWRSDECL
AWRSDEP
AWRSDEPL
AWRSDSLK
AWRSDTCH

AWRSJFTM
AWRSMPLK
AWRSPDRN
AWRSPECR
AWRSPLSP

AWRSQDAV
AWRSRFIN
AWRSRFOT
AWRSSCMP
AWRSSPUR

AWRSTATP
AWRSTCPL
AWRSTORG
AWRSTRTI
AWRSTTMA

AWRSUSPW
AWRSVLLK
AWRSWAFR
AWRSWAPR
AWRSWASP

AWRSWECL
AWRTPMP
AWRTPSC
AWRUSMAX
AWRUSMIN

AWRVARYC
AWRWCHAV
AWRWCHIO
AWRWCHLK
AWRWLRCL

AWRWQPRI
AWRWRTRT
AWRWSPFR
AWRWT4WK

IATYAXWC Information

IATYAXWC Heading Information

Common Name: ASAXWC (Wild Card service) Parameter/Work Area
Macro ID: IATYAXWC
DSECT Name: AXWCSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Any
 Key: User
Size: AXWC SIZE bytes
Created by: IATINIO
Pointed to by: TVTAXWC in IATYTVT
Serialization: NONE
Function: This macro maps the parameter/work area for the MVS macro ASAXWC.

IATYAXWC Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	AXWCSTRT	, Client Token
0	(0)	ADDRESS	4	AXWCPTNA	Address of wild card pattern string
4	(4)	SIGNED	4	AXWCPTNL	Length of wild card pattern string
8	(8)	ADDRESS	4	AXWCSTGA	Address of the string to match
12	(C)	SIGNED	4	AXWCSTGL	Length of the string to match
16	(10)	SIGNED	4	AXWCRETC	ASAXWC return code
20	(14)	CHARACTER	1	AXWC1CHR	Single character identifier
21	(15)	CHARACTER	1	AXWC0MOR	Multiple char identifier
22	(16)	CHARACTER	1	AXWCDELM	Delimiter char identifier
23	(17)	BITSTRING	256	AXWCWORK	ASAXWC work area

Comment

ASAXWC list form

 MACDATE -06/16/09-<0>

End of Comment

0	(0)	X'118'	0	M00M0002	"WCLIST" ++ ASAXWC NAME
280	(118)	DBL WORD	8	WCLIST (0)	++ ASAXWC PARM LIST
280	(118)	CHARACTER	4	WCLIST_XPARMAREA1	++ FIELD_LABEL
284	(11C)	CHARACTER	24	WCLIST_XPARMAREA2	++ FIELD_LABEL
284	(11C)	X'134'	0	WCLIST_PL_END	*** ++ END OF BASE PLIST
280	(118)	ADDRESS	4	WCLIST_XPATTERNSTR_ADDR	++ ADDR
284	(11C)	SIGNED	4	WCLIST_XPATTERNSTRLEN	++
288	(120)	ADDRESS	4	WCLIST_XSTRING_ADDR	++ ADDR
292	(124)	SIGNED	4	WCLIST_XSTRINGLEN	++
296	(128)	ADDRESS	4	WCLIST_XZEROORMORE_ADDR	++ ADDR
300	(12C)	ADDRESS	4	WCLIST_XONECHAR_ADDR	++ ADDR
304	(130)	ADDRESS	4	WCLIST_XDELIMITER_ADDR	++ ADDR
280	(118)	ADDRESS	4	WCLIST_XPPPATTERNINFO_ADDR	++ ADDR
284	(11C)	ADDRESS	4	WCLIST_XPPPATTERNSTR_ADDR	++ ADDR

IATYAXWC Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
288	(120)	SIGNED	4	WCLIST_XPPPATTERNSTRLEN	++ ADDR
292	(124)	ADDRESS	4	WCLIST_XPPZEROORMORE_ADDR	++ ADDR
296	(128)	ADDRESS	4	WCLIST_XPPONECHAR_ADDR	++ ADDR
300	(12C)	ADDRESS	4	WCLIST_XPPDELIMITER_ADDR	++ ADDR
284	(11C)	ADDRESS	4	WCLIST_XPPSTRING_ADDR	++ ADDR
288	(120)	SIGNED	4	WCLIST_XPPSTRINGLEN	++
308	(134)	X'1C'	0	WCLISTL	**"-WCLIST" ++ LENGTH OF PLIST
Comment					
ASAXWC-0					
End of Comment					
0	(0)	X'134'	0	AXWCEND	*** End of IATYAXWC
0	(0)	X'134'	0	AXWCSIZE	"AXWCEND-AXWCSTRT" Size of IATYAXWC

IATYAXWC Cross Reference

Name

AXWCDELM
 AXWCEND
 AXWCPTNA
 AXWCPTNL
 AXWCRETC
 AXWCSIZE
 AXWCSTGA
 AXWCSTGL
 AXWCSTRT
 AXWCWORK
 AXWC0MOR
 AXWC1CHR
 M00M0002
 WCLIST
 WCLIST_PL_END

 WCLIST_XDELIMITER_ADDR

 WCLIST_XONECHAR_ADDR

 WCLIST_XPARMAREA1

 WCLIST_XPARMAREA2

 WCLIST_XPATTERNSTR_ADDR

 WCLIST_XPATTERNSTRLEN

 WCLIST_XPPDELIMITER_ADDR

 WCLIST_XPPONECHAR_ADDR

 WCLIST_XPPPATTERNINFO_ADDR

 WCLIST_XPPPATTERNSTR_ADDR

Name

WCLIST_XPPPATTERNSTRLEN

WCLIST_XPPSTRING_ADDR

WCLIST_XPPSTRINGLEN

WCLIST_XPPZEROORMORE_ADDR

WCLIST_XSTRING_ADDR

WCLIST_XSTRINGLEN

WCLIST_XZEROORMORE_ADDR

WCLISTL

IATYBAL Information

IATYBAL Heading Information

Common Name: DEFINITION OF THE BUFFER ALLOCATOR BLOCK
Macro ID: IATYBAL
DSECT Name: BALSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: BALJ
 Offset: 0
 Length: 4
Storage Attributes: Subpool:
 FSSJSAM - SUBPOOL 241, JSAM - SUBPOOL 230, USAM - SUBPOOL 245
 Key:
 FSSJSAM - User's Key, JSAM - User's Key, USAM - Key 0
Size: Variable
Created by: IATINIO
 IATINM3
 IATDMNC
Pointed to by: FOR JSAM: TVTBALJ OF IATYTVT
 FOR JSAM FSS: BALCHAIN OF IATYBAL
 FOR USAM: SVTBALP OF IATYSVT
 CS
Serialization:
Function: Contains information on the JSAM and USAM
 spool I/O buffer pools including DAT and DMC
 buffer pool addresses and buffer allocator
 bytes.

IATYBAL Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	BALSTART	
0	(0)	CHARACTER	4	BALID	BLOCK ID, 'BALJ' FOR JES & FSS, AND 'BALP' FOR USAM BUFFS
4	(4)	SIGNED	4	BALCHAIN	ADDR OF NEXT BAL ON THE CHAIN
8	(8)	SIGNED	4	BALNEXT	CHAIN FIELD FOR EXPANSIONS
12	(C)	SIGNED	4	BALPREV	POINTER TO PREVIOUS BALJ
16	(10)	SIGNED	4	BALDMCBA	BEGINNING ADDRESS OF DMC POOL
20	(14)	SIGNED	4	BALDMCEA	ENDING ADDRESS OF DMC POOL
24	(18)	SIGNED	4	BALDATBA	- ADDR OF JSAM BUFS OR CSA PBUFS
28	(1C)	SIGNED	4	BALDATEA	- END OF JSAM BUFS OR CSA PBUFS
32	(20)	SIGNED	4	BALXDTBA	BEGINNING ADDR OF JES3AUX PBUFS
36	(24)	SIGNED	4	BALXDTEA	ENDING ADDR OF JES3AUX PBUFS
40	(28)	SIGNED	4	BALBUFCT	- NUM OF BUFFERS IN THE POOL
44	(2C)	SIGNED	4	BALBUFSE	- NUM OF BUFFERS IN USE
48	(30)	CHARACTER	16	BALTRT	- TRANS TABLES USED IN ALLOCAT
64	(40)	SIGNED	4	BAL4KBLK	- NUMBER OF 4K BLOCKS-1
68	(44)	SIGNED	4	BALTVT	ADDR OF TVT
72	(48)	SIGNED	2	BALASID	ADDR SP HOLDING THE DATS (ZERO IF JES3 JSAM BALJ OR USAM BALP)

Comment

```

----- #
THE FOLLOWING FLAG IS SET IN IATABIP THE FIRST TIME #
IT IS INVOKED. ANY FURTHER INVOCATIONS ARE IGNORED, #
THAT IS, IT IMMEDIATELY EXITS. THIS FLAG IS NECESSARY #
BECAUSE IATABIP, AS AN IOS DRIVER, IS CALLED SEVERAL #
TIMES EVENTUALLY WITHOUT CROSS MEMORY AUTHORITY. ONLY #
ONE CALL IS REALLY NECESSARY, SO SETTING THE FLAG PRE- #
VENTS POTENTIAL XMEM AUTHORITY ERRORS. #
----- #
  
```

End of Comment

IATYBAL Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
74	(4A)	BITSTRING	1	BALFLAG	#499
		1...		BALPURGE	"X'80" INVOKE ABIP ONLY ONCE #499
75	(4B)	BITSTRING	1	BALRSVH	RESERVED FOR DEVELOPMENT #499
76	(4C)	SIGNED	4	BALRSVF	RESERVED FOR DEVELOPMENT
80	(50)	SIGNED	4	BALRSVS	- RESERVED FOR SERVICE
84	(54)	SIGNED	4	BALRSVU	- RESERVED FOR USER
88	(58)	SIGNED	4	BALFEND (0)	- END OF FIXED PART OF BLOCK
88	(58)	X'58'	0	BALFSIZE	"BALFEND-BALSTART" - SIZE OF FIXED PART OF BLOCK

Comment

START OF VARIABLE PART OF BLOCK, 1 BYTE PER 4K OF BUFF

End of Comment

88	(58)	CHARACTER	1	BALBALBY	- 1 BUFF ALLOCATOR BYTE PER 4K
----	------	-----------	---	----------	--------------------------------

Comment

DEFINITION OF EACH BUFFER ALLOCATOR BYTE

End of Comment

		1...		BALRSVB0	"X'80" - RESERVED
		.1..		BALRSVB1	"X'40" - RESERVED
		..1.		BALRSVB2	"X'20" - RESERVED
		...1		BALRSVB3	"X'10" - RESERVED
		.... 1...		BALRSVB4	"X'08" - RESERVED
		.... .1..		BALB1ALC	"X'04" - 1ST BUFFER ALLOCATED
		.... ..1.		BALB2ALC	"X'02" - 2ND BUFFER ALLOCATED
		.... ...1		BALB3ALC	"X'01" - 3RD BUFFER ALLOCATED
88	(58)	X'3'	0	BALBABIT	"3" - MAX NUM OF BUFFS PER 4K BLK

IATYBAL Cross Reference

Name

BALASID
 BALBABIT
 BALBALBY
 BALBUFCT
 BALBUFSE
 BALB1ALC
 BALB2ALC
 BALB3ALC
 BALCHAIN
 BALDATBA
 BALDATEA
 BALDMCBA
 BALDMCEA
 BALFEND
 BALFLAG
 BALFSIZE
 BALID
 BALNEXT
 BALPREV
 BALPURGE

Name

BALRSVB0
BALRSVB1
BALRSVB2
BALRSVB3
BALRSVB4

BALRSVF
BALRSVH
BALRSVS
BALRSVU
BALSTART

BALTRT
BALTVT
BALXDTBA
BALXDTEA
BAL4KBLK

IATYBFPX Information

IATYBFPX Heading Information

Common Name: FSA BUFFER PREFIX CONTROL BLOCK
Macro ID: IATYBFPX
DSECT Name: BFPXSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: BFPX
 Offset: 0
 Length: 4
Storage Attributes: Auxiliary Storage: N/A
 Subpool: Specified by FSBXBSP
Size: 16 Bytes
Created by: IATFPCC - WRITER FSA SPECIFIC CONNECT ROUTINE
Pointed to by: IATYFSBX (FSBXABUF) - AVAILABLE BUFFER CHAIN
 IATYINPX (INPXBFA) - THE INDEX BUFFER
 CONTAINS ENTRIES DESCRIBING THE
 RECORDS IN THE SPOOL BUFFER. THE
 CONNECTION IS IN THE INDEX PREFIX.
 IATYBFPX (BFPXCHAN)
Serialization: NONE
Function: The buffer prefix provides the queuing and
 control fields necessary for the management
 of a spool I/O buffer in a Writer FSA Buffer
 Pool.

IATYBFPX Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	BFPXSTRT	DSECT START
0	(0)	CHARACTER	4	BFPXID	CONTROL BLOCK IDENTIFIER
4	(4)	SIGNED	4	BFPXCHAN	POINTER TO THE NEXT BUFFER PREFIX
8	(8)	SIGNED	2	BFPXACC	NUMBER OF ACCESSES DONE FOR THIS BUFFER
10	(A)	SIGNED	2	BFPXREL	NUMBER OF RELEASES DONE FOR THIS BUFFER
12	(C)	SIGNED	2	BFPXRSV1	RESERVED FOR DEVELOPMENT
14	(E)	SIGNED	2	BFPXRSV2	RESERVED FOR SERVICE
16	(10)	SIGNED	4	BFPXBUFF (0)	BUFFER STARTING POINT
16	(10)	X'10'	0	BFPXSIZE	"BFPXBUFF-BFPXSTRT" LENGTH OF THE BUFFER PREFIX

IATYBLK Information

IATYBLK Programming Interface information

Programming Interface information

IATYBLK

The following fields are **NOT** programming interface information:

- BLKACQA
- BLKSAVE

End of Programming Interface information

Heading Information • IATYBLK Map

IATYBLK Heading Information

Common Name: THE BLOCK I/O CONTROL BLOCK
Macro ID: IATYBLK
DSECT Name: BLKSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: BLK
 Offset: 0
 Length: 4
Storage Attributes: Virtual Storage: Private Any
 Subpool: User's Key (subpool 230), Job's Key (subpool 0)
 Key: User's Key
 Residency: Any
Size: 152 Bytes
Created by: USER OF IATXBKIO
Pointed to by: Users of the Block Spooler Function.
Serialization: NONE
Function: The IATYBLK control block is the parameter list for the IATXBKIO service. The caller of the block spooler routines is required to initialize the BLK with the following information using the IATXBKIO macro:

BLKID - The parameter list ID ('BLK') with CALL=YES specified on the IATXBKIO macro.

BLKFUNC - The function request byte used to indicate type of request (ACCESS/READ/WRITE/ RELEASE) by specifying the FUNC= KEYWORD on the IATXBKIO macro.

The following fields may be required depending on the type of request sent to the BLKSPOOLER:

BLKBFAD - The address of the User's data area. For the WRITE FUNCTION, BLKBFAD points to the data to be written to spool. For the READ FUNCTION, BLKBFAD points to the area where the data should be placed after being read from spool. Specify the BUFFER= KEYWORD on the IATXBKIO macro.

BLKSPAD - The spool address (M.R) which points to the location on spool where the user data resides or will reside. On the initial call to the BLKSPOOLER for a MULTI-READ request, BLKSPAD must be initialized with the first spool address of the file. BLKSPAD is updated by the BLKSPOOLER routine and must not be destroyed by the caller on subsequent multi- read calls Specify the SPADR= KEYWORD on the IATXBKIO macro.

BLKRECLN - Specified for WRITE requests. BLKRECLN is the number of bytes of user data to be written to spool at the address specified in BLKSPAD. Specify the RECLN= KEYWORD on the IATXBKIO macro.

BLKFLG1 - Used to indicate special function requests such as Multi-READ or Single Record File requests. (BLKFLG1 also contains specific error and status indicators passed to the caller). Specify the TYPE= or STATUS= keywords on the IATXBKIO macro.

BLKSRFID - The 1-4 character control block ID which is located in the single record file header (mapped by IATYSRF) for JES3 Single-Record spool files. For any single record file requests to the BLKSPOOLER, BLKSRFID must be initialized with the single record file ID and the flag, BLKSRFIO, must be set ON in BLKFLG1. Specify the ID= KEYWORD on the IATXBKIO macro.

BLKASID - The address space ID of the user. Specify the ASID= KEYWORD on the IATXBKIO macro.

IATYBLK Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	BLKSTART	
0	(0)	CHARACTER	4	BLKID	BLOCK IDENTIFICATION
4	(4)	SIGNED	2	BLKASID	USER'S ASID
6	(6)	BITSTRING	1	BLKFUNC	FUNCTION BYTE

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				

FUNCTION BIT SETTINGS					

End of Comment					
		1...		BLKREAD	"X'80" READ FUNCTION
		.1..		BLKWRT	"X'40" WRITE FUNCTION
		..1.		BLKACC	"X'20" ACCESS FUNCTION
		...1		BLKREL	"X'10" RELEASE FUNCTION
7	(7)	BITSTRING	1	BLKFLG1	

DEFINITION OF BLKFLG1					

End of Comment					
		1...		BLKMULT	"X'80" MULTI-READ REQUEST
		.1..		BLKFEOF	"X'40" END OF FILE FOUND
		..1.		BLKFEOM	"X'20" END OF MEMORY RELEASE
		.... 1..		BLKEREOF	"X'08" EARLY END-OF-FILE
		.... .1..		BLKSRFIO	"X'04" SINGLE RECORD FILE REQUEST
		.... ...1		BLKLLHLD	"X'01" Local lock held on entry to 15606T6A IATDMBS 15606T6A
8	(8)	ADDRESS	4	BLKACQA	USER'S ACQ ADDRESS
12	(C)	ADDRESS	4	BLKBFAD	USER'S BUFFER ADDRESS
16	(10)	SIGNED	4	BLKRECLN	RECORD LENGTH FOR WRITE
20	(14)	ADDRESS	4	BLKRECOV	BLKSPooler RECOVERY ADDRESS
24	(18)	BITSTRING	1	BLKSPAD	SPOOL ADDRESS FOR I/O
24	(18)	X'18'	0	BLKSPMOD	"BLKSPAD,L'FDBSPMOD" MODULE NUMBER
24	(18)	X'1A'	0	BLKSPREC	"BLKSPAD+L'FDBSPMOD,L'FDBSPREC" RECORD NUMBER
30	(1E)	BITSTRING	6	BLKFIRST	FIRST DAT ON CHAIN
36	(24)	BITSTRING	6	BLKNEXT	PREV DAT'S DATNEXT FIELD
42	(2A)	BITSTRING	14	BLKCHFDB	CHAIN FDB 0278
56	(38)	SIGNED	4	BLKPREV	ADDRESS OF PREVIOUS DMC
60	(3C)	SIGNED	4	BLKVALID	DAT VALIDATION FIELD
64	(40)	SIGNED	4	BLKSRFID	CNTL BLOCK ID FOR SRF REQ'TS
68	(44)	SIGNED	2	BLKCOUNT	SRF COUNT 0654
70	(46)	SIGNED	2	BLKRSVD	RESERVED FOR DEVELOPMENT 0654
72	(48)	BITSTRING	1	BLKCKEY	CALLER KEY SAVE AREA
73	(49)	BITSTRING	1	BLKRSRS (3)	RESERVED FOR SERVICE
76	(4C)	SIGNED	4	BLKRSRU	RESERVED FOR USER
80	(50)	SIGNED	4	BLKSAVE (18)	SAVE AREA FOR BLKSPooler'S USE
152	(98)	SIGNED	4	BLKSAVE2 (5)	Secondary save area 15606T6A
172	(AC)	SIGNED	4	BLKEND (0)	END OF BLOCK
172	(AC)	X'AC'	0	BLKLNTH	"BLKEND-BLKSTART" LENGTH OF THE BLK

IATYBLK Cross Reference

IATYBLK Cross Reference

Name

BLKACC
BLKACQA
BLKASID
BLKBFAD
BLKCHFDB
BLKCKEY
BLKCOUNT
BLKEND
BLKEREEOF
BLKFEOF
BLKFEOM
BLKFIRST
BLKFLG1
BLKFUNC
BLKID
BLKLLHLD
BLKLNTH
BLKMULT
BLKNEXT
BLKPREV
BLKREAD
BLKRECLN
BLKRECOV
BLKREL
BLKRSRS
BLKRSRU
BLKRSVD
BLKSAVE
BLKSAVE2
BLKSPAD
BLKSPMOD
BLKSPREC
BLKSRFID
BLKSRFIO
BLKSTART
BLKVALID
BLKWRT

IATYBSID Information

IATYBSID Programming Interface information

Programming Interface information

IATYBSID

End of Programming Interface information

Heading Information • IATYBSID Map

IATYBSID Heading Information

Common Name: MAP AND GENERATE BDT SUBSYSTEM INTERFACE DATA AREA
Macro ID: IATYBSID
DSECT Name: BSID
Owning Component: JES3 (SC1BA)
 BDTDBSID IS A COUNTERPART MACRO AND MUST CHANGE
 WHENEVER 'NON-JES3 ONLY' FIELDS IN THIS MACRO
 ARE CHANGED.
Eye-Catcher ID: BSID
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: BSID's reside in GETMAIN areas from BDT address space, subsystem cross-memory, and
 JES3 staging-areas
 Auxiliary Storage: N/A
Size: 220 Bytes
Created by: IATBDCl, BDTCMDV, BDTLP, BDTTQI, IGX00034
Pointed to by: BSIWBSID IN IATYBSIW
 ALSO IN STADATA AREA OF STAGING AREA
Serialization: N/A
Function: IATYBSID is used to map a BDT
 subsystem interface data area.

IATYBSID Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	BSID	
0	(0)	SIGNED	2	BSIDTOTL	TOTAL LENGTH OF BSID
2	(2)	CHARACTER	4	BSIDID	CONTROL BLOCK IDENTIFIER
6	(6)	CHARACTER	4	BSIDVER#	BDT VERSION NUMBER
10	(A)	ADDRESS	2	BSIDFXDL	LENGTH OF FIXED PART OF BSID

Comment

----- #
 BSIDMOD - FIELD DEFINITION #
 ----- #

End of Comment

12	(C)	BITSTRING	1	BSIDMOD	MODIFIER CODE
12	(C)	X'1'	0	BSIDSHTL	"1" SHUTTLE STAGING AREA
12	(C)	X'2'	0	BSIDMSG	"2" BDT MESSAGE
12	(C)	X'3'	0	BSIDXACT	"3" BDT TRANSACTION
12	(C)	X'4'	0	BSIDCMND	"4" BDT COMMAND
12	(C)	X'5'	0	BSIDJCMD	"5" JES COMMAND
12	(C)	X'6'	0	BSIDOFFL	"6" BDT/JES3 INTERFACE OFF-LINE
12	(C)	X'7'	0	BSIDREJT	"7" BDT/JES3 CONNECT REJECTED
12	(C)	X'8'	0	BSIDJMSG	"8" BDT/JES3 JES3 CONSOLE MSG #241
12	(C)	X'9'	0	BSIDNATV	"9" NATIVE BDT TRANSACTION
12	(C)	X'A'	0	BSIDTQIP	"10" TQI POST MESSAGE
12	(C)	X'B'	0	BSIDTQID	"11" TQI AUTO DISABLE MESSAGE
12	(C)	X'C'	0	BSIDBDEV	"12" BEGIN RES FOR DEV MOD CODES

Comment

CODES 1-50 ARE SHARED BY BDT AND JES3
 CODES 51-119 ARE RESERVED FOR USE BY BDT
 CODES 120-127 ARE RESERVED FOR USE BY JES3

End of Comment

12	(C)	X'F'	0	BSIDNOTE	"15" NJE TRANSACTION NOTIFICATION
12	(C)	X'13'	0	BSIDCONT	"19" BDT CONNECT REQUEST
12	(C)	X'14'	0	BSIDSPND	"20" BDT SUSPEND REQUEST
12	(C)	X'16'	0	BSIDRSUM	"22" BDT RESUME REQUEST
12	(C)	X'1E'	0	BSIDNNMR	"30" NJE NODAL MESSAGE RECORD REQ
12	(C)	X'1F'	0	BSIDNMRR	"31" RETURN NMR TO JES3

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
12	(C)	X'51'	0	BSIDNJET	"81" NJE TRANSACTION #027	
12	(C)	X'80'	0	BSIDUSE1	"128" BEGIN RES FOR USER MOD CODES	
Comment						
----- #						
BSIDMCLS - BSID MESSAGE CLASS DEFINITION #						
----- #						
End of Comment						
13	(D)	BITSTRING	1	BSIDMCLS	MESSAGE CLASS	
		1... ..		BSIDBDT	"BIT0" CLASS=BDT	
		.1.		BSIDBAT	"BIT1" CLASS=BATCH	
		..1.		BSIDSYS	"BIT2" CLASS=SYSTEM	
		...1		BSIDNLOG	"BIT3" CLASS=NOLOG	
		.... 1..		BSIDSUPP	"BIT4" CLASS=SUPPRESS #467	
Comment						
----- #						
BSIDFLG1 - BSIDFLG1 DEFINITION #						
----- #						
End of Comment						
14	(E)	BITSTRING	1	BSIDFLG1	BSID FLAG 1	
		1... ..		BSIDSEND	"BIT0" BDT SYSTEM 'SEND' COMMAND	
		.1.		BSIDIDUS	"BIT1" SYSID IS USER-SPECIFIED	
		..1.		BSIDWAIT	"BIT2" SYNCHRONOUS RESP REQUIRED	
		...1		BSIDRPLY	"BIT3" ASYNCHRONOUS RESP EXPECTED	
		.... 1..		BSIDACK	"BIT4" SYNCHRONOUS ACKLDGD REQUIRED	
		.... .1..		BSIDNOLG	"BIT5" SUPPRESS COMMAND LOGGING REQUIRED	
Comment						
----- #						
BSIDFLG2 - BSIDFLG2 DEFINITION #						
----- #						
End of Comment						
15	(F)	BITSTRING	1	BSIDFLG2	BSID FLAG 2	
		.1..		BSIDPRI	"BIT1" PRIORITY TRANSACTION	
		..1.		BSIDPTMN	"BIT2" BSID FREEMAIN TYPE	
		...1		BSIDFILL	"BIT3" JES SHOULD FILL IN JOB NUM FOR THIS BSID	
		.... 1..		BSIDSSNW	"BIT4" IF ON - DO NOT WAIT IN #255 BDTSSBDT FOR TQI CHECKPOINT #255 OF COMMAND OR TRANSACTION #255	
		.... ...1		BSIDJBSI	"BIT7" BSID GETMAINED BY JES3 #255	
Comment						
----- #						
BSIDFLG3 - BSIDFLG3 DEFINITION #						
----- #						
End of Comment						
16	(10)	BITSTRING	1	BSIDFLG3	BSID FLAG 3 - USED INTERN- #255 ALLY TO BDT. NO UPDATE TO #255 IATYBSID IS NECESSARY. #255	
Comment						
----- #						
BSIDFLG4 - BSIDFLG4 DEFINITION #						
----- #						
End of Comment						

IATYBSID Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
17	(11)	BITSTRING	1	BSIDFLG4	BSID FLAG 4 - RES FOR SER
Comment					
BDT TRANSACTION ORIGIN ID MAPPING CHANGE ACTIVITY \$LU= 31-BIT HJS2215 850110 PD1KH: SP2.1.5 \$LX= SP215 HJS2215 850110 PD1KH: SP2.1.5					
End of Comment					
18	(12)	CHARACTER	4	BSIDXHDR	CONTROL BLOCK ACRONYM
22	(16)	CHARACTER	4	BSIDXREL	VERSION RELEASE ID
26	(1A)	ADDRESS	2	BSIDXLEN	XOID LENGTH
28	(1C)	BITSTRING	8	BSIDXBSI	XACTION ORIGIN - BDT SYS ID
36	(24)	BITSTRING	8	BSIDXBSN	XACTION ORIGIN - BDT SYS NAM%PAG0982
44	(2C)	BITSTRING	1	BSIDXTYP	XACTION ORIGIN - TYPE
44	(2C)	X'1'	0	BSIDTSO	"1" TSO USER
44	(2C)	X'2'	0	BSIDJES	"2" JES CONSOLE
44	(2C)	X'3'	0	BSIDBTCH	"3" BATCH JOB
44	(2C)	X'4'	0	BSIDMCS	"4" MCS CONSOLE
44	(2C)	X'5'	0	BSIDLOG	"5" JOB MESSAGE LOG
44	(2C)	X'6'	0	BSIDFCT	"6" BDT FCT
44	(2C)	X'7'	0	BSIDJMC	"7" JES MESSAGE CLASS
Comment					
TYPE 1-50 SHARED BY JES3 AND BDT TYPE 51-119 RESERVED FOR BDT INTERNAL USE ONLY TYPE 120-127 RESERVED FOR JES3 INTERNAL USE ONLY					
End of Comment					
44	(2C)	X'80'	0	BSIDUSER	"128" BEGIN USER DEFINED XOIDXTYP
45	(2D)	BITSTRING	1	BSIDXRDI	RESERVED FOR BDT INTERNAL USE ONLY
46	(2E)	CHARACTER	8	BSIDXDDN (0)	TRANSACTION ORIGIN - DDNAME
46	(2E)	CHARACTER	8	BSIDUSID (0)	TSO USERID
46	(2E)	CHARACTER	8	BSIDCNDD (0)	JES CONSOLE DDNAME
46	(2E)	CHARACTER	8	BSIDJCLS (0)	JES MESSAGE CLASS
46	(2E)	CHARACTER	8	BSIDBJNM (0)	BATCH JOB NAME
46	(2E)	ADDRESS	1	BSIDMCSI (0)	MCS CONSOLE ID
46	(2E)	BITSTRING	2	BSIDBJNO (0)	BDT JOB NUMBER
46	(2E)	BITSTRING	8	BSIDDDRS	DDNAME STORAGE
54	(36)	BITSTRING	4	BSIDMCS4	4-BYTE FORM OF CONSOLE ID
58	(3A)	BITSTRING	4	BSIDXRD3	RESERVED FOR JES3 DEVELOPMNT
62	(3E)	BITSTRING	4	BSIDXRS1	RESERVED FOR BDT SERVICE
66	(42)	BITSTRING	4	BSIDXRS2	RESERVED FOR JES3 SERVICE
70	(46)	BITSTRING	4	BSIDXRU1	RESERVED FOR USER %PAG0982
74	(4A)	BITSTRING	4	BSIDXRU2	RESERVED FOR USER %PAG0982
74	(4A)	X'2F'	0	BSIDMCSA	"BSIDMCSI+1,1,C'C'" MCS CONSOLE UX28 AUTH %PAG0982
74	(4A)	X'4E'	0	BSIDXEND	*** END OF XOID
74	(4A)	X'12'	0	BSIDXOID	"BSIDXHDR,*-BSIDXHDR,C'C'" XOID EQUATE
74	(4A)	X'1C'	0	BSIDXALL	"BSIDXBSI,*-BSIDXBSI,C'C'" BSI EQUATE %PAG0467
78	(4E)	CHARACTER	8	BSIDDEST (0)	DESTINATION
78	(4E)	CHARACTER	8	BSIDORG (0)	ORIGIN
78	(4E)	CHARACTER	8	BSIDSYSI	BDT SYSTEM ID
86	(56)	ADDRESS	2	BSIDJNMC	Compatible with BSIDJNUM - see IATXJBNO macro
88	(58)	SIGNED	4	BSIDUTI (6)	TQI UNIQUE IDENTIFIER (UTI) SIZE MUST BE EQUAL TO THAT GENERATED BY THE BDT MACRO BDTDUTI
112	(70)	ADDRESS	4	BSIDTQI1	TQI UTILITY FIELD
116	(74)	ADDRESS	4	BSIDTQI2	TQI UTILITY FIELD
120	(78)	SIGNED	4	BSIDJES3	JES3 USAGE #027
124	(7C)	SIGNED	2	BSIDVRDL	LENGTH OF SNA NJE VAR SECT #027
126	(7E)	SIGNED	2	BSIDRSI2	RESERVED FOR DEVELOPMENT #027
128	(80)	ADDRESS	4	BSIDJNUM	JES job number of BDT system

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
132	(84)	ADDRESS	4	BSIDRSD4	RESERVED FOR DEVELOPMENT #467	
136	(88)	ADDRESS	4	BSIDRSD5	RESERVED FOR DEVELOPMENT #467	
140	(8C)	ADDRESS	4	BSIDRSD6	RESERVED FOR DEVELOPMENT #467	
144	(90)	ADDRESS	4	BSIDRSD7	RESERVED FOR DEVELOPMENT #467	
148	(94)	ADDRESS	4	BSIDRSD8	RESERVED FOR DEVELOPMENT #467	
152	(98)	CHARACTER	8	BSIDRSD9	RESERVED FOR DEVELOPMENT #467	
160	(A0)	CHARACTER	8	BSIDRSDA	RESERVED FOR DEVELOPMENT #467	
168	(A8)	ADDRESS	4	BSIDRSS1	RESERVED FOR JES3 SERVICE	
172	(AC)	ADDRESS	4	BSIDRSS2	RESERVED FOR JES3-BDT COMMON SERVICE	
176	(B0)	ADDRESS	4	BSIDRSS3	RESERVED FOR BDT SERVICE	
180	(B4)	ADDRESS	4	BSIDRSS4	RESERVED FOR BDT SERVICE	
184	(B8)	ADDRESS	4	BSIDRSU1	RESERVED FOR USER	
188	(BC)	ADDRESS	4	BSIDRSU2	RESERVED FOR USER	
192	(C0)	SIGNED	4	BSIDFEND (0)	ALIGN TO FULLWORD	
192	(C0)	X'0'	0	BSIDFIXD	"BSID,*-BSID,C'X'" FIXED LENGTH OF BSID	
192	(C0)	X'C0'	0	BSIDMINL	"L'BSIDFIXD" MINIMUM LENGTH OF BSID	
192	(C0)	X'E00'	0	BSIDMAXL	"3584" MAXIMUM LENGTH OF BSID #467 2	
Comment						
----- #						
VARIABLE PART OF THE BSID #						
----- #						
End of Comment						
192	(C0)	SIGNED	4	BSIDDATA (0)	BEGINNING OF VARIABLE DATA	
Comment						
3 LINES DELETED FOR PTM PBU0027 #						
End of Comment						
192	(C0)	SIGNED	4	BSIDNJE (0)	BDT EXTENSION FOR NJE	
Comment						
BSIDVAR DC H'00' LENGTH OF SNA NJE VAR SECT #						
----- #						
BSIDEVNT - BBDT EVENT FIELD DEFINITION #						
----- #						
End of Comment						
192	(C0)	CHARACTER	1	BSIDEVNT	BDT EVENT FIELD	
192	(C0)	X'1'	0	BSIDTRNQ	"1" TRANSACTION QUEUED	
192	(C0)	X'2'	0	BSIDABNR	"2" TRANSACTION ABNORMAL COMPLETION	
192	(C0)	X'3'	0	BSIDCANC	"3" TRANSACTION CANCELLED BY OPER	
192	(C0)	X'4'	0	BSIDDUPE	"4" TRANSACTION IS A DUPLICATE	
192	(C0)	X'5'	0	BSIDOPRC	"5" TRANSACTION NOT QUEUED - NODE IS NOT AN NJE NODE.	
192	(C0)	X'6'	0	BSIDOPRX	"6" TRANSACTION REMOVED FROM QUEUE- NODE HAS BEEN REMOVED.	
192	(C0)	X'7'	0	BSIDNCAN	"7" CANCEL REQUEST JOB NOT FOUND	
192	(C0)	X'8'	0	BSIDNEV2	"8" RESERVED	
192	(C0)	X'9'	0	BSIDNEV3	"9" RESERVED	
192	(C0)	X'A'	0	BSIDNJOB	"10" JOB NOT FOUND	
192	(C0)	X'B'	0	BSIDNEV4	"11" RESERVED	
192	(C0)	X'C'	0	BSIDNEV5	"12" RESERVED	
192	(C0)	X'D'	0	BSIDNEV6	"13" RESERVED	
192	(C0)	X'E'	0	BSIDNEV7	"14" RESERVED	
192	(C0)	X'F'	0	BSIDNEV8	"15" RESERVED	
192	(C0)	X'10'	0	BSIDNEV9	"16" RESERVED	
192	(C0)	X'11'	0	BSIDNE10	"17" RESERVED	
192	(C0)	X'12'	0	BSIDNE11	"18" RESERVED	
192	(C0)	X'13'	0	BSIDNE12	"19" RESERVED	
192	(C0)	X'14'	0	BSIDNORC	"20" NORMAL CONNECT REQUESTED	

IATYBSID Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
192	(C0)	X'15'	0	BSIDABNC	"21" ABNORMAL CONNECT REQUESTED
193	(C1)	CHARACTER	1	BSIDDTR1	RESERVED
194	(C2)	CHARACTER	8	BSIDJGID	JES3 GROUP ID
202	(CA)	SIGNED	2	BSIDBJOB	BDT JOB NUMBER
204	(CC)	CHARACTER	8	BSIDJOBN	JES3 JOB NAME
212	(D4)	CHARACTER	8	BSIDJOB	JES3 JOB ID
220	(DC)	SIGNED	4	BSIDVEND (0)	END OF VARIABLE DATA #027
220	(DC)	X'C0'	0	BSIDVARL	"BSIDDATA,BSIDVEND-BSIDDATA,C'X'" BSID VAR PART #027 05279SLD
220	(DC)	X'4E'	0	BSIDNOD	"BSIDDEST" DESTINATION NODE NAME #027
220	(DC)	X'C2'	0	BSIDNMRD	"BSIDDATA+2" BEGINNING OF NMR 0082
220	(DC)	X'C0'	0	BSIDNMRL	"BSIDDATA,2,C'X'" LENGTH OF NMR IN VAR PART 0082
220	(DC)	X'0'	0	BSIDMTXT	"BSID,BSIDFEND-BSID,C'X'" Fixed length of BSID 0011

IATYBSID Cross Reference

Name

BSID
 BSIDABNC
 BSIDABNR
 BSIDACK
 BSIDBAT
 BSIDBDEV
 BSIDBDT
 BSIDBJNM
 BSIDBJNO
 BSIDBJOB
 BSIDBTCH
 BSIDCANC
 BSIDCMND
 BSIDCNDD
 BSIDCONT
 BSIDDATA
 BSIDDDRS
 BSIDDEST
 BSIDNOD
 BSIDDTR1
 BSIDDUPE
 BSIDEVNT
 BSIDFCT
 BSIDFEND
 BSIDFILL
 BSIDFIXD
 BSIDFLG1
 BSIDFLG2
 BSIDFLG3
 BSIDFLG4
 BSIDFXDL
 BSIDID
 BSIDIDUS
 BSIDJBSI
 BSIDJCLS
 BSIDJCMD
 BSIDJES
 BSIDJES3
 BSIDJGID
 BSIDJOB

Name

BSIDJMC
BSIDJMSG
BSIDJNMC
BSIDJNUM
BSIDJOBN

BSIDLOG
BSIDMAXL
BSIDMCLS
BSIDMCS
BSIDMCSA

BSIDMCSI
BSIDMCS4
BSIDMESG
BSIDMINL
BSIDMOD

BSIDMTXT
BSIDNATV
BSIDNCAN
BSIDNEV2
BSIDNEV3

BSIDNEV4
BSIDNEV5
BSIDNEV6
BSIDNEV7
BSIDNEV8

BSIDNEV9
BSIDNE10
BSIDNE11
BSIDNE12
BSIDNJE

BSIDNJET
BSIDNJOB
BSIDNLOG
BSIDNMRD
BSIDNMRL

BSIDNMRR
BSIDNNMR
BSIDNOLG
BSIDNORC
BSIDNOTE

BSIDOFFL
BSIDOPRC
BSIDOPRX
BSIDORG
BSIDPRI

BSIDPTMN
BSIDREJT
BSIDRPLY
BSIDRSDA
BSIDRSD2

BSIDRSD4
BSIDRSD5
BSIDRSD6
BSIDRSD7
BSIDRSD8

BSIDRSD9
BSIDRSS1
BSIDRSS2
BSIDRSS3
BSIDRSS4

IATYBSID Cross Reference

Name

BSIDRSUM
BSIDRSU1
BSIDRSU2
BSIDSEND
BSIDSHTL

BSIDSPND
BSIDSSNW
BSIDSUPP
BSIDSYS
BSIDSYSI

BSIDTOTL
BSIDTQID
BSIDTQIP
BSIDTQI1
BSIDTQI2

BSIDTRNQ
BSIDTSO
BSIDUSER
BSIDUSE1
BSIDUSID

BSIDUTI
BSIDVARL
BSIDVEND
BSIDVER#
BSIDVRDL

BSIDWAIT
BSIDXACT
BSIDXALL
BSIDXBSI
BSIDXBSN

BSIDXDDN
BSIDXEND
BSIDXHDR
BSIDXLEN
BSIXOID

BSIXRD1
BSIXRD3
BSIXREL
BSIXRS1
BSIXRS2

BSIXRU1
BSIXRU2
BSIXTYP

IATYBWA Information

IATYBWA Heading Information

Common Name: Spool browse core buffer processing Work Area
Macro ID: IATYBWA
DSECT Name: BWASTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: BWA
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: CSA
 Subpool: 231
 Key: zero
 Residency: 31
Size: BWASIZE bytes
Created by: IATDMEB2 *11485TAC
Pointed to by: DSBCBWKA in IATYDSB
Serialization: NONE
Function: This macro maps the parameter/work area for the core buffer processing during spool browse.

IATYBWA Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	BWASTART	Browse work area
0	(0)	CHARACTER	4	BWAID	BWA identifier
4	(4)	BITSTRING	1	BWAVER	Version number
		.... ..1		BWAVER01	"X'01" Version number 1
4	(4)	X'1'	0	BWACVER	"BWAVER01" Current version
5	(5)	BITSTRING	1	BWAMPSEQ	SPOOL writer job's processor sequence number
6	(6)	BITSTRING	2	BWARSVD2	Reserved for IBM
8	(8)	ADDRESS	4	BWASRTN	Address of SRB routine
12	(C)	ADDRESS	4	BWASVT	SVT address
16	(10)	ADDRESS	4	BWAFRRAD	FRR address
20	(14)	ADDRESS	4	BWANXDMC	Next DMC address to process for multiple core buffer
24	(18)	SIGNED	4	BWABUFDL	Buffer data size
28	(1C)	SIGNED	4	BWAJNUM	Job key for buffer
32	(20)	CHARACTER	8	BWADDNAM	Data set name for buffer
40	(28)	BITSTRING	6	BWASPLAD	Spool address for current buffer
46	(2E)	BITSTRING	8	BWASTKN	Target address space token
54	(36)	SIGNED	2	BWAASID	Job's address space ID
56	(38)	BITSTRING	1	BWARETC	Return code from SRB

Comment

 Return code values of core buffer processing.

End of Comment

56	(38)	X'0'	0	BWAOK	"00" Processing successful
56	(38)	X'4'	0	BWABUSY	"04" Busy return from DMEBCBUF
56	(38)	X'8'	0	BWAERROR	"08" Error return from DMEBCBUF
56	(38)	X'FF'	0	BWAINIT	"FF" Return code not set
57	(39)	BITSTRING	1	BWAFLAG1	Flag byte 1

Comment

 Definition of BWAFLAG1

End of Comment

IATYBWA Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		1...		BWAMCBUF	"X'80" Multiple core buffer process
		.1..		BWANCBUF	"X'40" Nth core buffer in progress
		..1.		BWABFCKP	"X'20" Target file has used buffer 10343S2A checkpoint 10343S2A
		...1		BWACBF	"X'10" Source file needs core bufs 10343S2A
		.... 1..		BWANOACT	"X'08" SPOOL writer job found not active on target system
		.... .1..		BWAMSCBF	"X'04" Multisystem core buffer request
		.... ..1.		BWALCKS	"X'02" Both CMS & Local locks held
		.... ...1		BWAFL101	"X'01" Reserved bit for IBM
58	(3A)	BITSTRING	2	BWARSVD1	Reserved for IBM

Comment

Return status information from IEAMSCHD.

End of Comment

60	(3C)	ADDRESS	4	BWASCC@	SRB Completion code address
64	(40)	ADDRESS	4	BWASCR@	SRB Return code address
68	(44)	ADDRESS	4	BWASCS@	SRB Reason code address
72	(48)	SIGNED	4	BWASCCC	SRB completion code
76	(4C)	SIGNED	4	BWASCRC	SRB Return code
80	(50)	SIGNED	4	BWASCRS	SRB Reason code
84	(54)	ADDRESS	4	BWACBDSS	Browsed DSS address 10343S2A
88	(58)	SIGNED	4	BWARSVD3 (10)	Reserved for IBM

Comment

List macro of IEAMSCHD.

IEAMSCHD PLISTVER=2, 16603TAAX

End of Comment

0	(0)	X'80'	0	M00M0002	"BWASCHA" ++ IEAMSCHD NAME
128	(80)	DBL WORD	8	BWASCHA (0)	++ IEAMSCHD PARM LIST
128	(80)	BITSTRING	1	BWASCHA_XVERSION	++ INPUT XVERSION
129	(81)	BITSTRING	1	BWASCHA_XFLAG1	++ FIELD_LABEL
		.... 1..		BWASCHA_XENV_STOKEN	"B'00001000" ++ XENV.STOKEN KEYWORD
		.... .1..		BWASCHA_XENV_FULLXM	"B'00000100" ++ XENV.FULLXM KEYWORD
		.... ..1.		BWASCHA_XENV_PRIMARY	"B'00000010" ++ XENV.PRIMARY KEYWORD
		.... ...1		BWASCHA_XENV_HOME	"B'00000001" ++ XENV.HOME KEYWORD
130	(82)	BITSTRING	1	BWASCHA_XFLAG2	++ FIELD_LABEL
		.1..		BWASCHA_KEYUSED_SRBIDTOKEN	"B'01000000" ++ KEYUSED.SRBIDTOKEN KEYWORD
		..1.		BWASCHA_KEYUSED_DUALPOOLTOKEN	"B'00100000" ++ KEYUSED.DUALPOOLTOKEN KEYWORD
		...1		BWASCHA_XSYNCH_YES	"B'00010000" ++ XSYNCH.YES KEYWORD
		.... 1..		BWASCHA_KEYUSED_KEYVALUE	"B'00001000" ++ KEYUSED.KEYVALUE KEYWORD
		.... .1..		BWASCHA_XLLOCK_YES	"B'00000100" ++ XLLOCK.YES KEYWORD
		.... ..1.		BWASCHA_XFEATURE_CPMASK	"B'00000010" ++ XFEATURE.CPMASK KEYWORD

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... ...1		BWASCHA_XFEATURE_CRYPTO	"B'00000001" ++ XFEATURE.CRYPTO KEYWORD
131	(83)	BITSTRING	1	BWASCHA_XFLAG3	++ FIELD_LABEL
		..1.		BWASCHA_XPRIORITY_CLIENT	"B'00100000" ++ XPRIORITY.CLIENT KEYWORD
		...1		BWASCHA_XPRIORITY_ENCLAVE	"B'00010000" ++ XPRIORITY.ENCLAVE KEYWORD
		.... 1...		BWASCHA_XPRIORITY_PREEMPT	"B'00001000" ++ XPRIORITY.PREEMPT KEYWORD
		.... .1..		BWASCHA_XPRIORITY_CURRENT	"B'00000100" ++ XPRIORITY.CURRENT KEYWORD
		.... ..1.		BWASCHA_XPRIORITY_GLOBAL	"B'00000010" ++ XPRIORITY.GLOBAL KEYWORD
		.... ...1		BWASCHA_XPRIORITY_LOCAL	"B'00000001" ++ XPRIORITY.LOCAL KEYWORD
132	(84)	ADDRESS	4	BWASCHA_XEPADDR	++
136	(88)	BITSTRING	8	BWASCHA_XTARGETSTOKEN	++
144	(90)	CHARACTER	8	BWASCHA_XENCLAVETOKEN	++
152	(98)	BITSTRING	1	BWASCHA_XMINORPRIORITY	++
153	(99)	BITSTRING	1	BWASCHA_XKEYVALUE	++
154	(9A)	BITSTRING	2	BWASCHA_XCPUMASK	++
156	(9C)	SIGNED	4	BWASCHA_XPARAM	++
160	(A0)	ADDRESS	4	BWASCHA_XFRRADDR	++
164	(A4)	ADDRESS	4	BWASCHA_XRMTRADDR	++
168	(A8)	BITSTRING	8	BWASCHA_XPURGESTOKEN	++
176	(B0)	ADDRESS	4	BWASCHA_XPTCBADDR	++
180	(B4)	BITSTRING	8	BWASCHA_XCLIENTSTOKEN	++
188	(BC)	ADDRESS	4	BWASCHA_XSYNCHCOMPADDR	++
192	(C0)	ADDRESS	4	BWASCHA_XSYNCHCODEADDR	++
196	(C4)	ADDRESS	4	BWASCHA_XSYNCHRSNADDR	++
200	(C8)	CHARACTER	16	BWASCHA_XDUALPOOLTOKEN	++
200	(C8)	X'D8'	0	BWASCHA_PL_END	"" ++ END OF BASE PLIST
160	(A0)	CHARACTER	3	BWASCHA_XRSV0001	++ RESERVED
163	(A3)	BITSTRING	1	BWASCHA_XFRRFLAG	++ FIELD_LABEL
		.... ...1		BWASCHA_XSDWALOC31_YES	"B'00000001" ++ XSDWALOC31.YES KEYWORD
216	(D8)	X'58'	0	BWASCHAL	""-BWASCHA" ++ LENGTH OF PLIST

IATYBWA Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				

IEAMSCHD-4					

JESXCF data and macro list definitions					

End of Comment					
216	(D8)	CHARACTER	16	BWAMBOX	JES3 AUX mailbox name
232	(E8)	CHARACTER	16	BWAMBRN (0)	Member name for JESXCF ATTACH
232	(E8)	CHARACTER	8	BWAMBRN1	Member name text for part 1
240	(F0)	CHARACTER	8	BWAMBRN2	Member name system part 2
248	(F8)	CHARACTER	8	BWAMSGTK	Message Token
256	(100)	ADDRESS	4	BWACBWKA	Beginning address of BWA
260	(104)	SIGNED	4	BWALEN	BWA size
264	(108)	SIGNED	4	BWABRETC	Return Code from Send Msg
268	(10C)	SIGNED	4	BWABRESC	Reason Code from Send Msg
272	(110)	SIGNED	4	BWARESPD	Response Data Address
276	(114)	SIGNED	4	BWARESPL	Response Data Length MACDATE -10/16/01-<2>
0	(0)	X'118'	0	M00M0005	"BWAIXSM" ++ IXZXIXSM NAME
280	(118)	DBL WORD	8	BWAIXSM (0)	++ IXZXIXSM PARM LIST
280	(118)	BITSTRING	1	BWAIXSM_XVERSION	++ INPUT XVERSION
281	(119)	CHARACTER	6	BWAIXSM_XEYECATCH	++ CONSTANT XEYECATCH
287	(11F)	BITSTRING	1	BWAIXSM_XMSGATTR	++ INPUT
		1...		BWAIXSM_XMSGATTR_J3CONNECT	"B'10000000" ++ XMSGATTR.J3CONNECT KEYWORD
		.1..		BWAIXSM_XMSGATTR_EXPRESS	"B'01000000" ++ XMSGATTR.EXPRESS KEYWORD
288	(120)	CHARACTER	16	BWAIXSM_XMBOXNAME	++ XMBOXNAME
304	(130)	CHARACTER	16	BWAIXSM_XMEMBER	++ XMEMBER
320	(140)	ADDRESS	4	BWAIXSM_XDATA	++ XDATA
324	(144)	SIGNED	4	BWAIXSM_XDATALEN	++ XDATALEN
328	(148)	BITSTRING	8	BWAIXSM_XREQTOKEN	++ XREQTOKEN
336	(150)	CHARACTER	16	BWAIXSM_XREQMBOX	++ XREQMBOX
352	(160)	SIGNED	4	BWAIXSM_XDATAALET	++ XDATAALET
356	(164)	SIGNED	4	BWAIXSM_XRESPDALT	++ XRESPDALT
360	(168)	SIGNED	4	BWAIXSM_XECB	++ XECB
364	(16C)	SIGNED	4	BWAIXSM_XEXIT	++ XEXIT
368	(170)	BITSTRING	8	BWAIXSM_XCONNECT	++ XCONNECT
376	(178)	SIGNED	4	BWAIXSM_XGROUPTOKEN	++ XGROUPTOKEN
380	(17C)	SIGNED	4	BWAIXSM_XUSERRC	++ XUSERRC
384	(180)	SIGNED	4	BWAIXSM_XRESPDATA	++ XRESPDATA
388	(184)	SIGNED	4	BWAIXSM_XRESPDLEN	++ XRESPDLEN
392	(188)	CHARACTER	4	BWAIXSM_XRSV00001	++ RESERVED XRSV00001
396	(18C)	BITSTRING	8	BWAIXSM_XMSGTOKEN	++ XMSGTOKEN

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
404	(194)	SIGNED	4	BWAIXSM_XRIPSIZE	++ XRIPSIZE
408	(198)	BITSTRING	1	BWAIXSM_XREQTYPE	++ INPUT
		1...		BWAIXSM_XREQTYPE_ASYNC	"B'10000000" ++ XREQTYPE.ASYNC KEYWORD
		.1..		BWAIXSM_XREQTYPE_SYNC	"B'01000000" ++ XREQTYPE.SYNC KEYWORD
		..1.		BWAIXSM_XREQTYPE_ASYNCACK	"B'00100000" ++ XREQTYPE.ASYNCACK KEYWORD
		...1		BWAIXSM_XREQTYPE_COMM	"B'00010000" ++ XREQTYPE.COMM KEYWORD
409	(199)	BITSTRING	1	BWAIXSM_XSEGTYPE	++ INPUT
		1...		BWAIXSM_XSEGTYPE_SINGLE	"B'10000000" ++ XSEGTYPE.SINGLE KEYWORD
		.1..		BWAIXSM_XSEGTYPE_FIRST	"B'01000000" ++ XSEGTYPE.FIRST KEYWORD
		..1.		BWAIXSM_XSEGTYPE_MIDDLE	"B'00100000" ++ XSEGTYPE.MIDDLE KEYWORD
		...1		BWAIXSM_XSEGTYPE_LAST	"B'00010000" ++ XSEGTYPE.LAST KEYWORD
		.... 1...		BWAIXSM_XSEGTYPE_ABORT	"B'00001000" ++ XSEGTYPE.ABORT KEYWORD
410	(19A)	BITSTRING	1	BWAIXSM_XKEYS	++ FIELD_LABEL
		1...		BWAIXSM_KEYUSED_REQTYPE	"B'10000000" ++ KEYUSED.REQTYPE KEYWORD
		.1..		BWAIXSM_KEYUSED_REQTOKEN	"B'01000000" ++ KEYUSED.REQTOKEN KEYWORD
		..1.		BWAIXSM_KEYUSED_REQMBOX	"B'00100000" ++ KEYUSED.REQMBOX KEYWORD
		...1		BWAIXSM_KEYUSED_EXIT	"B'00010000" ++ KEYUSED.EXIT KEYWORD
		.... 1...		BWAIXSM_KEYUSED_SEGTYPE	"B'00001000" ++ KEYUSED.SEGTYPE KEYWORD
		.... .1..		BWAIXSM_KEYUSED_CONNECT	"B'00000100" ++ KEYUSED.CONNECT KEYWORD
		.... ..1.		BWAIXSM_KEYUSED_MSGTOKEN	"B'00000010" ++ KEYUSED.MSGTOKEN KEYWORD
		.... ...1		BWAIXSM_KEYUSED_MSGATTR	"B'00000001" ++ KEYUSED.MSGATTR KEYWORD
411	(19B)	BITSTRING	1	BWAIXSM_XKEYS1	++ FIELD_LABEL
		1...		BWAIXSM_KEYUSED_ECB	"B'10000000" ++ KEYUSED.ECB KEYWORD
		.1..		BWAIXSM_KEYUSED_DATAALET	"B'01000000" ++ KEYUSED.DATAALET KEYWORD
		..1.		BWAIXSM_KEYUSED_RELEASE_CADS	"B'00100000" ++ KEYUSED.RELEASE_CADS KEYWORD
		...1		BWAIXSM_KEYUSED_RIPSIZE	"B'00010000" ++ KEYUSED.RIPSIZE KEYWORD
411	(19B)	X'84'	0	BWAIXSML	** -BWAIXSM" ++ LENGTH OF PLIST

Comment

IXZXISM-2
MACDATE -11/12/03-<1>

End of Comment

0	(0)	X'1A0'	0	M00M0006	"BWAIXAC" ++ IXZXIAC NAME
416	(1A0)	DBL WORD	8	BWAIXAC (0)	++ IXZXIAC PARM LIST
416	(1A0)	BITSTRING	1	BWAIXAC_XVERSION	++ INPUT XVERSION

IATYBWA Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
417	(1A1)	CHARACTER	6	BWAIXAC_XEYECATCH	++ CONSTANT XEYECATCH
423	(1A7)	BITSTRING 1... .... .1..	1	BWAIXAC_XSTB BWAIXAC_XSTB_NO BWAIXAC_XSTB_YES	++ INPUT "B'10000000" ++ XSTB.NO KEYWORD "B'01000000" ++ XSTB.YES KEYWORD
424	(1A8)	BITSTRING	8	BWAIXAC_XMSGTOKEN	++ XMSGTOKEN
432	(1B0)	ADDRESS	4	BWAIXAC_XDATA	++ XDATA
436	(1B4)	SIGNED	4	BWAIXAC_XDATALEN	++ XDATALEN
440	(1B8)	SIGNED	4	BWAIXAC_XUSERRC	++ XUSERRC
444	(1BC)	SIGNED	4	BWAIXAC_XGROUPTOKEN	++ XGROUPTOKEN
448	(1C0)	SIGNED	4	BWAIXAC_XSYSRC	++ XSYSRC
452	(1C4)	SIGNED	4	BWAIXAC_XSYSRSN	++ XSYSRSN
456	(1C8)	BITSTRING 1... .... .1.. .... ..1. .... ...1 1...	1	BWAIXAC_XKEYS BWAIXAC_KEYUSED_DATA BWAIXAC_KEYUSED_DATALEN BWAIXAC_KEYUSED_USERRC BWAIXAC_KEYUSED_SYSRC BWAIXAC_KEYUSED_SYSRSN	++ FIELD_LABEL "B'10000000" ++ KEYUSED.DATA KEYWORD "B'01000000" ++ KEYUSED.DATALEN KEYWORD "B'00100000" ++ KEYUSED.USERRC KEYWORD "B'00010000" ++ KEYUSED.SYSRC KEYWORD "B'00001000" ++ KEYUSED.SYSRSN KEYWORD
457	(1C9)	BITSTRING 1... .... .1..	1	BWAIXAC_XMSGATTR BWAIXAC_XMSGATTR_J3CONNECT BWAIXAC_XMSGATTR_EXPRESS	++ INPUT "B'10000000" ++ XMSGATTR.J3CONNECT KEYWORD "B'01000000" ++ XMSGATTR.EXPRESS KEYWORD
457	(1C9)	X'2A'	0	BWAIXACL	**BWAIXAC" ++ LENGTH OF PLIST
Comment					
IXZXIXAC-1					
End of Comment					
464	(1D0)	DBL WORD	8	BWAEND (0)	
464	(1D0)	X'1D0'	0	BWASIZE	"BWAEND-BWASTART" Size of browse work area
Comment					
----- Start of data buffer. -----					
End of Comment					
464	(1D0)	CHARACTER	1	BWACBUF (0)	Location of buffer for move

IATYBWA Cross Reference**Name**

BWAASID
BWABFCKP
BWABRESC
BWABRETC
BWABUFDL

BWABUSY
BWACBDSS
BWACBF
BWACBUF
BWACBWKA

BWACVER
BWADDNAM
BWAEND
BWAERROR
BWAFLAG1

BWAFL101
BWAFRRAD
BWAID
BWAINIT
BWAIXAC

BWAIXAC_KEYUSED_DATA

BWAIXAC_KEYUSED_DATALEN

BWAIXAC_KEYUSED_SYSRC

BWAIXAC_KEYUSED_SYSRSN

BWAIXAC_KEYUSED_USERRC

BWAIXAC_XDATA

BWAIXAC_XDATALEN

BWAIXAC_XEYECATCH

BWAIXAC_XGROUPTOKEN

BWAIXAC_XKEYS

BWAIXAC_XMSGATTR

BWAIXAC_XMSGATTR_EXPRESS

BWAIXAC_XMSGATTR_J3CONNECT

BWAIXAC_XMSGTOKEN

BWAIXAC_XSTB
BWAIXAC_XSTB_NO

BWAIXAC_XSTB_YES

BWAIXAC_XSYSRC

IATYBWA Cross Reference

Name

BWAIXAC_XSYSRSN

BWAIXAC_XUSERRC

BWAIXAC_XVERSION

BWAIXACL

BWAIXSM

BWAIXSM_KEYUSED_CONNECT

BWAIXSM_KEYUSED_DATAALET

BWAIXSM_KEYUSED_ECB

BWAIXSM_KEYUSED_EXIT

BWAIXSM_KEYUSED_MSGATTR

BWAIXSM_KEYUSED_MSGTOKEN

BWAIXSM_KEYUSED_RELEASE_CADS

BWAIXSM_KEYUSED_REQMBOX

BWAIXSM_KEYUSED_REQTOKEN

BWAIXSM_KEYUSED_REQTYPE

BWAIXSM_KEYUSED_RIPSIZE

BWAIXSM_KEYUSED_SEGTYPE

BWAIXSM_XCONNECT

BWAIXSM_XDATA

BWAIXSM_XDATAALET

BWAIXSM_XDATALEN

BWAIXSM_XECB

BWAIXSM_XEXIT

BWAIXSM_XEYECATCH

BWAIXSM_XGROUPTOKEN

BWAIXSM_XKEYS

BWAIXSM_XKEYS1

BWAIXSM_XMBOXNAME

BWAIXSM_XMEMBER

BWAIXSM_XMSGATTR

BWAIXSM_XMSGATTR_EXPRESS

BWAIXSM_XMSGATTR_J3CONNECT

Name

BWAIXSM_XMSGTOKEN
BWAIXSM_XREQMBOX
BWAIXSM_XREQTOKEN
BWAIXSM_XREQTYPE
BWAIXSM_XREQTYPE_ASYNC
BWAIXSM_XREQTYPE_ASYNCACK
BWAIXSM_XREQTYPE_COMM
BWAIXSM_XREQTYPE_SYNC
BWAIXSM_XRESPDALT
BWAIXSM_XRESPDATA
BWAIXSM_XRESPDLEN
BWAIXSM_XRIPSIZE
BWAIXSM_XRSV00001
BWAIXSM_XSEGTYPE
BWAIXSM_XSEGTYPE_ABORT
BWAIXSM_XSEGTYPE_FIRST
BWAIXSM_XSEGTYPE_LAST
BWAIXSM_XSEGTYPE_MIDDLE
BWAIXSM_XSEGTYPE_SINGLE
BWAIXSM_XUSERRC
BWAIXSM_XVERSION
BWAIXSML
BWAJNUM
BWALCKS
BWALEN
BWAMBOX
BWAMBRN
BWAMBRN1
BWAMBRN2
BWAMCBUF
BWAMPSEQ
BWAMSCBF
BWAMSGTK
BWANCBUF
BWANOACT
BWANXDMC
BWAOK
BWARESPD

IATYBWA Cross Reference

Name

BWARESPL
BWARETC
BWARSVD1
BWARSVD2
BWARSVD3

BWARESCC@
BWARESCCC
BWARESCHA
BWARESCHA_KEYUSED_DUALPOOLTOKEN

BWARESCHA_KEYUSED_KEYVALUE

BWARESCHA_KEYUSED_SRBIDTOKEN

BWARESCHA_PL_END

BWARESCHA_XCLIENTSTOKEN

BWARESCHA_XCPUMASK

BWARESCHA_XDUALPOOLTOKEN

BWARESCHA_XENCLAVETOKEN

BWARESCHA_XENV_FULLLXM

BWARESCHA_XENV_HOME

BWARESCHA_XENV_PRIMARY

BWARESCHA_XENV_STOKEN

BWARESCHA_XEPADDR

BWARESCHA_XFEATURE_CPMASK

BWARESCHA_XFEATURE_CRYPTO

BWARESCHA_XFLAG1

BWARESCHA_XFLAG2

BWARESCHA_XFLAG3

BWARESCHA_XFRRADDR

BWARESCHA_XFRRFLAG

BWARESCHA_XKEYVALUE

BWARESCHA_XLLOCK_YES

BWARESCHA_XMINORPRIORITY

BWARESCHA_XPARAM

BWARESCHA_XPRIORITY_CLIENT

BWARESCHA_XPRIORITY_CURRENT

Name

BWASCHA_XPRIORITY_ENCLAVE

BWASCHA_XPRIORITY_GLOBAL

BWASCHA_XPRIORITY_LOCAL

BWASCHA_XPRIORITY_PREEMPT

BWASCHA_XPTCBADDR

BWASCHA_XPURGESTOKEN

BWASCHA_XRMTRADDR

BWASCHA_XRSV0001

BWASCHA_XSDWALOC31_YES

BWASCHA_XSYNCH_YES

BWASCHA_XSYNCHCODEADDR

BWASCHA_XSYNCHCOMPADDR

BWASCHA_XSYNCHRSNADDR

BWASCHA_XTARGETSTOKEN

BWASCHA_XVERSION

BWASCHAL

BWASCR@

BWASCRC

BWASCRC

BWASCRS

BWASCS@

BWASIZE

BWASPLAD

BWASRTN

BWASTART

BWASTKN

BWASVT

BWAVER

BWAVER01

M00M0002

M00M0005

M00M0006

IATYCAT Information

IATYCAT Heading Information

Common Name: Catalog Allocate/Unallocate Parameter Lists
Macro ID: IATYCAT
DSECT Name: CATASTRT, CATUSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: SUBPOOL 0
 Auxiliary Storage: N/A
Size: 1st section: 56 Bytes, 2nd section: 56 Bytes
Created by: IATLVAT
Pointed to by: LCTALLOC in IATYLCT
 LCTUNALC in IATYLCT
Serialization: NONE
Function: The CAT defines the parameter lists and options flags that are used to allocate catalogs via IEFAB4F5, and to deallocate catalogs via IEFAB4F4

IATYCAT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	CATASTRT	, Start of Catalog Allocate Parameter List
0	(0)	ADDRESS	4	CATACTLA	Addr. of Allocate Controls
4	(4)	ADDRESS	4	CATARTNA	Addr. of Return Code Pointer
8	(8)	ADDRESS	4	CATAJSCA	Addr. of JSCB Pointer
12	(C)	ADDRESS	4	CATADSNA	Addr. of Catalog DSN Pointer
16	(10)	ADDRESS	4	CATACONA	Addr. of Connector Pointer
20	(14)	ADDRESS	4	CATADDNA	Addr. of DDNAME Pointer
24	(18)	SIGNED	2	CATACTL (0)	Allocate Controls
24	(18)	BITSTRING	1	CATACTL1	1st Byte of Allocate Controls
Comment					

Definition of CATACTL1 (Same as IEFZB442)					

End of Comment					
		1...		ACNODD	"X'80" Don't create DD for catalog
		.1.		ACDVWAIT	"X'40" Wait for devices allowed
		..1.		ACRECOVER	"X'20" Perform catalog recovery
		...1		ACOSCVOL	"X'10" CVOL - Do not open
		.... 1..		ACVLWAIT	"X'08" Wait for volumes allowed
		.... .1..		ACOFFLINE	"X'04" Consider offline devices
		.... ..1.		ACNOENQ	"X'02" Don't ENQueue on TIOT
		.... ...1		ACNUJSCB	"X'01" Change active JSCB to current JSCB to allocate catalogs to the Initiator
25	(19)	BITSTRING	1	CATACTL2	2nd Byte of Allocate Controls
Comment					

Definition of CATACTL2 (Same as IEFZB442)					

End of Comment					
		1...		ACOK2MNT	"X'80" Catalog mount authorized
		.1.		ACSTPCAT	"X'40" This catalog is a STEPCAT
		..1.		ACACATLG	"X'20" Allocate this catalog
		...1		ACOPNACB	"X'10" Open the catalog ACB
		.... 1...		ACCCPCCB	"X'08" Create and chain a PCCB

IATYCAT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... .1..		ACRECOVD	"X'04" Set if Catalog Recovery unallocated any catalogs
		.... ..1.		ACDDNAME	"X'02" Allocate the catalog to the DDNAME specified in CATADDNM
		.... ...1		ACRSVD01	"X'01" Reserved Flag
26	(1A)	SIGNED	2	CATARSVD	Reserved for Development
28	(1C)	ADDRESS	4	CATARTN	Address of Return/Reason Code Area
32	(20)	ADDRESS	4	CATAJSCB	JSCB Pointer
36	(24)	ADDRESS	4	CATADSN	Catalog DSN Pointer
40	(28)	ADDRESS	4	CATACONN	Connector Pointer
44	(2C)	ADDRESS	4	CATADDNM	DDNAME Pointer
48	(30)	SIGNED	2	CATARETC	Return Code Area
50	(32)	SIGNED	2	CATAREAS	Reason Code Area
52	(34)	SIGNED	4	CATAEND (0)	End of Catalog Allocate Parameter List
52	(34)	X'34'	0	CATASIZE	"CATAEND-CATASTRT" Size of Catalog Allocate Parameter List

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	CATUSTRT	, Start of Catalog Unallocate Parameter List
0	(0)	ADDRESS	4	CATUUCTLA	Addr. of Unallocate Controls
4	(4)	ADDRESS	4	CATURTN	Addr. of Return Code Pointer
8	(8)	ADDRESS	4	CATUPCCA	Addr. of PCCB Pointer
12	(C)	ADDRESS	4	CATUDDNA	Addr. of DDNAME Pointer
16	(10)	ADDRESS	4	CATUACBA	Addr. of ACB Pointer
20	(14)	ADDRESS	4	CATUJSCA	Addr. of JSCB Pointer
24	(18)	SIGNED	2	CATUUCTL (0)	Unallocate Controls
24	(18)	BITSTRING	1	CATUUCTL1	1st Byte of Unalloc Controls

Comment

Definition of CATUUCTL1 (Same as IEFZB443)

End of Comment

		1...		UCCAJSQB	"X'80" Change active JSCB Pointer
		.1..		UCNTIONQ	"X'40" Don't ENQ on the TIOT
		..1.		UCONECAT	"X'20" Unallocate one Catalog
		...1		UCALLCAT	"X'10" Unallocate all Catalogs
		.... 1...		UCONEACB	"X'08" Close one Catalog ACB
		.... .1..		UCALLACB	"X'04" Close all Catalog ACBs
		.... ..1.		UCONPCCB	"X'02" Free one PCCB
		.... ...1		UCALPCCB	"X'01" Free all PCCBs
25	(19)	BITSTRING	1	CATUUCTL2	2nd Byte of Unalloc Controls

Comment

Definition of CATUUCTL2 (Same as IEFZB443)

End of Comment

		1...		UCTEMP	"X'80" Close Temporarily
		.1..		UCSWTIOT	"X'40" Switch TIOT Pointer before Closing User Catalog
		..1.		UCRSVD20	"X'20" Reserved Flag
		...1		UCRSVD10	"X'10" Reserved Flag
		.... 1...		UCRSVD08	"X'08" Reserved Flag
		.... .1..		UCRSVD04	"X'04" Reserved Flag
		.... ..1.		UCRSVD02	"X'02" Reserved Flag
		.... ...1		UCRSVD01	"X'01" Reserved Flag
26	(1A)	SIGNED	2	CATURSVD	Reserved for Development
28	(1C)	ADDRESS	4	CATURTN	Address of Return/Reason Code Area
32	(20)	ADDRESS	4	CATUPCCB	PCCB Pointer
36	(24)	ADDRESS	4	CATUDDNM	DDNAME Pointer

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
40	(28)	ADDRESS	4	CATUACB	ACB Pointer
44	(2C)	ADDRESS	4	CATUJSCB	JSCB Pointer
48	(30)	SIGNED	2	CATURETC	Return Code Area
50	(32)	SIGNED	2	CATUREAS	Reason Code Area
52	(34)	SIGNED	4	CATUEND (0)	End of Catalog Unallocate Parameter List
52	(34)	X'34'	0	CATUSIZE	"CATUEND-CATUSTRT" Size of Catalog Unallocate Parameter List

IATYCAT Cross Reference

Name

ACACATLG
 ACCCPCCB
 ACDDNAME
 ACDVWAIT
 ACNODD

 ACNOENQ
 ACNUJSCB
 ACOFLINE
 ACOK2MNT
 ACOPNACB

 ACOSCVOL
 ACRECOVD
 ACRECOVR
 ACRSVD01
 ACSTPCAT

 ACVLWAIT
 CATACONA
 CATACONN
 CATACTL
 CATACTLA

 CATACTL1
 CATACTL2
 CATADDNA
 CATADDNM
 CATADSN

 CATADSNA
 CATAEND
 CATAJSCA
 CATAJSCB
 CATAREAS

 CATARETC
 CATARSVD
 CATARTN
 CATARTNA
 CATASIZE

 CATASTRT
 CATUACB
 CATUACBA
 CATUCTL
 CATUCTLA

 CATUCTL1
 CATUCTL2
 CATUDDNA
 CATUDDNM
 CATUEND

IATYCAT Cross Reference

Name

CATUJSCA
CATUJSCB
CATUPCCA
CATUPCCB
CATUREAS

CATURETC
CATURSVD
CATURTN
CATURTNA
CATUSIZE

CATUSTRT
UCALLACB
UCALLCAT
UCALPCCB
UCCAJSCB

UCNTIONQ
UCONEACB
UCONECAT
UCONPCCB
UCRSVD01

UCRSVD02
UCRSVD04
UCRSVD08
UCRSVD10
UCRSVD20

UCSWTIOT
UCTEMP

IATYCFGS Information

IATYCFGS Heading Information

Common Name: Configuration Services Data Area
Macro ID: IATYCFGS
DSECT Name: CFSSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: CFGS
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 1
Size: CFSSIZE bytes
Created by: Issuer of the IATXCFGS INITIALIZE service
Pointed to by: ITKCFGTK in IATYITK
Serialization: NONE
Function: This macro maps the information used by the Configuration Services module, IATCFSRV. It is created when a module issues an IATXCFGS INITIALIZE service, and is passed to all other IATXCFGS requests.

IATYCFGS Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	CFSSTART	, Configuration Services Data
0	(0)	CHARACTER	4	CFSID	Control block id
4	(4)	ADDRESS	4	CFSELFF	Pointer to ourself
8	(8)	DBL WORD	8	CFSWORK (0)	General work area one
8	(8)	BITSTRING	32		Make room for a JOBTAT FDB
40	(28)	DBL WORD	8	CFSWORK2 (0)	General work area two
40	(28)	SIGNED	4	(6)	Make room for a PURCHAIN work area
64	(40)	ADDRESS	4	CFSTKTCB	IATINTK TCB address 0005

Comment

Old and New Configuration Information.

End of Comment

68	(44)	ADDRESS	4	CFSOCFFR	Address of first Old Configuration Data Entry (OCF)
72	(48)	ADDRESS	4	CFSOCFLS	Address of last OCF
76	(4C)	SIGNED	4	CFSOCFCI	Cellpool identifier for OCF elements
80	(50)	ADDRESS	4	CFSNCFRR	Address of first New Configuration Data Entry (NCF)
84	(54)	ADDRESS	4	CFSNCFLS	Address of last NCF
88	(58)	SIGNED	4	CFSNCFCI	Cellpool identifier for NCF elements

Comment

CELL POOL PARAMETER LIST

01 Change Activity:

\$RC= OS110 HJS6601 950327 PD0VW: OS 1.1.0 SHOWHDR RUN

End of Comment

92	(5C)	SIGNED	4	CFSCPP (0)	
92	(5C)	ADDRESS	4		NUMBER OF CELLS IN PRIMARY EXTENT
96	(60)	ADDRESS	4		NUMBER OF RESERVED CELLS
100	(64)	ADDRESS	4		NUMBER OF CELLS IN EACH SECONDARY EXTENT
104	(68)	ADDRESS	2		NUMBER OF BYTES PER CELL
106	(6A)	ADDRESS	2		Subpool for the cell pool
108	(6C)	ADDRESS	2		MAXIMUM NUMBER THE CELL POOL CAN EXTEND
110	(6E)	BITSTRING	1		Flags
111	(6F)	BITSTRING	1		Reserved for IBM

IATYCFGS Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
112	(70)	ADDRESS	4	(2)	RESERVED FOR USER
Comment					
ECB Information.					

ECB List Used by the READ_ACCESS and WRITE_ACCESS functions.					

End of Comment					
120	(78)	SIGNED	4	CFSECBL5 (0)	ECB List Used for WAIT
120	(78)	ADDRESS	4	CFSECBA1	ECB address 1
124	(7C)	ADDRESS	4	CFSECBA2	ECB address 2
128	(80)	ADDRESS	4	CFSECBA3	ECB address 3
Comment					

ECBs Used by the READ_ACCESS and WRITE_ACCESS functions.					

End of Comment					
132	(84)	SIGNED	4	CFSNQECB	ENQ ECB - posted when the configuration change resource becomes available
136	(88)	SIGNED	4	CFSTMECB	Timer ECB - posted when a specified time elapses.
140	(8C)	SIGNED	4	CFSWRECB	WTOR ECB - posted when the operator responds to message IAT3bbb (to cancel initialization)
Comment					

ENQ/DEQ Related Information.					

Major and minor names.					

End of Comment					
144	(90)	CHARACTER	8	CF5MAJNM	Major Name
152	(98)	BITSTRING	1	CF5MINNM (0)	Start of minor name length and actual name
152	(98)	BITSTRING	1	CF5MINLN	Minor name length
153	(99)	CHARACTER	14	CF5MINPF (0)	Minor name prefix
153	(99)	CHARACTER	65	CF5MINTX	Minor name - includes the prefix and primary checkpoint volser and data set name with a 0005 period in-between 0005 0005
218	(DA)	BITSTRING	1	CF5MNCK1 (0)	Start of secondary minor 0005 name length and actual 0005 name 0005 0005
218	(DA)	BITSTRING	1	CF5MNCL1	Minor name length 0005 0005
219	(DB)	CHARACTER	7	CF5MNP1 (0)	Minor name prefix 0005 0005
219	(DB)	CHARACTER	58	CF5MNTX1	Minor name - includes 0005 the prefix and secondary 0005 checkpoint volser and 0005 data set name with a 0005 period in-between 0005 0005
277	(115)	BITSTRING	1	CF5MNCK2 (0)	Start of secondary minor 0005 name length and actual 0005 name 0005 0005
277	(115)	BITSTRING	1	CF5MNCL2	Minor name length 0005 0005
278	(116)	CHARACTER	7	CF5MNP2 (0)	Minor name prefix 0005 0005
278	(116)	CHARACTER	1	CF5MNTX2	Minor name - includes 0005 the prefix and secondary 0005 checkpoint volser and 0005 data set name with a 0005 period in-between 0005

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

TCB that issued the ENQ.					

End of Comment					
336	(150)	ADDRESS	4	CFSNQTCB	TCB of task that issued the ENQ request
Comment					

ENQ parameter list. Note that when the TCB or ECB 0 parameter is specified, the parameter list contains a prefix that precedes the label on the ENQ macro.					

End of Comment					
340	(154)	SIGNED	4	CFSENQST (0)	Actual start of parm list
Comment					
CFSENQ ENQ (,,,,), ENQ parameter list X					
End of Comment					
Comment					
MACRO-DATE = 06/24/03					
End of Comment					
340	(154)	SIGNED	4	(0)	ESTABLISH A FULLWORD BOUNDARY
340	(154)	ADDRESS	4		PREFIX - TCB ADDRESS X02113
344	(158)	ADDRESS	4		PREFIX - ECB ADDRESS
344	(158)	X'15C'	0	CFSENQ	*** X02113
348	(15C)	ADDRESS	1		PELLAST flag byte. X02113
349	(15D)	ADDRESS	1		PELMILEN - RNAME length.
350	(15E)	BITSTRING	1		
Comment					
PELFLAG - flag byte 2.					
End of Comment					
351	(15F)	ADDRESS	1		PELRET - return code byte.
352	(160)	ADDRESS	4		QNAME ADDRESS
356	(164)	ADDRESS	4		RNAME ADDRESS
356	(164)	X'14'	0	CFSENQSZ	**-CFSENQST" Size of ENQ parameter list
360	(168)	SIGNED	4	CFSENQT2 (0)	Actual start of parm list 0005
Comment					
CFSENQ2 ENQ (,,,,,,,,), ENQ parameter list 0					
End of Comment					
Comment					
MACRO-DATE = 06/24/03					
End of Comment					
360	(168)	SIGNED	4	(0)	ESTABLISH A FULLWORD BOUNDARY
360	(168)	ADDRESS	4		PREFIX - TCB ADDRESS X02113
364	(16C)	ADDRESS	4		PREFIX - ECB ADDRESS

IATYCFGS Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
364	(16C)	X'170'	0	CFSENQ2	*** X02113
368	(170)	ADDRESS	1		PELLAST flag byte. X02113
369	(171)	ADDRESS	1		PELMILEN - RNAME length.
370	(172)	BITSTRING	1		

Comment

PELFLAG - flag byte 2.

End of Comment

371	(173)	ADDRESS	1		PELRET - return code byte.
372	(174)	ADDRESS	4		QNAME ADDRESS
376	(178)	ADDRESS	4		RNAME ADDRESS
380	(17C)	ADDRESS	1		PELLAST flag byte. X02113
381	(17D)	ADDRESS	1		PELMILEN - RNAME length.
382	(17E)	BITSTRING	1		

Comment

PELFLAG - flag byte 2.

End of Comment

383	(17F)	ADDRESS	1		PELRET - return code byte.
384	(180)	ADDRESS	4		QNAME ADDRESS
388	(184)	ADDRESS	4		RNAME ADDRESS 0005
388	(184)	X'20'	0	CFSENQS2	** -CFSENQT2" Size of ENQ parameter list 0005

Comment

 DEQ parameter list. Note that when the TCB parameter is specified, the parameter list contains a prefix that precedes the label on the DEQ macro.

End of Comment

392	(188)	SIGNED	4	CFSDEQST (0)	Actual start of parm list
-----	-------	--------	---	--------------	---------------------------

Comment

CFSDEQ DEQ (,,), DEQ parameter list X

End of Comment

Comment

MACRO-DATE = 10/06/2004

End of Comment

392	(188)	SIGNED	4	(0)	ESTABLISH A FULLWORD BOUNDARY
392	(188)	ADDRESS	4		PREFIX - TCB ADDRESS X02113
392	(188)	X'18C'	0	CFSDEQ	*** X02113
396	(18C)	ADDRESS	1		PELLAST flag byte. X02113
397	(18D)	ADDRESS	1		PELMILEN - RNAME length.
398	(18E)	BITSTRING	1		

Comment

PELFLAG - flag byte 2.

End of Comment

399	(18F)	ADDRESS	1		PELRET - return code byte.
400	(190)	ADDRESS	4		QNAME ADDRESS
404	(194)	ADDRESS	4		RNAME ADDRESS

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
404	(194)	X'3C'	0	CFSDEQSS	"*-CFSENQ" Size of short form of DEQ parameter list (i.e. TCB was not specified)
404	(194)	X'10'	0	CFSDEQLS	"*-CFSDEQST" Size of long form of DEQ 0005 parameter list (i.e. TCB was specified)

Comment

CFSDEQ2 DEQ (,,,,,,), DEQ parameter list 0

End of Comment

Comment

MACRO-DATE = 10/06/2004

End of Comment

408	(198)	SIGNED	4	(0)	ESTABLISH A FULLWORD BOUNDARY
408	(198)	ADDRESS	4		PREFIX - TCB ADDRESS X02113
408	(198)	X'19C'	0	CFSDEQ2	*** X02113
412	(19C)	ADDRESS	1		PELLAST flag byte. X02113
413	(19D)	ADDRESS	1		PELMILEN - RNAME length.
414	(19E)	BITSTRING	1		

Comment

PELFLAG - flag byte 2.

End of Comment

415	(19F)	ADDRESS	1		PELRET - return code byte.
416	(1A0)	ADDRESS	4		QNAME ADDRESS
420	(1A4)	ADDRESS	4		RNAME ADDRESS
424	(1A8)	ADDRESS	1		PELLAST flag byte. X02113
425	(1A9)	ADDRESS	1		PELMILEN - RNAME length.
426	(1AA)	BITSTRING	1		

Comment

PELFLAG - flag byte 2.

End of Comment

427	(1AB)	ADDRESS	1		PELRET - return code byte.
428	(1AC)	ADDRESS	4		QNAME ADDRESS
432	(1B0)	ADDRESS	4		RNAME ADDRESS
432	(1B0)	X'18'	0	CFSDEQL2	"*-CFSDEQ2" Size of double form of DEQ 0005 parameter list when the 0005 TCB was specified 0005

Comment

 STIMERM Information (used when the configuration
 change resource is not available).

End of Comment

436	(1B4)	SIGNED	4	CFSSTMID	STIMERM request identifier
-----	-------	--------	---	----------	----------------------------

Comment

CFSSTIMR STIMERM SET, STIMERM Parameter List X

End of Comment

IATYCFGS Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
MACDATE = 08/19/88					
End of Comment					
440	(1B8)	BITSTRING	24	CFSSTIMR	REMOTE STIMERM SET PARM LIST
440	(1B8)	X'18'	0	CFSSTMSZ	**CFSSTIMR" Size of parameter list
Comment					

ENQ Wait Time Values (in hundreths of a second).					

End of Comment					
440	(1B8)	X'5DC'	0	CFSNQWEX	"1500" Wait time for exclusive use
440	(1B8)	X'1770'	0	CFSNQWSH	"6000" Wait time for shared use
Comment					
Message Related Information.					

WTO Parameter List.					

CFSWTO WTO TEXT=, WTO Parameter List X					
End of Comment					
464	(1D0)	SIGNED	4	CFSWTO (0)	
464	(1D0)	ADDRESS	2		TEXT LENGTH
466	(1D2)	BITSTRING	2		MCSFLAGS
468	(1D4)	ADDRESS	4		MESSAGE TEXT ADDRESS
472	(1D8)	ADDRESS	1		VERSION LEVEL
473	(1D9)	BITSTRING	1		MISCELLANEOUS FLAGS
474	(1DA)	ADDRESS	1		REPLY LENGTH
475	(1DB)	ADDRESS	1		LENGTH OF WPX
476	(1DC)	BITSTRING	2		EXTENDED MCS FLAGS
478	(1DE)	ADDRESS	2		RESERVED
480	(1E0)	ADDRESS	4		REPLY BUFFER ADDRESS
484	(1E4)	ADDRESS	4		REPLY ECB ADDRESS
488	(1E8)	ADDRESS	4		CONNECT ID
492	(1EC)	BITSTRING	2		DESCRIPTOR CODES
494	(1EE)	ADDRESS	2		RESERVED
496	(1F0)	BITSTRING	16		
512	(200)	BITSTRING	2		MESSAGE TYPE
514	(202)	ADDRESS	2		MESSAGE'S PRIORITY
516	(204)	CHARACTER	8		JOB ID
524	(20C)	CHARACTER	8		JOB NAME
532	(214)	CHARACTER	8		RETRIEVAL KEY
540	(21C)	ADDRESS	4		TOKEN FOR DOM
544	(220)	ADDRESS	4		CONSOLE ID
548	(224)	CHARACTER	8		SYSTEM NAME
556	(22C)	CHARACTER	8		CONSOLE NAME
564	(234)	ADDRESS	4		REPLY CONSOLE NAME/ID ADDR
568	(238)	ADDRESS	4		CART ADDRESS
572	(23C)	ADDRESS	4		WSPARM ADDRESS
572	(23C)	X'70'	0	CFSWTOSZ	**CFSWTO" Size of parameter list

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

WTOR Parameter List.					

CFSWTOR WTOR TEXT=(,,,), WTOR Parameter List X					
End of Comment					
576	(240)	SIGNED	4	CFSWTOR (0)	
576	(240)	ADDRESS	2		TEXT LENGTH
578	(242)	BITSTRING	2		MCSFLAGS
580	(244)	ADDRESS	4		MESSAGE TEXT ADDRESS
584	(248)	ADDRESS	1		VERSION LEVEL
585	(249)	BITSTRING	1		MISCELLANEOUS FLAGS
586	(24A)	ADDRESS	1		REPLY LENGTH
587	(24B)	ADDRESS	1		LENGTH OF WPX
588	(24C)	BITSTRING	2		EXTENDED MCS FLAGS
590	(24E)	ADDRESS	2		RESERVED
592	(250)	ADDRESS	4		REPLY BUFFER ADDRESS
596	(254)	ADDRESS	4		REPLY ECB ADDRESS
600	(258)	ADDRESS	4		CONNECT ID
604	(25C)	BITSTRING	2		DESCRIPTOR CODES
606	(25E)	ADDRESS	2		RESERVED
608	(260)	BITSTRING	16		
624	(270)	BITSTRING	2		MESSAGE TYPE
626	(272)	ADDRESS	2		MESSAGE'S PRIORITY
628	(274)	CHARACTER	8		JOB ID
636	(27C)	CHARACTER	8		JOB NAME
644	(284)	CHARACTER	8		RETRIEVAL KEY
652	(28C)	ADDRESS	4		TOKEN FOR DOM
656	(290)	ADDRESS	4		CONSOLE ID
660	(294)	CHARACTER	8		SYSTEM NAME
668	(29C)	CHARACTER	8		CONSOLE NAME
676	(2A4)	ADDRESS	4		REPLY CONSOLE NAME/ID ADDR
680	(2A8)	ADDRESS	4		CART ADDRESS
684	(2AC)	ADDRESS	4		WSPARM ADDRESS
684	(2AC)	X'70'	0	CFSWTRSZ	**-CFSWTOR' Size of parameter list
Comment					

DOM ids.					

End of Comment					
688	(2B0)	SIGNED	4	CFSDOMI1	First DOM id
692	(2B4)	SIGNED	4	CFSDOMI2	Second DOM id
Comment					

WTOR Reply Area.					

End of Comment					
696	(2B8)	CHARACTER	8	CFSREPLY	WTOR reply area
Comment					

Message Work Area.					

End of Comment					

IATYCFGS Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
704	(2C0)	SIGNED	2	CFSMSGWK (0)	Message Work Area
704	(2C0)	SIGNED	2	CFSMSGLN	Message Text Length
706	(2C2)	CHARACTER	120	CFSMSGTX	Message Text
Comment					

Variable message text. This will contain the main processor name if running in the JES3 address space, or the FSS name and asid if running in an FSS address space.					

End of Comment					
826	(33A)	SIGNED	2	CFSVMLEN	Length of variable message text
828	(33C)	BITSTRING	1	CFSVMTXT (0)	Start of variable message text
Comment					

JES3 address space variable message text.					

End of Comment					
828	(33C)	CHARACTER	8	CFSJ3ATX	Main processor name
Comment					

FSS address space variable message text.					

End of Comment					
828	(33C)	CHARACTER	4	CFSFSSTX	Start of FSS message text
832	(340)	CHARACTER	8	CFSFSSNM	FSS name
840	(348)	CHARACTER	7		
847	(34F)	CHARACTER	4	CFSFSSAI	Address space id
847	(34F)	X'17'	0	CFSFSSSZ	"*-CFSFSSTX" Size of message text
Comment					

Caller's PSW key save area					

End of Comment					
851	(353)	BITSTRING	1	CFSPSWK	Save area
Comment					

Flags.					
End of Comment					
852	(354)	BITSTRING	1	CFSFLAG1	Flag One
Comment					

Definition of CFSFLAG1.					

End of Comment					
		1... ..		CFSFSSAD	"X'80" Running in an FSS address space
		.1... ..		CFSREDAC	"X'40" Read access has been obtained
		..1.		CFSWRTAC	"X'20" Write access has been obtained

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		...1		CFSNQCHG	"X'10" ENQ is being changed from a shared ENQ to an exclusive ENQ
		.... 1...		CFSACREL	"X'08" Access to the configuration has been released (i.e. a DEQ was done)
		.... .1..		CFSRS104	"X'04" Reserved flag
		.... ..1.		CFSRS102	"X'02" Reserved flag
		.... ...1		CFSRS101	"X'01" Reserved flag
Comment					
End of control block.					
End of Comment					
856	(358)	DBL WORD	8	CFSEND (0)	End of control block
856	(358)	X'358'	0	CFSSIZE	"CFSEND-CFSSTART" Size of control block

IATYCFGS Cross Reference

Name

- CFSACREL
- CFSCPP
- CFSDEQ
- CFSDEQLS
- CFSDEQL2
- CFSDEQSS
- CFSDEQST
- CFSDEQ2
- CFSDOMI1
- CFSDOMI2
- CFSECBA1
- CFSECBA2
- CFSECBA3
- CFSECBL5
- CFSEND
- CFSENQ
- CFSENQST
- CFSENQSZ
- CFSENQS2
- CFSENQT2
- CFSENQ2
- CFSFLAG1
- CFSFSSAD
- CFSFSSAI
- CFSFSSNM
- CFSFSSSZ
- CFSFSSTX
- CFSID
- CFSJ3ATX
- CFSMAJNM
- CFSMINLN
- CFSMINNM
- CFSMINPF
- CFSMINTX
- CFSMNCK1
- CFSMNCK2
- CFSMNCL1
- CFSMNCL2
- CFSMNPF1
- CFSMNPF2

IATYCFGS Cross Reference

Name

CFSMNTX1
CFSMNTX2
CFSMSGLN
CFSMSGTX
CFSMSGWK

CFSNCFCI
CFSNCFFR
CFSNCFLS
CFSNQCHG
CFSNQECB

CFSNQTCB
CFSNQWEX
CFSNQWSH
CFSOCFCI
CFSOCFFR

CFSOCFLS
CFSPSWK
CFSREDAC
CFSREPLY
CFSRS101

CFSRS102
CFSRS104
CFSSSELF
CFSSIZE
CFSSTART

CFSSTIMR
CFSSTMID
CFSSTMSZ
CFSTKTCB
CFSTMECB

CFSVMLEN
CFSVMTXT
CFSWORK
CFSWORK2
CFSWRECB

CFSWRTAC
CFSWTO
CFSWTOR
CFSWTOSZ
CFSWTRSZ

IATYCFT Information

IATYCFT Programming Interface information

Programming Interface information

IATYCFT

The following field is **NOT** programming interface information:

- CFTPRCST

End of Programming Interface information

Heading Information • IATYCFT Map

IATYCFT Heading Information

Common Name: CI FSS TABLE
Macro ID: IATYCFT
DSECT Name: CFTSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: CFT
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: SUBPOOL 0
 Auxiliary Storage: N/A
Size: 80 Bytes
Created by: IATINI1
Pointed to by: IDACFTST in IATIIDA (FIRST CFT)
 FSSEXTPT in IATYFSS (FSS TABLE EXTENSION)
 CFTNEXT in IATYCFT (NEXT CFT)
Serialization: NONE
Function: The CI FSS Table is used (in the JES3 Global) to keep track of the status and the work being processed by a CI FSS. The CI FSS PROCLIB status entries are used to keep track of PROCLIB orders, status etc. There is one PROCLIB status entry for each PROCLIB table entry. They are pointed to by, and located at the end of the CI FSS Table.

IATYCFT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	CFTSTART	CI FSS TABLE
0	(0)	CHARACTER	4	CFTID	CONTROL BLOCK IDENTIFIER
4	(4)	ADDRESS	4	CFTNEXT	ADDRESS OF THE NEXT CFT
8	(8)	ADDRESS	4	CFTFSSPT	FSS TABLE ADDRESS
12	(C)	SIGNED	4	CFTFSID (0)	FUNCTIONAL SUBSYSTEM ID SAME AS FSSFSID
12	(C)	SIGNED	2	CFTFSSID	FSS PORTION OF FSID
14	(E)	SIGNED	2	CFTFSAID	FSA PORTION OF FSID
16	(10)	ADDRESS	4	CFTMPC	ADDRESS OF MPC FOR THIS FSS SET AT FSS CONNECT TIME OR WHEN FSS IS FOUND TO BE ACTIVE OVER A JES3 RESTART

Comment

 FSS WORK-STATUS FIELDS

End of Comment

20	(14)	SIGNED	4	CFTJOBCH	RQ CHAIN FOR JOBS BEING PROCESSED BY THIS FSS
24	(18)	ADDRESS	4	CFTPRCST	ADDRESS OF PROCLIB STATUS ENTRIES (LOCATED AT THE END OF THE CI FSS TABLE)

Comment

 COUNT/WORK FIELDS

End of Comment

28	(1C)	SIGNED	2	CFTBATUS	NO. OF BATCH CI DSPS IN USE
30	(1E)	SIGNED	2	CFTDSLUS	NO. OF DEMAND SELECT CI DSPS IN USE

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
32	(20)	SIGNED	4	CFTFORID	FSS PORTION OF ORDER/ORDER RESPONSE IDENTIFIER NUMBER. SET WHEN THE FSS CONNECTS OR IS RESTARTED DURING THE CURRENT JES3 START
36	(24)	SIGNED	4	CFTRSSEQ	RESPONSE SEQUENCE NO. OF LAST MODIFY COUNT (TYPE=NORM) OR PROCESS JOB (TYPE=NAvail) RESPONSE
40	(28)	BITSTRING	1	CFTFLAG1	FLAG ONE
Comment					
----- DEFINITION OF CFTFLAG1 -----					
End of Comment					
		1...		CFTPRCIN	"X'80" FSS HAS COMPLETED PROCLIB INITIALIZATION
		.1..		CFTSUBIN	"X'40" FSS HAS COMPLETED SUBTASK INITIALIZATION
		..1.		CFTSTECF	"X'20" FSS START COMMAND ECF WAS ADDED TO THE ELB
		...1		CFTGLOBL	"X'10" FSS RUNS ON GLOBAL PROCESSOR
		.... 1..		CFTCIBYP	"X'08" BYPASS FSS FOR CI SCHEDULING
		.... .1..		CFTMCRSP	"X'04" FSS HAS A MODIFY COUNT RESPONSE OUTSTANDING
		.... ..1.		CFTBYPMN	"X'02" BYPASS FSS FOR CI SCHEDULING IF WE ARE LOOKING FOR A C/I FSS ON A MAIN PROCESSOR THAT IS ELIGIBLE TO RUN THE JOB
		.... ...1		CFTFL101	"X'01" RESERVED
41	(29)	BITSTRING	1	CFTFLRSV (3)	RESERVED FOR DEVELOPMENT
44	(2C)	ADDRESS	4	CFTSPE	RQ SUBCHAIN PRIORITY ENTRIES FOR JOBS BEING PROCESSED BY THIS FSS. THIS IS USED BY IATGRRQ TO MAINTAIN POINTERS TO THE DIFFERENT PRIORITIES OF RQ'S WITHIN CFTJOBCH
48	(30)	SIGNED	4	CFTRSRVD (2)	RESERVED FOR DEVELOPMENT
56	(38)	SIGNED	4	CFTRSRVS (3)	RESERVED FOR SERVICE
68	(44)	SIGNED	4	CFTRSRVU (3)	RESERVED FOR USER
80	(50)	SIGNED	4	CFTEND (0)	END OF CI FSS TABLE
80	(50)	BITSTRING	1	CFTELEN (0)	LENGTH OF CFT ENTRY

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	CFTPSTAT	CI FSS PROCLIB STATUS ENTRY
0	(0)	BITSTRING	1	CFTPSTRT (0)	START OF STATUS ENTRY
0	(0)	BITSTRING	1	CFTPFLG1	PROCLIB STATUS FLAG ONE
Comment					
----- DEFINITION OF CFTPFLG1 -----					
End of Comment					
		1...		CFTDSINC	"X'80" FSS INCLUDED IN COUNT OF NO. OF FSS'S NEEDING TO DISABLE THE PROCLIB.
		.1..		CFTENINC	"X'40" FSS INCLUDED IN COUNT OF NO. OF FSS'S NEEDING TO ENABLE THE PROCLIB.
		..1.		CFTDSORD	"X'20" PROCLIB (TYPE=DISABLE) ORDER SENT TO THIS FSS
		...1		CFTENORD	"X'10" PROCLIB (TYPE=ENABLE) ORDER SENT TO THIS FSS
1	(1)	BITSTRING	1	CFTPRSDV	RESERVED
2	(2)	BITSTRING	1	CFTPSEND (0)	END OF STATUS ENTRY

IATYCFT Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
2	(2)	X'2'	0	CFTPSIZE	"CFTPSEND-CFTPSTRT" SIZE OF STATUS ENTRY

IATYCFT Cross Reference

Name

CFTBATUS
CFTBYPMN
CFTCIBYP
CFTDSINC
CFTDSLUS

CFTDSORD
CFTELEN
CFTEND
CFTENINC
CFTENORD

CFTFLAG1
CFTFLRSV
CFTFL101
CFTFORID
CFTFSAID

CFTFSID
CFTFSSID
CFTFSSPT
CFTGLOBL
CFTID

CFTJOBCH
CFTMCRSP
CFTMPC
CFTNEXT
CFTPFLG1

CFTPRCIN
CFTPRCST
CFTPRSVD
CFTPSEND
CFTPSIZE

CFTPSTAT
CFTPSTRT
CFTRSRVD
CFTRSRVS
CFTRSRVU

CFTRSSEQ
CFTSPE
CFTSTART
CFTSTECF
CFTSUBIN

IATYCFW Information

IATYCFW Heading Information

Common Name: MODIFY CONFIGURATION WORK AREA
Macro ID: IATYCFW
DSECT Name: IATMOCW
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IATMOCW
 Offset: 0
 Length: 8
Storage Attributes: Main Storage: JES3 private area
 Auxiliary Storage: N/A
 Subpool: 0
 Key: 0
Size: CFWKLEN bytes
Created by: ALOAded by IATMOCF
Pointed to by: INTLGTOK in IATYINT
 R9 in IATMOCF
Serialization: None
Function: This macro is used to map the *MODIFY,CONFIG work area (module IATMOCW).

IATYCFW Map

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)		Description
0	(0)	STRUCTURE	0	IATMOCW		
0	(0)	CHARACTER	8	CFWKID		MODULE NAME
8	(8)	CHARACTER	8			RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8			DATE
24	(18)	CHARACTER	6			TIME
32	(20)	SIGNED	4	(0)		
32	(20)	ADDRESS	4			ADDRESS OF APARNUM

Comment

Initialization Stream Input Information.

End of Comment

36	(24)	CHARACTER	8	CFDDNAME		JES3IN DD name
48	(30)	DBL WORD	8	CFMEMBER (0)		Member name
56	(38)	CHARACTER	44	CFDSNAME		Data set name
100	(64)	BITSTRING	4	CFINVLID		VALID from the current 17681TBA inish file 17681TBA

Comment

WTO/WTOR/MESSAGE Related Information.

End of Comment

104	(68)	ADDRESS	4	CFCNDB		Modify CONSOLE CNDB
108	(6C)	ADDRESS	4	CFWTOCON		Console ID for WTOR
112	(70)	ADDRESS	4	CFWTOECB		ECB for WTOR wait
116	(74)	CHARACTER	10	CFOREPLY		Operator reply area
128	(80)	ADDRESS	4	CFMSGCHN		Pending message chain when spool is locked
132	(84)	ADDRESS	4	CFMSGCHE		Pending message chain end

Comment

Module and JDE addresses.

End of Comment

136	(88)	ADDRESS	4	CFMOCWJD		IATMOCW JDE address
140	(8C)	ADDRESS	4	CFINDTJD		IATINDT JDE address
144	(90)	ADDRESS	4	CFINRNJD		IATINRN JDE address

IATYCFW Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
148	(94)	ADDRESS	4	CFUX15JD	IATUX15 JDE address
152	(98)	ADDRESS	4	CFIDVSJD	IATINDVS JDE address
156	(9C)	ADDRESS	4	CFINDTAD	IATINDT address

Comment

Information passed to IATUX15.

End of Comment

160	(A0)	SIGNED	2	CFUXPLEN	Length of parameters
162	(A2)	CHARACTER	8	CFUXPARM	Exit parameters

Comment

Commit processing related information.

End of Comment

172	(AC)	SIGNED	4	CFCMDATE	The date the *F,CONFIG command was issued
176	(B0)	SIGNED	4	CFCMTIME	The time the *F,CONFIG command was issued
180	(B4)	SIGNED	4	CFCFGTKN	Configuration services token
184	(B8)	ADDRESS	4	CFCFGEP	Configuration services entry point
188	(BC)	ADDRESS	4	CFICPAD	Initialization Checkpoint Record (ICP) address
192	(C0)	BITSTRING	1	CFMCMPL	*MODIFY,CONFIG Commit Parameter List

Comment

Dynamic Allocation/Unallocation Information.

Request block pointer

End of Comment

216	(D8)	SIGNED	4	(0)	
216	(D8)	BITSTRING	0	CFDYRBPT (0)	DYNAMIC allocation request
216	(D8)	ADDRESS	4		block pointer

Comment

Request block

End of Comment

220	(DC)	BITSTRING	1	CFDYNLRB	DYNAMIC allocation request block
-----	------	-----------	---	----------	----------------------------------

Comment

Text unit pointer list

End of Comment

240	(F0)	BITSTRING	4	CFTUPTR1	Text unit pointer number 1
244	(F4)	BITSTRING	4	CFTUPTR2	Text unit pointer number 2
248	(F8)	BITSTRING	4	CFTUPTR3	Text unit pointer number 3
252	(FC)	BITSTRING	1	CFTUPTR4	Text unit pointer number 4

Comment

DDNAME text unit (ALLOCATION & UNALLOCATION)

End of Comment

256	(100)	ADDRESS	2	CFTUDDNM	Text unit key
-----	-------	---------	---	----------	---------------

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
258	(102)	ADDRESS	2		No. of Len/Parm pairs
260	(104)	ADDRESS	2		Length
262	(106)	CHARACTER	1		Parm - JES3IN DDNAME

Comment

 DSNNAME Text unit

End of Comment

270	(10E)	ADDRESS	2	CFTUDSNM	Text unit key
272	(110)	ADDRESS	2		No. of Len/Parm pairs
274	(112)	ADDRESS	2		Length
276	(114)	CHARACTER	44		Parm - JES3IN DSNNAME

Comment

 DATASET status text unit (DISP=SHR)

End of Comment

320	(140)	ADDRESS	2	CFTUDSST	Text unit key
322	(142)	ADDRESS	2		No. of Len/Parm pairs
324	(144)	ADDRESS	2		Length
326	(146)	ADDRESS	4		Parm - "SHARE"

Comment

 Normal disposition text unit (DISP=(,...KEEP))

End of Comment

327	(147)	ADDRESS	2	CFTUNDSP	Text unit key
329	(149)	ADDRESS	2		No. of Len/Parm pairs
331	(14B)	ADDRESS	2		Length
333	(14D)	ADDRESS	4		Parm - "KEEP"

Comment

Information used by OPEN, CLOSE, FIND, RDJFCB.
 CFDCB DCB DDNAME=JES3IN,DSORG=PO,MACRF=(R),RECFM=FB,
 BUFNO=2,LRECL=80,DCBE=CFDCBE
 DATA CONTROL BLOCK

End of Comment

336	(150)	SIGNED	4	CFDCB (0)	ORIGIN ON WORD BOUNDARY DIRECT ACCESS DEVICE INTERFACE
336	(150)	ADDRESS	4		DCBE ADDRESS
340	(154)	BITSTRING	12		FDAD, DVTBL
352	(160)	ADDRESS	4		KEYLEN, DEVT, TRBAL COMMON ACCESS METHOD INTERFACE
356	(164)	ADDRESS	1		BUFNO, NUMBER OF BUFFERS
357	(165)	ADDRESS	3		BUFCB, BUFFER POOL CONTROL BLOCK
360	(168)	ADDRESS	2		BUFL, BUFFER LENGTH
362	(16A)	BITSTRING	2		DSORG, DATA SET ORGANIZATION
364	(16C)	ADDRESS	4		IOBAD FOR EXCP OR RESERVED FOUNDATION EXTENSION
368	(170)	BITSTRING	1		BFTEK, BFALN, DCBE INDICATORS
369	(171)	ADDRESS	3		EODAD (END OF DATA ROUTINE ADDRESS)
372	(174)	BITSTRING	1		RECFM (RECORD FORMAT)
373	(175)	ADDRESS	3		EXLST (EXIT LIST ADDRESS) FOUNDATION BLOCK
376	(178)	CHARACTER	8		DDNAME

IATYCFW Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
384	(180)	BITSTRING	1		OFLGS (OPEN FLAGS)
385	(181)	BITSTRING	1		IFLGS (IOS FLAGS)
386	(182)	BITSTRING	2		MACR (MACRO FORMAT) BSAM-BPAM-QSAM INTERFACE
388	(184)	BITSTRING	1		OPTCD, OPTION CODES
389	(185)	ADDRESS	3		CHECK OR INTERNAL QSAM SYNCHRONIZING RTN.
392	(188)	ADDRESS	4		SYNAD, SYNCHRONOUS ERROR RTN. (3 BYTES)
396	(18C)	SIGNED	2		INTERNAL ACCESS METHOD FLAGS
398	(18E)	ADDRESS	2		BLKSIZE, BLOCK SIZE
400	(190)	SIGNED	4		INTERNAL ACCESS METHOD FLAGS
404	(194)	ADDRESS	4		INTERNAL ACCESS METHOD USE BSAM-BPAM INTERFACE
408	(198)	ADDRESS	1		NCP, MAX NUM OF OUTSTANDING READ/WRITES
409	(199)	ADDRESS	3		EOBR, INTERNAL ACCESS METHOD USE
412	(19C)	ADDRESS	4		EOBW, INTERNAL ACCESS METHOD USE
416	(1A0)	ADDRESS	1	(2)	FLAGS AND EITHER DIRCT OR BUFOFF
418	(1A2)	ADDRESS	2		LRECL
420	(1A4)	ADDRESS	4		CNTRL, NOTE, POINT

Comment

CFDCBE DCBE RMODE31=BUFF
DATA CONTROL BLOCK EXTENSION.

End of Comment

424	(1A8)	SIGNED	4	CFDCBE (0)	0 Alignment and identifier
428	(1AC)	SIGNED	2		4 Length of DCBE, minimum is 56
430	(1AE)	BITSTRING	2		6 Reserved, should be zero
432	(1B0)	ADDRESS	4		8 0 if not open, OPEN points to DCB
436	(1B4)	BITSTRING	4		C Disk address of current member
440	(1B8)	BITSTRING	1		10 Flags set by system
441	(1B9)	BITSTRING	1		11 Flags set by user
442	(1BA)	SIGNED	2		12 Number of stripes if extended format
444	(1BC)	BITSTRING	1		14 Flags set by user
445	(1BD)	BITSTRING	3		15 Reserved
448	(1C0)	BITSTRING	4		18 Reserved
452	(1C4)	SIGNED	4		1C Block size
456	(1C8)	BITSTRING	8		20 Reserved & number of blocks in ds
464	(1D0)	ADDRESS	4		28 End of data routine address or 0
468	(1D4)	ADDRESS	4		2C I/O error routine (synchronous) or 0
472	(1D8)	BITSTRING	6		30 Reserved, should be zero
478	(1DE)	ADDRESS	1	(2)	36 MULTACC and MULTSDN

Comment

SHORTEST POSSIBLE DCBE IN ANY RELEASE.

End of Comment

480	(1E0)	SIGNED	4	CFDCBEXL (0)	Address of JFCB exit
484	(1E4)	BITSTRING	1	CFJFCBWK	JFCB area

Comment

Flags.

Definition of flag CFERRFLG

End of Comment

660	(294)	BITSTRING	1	CFERRFLG	Error flag
		1... ..		CFALOCE	"X'80" Dynamic allocation error occurred
		.1.		CFOPENE	"X'40" OPEN not successful
		..1.		CFBLKSE	"X'20" Block size not divisible by eighty
		...1		CFUNALE	"X'10" Dynamic unallocation error occurred
		.... 1...		CFMNTFER	"X'08" Member not found error occurred

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... .1..		CFPMFNER	"X'04" Perm error occurred in FIND processing
		.... .1.		CFRDJFER	"X'02" RDJFCB error occurred
		.... ...1		CFCKPTRD	"X'01" Error occurred when reading CKPT
660	(294)	X'FF'	0	CFERROR	"CFALOCE+CFOPENE+CFBLKSE+CFUNALE+CFMNTFER+CFPM
Comment					
----- Definition of flag CFFLAG1 -----					
End of Comment					
661	(295)	BITSTRING	1	CFFLAG1	General Flag 1
		1...		CFLOGYES	"X'80" LOG=YES was specified on *F CONFIG command
		.1..		CFLOGERR	"X'40" LOG=ERR was specified on *F CONFIG command
		..1.		CFOPENJ	"X'20" Issue OPEN TYPE=J request
		...1		CFADDEQ	"X'10" ADD= was specified on the *F,CONFIG command
		.... 1...		CFLOGEQ	"X'08" LOG= was specified on the *F,CONFIG command
		.... .1..		CFSYNERR	"X'04" Syntax error found in the *F CONFIG command
		.... ...1.		CFLOGOPN	"X'02" Log data set was opened
		.... ...1		CFINDDAL	"X'01" JES3IN data set was allocated
Comment					
----- Definition of flag CFFLAG2 -----					
End of Comment					
662	(296)	BITSTRING	1	CFFLAG2	General Flag 2
		1...		CFPARMEQ	"X'80" P=string was specified on the *F,CONFIG command
		.1..		CFINDTLD	"X'40" IATINDT was loaded
		..1.		CFINRNLD	"X'20" IATINRN was loaded
		...1		CFUX15LD	"X'10" IATUX15 was loaded
		.... 1...		CFCMTWAC	"X'08" Write access to the configuration was obtained during commit processing
		.... .1..		CFCMTERR	"X'04" An error occurred during commit processing
		.... ...1.		CFCMTCOM	"X'02" Commit processing complete
		.... ...1		CFITXCLN	"X'01" Intermediate text cleanup processing was performed
Comment					
----- Definition of flag CFFLAG3 -----					
End of Comment					
663	(297)	BITSTRING	1	CFFLAG3	General Flag 3
		1...		CFINPINT	"X'80" Initialization stream input initialization was performed
		.1..		CFLGSPUN	"X'40" The log was spun off at the end of initialization statement processing
		..1.		CFIDVSLD	"X'20" IATINDVS was loaded
Comment					
----- Definition of flag CFFLAG4 -----					
End of Comment					

IATYCFW Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
664	(298)	BITSTRING	1	CFFLAG4	General Flag 4
Comment					
<p>Definition of flag CFSEVFLG. This flag is copied from INITFLG1 in IATYINT at the end of table build processing. It is used to determine what types of errors occurred during F,CONFIG processing after the INT has been deleted.</p>					
End of Comment					
665	(299)	BITSTRING	1	CFSEVFLG	Severity flag
Comment					
JESTAE flag					
End of Comment					
666	(29A)	BITSTRING 1... ..	1	CFJESTFL CFJESNT	JESTAE flag byte "X'80" JESTAE exit entered
Comment					
Log data set information.					
MRF and JOBTAT FDB's.					
End of Comment					
668	(29C)	SIGNED	4	(0)	Align on fullword boundary
668	(29C)	BITSTRING	32	CFLOGFDB	Log data set FDB
700	(2BC)	BITSTRING	32	CFLOGSPN	Log data set FDB that is used when the log is being spun off prior to the *F,CONFIG command completing
732	(2DC)	BITSTRING	28	CFTATFDB	JOBTAT FDB
760	(2F8)	BITSTRING	1	CFTATSPN	JOBTAT FDB that is used when the log is being spun off prior to the *F,CONFIG command completing
Comment					
Line and byte counters.					
End of Comment					
788	(314)	SIGNED	4	CFLINECT	Line count of the log data set
792	(318)	SIGNED	4	CFSPLNCT	Line count after statement processing
796	(31C)	SIGNED	4	CFBYTECT	Byte count of the log data set
Comment					
<p>The following three DC's have to be contiguous. These three fields are used for the DDNAME in the JDS for spinoff the log data set.</p>					
End of Comment					
800	(320)	CHARACTER	8	CFLOGDD	DDNAME for JDS entry
808	(328)	CHARACTER	8		
816	(330)	CHARACTER	8		

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
Comment						

Function codes for log services.						

End of Comment						
816	(330)	X'0'	0	CFLSOPEN	"0" Open the log	
816	(330)	X'4'	0	CFLSISPN	"4" Intermediate spinoff request	
816	(330)	X'8'	0	CFLSFSPN	"8" Final spinoff request	
816	(330)	X'C'	0	CFLSPURG	"12" Purge request	
Comment						
The following points to the table of initialization statements that are supported via dynamic change.						
End of Comment						
824	(338)	ADDRESS	4	CFINITAB	*F,CONFIG Initialization Statement Table	
Comment						
Register save areas						
End of Comment						
828	(33C)	SIGNED	4	CFREGS (16)	Save area for regs 0 - 15	
892	(37C)	SIGNED	4	CFAP14SV	Register 14 save area for subtask appendages	
896	(380)	SIGNED	4	CFAP15SV	Return code from subtask appendage (R15)	
896	(380)	X'382'	0	CFAP15EM	"CFAP15SV+2,2" 3rd and 4th bytes of R.C. for error message	
Comment						
Parameter Lists.						

MESSAGE Parameter List.						

FMSGPRM MESSAGE MF=L MESSAGE Parameter List						
\$T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0						
End of Comment						
900	(384)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT	
900	(384)	ADDRESS	4	CFMSGPRM	Text Address	
904	(388)	BITSTRING	2		Destination Disp and Mask	
906	(38A)	BITSTRING	1		ACTION flag	
907	(38B)	ADDRESS	1		Options Flag	
908	(38C)	BITSTRING	2		Descriptor Codes	
910	(38E)	SIGNED	2		Reserved 2 Bytes	
912	(390)	BITSTRING	17		Routing Codes	
929	(3A1)	BITSTRING	1	(3)	Reserved	
932	(3A4)	BITSTRING	1	(8)	Jobid	
940	(3AC)	BITSTRING	1	(8)	Jobname	
948	(3B4)	BITSTRING	1	(8)	Key	
956	(3BC)	ADDRESS	4		CNDB Address 1	
960	(3C0)	ADDRESS	4		CNDB Address 2	
964	(3C4)	ADDRESS	4		CNDB Address 3	
968	(3C8)	ADDRESS	4		CNDB Address 4	
972	(3CC)	ADDRESS	4		CNDB Address 5	
976	(3D0)	ADDRESS	4		MLWO Address	

IATYCFW Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

WTOR Parameter List.					

CFWWTOR WTOR TEXT=(,,,), WTOR Parameter List X					
End of Comment					
980	(3D4)	SIGNED	4	CFWWTOR (0)	
980	(3D4)	ADDRESS	2		TEXT LENGTH
982	(3D6)	BITSTRING	2		MCSFLAGS
984	(3D8)	ADDRESS	4		MESSAGE TEXT ADDRESS
988	(3DC)	ADDRESS	1		VERSION LEVEL
989	(3DD)	BITSTRING	1		MISCELLANEOUS FLAGS
990	(3DE)	ADDRESS	1		REPLY LENGTH
991	(3DF)	ADDRESS	1		LENGTH OF WPX
992	(3E0)	BITSTRING	2		EXTENDED MCS FLAGS
994	(3E2)	ADDRESS	2		RESERVED
996	(3E4)	ADDRESS	4		REPLY BUFFER ADDRESS
1000	(3E8)	ADDRESS	4		REPLY ECB ADDRESS
1004	(3EC)	ADDRESS	4		CONNECT ID
1008	(3F0)	BITSTRING	2		DESCRIPTOR CODES
1010	(3F2)	ADDRESS	2		RESERVED
1012	(3F4)	BITSTRING	16		
1028	(404)	BITSTRING	2		MESSAGE TYPE
1030	(406)	ADDRESS	2		MESSAGE'S PRIORITY
1032	(408)	CHARACTER	8		JOB ID
1040	(410)	CHARACTER	8		JOB NAME
1048	(418)	CHARACTER	8		RETRIEVAL KEY
1056	(420)	ADDRESS	4		TOKEN FOR DOM
1060	(424)	ADDRESS	4		CONSOLE ID
1064	(428)	CHARACTER	8		SYSTEM NAME
1072	(430)	CHARACTER	8		CONSOLE NAME
1080	(438)	ADDRESS	4		REPLY CONSOLE NAME/ID ADDR
1084	(43C)	ADDRESS	4		CART ADDRESS
1088	(440)	ADDRESS	4		WSPARM ADDRESS
Comment					

Common OPEN/CLOSE parameter list					

End of Comment					
1092	(444)	SIGNED	4	CFOPCLLS (0)	
Comment					

OPEN (,),MF=L OPEN/CLOSE parameter list					

End of Comment					
1092	(444)	SIGNED	4	(0)	ALIGN LIST TO WORD
1092	(444)	ADDRESS	1		Option byte
1093	(445)	ADDRESS	3		DCB or ACB address
Comment					

RDJFCB Parameter List					

End of Comment					
1096	(448)	SIGNED	4	CFJFCBLS (0)	

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
RDJFCB (,),MF=L RDJFCB parameter list					
End of Comment					
1096	(448)	SIGNED	4	(0)	ALIGN LIST TO WORD
1096	(448)	ADDRESS	1		Option byte
1097	(449)	ADDRESS	3		DCB or ACB address
Comment					

IATXCNDB parameter list					

IATXCNDB MF=(L,CFCNDBLS) IATXCNDB macro LIST form					
MACDATE -94/10/04-<3>					
End of Comment					
0	(0)	X'450'	0	M00M0018	"CFCNDBLS" ++ IATXCNDB NAME
1104	(450)	DBL WORD	8	CFCNDBLS (0)	++ IATXCNDB PARM LIST
1104	(450)	BITSTRING	1	CFCNDBLS_XVERSION	++ INPUT XVERSION
1105	(451)	CHARACTER	6	CFCNDBLS_XKEYCATCH	++ CONSTANT
1111	(457)	BITSTRING	2	CFCNDBLS_XFLAG1	++ FIELD_LABEL
1111	(457)	BITSTRING	0	CFCNDBLS_XOPERATION_INITIALIZE	"B'1000000000000000" ++ XOPERATION.INITIALIZE KEYWORD
1111	(457)	BITSTRING	0	CFCNDBLS_XOPERATION_TRANSFER	"B'0100000000000000" ++ XOPERATION.TRANSFER KEYWORD
1111	(457)	BITSTRING	0	CFCNDBLS_XOPERATION_UPDATE	"B'0010000000000000" ++ XOPERATION.UPDATE KEYWORD
1111	(457)	BITSTRING	0	CFCNDBLS_XOPERATION_RESET	"B'0001000000000000" ++ XOPERATION.RESET KEYWORD
1111	(457)	BITSTRING	0	CFCNDBLS_XOPERATION_VERIFY	"B'0000100000000000" ++ XOPERATION.VERIFY KEYWORD
1111	(457)	BITSTRING	0	CFCNDBLS_XOPERATION_TRANSCONSID	"B'0000010000000000" ++ XOPERATION.TRANSCONSID KEYWORD
1111	(457)	BITSTRING	0	CFCNDBLS_XOPERATION_TRANSROUT	"B'0000001000000000" ++ XOPERATION.TRANSROUT KEYWORD
1111	(457)	BITSTRING	0	CFCNDBLS_XOPERATION_EXTRACTCONSID	"B'0000000100000000" ++ XOPERATION.EXTRACTCONSID KEYWORD
		1...		CFCNDBLS_XOPERATION_EXTRACTCONSNAME	"B'0000000010000000" ++ XOPERATION.EXTRACTCONSNAME KEYWORD
		.1..		CFCNDBLS_XOPERATION_EXTRACTCONSTYPE	"B'0000000001000000" ++ XOPERATION.EXTRACTCONSTYPE KEYWORD
		..1.		CFCNDBLS_XOPERATION_EXTRACTROUT	"B'0000000000100000" ++ XOPERATION.EXTRACTROUT KEYWORD
		...1		CFCNDBLS_XOPERATION_EXTRACTCART	"B'0000000000010000" ++ XOPERATION.EXTRACTCART KEYWORD
1113	(459)	BITSTRING	1	CFCNDBLS_XABEND	++ INPUT

IATYCFW Map

Offsets		Type/Value 1... ..	Len	Name (Dim)	Description
Dec	Hex				
		.1.. ..		CFCNDBLS_XABEND_NO	"B'10000000" ++ XABEND.YES KEYWORD
				CFCNDBLS_XABEND_YES	"B'01000000" ++ XABEND.NO KEYWORD
1114	(45A)	BITSTRING	1	CFCNDBLS_XUSERADDR	++ FIELD_LABEL
1115	(45B)	CHARACTER	1	CFCNDBLS_XRSV001	++ RESERVED
1116	(45C)	ADDRESS	4	CFCNDBLS_XCNDB	++
1120	(460)	ADDRESS	4	CFCNDBLS_XOUTCNDB	++
1124	(464)	ADDRESS	4	CFCNDBLS_XINCNDB	++
1128	(468)	ADDRESS	4	CFCNDBLS_XCONSNM	++
1132	(46C)	ADDRESS	4	CFCNDBLS_XCONSID	++
1136	(470)	ADDRESS	4	CFCNDBLS_XOUTCONSID	++
1140	(474)	CHARACTER	2	CFCNDBLS_XRSV002	++ RESERVED
1142	(476)	BITSTRING	1	CFCNDBLS_XFLAG2	++ FIELD_LABEL
		1... ..		CFCNDBLS_XCMDIND_YES	"B'10000000" ++ XCMDIND.YES KEYWORD
		.1.. ..		CFCNDBLS_XCMDIND_NO	"B'01000000" ++ XCMDIND.NO KEYWORD
1143	(477)	BITSTRING	1	CFCNDBLS_XKEYS	++ FIELD_LABEL
		1... ..		CFCNDBLS_KEYUSED_CMDIND	"B'10000000" ++ KEYUSED.CMDIND KEYWORD
1144	(478)	ADDRESS	4	CFCNDBLS_XROUT	++
1148	(47C)	ADDRESS	4	CFCNDBLS_XCART	++
1152	(480)	ADDRESS	4	CFCNDBLS_XOUTCONSNAME	++
1156	(484)	ADDRESS	4	CFCNDBLS_XOUTCONSTYPE	++
1160	(488)	ADDRESS	4	CFCNDBLS_XOUTROUT	++
1164	(48C)	ADDRESS	4	CFCNDBLS_XOUTCART	++
1164	(48C)	X'40'	0	CFCNDBLSL	** -CFCNDBLS" ++ LENGTH OF PLIST

Comment

IATXCND-3

IATXCPYF parameter list

CFXCPYF IATXCPYF MF=L IATXCPYF macro LIST form
 \$TB= SPOOLDEL HJS7790 110526 PD0PK: z 2.1.0
 IATXCPYF MF=L IATXCPYF List Form

End of Comment

1168	(490)	SIGNED	4	CFXCPYF (0)	IATXCPYF List Form
1168	(490)	ADDRESS	4		Source (FROM) FDB address
1172	(494)	ADDRESS	4		Target (TO) FDB address
1176	(498)	ADDRESS	4		TAT FDB address
1180	(49C)	SIGNED	2		Key length
1182	(49E)	BITSTRING	8		Key value
1190	(4A6)	ADDRESS	2		Key offset
1192	(4A8)	ADDRESS	4		Record exclusion list address

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1196	(4AC)	SIGNED	4		Job number for ATRACK
1200	(4B0)	ADDRESS	4	(2)	Reserved for development

Comment

Messages.

 Message IAT3013

End of Comment

1208	(4B8)	SIGNED	4	IAT3013 (0)	
1208	(4B8)	ADDRESS	2		TEXT LENGTH
1210	(4BA)	BITSTRING	2		MCSFLAGS
1212	(4BC)	CHARACTER	22		
1234	(4D2)	ADDRESS	1		VERSION LEVEL
1235	(4D3)	BITSTRING	1		MISCELLANEOUS FLAGS
1236	(4D4)	ADDRESS	1		REPLY LENGTH
1237	(4D5)	ADDRESS	1		LENGTH OF WPX
1238	(4D6)	BITSTRING	2		EXTENDED MCS FLAGS
1240	(4D8)	ADDRESS	2		RESERVED
1242	(4DA)	ADDRESS	4		REPLY BUFFER ADDRESS
1246	(4DE)	ADDRESS	4		REPLY ECB ADDRESS
1250	(4E2)	ADDRESS	4		CONNECT ID
1254	(4E6)	BITSTRING	2		DESCRIPTOR CODES
1256	(4E8)	ADDRESS	2		RESERVED
1258	(4EA)	BITSTRING	16		
1274	(4FA)	BITSTRING	2		MESSAGE TYPE
1276	(4FC)	ADDRESS	2		MESSAGE'S PRIORITY
1278	(4FE)	CHARACTER	8		JOB ID
1286	(506)	CHARACTER	8		JOB NAME
1294	(50E)	CHARACTER	8		RETRIEVAL KEY
1302	(516)	ADDRESS	4		TOKEN FOR DOM
1306	(51A)	ADDRESS	4		CONSOLE ID
1310	(51E)	CHARACTER	8		SYSTEM NAME
1318	(526)	CHARACTER	8		CONSOLE NAME
1326	(52E)	ADDRESS	4		REPLY CONSOLE NAME/ID ADDR
1330	(532)	ADDRESS	4		CART ADDRESS
1334	(536)	ADDRESS	4		WSPARM ADDRESS

Comment

 Message IAT8053

End of Comment

1338	(53A)	ADDRESS	1	IAT8053	
1339	(53B)	CHARACTER	24		
1363	(553)	CHARACTER	8	IAT8053K	Invalid keyword
1363	(553)	X'55B'	0	END8053	***

Comment

 Message IAT8067

End of Comment

1371	(55B)	ADDRESS	1	IAT8067	
1372	(55C)	CHARACTER	8		
1380	(564)	CHARACTER	8	KEYW8067	Duplicate keyword
1388	(56C)	CHARACTER	23		
1388	(56C)	X'583'	0	END8067	***

IATYCFW Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

Message IAT8069					

End of Comment					
1411	(583)	ADDRESS	1	IAT8069	
1412	(584)	CHARACTER	31		
1443	(5A3)	CHARACTER	22		
1443	(5A3)	X'5B9'	0	END8069	***
Comment					

Message IAT8077					

End of Comment					
1465	(5B9)	ADDRESS	1	IAT8077	
1466	(5BA)	CHARACTER	26		
1492	(5D4)	CHARACTER	8	IAT8077P	Invalid parameter
1492	(5D4)	X'5DC'	0	END8077	***
Comment					

Message IAT8335					

End of Comment					
1500	(5DC)	ADDRESS	1	IAT8335	
1501	(5DD)	CHARACTER	15		Message IAT8335
1516	(5EC)	CHARACTER	8	MEMB8335	Member name
1524	(5F4)	CHARACTER	14		
1538	(602)	CHARACTER	44	DSNN8335	DSNAME
1538	(602)	X'62E'	0	END8335	*** End of message
Comment					

Message IAT8336					

End of Comment					
1582	(62E)	ADDRESS	1	IAT8336	Message IAT8336
1583	(62F)	CHARACTER	43		
1626	(65A)	CHARACTER	8	MEMB8336	Member name
1626	(65A)	X'662'	0	END8336	*** End of message
Comment					

Message IAT8337 (without LOG option).					

End of Comment					
1634	(662)	ADDRESS	2	IAT8337N	
1636	(664)	CHARACTER	36		
1672	(688)	CHARACTER	23		
1672	(688)	X'69F'	0	END8337N	*** End of message

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

Message IAT8337 (with LOG option).					

End of Comment					
1696	(6A0)	ADDRESS	2	IAT8337L	
1698	(6A2)	CHARACTER	36		
1734	(6C6)	CHARACTER	29		
1734	(6C6)	X'6E3'	0	END8337L	*** End of message
Comment					

Message IAT8338					

End of Comment					
1763	(6E3)	ADDRESS	1	IAT8338	
1764	(6E4)	CHARACTER	41		
1805	(70D)	CHARACTER	8	DDNM8338	JES3IN DDNAME
1813	(715)	CHARACTER	9		
1822	(71E)	CHARACTER	44	DSNM8338	JES3IN dataset name
1822	(71E)	X'74A'	0	END8338	***
Comment					

Message IAT8339					

End of Comment					
1866	(74A)	ADDRESS	1	IAT8339	Message IAT8339
1867	(74B)	CHARACTER	43		
1910	(776)	CHARACTER	1	DDNM8339	JES3IN DDNAME
1910	(776)	X'77E'	0	END8339	*** End of message
Comment					

Message IAT8340					

End of Comment					
1918	(77E)	BITSTRING	1	IAT8340 (0)	Message IAT8340
1918	(77E)	ADDRESS	1	LBYT8340	Length of message text
1919	(77F)	CHARACTER	12		
1931	(78B)	CHARACTER	4	R158340	Register 15
1935	(78F)	CHARACTER	8		
1943	(797)	CHARACTER	4	ERRR8340	Error code from request block
1947	(79B)	CHARACTER	7		
1954	(7A2)	CHARACTER	4	INFO8340	INFO code from request block
1954	(7A2)	X'7A6'	0	END8340	*** End of message
Comment					

Message IAT8341					

End of Comment					
1958	(7A6)	ADDRESS	1	IAT8341	Message IAT8341
1959	(7A7)	CHARACTER	38		

IATYCFW Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1997	(7CD)	CHARACTER	8		
2005	(7D5)	CHARACTER	8	DDNM8341	JES3IN DDNAME
2013	(7DD)	CHARACTER	6		
2019	(7E3)	CHARACTER	4	RCOD8341	Return code
2019	(7E3)	X'7E7'	0	END8341	*** End of message
Comment					

Message IAT8342					

End of Comment					
2023	(7E7)	ADDRESS	1	IAT8342	Message IAT8342
2024	(7E8)	CHARACTER	43		
2024	(7E8)	X'813'	0	END8342	*** End of message
Comment					

Message IAT8343					

End of Comment					
2067	(813)	ADDRESS	1	IAT8343	Message IAT8343
2068	(814)	CHARACTER	31		
2068	(814)	X'833'	0	END8343	*** End of message
Comment					

Message IAT8344					

End of Comment					
2100	(834)	ADDRESS	2	IAT8344 (2)	
2108	(83C)	CHARACTER	45		
2153	(869)	CHARACTER	21		
2153	(869)	X'87E'	0	END8344	***
Comment					

Message IAT8345					

End of Comment					
2174	(87E)	ADDRESS	1	IAT8345	
2175	(87F)	CHARACTER	33		
2208	(8A0)	CHARACTER	8	PARM8345	Missing parameter
2208	(8A0)	X'8A8'	0	END8345	***
Comment					

Message IAT8346					

End of Comment					
2216	(8A8)	ADDRESS	2	IAT8346 (2)	
2224	(8B0)	CHARACTER	19		
2243	(8C3)	CHARACTER	16	STMT8346	
2259	(8D3)	CHARACTER	23		
2259	(8D3)	X'8EA'	0	END8346	***

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

Message IAT8348					

End of Comment					
2282	(8EA)	ADDRESS	2	IAT8348 (2)	
2290	(8F2)	CHARACTER	9		
2299	(8FB)	CHARACTER	8	ERR8348	
2307	(903)	CHARACTER	25		
2332	(91C)	CHARACTER	42		
2332	(91C)	X'946'	0	END8348	***
2374	(946)	CHARACTER	8	ERRFAIL	
2382	(94E)	CHARACTER	8	ERRWARN	
Comment					

Message IAT8349					

End of Comment					
2390	(956)	ADDRESS	1	IAT8349	
2391	(957)	CHARACTER	14		
2405	(965)	CHARACTER	4	RWTX8349	"READ" or "WRIT"
2409	(969)	CHARACTER	46		
2455	(997)	CHARACTER	3		
2458	(99A)	CHARACTER	2	RC8349	
2458	(99A)	X'99C'	0	END8349	***
Comment					

Message IAT8350					

End of Comment					
2460	(99C)	ADDRESS	1	IAT8350	
2461	(99D)	CHARACTER	38		
2499	(9C3)	CHARACTER	11		
2510	(9CE)	CHARACTER	16	RESL8350	Final results
2510	(9CE)	X'9DE'	0	END8350	***
2526	(9DE)	CHARACTER	16	NOER8350	
2542	(9EE)	CHARACTER	16	WARN8350	
2558	(9FE)	CHARACTER	1	ERR8350	
Comment					

Message IAT8351 - Date and Time					

End of Comment					
2574	(A0E)	ADDRESS	2	IAT8351A (2)	
2582	(A16)	CHARACTER	1		
2583	(A17)	CHARACTER	23		
2606	(A2E)	CHARACTER	8		
2614	(A36)	BITSTRING	9	DAT8351A	EDIT pattern for date
2623	(A3F)	CHARACTER	8		
2631	(A47)	BITSTRING	9	TIM8351A	EDIT pattern for time
2631	(A47)	X'A50'	0	END8351A	***

IATYCFW Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

Message IAT8351 - Data Set, Member, and Parm String.					

End of Comment					
2640	(A50)	ADDRESS	2	IAT8351B (2)	
2648	(A58)	CHARACTER	1		
2649	(A59)	CHARACTER	14		
2663	(A67)	CHARACTER	44	DSN8351B	Data set name
2707	(A93)	CHARACTER	11		
2718	(A9E)	CHARACTER	8	MEM8351B	Member name
2726	(AA6)	CHARACTER	10		
2736	(AB0)	CHARACTER	8	PRM8351B	Parm string
2736	(AB0)	X'AB8'	0	END8351B	***
Comment					
End of IATYCFW.					
End of Comment					
2744	(AB8)	SIGNED	4	CFWKEND (0)	End of work area
2744	(AB8)	X'AB8'	0	CFWKLEN	"CFWKEND-IATMOCW" Length of work area

IATYCFW Cross Reference

Name

CFADDEQ
 CFALOCE
 CFAP14SV
 CFAP15EM
 CFAP15SV
 CFBLKSE
 CFBYTECT
 CFCFGEP
 CFCFGTKN
 CFCKPTRD
 CFCMDATE
 CFCMTCOM
 CFCMTERR
 CFCMTIME
 CFCMTWAC
 CFCNDB
 CFCNDBLS
 CFCNDBLS_KEYUSED_CMDIND
 CFCNDBLS_XABEND
 CFCNDBLS_XABEND_NO
 CFCNDBLS_XABEND_YES
 CFCNDBLS_XCART
 CFCNDBLS_XCMDIND_NO
 CFCNDBLS_XCMDIND_YES

Name

CFCNDBLS_XCNDB
CFCNDBLS_XCONSID
CFCNDBLS_XCONSNM
CFCNDBLS_XEYECATCH
CFCNDBLS_XFLAG1
CFCNDBLS_XFLAG2
CFCNDBLS_XINCNDB
CFCNDBLS_XKEYS
CFCNDBLS_XOPERATION_EXTRACTCART
CFCNDBLS_XOPERATION_EXTRACTCONSID
CFCNDBLS_XOPERATION_EXTRACTCONSNAME
CFCNDBLS_XOPERATION_EXTRACTCONSTYPE
CFCNDBLS_XOPERATION_EXTRACTROUT
CFCNDBLS_XOPERATION_INITIALIZE
CFCNDBLS_XOPERATION_RESET
CFCNDBLS_XOPERATION_TRANSCONSID
CFCNDBLS_XOPERATION_TRANSFER
CFCNDBLS_XOPERATION_TRANSROUT
CFCNDBLS_XOPERATION_UPDATE
CFCNDBLS_XOPERATION_VERIFY
CFCNDBLS_XOUTCART
CFCNDBLS_XOUTCNDB
CFCNDBLS_XOUTCONSID
CFCNDBLS_XOUTCONSNAME
CFCNDBLS_XOUTCONSTYPE
CFCNDBLS_XOUTROUT
CFCNDBLS_XROUT
CFCNDBLS_XRSV001
CFCNDBLS_XRSV002
CFCNDBLS_XUSERADDR

IATYCFW Cross Reference

Name

CFCNDBLS_XVERSION

CFCNDBLSL
CFDCB

CFDCBE
CFDCBEXL
CFDDNAME
CFDSNAME
CFDYNLRB

CFDYRBPT
CFERRFLG
CFERROR
CFFLAG1
CFFLAG2

CFFLAG3
CFFLAG4
CFICPAD
CFIDVSJD
CFIDVSLD

CFINDDAL
CFINDTAD
CFINDTJD
CFINDTLD
CFINITAB

CFINPINT
CFINRNJD
CFINRNLD
CFINVLID
CFITXCLN

CFJESENT
CFJESTFL
CFJFCBLS
CFJFCBWK
CFLGSPUN

CFLINECT
CFLOGDD
CFLOGEQ
CFLOGERR
CFLOGFDB

CFLOGOPN
CFLOGSPN
CFLOGYES
CFLSFSPN
CFLSISPN

CFLSOPEN
CFLSPURG
CFMCMPL
CFMEMBER
CFMNTFER

CFMOCWJD
CFMSGCHE
CFMSGCHN
CFMSGPRM
CFOPCLLS

CFOPENE
CFOPENJ
CFOREPLY
CFPARMEQ
CFPMFNER

Name

CFRDJFER
CFREGS
CFSEVFLG
CFSPLNCT
CFSYNERR

CFTATFDB
CFTATSPN
CFTUDDNM
CFTUDSNM
CFTUDSST

CFTUNDSP
CFTUPTR1
CFTUPTR2
CFTUPTR3
CFTUPTR4

CFUNALE
CFUXPARM
CFUXPLEN
CFUX15JD
CFUX15LD

CFWKEND
CFWKID
CFWKLEN
CFWTOCON
CFWTOECB

CFWWTOR
CFXCPYF
DAT8351A
DDNM8338
DDNM8339

DDNM8341
DSNM8338
DSNN8335
DSN8351B
END8053

END8067
END8069
END8077
END8335
END8336

END8337L
END8337N
END8338
END8339
END8340

END8341
END8342
END8343
END8344
END8345

END8346
END8348
END8349
END8350
END8351A

END8351B
ERRFAIL
ERRR8340
ERRWARN
ERR8348

IATYCFW Cross Reference

Name

ERR8350
IATMOCW
IAT3013
IAT8053
IAT8053K

IAT8067
IAT8069
IAT8077
IAT8077P
IAT8335

IAT8336
IAT8337L
IAT8337N
IAT8338
IAT8339

IAT8340
IAT8341
IAT8342
IAT8343
IAT8344

IAT8345
IAT8346
IAT8348
IAT8349
IAT8350

IAT8351A
IAT8351B
INFO8340
KEYW8067
LBYT8340

MEMB8335
MEMB8336
MEM8351B
M00M0018
NOER8350

PARM8345
PRM8351B
RCOD8341
RC8349
RESL8350

RWTX8349
R158340
STMT8346
TIM8351A
WARN8350

IATYCLST Information

IATYCLST Heading Information

Common Name: Data Set Concatenation List
Macro ID: IATYCLST
DSECT Name: CLSTTART (header) CLSTNTRY (entry)
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IATYCLST
 Offset: CLSTEYE - CLSTSTRT
 Length: L'CLSTEYE
Storage Attributes: Subpool: 230
 Key: User key
 Residency: 31
Size: CLSTHSIZ (header)
 CLSTESIZ (entry)
Created by: IATDMJA
 IATSIAD
Pointed to by: DSBCLST
Serialization: None
Function: This macro maps the list of data sets in the data set concatenation for spool browse of a data set concatenation. This list is transported in staging areas between IATDMJA on the global and IATSIAD on the local, so compatibility between releases must be maintained.

IATYCLST Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	CLSTSTRT	, CLST header
0	(0)	CHARACTER	8	CLSTEYE	Eyecatcher "IATYCLST"
8	(8)	SIGNED	2	CLSTHLEN	Header length
10	(A)	BITSTRING	1	CLSTVER	Version number
10	(A)	X'1'	0	CLSTVER1	"1" Initial version HJS7760
10	(A)	X'1'	0	CLSTCOVER	"CLSTVER1" Current version
11	(B)	BITSTRING	1	CLSTRSV1	Reserved for IBM
12	(C)	SIGNED	2	CLSTELEN	Entry length
14	(E)	BITSTRING	1	CLSTHFL1	Flag byte

Comment

 Definition of CLSTHFL1

End of Comment

		1... ..		CLSHF180	"X'80" Reserved bit for IBM 11699S5A
		.1.. ..		CLSHF140	"X'40" Reserved bit for IBM 11699S5A
		..1.		CLSHF120	"X'20" Reserved bit for IBM 11699S5A
		...1		CLSHF110	"X'10" Reserved bit for IBM 11699S5A
		.... 1...		CLSHF108	"X'08" Reserved bit for IBM 11699S5A
		.... .1..		CLSHF104	"X'04" Reserved bit for IBM 11699S5A
		.... ..1.		CLSHF102	"X'02" Reserved bit for IBM 11699S5A
		.... ...1		CLSHF101	"X'01" Reserved bit for IBM 11699S5A
15	(F)	BITSTRING	1	CLSTRSV2	Reserved for IBM
16	(10)	SIGNED	4	CLSTLENG	Length of header + entries
20	(14)	SIGNED	4	CLSTOTRM	Offset to terminator
24	(18)	SIGNED	4	CLSTOCUR	Offset to current
28	(1C)	SIGNED	4	CLSTRSV3	Reserved for IBM
32	(20)	DBL WORD	8	CLSTHEND (0)	End of header
32	(20)	X'20'	0	CLSTHSIZ	"CLSTHEND-CLSTSTRT" Size of header

IATYCLST Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	CLSTNTRY	, CLST data set entry

Comment					
<p>A word containing x'FFFFFFFF' indicates the end of the entries.</p> <p>A value of x'FFFFFFFF' indicates that this is a summary entry that represents multiple data sets. A summary entry is passed back from the global to the local when one staging area will not hold all of the data set information. A summary entry may also exist on the local structure pointed to by the DSB when it is not possible to determine whether the summary entry created by the global includes any data sets that are not yet known on the local.</p>					

End of Comment					
0	(0)	SIGNED	4	CLSTTERM (0)	Terminator
0	(0)	SIGNED	4	CLSTJNUM	Job number

Comment					
<p>Note that the Input Service end time stamp and the data set number can be used as a sort key. For a SYSLOG concatenation, which can span multiple jobs, this assumes that two jobs on the same main cannot be created within about one second of each other.</p>					

End of Comment					
4	(4)	BITSTRING	8	CLSTSORT (0)	Sort key
4	(4)	SIGNED	4	CLSTTIME	Input service end time stamp for the job
8	(8)	SIGNED	4	CLSTDSNO	Data set number
12	(C)	SIGNED	4	CLSTRECS	Data set record count
16	(10)	SIGNED	4	CLSTVLID	VALID value
20	(14)	BITSTRING	6	CLSTSPAD	M.R of spool data set 12190S5A
26	(1A)	BITSTRING	2	CLSTRSV4	Reserved for IBM
28	(1C)	BITSTRING	1	CLSTFLG1	Flag byte

Comment					

Definition of CLSTFLG1					

End of Comment					
		1... ..		CLSTCLOS	"X'80" This data set is closed
		.1.		CLSTNOTD	"X'40" No timestamp data for this data set
		..1.		CLSTUNKN	"X'20" This data set was not explicitly returned by the global on the last call. It may have been included in the summary entry.
		...1		CLSTSUMM	"X'10" This is a summary entry created on the global
		.... 1..		CLSTLAST	"X'08" This is the last SYSLOG 12341S5A data set 12341S5A
		.... .1..		CLSTJCMP	"X'04" This job is complete 11334S5A
		.... ..1.		CLSTF102	"X'02" Reserved bit for IBM
		.... ...1		CLSTF101	"X'01" Reserved bit for IBM
29	(1D)	BITSTRING	1	CLSTFLG2	Flag byte 2 11699S5A

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- 11699S5A					
Definition of CLSTFLG2 11699S5A					
11699S5A					
The bits in CLSTFLG2 are preserved when a new CLST 11699S5A table is built after a data set in the concatenation is closed and a different data set opened.					
----- 11699S5A					
End of Comment					
		1... ..		CLSTTSCM	"X'80" Time stamp data for this 11699S5A data set is complete 11699S5A
		.1.. ..		CLSTOPND	"X'40" This data set has been 11699S5A opened 11699S5A
		..1.		CLSTDDEL	"X'20" This data set has been deleted
		...1		CLSTF210	"X'10" Reserved bit for IBM 11699S5A
		.... 1..		CLSTF208	"X'08" Reserved bit for IBM 11699S5A
		.... .1..		CLSTF204	"X'04" Reserved bit for IBM 11699S5A
		.... ..1.		CLSTF202	"X'02" Reserved bit for IBM 11699S5A
		.... ...1		CLSTF201	"X'01" Reserved bit for IBM 11699S5A
30	(1E)	BITSTRING	2	CLSTRSV5	Reserved for IBM 11699S5A
32	(20)	DBL WORD	8	CLSTPRCS	Number of records in the concatenation preceding this data set
40	(28)	ADDRESS	4	CLSTSYSD	Pointer to time stamp data 12100S5A
44	(2C)	BITSTRING	8	CLSTTSLO	Low time stamp 12190S5A
52	(34)	BITSTRING	8	CLSTTSHI	High time stamp 12190S5A
60	(3C)	SIGNED	4	CLSTHIRC	Highest record number seen 12666T1C (used only for open data 12666T1A sets) 12666T1A
64	(40)	SIGNED	4	CLSTRSV6 (4)	Reserved for IBM 12666T1A
64	(40)	X'50'	0	CLSTEEND	*** End of CLST entry
64	(40)	X'50'	0	CLSTESIZ	"CLSTEEND-CLSTNTRY" Size of CLST entry

IATYCLST Cross Reference

Name

- CLSHF101
- CLSHF102
- CLSHF104
- CLSHF108
- CLSHF110
- CLSHF120
- CLSHF140
- CLSHF180
- CLSTCLOS
- CLSTCVER
- CLSTDDEL
- CLSTDSNO
- CLSTEEND
- CLSTELLEN
- CLSTESIZ
- CLSTEYE
- CLSTFLG1
- CLSTFLG2
- CLSTF101
- CLSTF102
- CLSTF201
- CLSTF202
- CLSTF204
- CLSTF208
- CLSTF210

IATYCLST Cross Reference

Name

CLSTHEND
CLSTHFL1
CLSTHIRC
CLSTHLEN
CLSTHSIZ

CLSTJCMP
CLSTJNUM
CLSTLAST
CLSTLENG
CLSTNOTD

CLSTNTRY
CLSTOCUR
CLSTOPND
CLSTOTRM
CLSTPRCS

CLSTRECS
CLSTRSV1
CLSTRSV2
CLSTRSV3
CLSTRSV4

CLSTRSV5
CLSTRSV6
CLSTSORT
CLSTSPAD
CLSTSTRT

CLSTSUMM
CLSTSYSD
CLSTTERM
CLSTTIME
CLSTTSCM

CLSTTSHI
CLSTTSLO
CLSTUNKN
CLSTVER
CLSTVER1
CLSTVLID

IATYCNB Information

IATYCNB Heading Information

Common Name: DUMMY CONTROL SECTION FOR CONSOLE BUFFER CONTROL BLOCK
Macro ID: IATYCNB
DSECT Name: CONBUFCB, CONBVTAB
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: NONE
Storage Attributes: Main Storage: SUBPOOL 0
 Auxiliary Storage: N/A
Size: 111 Bytes
Created by: IATINC2
Pointed to by: ACONSBCB IN IATYTVT
Serialization: NONE
Function: Contains pointers and statistical information for console buffers.

IATYCNB Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	CONBUFCB	
0	(0)	SIGNED	4	CONBACTQ	- POINTER TO ACTIVE ACTION QUEUE
4	(4)	SIGNED	4	CONBPRI	- NUM. BUFFERS-CBCP PRIMARY EXTENT
8	(8)	SIGNED	4	CONBSEC	- NUM. BUFFERS-CBCP SECONDARY EXTENT
12	(C)	SIGNED	4	GRQCR15	- IF DM135 HAS OCCURRED, CONTENT IS THE RETURN CODE FROM IATGRQC. OTHERWISE, THE CONTENT IS NOT PREDICTABLE.
16	(10)	SIGNED	2	CONBCSIZ	- CELL SIZE-CBCP
18	(12)	SIGNED	2	CONBEXM	- MAX SECONDARY EXTENTS DEFINED-CBCP
20	(14)	BITSTRING	1	CONBFLG1	- BUFFER PROCESSING STATUS FLAGS
Comment					
EQU X'80' - Reserved for development					
End of Comment					
		.1..		CONBDDOM	"X'40" - IATCNJS JESTAE ROUTINE FOUND BAD DOM #064
		..1.		CONBF1C	"X'20" - RESERVED
		...1		CONBF1D	"X'10" - RESERVED
		.... 1...		CONBF1E	"X'08" - RESERVED
		.... .1..		CONBF1F	"X'04" - RESERVED
		.... ..1.		CONBF1G	"X'02" - RESERVED
		.... ...1		CONBF1H	"X'01" - RESERVED
21	(15)	BITSTRING	1	CONBFLG2	- CELL/STORAGE SHORTAGE INDICATOR
		1...		CONBF2A	"X'80" - SHORTAGE IN CONSOLE BUFFER CELL POOL
		.1..		CONBF2B	"X'40" - SHORTAGE IN CNWO WORK AREA CELL POOL
		..1.		CONBR220	"X'20" - RESERVED
		...1		CONBR210	"X'10" - RESERVED
		.... 1...		CONBR208	"X'08" - RESERVED
		.... .1..		CONBR204	"X'04" - RESERVED
		.... ..1.		CONBR202	"X'02" - RESERVED
		.... ...1		CONBR201	"X'01" - RESERVED
21	(15)	X'C0'	0	CNBSHORT	"CONBF2A+CONBF2B" CELL POOL SHORTAGE FLAGS 8

IATYCNB Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

CELL POOL VECTOR TABLE FOR CONSOLE BUFFER CELL POOLS					
EACH ENTRY CONTAINS 5 FIELDS					
1. ADDRESS OF CELLPOL CONTROL BLOCK (CPB)					
2. COUNT OF MAXIMUM CELL USAGE					
3. COUNT OF MAXIMUM RESERVED CELL USAGE					
4. COUNT OF MAXIMUM EXTENT USAGE					
5. ECF USED TO AWAIT WHEN OUT OF CELLS					

ENTRY FOR MESSAGE BUFFER POOL					
End of Comment					
24	(18)	SIGNED	4	CONBCPA	- VECTOR-CONSOLE BUFFER CELL POOL
28	(1C)	SIGNED	4	CONBMAX	- MAX CONSOLE BUFFERS IN USE-CBCP
32	(20)	SIGNED	4	CONBMXR	- MAX RESERVED CONSOLE BUFFERS IN USE-CBCP
36	(24)	SIGNED	2	CONBTOTL	- MAX SECONDARY EXTENTS IN USE-CBCP
38	(26)	BITSTRING	1	CONBECF	- AWAIT ECF FOR TEXT BUFFER CELLS
39	(27)	BITSTRING	1	CONBRV1	- PAD TO FULLWORD BOUNDARY 14
Comment					
ENTRY FOR IATCNWO WORK AREA					
End of Comment					
40	(28)	SIGNED	4	CONWOWK	- CELL POOL FOR IATCNWO WORK AREA
44	(2C)	SIGNED	4	CONWOMAX	- MAX NUMBER OF CELLS IN USE
48	(30)	SIGNED	4	CONWOMXR	- MAX RESERVED CELLS IN USE
52	(34)	SIGNED	2	CONWOTOT	- MAXIMUM EXTENTS IN USE
54	(36)	BITSTRING	1	CONWOECF	- ECF FOR AWAIT
55	(37)	BITSTRING	1	CONWRSV2	- PAD TO FULLWORD BOUNDARY 16
56	(38)	BITSTRING	1	CBCBEND (0)	- END OF CONSOLE BUFFER CONTROL BLOCK
56	(38)	X'38'	0	CBCBSIZE	"CBCBEND-CONBUFCB" - SIZE OF BUFFER CONTROL BLOCK
Comment					

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	CONBVTAB	
0	(0)	ADDRESS	4	CONBVAD	- ADDRESS IF CELL POOL CONTROL BLOCK
4	(4)	SIGNED	4	CONBVMC	- MAXIMUM CELLS IN USE FOR THIS POOL
8	(8)	SIGNED	4	CONBVMR	- MAX RESERVED CELLS IN USE FOR THIS POOL
12	(C)	SIGNED	2	CONBVME	- MAXIMUM EXTENTS IN USE FOR THIS POOL
14	(E)	BITSTRING	1	CONBVECF	- ECF TO AWAIT FOR CELLS FOR THIS POOL
Comment					

BIT DEFINITIONS FOR THE CELL WAIT ECF					

End of Comment					
		.1..		CELLAV	"X'40" CELLS AVAIL EXEMPT FCT
		..1.		CELLAVNX	"X'20" CELLS AVAIL NON-EXEMPT FCT
15	(F)	BITSTRING	1	CONBVPAD	Pad to a fullword boundary
16	(10)	SIGNED	4	CONBVEND (0)	End of cell pool vector
16	(10)	X'10'	0	CONBVSIZ	"CONBVEND-CONBVTAB" Size of cell pool vector

IATYCNB Cross Reference**Name**

CBCBEND
CBCBSIZE
CELLAV
CELLAVNX
CNBSHORT

CONBACTQ
CONBCPA
CONBCSIZ
CONBDDOM
CONBECF

CONBEXM
CONBFLG1
CONBFLG2
CONBF1C
CONBF1D

CONBF1E
CONBF1F
CONBF1G
CONBF1H
CONBF2A

CONBF2B
CONBMAX
CONBMXR
CONBPRI
CONBR201
CONBR202
CONBR204
CONBR208
CONBR210

CONBR220
CONBSEC
CONBTOTL
CONBUFCB
CONBVAD

CONBVECF
CONBVEND
CONBVMC
CONBVME
CONBVMR

CONBVPAD
CONBVSIZ
CONBVTAB
CONWOECF
CONWOMAX

CONWOMXR
CONWOTOT
CONWOWK
CONWRSV2
GRQCR15

IATYCNC Information

IATYCNC Programming Interface information

Programming Interface information

IATYCNC

The following fields are **NOT** programming interface information:

- *
- *
- *
- CNCCNCV
- CNCMSAPR
- CNCMSTAR
- CNINADDR
- CNSVRQ
- CNSVSAPR
- CNSVSTAR
- CONHEX
- LCLCALL
- MRCELLGT
- MRCELLPT
- 2
- 4
- 9

End of Programming Interface information

Heading Information • IATYCNC Map

IATYCNC Heading Information

Common Name: Console Service Constants
Macro ID: IATYCNC
DSECT Name: IATCNCN * 3
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IATCNCN (IATCNCN)
 Offset: MODNAME
 Length: L'MODNAME
Storage Attributes: Auxiliary Storage: N/A
 Subpool: 0 (JES3 Nucleus)
 Key: 1 (JESKEY)
Size: PTFNUM-IATCNCN+L'PTFNUM (for IATCNCN)
 * 4
Created by: IATCNCN
Pointed to by: ACONCONS in IATYTVT
Serialization: NONE
Function: This control block contains various constants, flags, addresses and messages that are used by the console service routines.

IATYCNC Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	IATCNCN	
Comment					
IATYMOD BR=NO MODULE IDENTIFICATION JES3 MODULE ENTRY POINT IDENTIFIER 01 Change Activity: \$SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0					
End of Comment					
0	(0)	CHARACTER	8		MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM 13
36	(24)	BITSTRING	1	CMF	- CONSOLE MASTER FLAG
		.... 1...		CONAFAIL	"X'08" - Indicates DSP message appendage abended
Comment					
----- FLAG USED BY IATCNIN FOR MESSAGE (Z) PROCESSING -----					
End of Comment					
37	(25)	BITSTRING	1	YCNCDFLG	FLAG FOR DESTINATION INFO ON THE *MESSAGE (*Z) COMMAND
		1...		YCNCDSTL	"X'80" A LEFT PAREN HAS BEEN FOUND
		.1.		YCNCDSTR	"X'40" A RIGHT PAREN HAS BEEN FOUND
		..1.		YCNCDSTR	"X'20" EITHER A DEST CLASS OR A ROUTE CODE HAS BEEN FOUND
		...1		YCNCDSD	"X'10" A DASH WAS FOUND (RANGE OF ROUTE CODES).
		.... 1...		YCNCDER	"X'08" ERROR CONVERTING ROUTE CODE TO BINARY
		.... .1..		YCNCDRSV3	"X'04" RESERVED
		.... ..1.		YCNCDRSV2	"X'02" RESERVED
		.... ...1		YCNCDRSV1	"X'01" RESERVED
38	(26)	BITSTRING	2	CNCDRSVD8	Reserved for development
40	(28)	ADDRESS	4	CNINADDR	"V(IATCNINX)" ADDRESS OF INPUT MODULE
44	(2C)	ADDRESS	4	CNCDRSV10	RESERVED FOR SERVICE

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
48	(30)	ADDRESS	4	CNCVWVRK	ADDRESS OF CNSV WORK AREA
52	(34)	ADDRESS	4	CBCPADDR	Address of CPB for console buffer cell pool 7
56	(38)	ADDRESS	4	CNCJMECF	Address of JESMSG POST ECF
60	(3C)	BITSTRING	3	CNCJMRSV	Constant zero - must be zero
63	(3F)	BITSTRING	1	CNCDFLFG	ECF mask byte
64	(40)	SIGNED	4	CNCRSVD1 (3)	RESERVED FOR DEVELOPMENT
76	(4C)	SIGNED	4	CNCRSVD7	RESERVED FOR DEVELOPMENT
80	(50)	SIGNED	4	CNCWTOTK	FCT WTO TOKEN COUNTER - INCREMENTED BY IATCNWO EACH TIME A NEW FCT WTO TOKEN IS REQUIRED
84	(54)	SIGNED	4	CBCPMAV	MAX. NUMBER OF CBCP BUFFERS 4
88	(58)	SIGNED	4	CNCMSFCT	FCT ADDRESS LAST MSG ISSUER#389
92	(5C)	BITSTRING	8	CNCXTOK	User exit 70 next token 4
100	(64)	SIGNED	4	CNCDOMID	DOM ID FOR MESSAGE IAT7134

Comment

 The following 3 fields (CNCFRWRK, CNCCNTRL, CNCFREEW) must be contiguous since CDS logic is used to serialize access to the queue of IATCNIC work areas.

End of Comment

104	(68)	DBL WORD	8	CNCFRWRK (0)	Queue of available work areas for IATCNIC.
104	(68)	SIGNED	4	CNCCNTRL	Queue control word
108	(6C)	ADDRESS	4	CNCFREEW	Address of 1st free element
112	(70)	SIGNED	4	CNCRSVS4 (3)	Reserved for service
124	(7C)	SIGNED	4	CNDMJBN0	IATCNDM JESMSG job number
128	(80)	SIGNED	4	CNCFLWEC	ECB corresponding to WTOR 0035 for *FAIL FCT selection 0035
132	(84)	SIGNED	4	CNCRSVU3 (5)	RESERVED FOR USER 7
152	(98)	BITSTRING	1	CNCRSVD2 (4)	RESERVED FOR SERVICE
156	(9C)	SIGNED	4	CNCR2SAV	IATCNIN REG SAVE
160	(A0)	SIGNED	4	CONIDSAV	Console ID save area
164	(A4)	SIGNED	4	SAVE	- SAVE AREA
168	(A8)	SIGNED	4	SAVE2	- SAVE AREA
172	(AC)	ADDRESS	4	SHRTLST	- POINTER TO SHORT COMMAND LIST
176	(B0)	SIGNED	4		- LENGTH TO COMPARE
180	(B4)	SIGNED	4		- NO. OF ENTRIES IN SHORT LIST
184	(B8)	ADDRESS	4	LONGLST	- POINT TO LONG FORM LIST
188	(BC)	SIGNED	4		- LENGTH TO COMPARE 0477
192	(C0)	SIGNED	4		- NO. OF ENTRIES IN LONG LIST
196	(C4)	SIGNED	4	CMPDATA	- INIT NUMBER OF CHAR FOR MOVE
200	(C8)	SIGNED	4		- INCREMENT
204	(CC)	SIGNED	4		- MAX CHAR FOR PARAMETER MOVE 0021
208	(D0)	ADDRESS	4	OBSLVLST	Pointer to obsolete command verb list
212	(D4)	SIGNED	4	EIGHT	- LENGTH OF PREAMBLE
216	(D8)	SIGNED	4	NINE	- LENGTH OF PREAMBLE PLUS ASTERISK
220	(DC)	BITSTRING	4	BLNK	- BLANK CHARACTER
224	(E0)	BITSTRING	4	COMMA	- COMMA - PARAMETER SEPARATOR
228	(E4)	BITSTRING	4	PERIOD	- PERIOD
232	(E8)	CHARACTER	8	WTDDRVR	- DSP NAME
240	(F0)	CHARACTER	8	INQDRVR	- INQUIRY DSP NAME
248	(F8)	CHARACTER	8	MODDRVR	- MODIFY DSP NAME
256	(100)	CHARACTER	8	CSETUP	- SETUP DSP NAME
264	(108)	CHARACTER	8	CCONCMD	- CONCMD DSP NAME #172
272	(110)	CHARACTER	8	CCONSERV	- CONSERV DSP NAME #172
280	(118)	CHARACTER	110	CHNSAVE	MESSAGE BUFFER SAVE AREA
390	(186)	CHARACTER	8	WDSAVE	- INPUT PARAMETER/COMMAND AREA 3
398	(18E)	SIGNED	2	TEN	- CALCULATION CONSTANT 3
400	(190)	SIGNED	2	CNCRSVS9	RESERVED FOR SERVICE
402	(192)	SIGNED	2	CONVERT	- USED TO CONVERT NUMBER TO ALPHA
404	(194)	SIGNED	2	MAXSWTCH	- MAX LENGTH OF MSG TO BE SWITCHED
406	(196)	SIGNED	2	MAXCMD	- MAX INPUT COUNT

IATYCNC Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
406	(196)	X'7E'	0	MINPUT	"126" MAXIMUM INPUT COUNT
406	(196)	X'50'	0	P521MCMD	"80" Pre-521 Maximum Command Input

Comment

 Definition of user data which is passed via
 TOKEN= keyword in MGCRC macro

End of Comment

		1...		AUTHCKNO	"X'80" Bypass command authority check
		.1..		CMDTRANS	"X'40" Bypass command text translation
408	(198)	SIGNED	2	HUNDRED	- CALCULATION CONSTANT
410	(19A)	SIGNED	2	CNCRSD35	- RESERVED FOR DEVELOPMENT
410	(19A)	X'78'	0	JMMAXTXT	"120" MAX TEXT LENGTH FOR JESMSG
410	(19A)	X'23'	0	MAXSPLIT	"35" DEFAULT SPLIT POINT
412	(19C)	BITSTRING	2	ERRORID	- DISP AND MASK FOR ERROR CLASS
414	(19E)	BITSTRING	2	MLOGID	- MASK FOR MLOG IN MSG PARM LIST 4
416	(1A0)	CHARACTER	8	INTERNAL	
424	(1A8)	BITSTRING	4	INTERCON	Internal console ID
428	(1AC)	CHARACTER	2	TWENTY	- MAX DELAY INTERVAL
430	(1AE)	SIGNED	2	ONE	- USED IN DELAY CHAR COUNT TEST
432	(1B0)	SIGNED	2	TWO	- USED TO TEST FOR DELAY FRACTION
434	(1B2)	CHARACTER	5	CDUMP	'DUMP' OPERAND ON *FAIL #675 6
439	(1B7)	CHARACTER	5	CNCFLCSQ	Reply seq. number for *FAIL 0035
444	(1BC)	BITSTRING	1	CNCRSVD4	RESERVED FOR DEVELOPMENT 9
445	(1BD)	BITSTRING	1	CNCRSVDB	RESERVED FOR DEVELOPMENT
446	(1BE)	BITSTRING	2	CNCRSVDS	RESERVED FOR DEVELOPMENT
448	(1C0)	BITSTRING	1	CNCFLAG3	CONSOLES FLAG3

Comment

 DEFINITION OF CNCFLAG3 FLAG BITS

End of Comment

		1...		CNCELREM	"X'80" A CELL WAS REMOVED FROM A QUEUE BY IATCNJS 7
		..1.		CNCMSG70	"X'20" 70% IN-USE MSG ISSUED
		...1		CNCMSG80	"X'10" 80% IN-USE MSG ISSUED
		.... 1...		CNCMSG90	"X'08" 90% IN-USE MSG ISSUED
449	(1C1)	BITSTRING	5	CNCRSVS2	RESERVED FOR SERVICE
454	(1C6)	CHARACTER	4	CNCRSVU4	RESERVED FOR USER

Comment

JES3 Command Verbs (Long Forms).

End of Comment

454	(1C6)	X'1CA'	0	LNGLIST	***
458	(1CA)	CHARACTER	8		- START CMD AND ITS ACTN CODE 0477
466	(1D2)	BITSTRING	1		
467	(1D3)	CHARACTER	8		- RESTART 0477
475	(1DB)	BITSTRING	1		
476	(1DC)	CHARACTER	8		- CANCEL 0477
484	(1E4)	BITSTRING	1		
485	(1E5)	CHARACTER	8		- SEND 0477
493	(1ED)	BITSTRING	1		
494	(1EE)	CHARACTER	8		- FAIL 0477
502	(1F6)	BITSTRING	1		
503	(1F7)	CHARACTER	8		- FREE 0477
511	(1FF)	BITSTRING	1		
512	(200)	CHARACTER	8		- CALL 0477

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
520	(208)	BITSTRING	1		
521	(209)	CHARACTER	8		- VARY 0477
529	(211)	BITSTRING	1		
530	(212)	CHARACTER	8		- INQUIRY 0477
538	(21A)	BITSTRING	1		
539	(21B)	CHARACTER	8		- MODIFY 0477
547	(223)	BITSTRING	1		
548	(224)	CHARACTER	8		- MESSAGE 0477
556	(22C)	BITSTRING	1		
557	(22D)	CHARACTER	8		- SWITCH 0477
565	(235)	BITSTRING	1		
566	(236)	CHARACTER	8		- TRACE
574	(23E)	BITSTRING	1		
575	(23F)	CHARACTER	8		- DUMP 0477
583	(247)	BITSTRING	1		
584	(248)	CHARACTER	8		- RETURN 0477
592	(250)	BITSTRING	1		

Comment

JES3 Command Verbs (Short Forms).

End of Comment

592	(250)	X'251'	0	SHTLIST	***
593	(251)	CHARACTER	1		- START
594	(252)	BITSTRING	1		
595	(253)	CHARACTER	1		- RESTART
596	(254)	BITSTRING	1		
597	(255)	CHARACTER	1		- CANCEL
598	(256)	BITSTRING	1		
599	(257)	CHARACTER	1		- SEND (TRANSMIT)
600	(258)	BITSTRING	1		
601	(259)	CHARACTER	1		- CALL (EXECUTE)
602	(25A)	BITSTRING	1		
603	(25B)	CHARACTER	1		- VARY
604	(25C)	BITSTRING	1		
605	(25D)	CHARACTER	1		- INQUIRY
606	(25E)	BITSTRING	1		
607	(25F)	CHARACTER	1		- MODIFY
608	(260)	BITSTRING	1		
609	(261)	CHARACTER	1		- MESSAGE
610	(262)	BITSTRING	1		

Comment

Obsolete JES3 Command Verbs.
Each entry contains the long and short form of the obsolete command verbs.

End of Comment

611	(263)	BITSTRING	1	OBSVLIST (0)	
611	(263)	CHARACTER	8	OBSVLONG	Long form of command verb
619	(26B)	CHARACTER	1	OBSVSHRT	Short form of command verb
620	(26C)	BITSTRING	1	OBSVEND (0)	End of one entry
620	(26C)	X'9'	0	OBSSEIZE	"*-OBSVLIST" Size of one entry
620	(26C)	CHARACTER	8		Long form of command verb
628	(274)	CHARACTER	1		Short form of command verb
629	(275)	CHARACTER	8		Long form of command verb
637	(27D)	CHARACTER	1		Short form of command verb
638	(27E)	CHARACTER	8		Long form of command verb
646	(286)	CHARACTER	1		Short form of command verb
646	(286)	X'4'	0	OBSVCNT	"(*-OBSVLIST)/OBSSEIZE" Number of command verbs

IATYCNC Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- STATUS AND ERROR MESSAGES -----					
End of Comment					
647	(287)	BITSTRING	51	CNCRSVDJ	Reserved for development 48
Comment					
IAT7130 - CONSOLE INPUT MESSAGE REJECTION					
End of Comment					
698	(2BA)	ADDRESS	1	RJCTMSG	
699	(2BB)	CHARACTER	9	CNS03A	
708	(2C4)	CHARACTER	13	RJCTVERB	
721	(2D1)	CHARACTER	13		
733	(2DD)	CHARACTER	21	RJCTCAUS	
754	(2F2)	BITSTRING	1	CNS03B (0)	
754	(2F2)	CHARACTER	21	RJCT01	06141SVC
775	(307)	CHARACTER	21	RJCT02	06141SVC
796	(31C)	CHARACTER	21	RJCT03	06141SVC
817	(331)	CHARACTER	21	RJCT04	06141SVC
838	(346)	CHARACTER	21	RJCT05	06141SVC
859	(35B)	CHARACTER	21	RJCT06	06141SVC
880	(370)	CHARACTER	21	RJCT07	06141SVC
901	(385)	CHARACTER	21	RJCT08	06141SVC
922	(39A)	CHARACTER	21	RJCT09	06141SVC
943	(3AF)	CHARACTER	21	RJCT10	06141SVC
964	(3C4)	CHARACTER	21	RJCT11	06141SVC
985	(3D9)	CHARACTER	21	RJCT12	06141SVC
1006	(3EE)	CHARACTER	21	RJCT13	06141SVC
1027	(403)	CHARACTER	21	RJCT14	06141SVC
1048	(418)	CHARACTER	21	RJCT15	06141SVC
1069	(42D)	CHARACTER	21	RJCT16	
1090	(442)	CHARACTER	21	RJCT17	06141SVC 6
1111	(457)	CHARACTER	21	RJCT18	06141SVA
1132	(46C)	CHARACTER	1	RJCT24	06141SVC
Comment					
WTO (IAT7130 ' DUMP, 'DDR IS ACTIVE) , 'ROUTCDE=2, MCSFLAG=BRDCAST, MF=L					
End of Comment					
1156	(484)	SIGNED	4	RJCT25M (0)	
1156	(484)	ADDRESS	2		TEXT LENGTH
1158	(486)	BITSTRING	2		MCSFLAGS
1160	(488)	CHARACTER	53		
1216	(4C0)	BITSTRING	2		DESCRIPTOR CODES
1218	(4C2)	BITSTRING	2		ROUTING CODES
1218	(4C2)	X'490'	0	RJCT25CM	"RJCT25M+12,13" Quotated rejected command area 16710TAC
1218	(4C2)	X'4A8'	0	RJCT25	"RJCT25M+36,21" Offset for cause 16710TAC
1220	(4C4)	CHARACTER	21	RJCT26	06141SVC
1241	(4D9)	CHARACTER	21	RJCT27	06141SVC
1262	(4EE)	CHARACTER	21	RJCT28	06141SVC
1283	(503)	CHARACTER	17	RJCT29	
1300	(514)	CHARACTER	4		06141SVC
1304	(518)	CHARACTER	0	RJCT30 (0)	'OPERAND ' INVALID 06141SVC
1304	(518)	CHARACTER	2		OPEN QUOTE #675
1305	(519)	CHARACTER	8	RJCT30OP	INVALID OPERAND #675
1313	(521)	CHARACTER	2		CLOSE QUOTE #675

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1314	(522)	CHARACTER	11		CONSTANT TEXT #675
1325	(52D)	CHARACTER	21	RJCT31	06141SVC
1346	(542)	CHARACTER	21	RJCT32	06141SVC
1367	(557)	CHARACTER	21	RJCT33	06141SVA
1388	(56C)	CHARACTER	21	RJCT34	
1409	(581)	CHARACTER	21	RJCT35	06141SVC
1430	(596)	CHARACTER	21	RJCT36	
1451	(5AB)	CHARACTER	21	RJCT37	
1472	(5C0)	CHARACTER	21	RJCT38	Reserved for IBM 06141SVA
1493	(5D5)	CHARACTER	21	RJCT39	Reserved for IBM 06141SVA
1514	(5EA)	CHARACTER	21	RJCT40	Reserved for IBM 06141SVA
1535	(5FF)	CHARACTER	21	RJCT41	06141SVC
1556	(614)	CHARACTER	21	RJCT42	06141SVC
1577	(629)	CHARACTER	21	RJCT43	Reserved for IBM' 06141SVC
1598	(63E)	CHARACTER	21	RJCT44	Reserved for IBM' 06141SVC
1619	(653)	CHARACTER	21	RJCT45	06141SVA
1640	(668)	CHARACTER	21	RJCT46	Reserved for IBM 06141SVA
1661	(67D)	CHARACTER	21	RJCT47	Reserved for IBM 06141SVA
1682	(692)	CHARACTER	21	RJCT48	Reserved for IBM 06141SVA
1703	(6A7)	CHARACTER	21	RJCT49	Reserved for IBM 06141SVA
1724	(6BC)	CHARACTER	1	RJCT50	Reserved for IBM 06141SVA

Comment

IAT7140 - CONSOLE SWITCH MESSAGE 06141SVM

End of Comment

1745	(6D1)	ADDRESS	1	CNSWTCH	
1746	(6D2)	CHARACTER	8	CNS04A	
1754	(6DA)	CHARACTER	21	CNSWFROM	
1775	(6EF)	CHARACTER	8	CNSWTO	
1783	(6F7)	BITSTRING	1	CNS04B (0)	

Comment

IAT7150 - MESSAGE SWITCH MESSAGE

End of Comment

1783	(6F7)	ADDRESS	1	MSGSWIT	
1784	(6F8)	CHARACTER	8	CNS05A	
1792	(700)	CHARACTER	0	MSGWORK (0)	Max cmd + PREAM + '*'
1792	(700)	CHARACTER	8	MSGDDNM	
1800	(708)	CHARACTER	72	MSGROUTE	
1872	(750)	CHARACTER	157		
2029	(7ED)	BITSTRING	1	CNS05B (0)	

Comment

IAT7181 THE cmd COMMAND IS NO LONGER SUPPORTED

End of Comment

2029	(7ED)	ADDRESS	1	IAT7181	
2030	(7EE)	CHARACTER	12	MSGT7181	Start of message text
2042	(7FA)	CHARACTER	8	CMD7181	Obsolete command
2050	(802)	CHARACTER	31	VAR7181	Room for " COMMAND IS @QAC NO LONGER SUPPORTED" @QAC
2081	(821)	BITSTRING	1	END7181 (0)	End of message
2081	(821)	CHARACTER	31	NTSP7181	Message text appended after the command

IATYCNC Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- 0					
IAT7182 ' FREE <rjpcn>' COMMAND COMPLETE 0					
The message appears without rjpcn (undirected form) 0					
only when issued from an RJP console. When rjpcn 0					
is present (directed form), it is exactly five 0					
characters long. 0					
----- 0					
End of Comment					
2112	(840)	ADDRESS	1	IAT7182	0175
2113	(841)	CHARACTER	15	MSGT7182	Start of message text 0175
2127	(84F)	CHARACTER	0	VAR7182U (0)	Undirected free CCMP7182 0175
2127	(84F)	CHARACTER	1	SEP7182	Separator and RJP console 0175
2128	(850)	CHARACTER	5	RJP7182	name, if directed free, 0175 otherwise both fields are
					0175 overlaid by a copy of 0175 CCMP7182 0175
2133	(855)	CHARACTER	18	VAR7182D	Directed free CCMP7182 0175
2151	(867)	BITSTRING	1	END7182 (0)	End of message 0175
2151	(867)	CHARACTER	19	CCMP7182	0175 Message text appended after 0175 the command
					0175 40

Comment

FIELDS USED BY IATCNC (FREE AND SWITCH PROCESSING)

End of Comment					
2172	(87C)	SIGNED	4	CNINPARM (0)	PARAM LIST FOR IATGROCO CALL 0207 (NEXT 2
					FULLWORDS) 0207
2172	(87C)	ADDRESS	4	CNINNAME	SWITCH_FROM CONSOLE NAME 0207
2176	(880)	ADDRESS	4	CNINSWNM	SWITCH_TO CONSOLE NAME 0207 END OF
					IATGROCO PARAM LIST 0207
2180	(884)	CHARACTER	8	WDSAVE2	WORK AREA FOR *SWITCH AND *MESSAGE
					PROCESSING
2188	(88C)	BITSTRING	17	YCNCRCM	ROUTE CODE MASK FOR ROUTE CODE/ /DEST
					CLASS VALIDATION ROUTINE
2205	(89D)	CHARACTER	3	CNINRSVD	RESERVED FOR DEVELOPMENT
2208	(8A0)	BITSTRING	4	YCNCDSH	- DASH
2212	(8A4)	BITSTRING	4	YCNCPL	- LEFT PAREN
2216	(8A8)	BITSTRING	4	YCNCRP	- RIGHT PAREN

Comment

The following table contains command prefixes which may not warrant translation to upper case.

End of Comment					
2220	(8AC)	CHARACTER	8	CNCINQ1	Inquiry command prefix
2228	(8B4)	CHARACTER	2	CNCINQ2	Inquiry command prefix
2230	(8B6)	CHARACTER	7	CNCMOD1	Modify command prefix
2237	(8BD)	CHARACTER	2	CNCMOD2	Modify command prefix
2239	(8BF)	CHARACTER	6	CNCSTRT1	Start command prefix
2245	(8C5)	CHARACTER	2	CNCSTRT2	Start command prefix
2247	(8C7)	CHARACTER	5	CNCCALL1	Call command prefix
2252	(8CC)	CHARACTER	2	CNCCALL2	Call command prefix

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				

Comment					

<p>The following table contains parameters, per the above command prefixes, indentifying those commands which must not be translated to upper case.</p>					

End of Comment					
2254	(8CE)	CHARACTER	1	CNCOSEMD	Output service inquiry/modify
2255	(8CF)	CHARACTER	7	CNCREROT	Reroute command
2262	(8D6)	CHARACTER	49	CNCRSVS5	Reserved for Service 3#06141SVD 3
2312	(908)	SIGNED	4	CNCRSVDA (3)	
2324	(914)	CHARACTER	8	COMMAND	
2332	(91C)	CHARACTER	11	SUPRESS	\$\$\$\$
2343	(927)	CHARACTER	4	CJSQ	2
2347	(92B)	CHARACTER	3	IAT	
2350	(92E)	CHARACTER	3	IEF	
2353	(931)	CHARACTER	3	IEE	
2356	(934)	CHARACTER	3	IEA	
2359	(937)	CHARACTER	3	IEC	
2362	(93A)	CHARACTER	3	DJC	
2365	(93D)	CHARACTER	2	REP	
2367	(93F)	CHARACTER	2	ID	2
2367	(93F)	X'F'	0	REPLEN	"L'REP+L'ID+L'SUPRESS"
2369	(941)	BITSTRING	3	CNCRVS10	Reserved for Service 0175
2372	(944)	ADDRESS	4	LCLCALL	"V(CNCNLCMD)" ADDRESS OF THE LOCAL COMMAND TABLE EITHER IN IATCNCN OR COMMON STORAGE.
2376	(948)	BITSTRING	145	CNCRSD	RESERVED FOR DEVELOPMENT 11
2521	(9D9)	BITSTRING	1	CNCRSVS1	Reserved for Service
2522	(9DA)	BITSTRING	1	CNCCMDFL	Command Processing Flag

Comment					

Definition of CNCCMDFL bits					

End of Comment					
		1... ..		CNCCMD80	"X'80" Reserved for Service
		.1.. ..		CNCRMDEF	"X'40" Remote defaults processed
		..1.		CNCRMSAF	"X'20" SAF call returned RC=0
		...1		CNCRMERR	"X'10" Remote OPERAND error found
		.... 1...		CNCCMD08	"X'08" Reserved for Service
		.... .1..		CNCCMD04	"X'04" Reserved for Service
		.... ..1.		CNCCMD02	"X'02" Reserved for Service
		.... ...1		CNCCMD01	"X'01" Reserved for Service 31
2523	(9DB)	BITSTRING	1	CNCFLAG1	FLAGS FOR COMMUNICATING BETWEEN SERVICE ROUTINES AND CONSOLES

Comment					

DEFINITION OF CNCFLAG1 BITS					

End of Comment					
		1... ..		CNCF1RV1	"X'80" Reserved for development
		.1.. ..		CNCF1RV2	"X'40" Reserved for development
		..1.		CNCF1RV3	"X'20" Reserved for development 2
		...1		CNCF1RV4	"X'10" Reserved for development
		.... 1...		CNCF1RV5	"X'08" Reserved for development
		.... .1..		CNCF1RV6	"X'04" Reserved for development

IATYCNC Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... ..1.		CNCF1RV7	"X'02" Reserved for development
		.... ...1		CNCLENER	"X'01" COMMAND LENGTH ERROR DETECTED IN IATCNIA
2524	(9DC)	BITSTRING	2	CNCSRVC1	RESERVED FOR DEVELOPMENT
2526	(9DE)	BITSTRING	1	CNCFLAG2	FLAGS FOR CONSOLE QUEUEING

Comment

 DEFINITION OF CNCFLAG2 FLAG BITS

End of Comment

		1...		CNCSUSP	"X'80" DSQLOC returned suspend ret. code
		.1..		CNCF2RV2	"X'40" Reserved for development
		..1.		CNCF2RV3	"X'20" Reserved for development
		...1		CNCF2RV4	"X'10" Reserved for development
		.... 1..		CNCF2RV5	"X'08" Reserved for development
		.... .1..		CNCSTDJM	"X'04" IATCNSV ISSUED STD JESMSG
		.... ...1		CNCF2RV6	"X'01" Reserved for development 8
2527	(9DF)	CHARACTER	2	CNCRSD55	RESERVED FOR DEVELOPMENT
2529	(9E1)	BITSTRING	3	CNCRVD10	Reserved for Development 0175
2532	(9E4)	SIGNED	4	CNDMCELL	CELL IN USE BY IATCNDM 2
2536	(9E8)	SIGNED	4	CNCRSVD6	RESERVED FOR DEVELOPMENT 0443 15

Comment

 TRANSLATE TABLE FOR IATCNIN

End of Comment

2540	(9EC)	CHARACTER	1	CNCTRTBL (74)	X'00' TO X'49' BLANKS
2614	(A36)	CHARACTER	8		X'4A' TO X'50' SP CHARS
2621	(A3D)	CHARACTER	1	(9)	X'51' TO X'59' BLANKS
2630	(A46)	CHARACTER	8		X'5A' TO X'61' SP CHARS
2638	(A4E)	CHARACTER	1	(8)	X'62' TO X'69' BLANKS
2646	(A56)	BITSTRING	1		X'6A' SPECIAL CHARACTER
2647	(A57)	CHARACTER	5		X'6B' TO X'6F' SP CHARS
2652	(A5C)	CHARACTER	1	(9)	X'70' TO X'78' BLANKS
2661	(A65)	BITSTRING	1		X'79' SPECIAL CHARACTER
2662	(A66)	CHARACTER	7		X'7A' TO X'7F' SP CHARS
2668	(A6C)	CHARACTER	16		LOWER CASE ALPHA CHARS
2684	(A7C)	CHARACTER	16		LOWER CASE ALPHA CHARS
2700	(A8C)	BITSTRING	2		X'A0' BLANK, X'A1' SPEC CHAR
2702	(A8E)	CHARACTER	14		LOWER CASE ALPHA CHARS
2716	(A9C)	CHARACTER	1	(16)	X'B0' TO X'BF' CHARACTERS
2732	(AAC)	BITSTRING	1		X'C0' SPECIAL CHARACTER
2733	(AAD)	CHARACTER	15		UPPER CASE ALPHA CHARS
2748	(ABC)	BITSTRING	1		X'D0' SPECIAL CHARACTER
2749	(ABD)	CHARACTER	15		UPPER CASE ALPHA CHARS
2764	(ACC)	BITSTRING	1		X'E0' SPECIAL CHARACTER
2765	(ACD)	CHARACTER	15		UPPER CASE ALPHA CHARS
2780	(ADC)	CHARACTER	16		
0	(0)	X'400'	0	SIZECELL	"1024" FIXED SIZE OF CNWO CELL, CELLPOOL BUILT BY IATINC2 AND CELLS USED BY IATCNWO 2

Comment

----- #
 CONCMD DSP RECOVERY WORK AREAS #
 ----- #

End of Comment

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
2796	(AEC)	ADDRESS	4	CNCMSTAR	ADDRESS OF STAGING AREA #172 CURRENTLY BEING PROCESSED #172
2800	(AF0)	ADDRESS	4	CNCMSAPR	USED DURING CONCMD JESTAE #172 STAGING AREA VALIDATION TO #172 POINT TO THE LAST VALID #172 STAR ON THE S34 DEST QUEUE #172
2804	(AF4)	BITSTRING	1	CNCMECFM	ECF MASK CURRENTLY BEING #172 PROCESSED #172
2805	(AF5)	BITSTRING	1	CNCMJRFL	CNCM JESTAE RECOVERY FLAGS #172
		1...		CNCMJRDA	"X'80" JESTAE RECOVERY DISABLED #172
		..1.		CNCMJRSA	"X'20" JSERV FOR CURRENT STA ISSUED#172 #172
2806	(AF6)	BITSTRING	1	CNCMSAFL	CNCM JESTAE RECOVERY FLAGS, #172 FOR STAGING AREA VALIDATION #172
		1...		CNCMSACK	"X'80" STAGING AREA QUEUE VALIDITY #172 CHECKING IS IN PROGRESS #172
		.1..		CNCMSA34	"X'40" SVC 34 DST Q IS VALID #172
		.... 1..		CNCMSALO	"X'08" CNCMSTAR STAGING AREA FOUND #172 ON A DESTINATION QUEUE #172
		.... .1..		CNCMSADE	"X'04" CNCMSTAR STAGING AREA HAS #172 BEEN REMOVED FROM THE DST Q #172 WITHOUT ISSUING A JSERV #172 DUE TO A CRITICAL ERROR #172
		.... ..1.		CNCMSAJS	"X'02" A JSERV WAS ISSUED FROM THE #172 CONCMD JESTAE TO FREE UP #172 THE STAGING AREA IN ERROR #172 #172
2807	(AF7)	BITSTRING	1	CNCMJRSV	RESERVED FOR DEVELOPMENT #172
2808	(AF8)	SIGNED	4	CONWOADD	SECONDARY VECTOR FOR THE CNWO CELL POOL 7
2812	(AFC)	SIGNED	4	CNCRSVU6 (9)	RESERVED FOR USER #172

Comment

----- #
 THE FOLLOWING BRANCHES PROVIDE ACCESS TO SUBROUTINES
 IN IATCNRN.

End of Comment

2848	(B20)	SIGNED	2	CPCBERR1 (3)	HOLD PLACE FOR INSTRUCTIONS
2854	(B26)	BITSTRING	2	CNCRVS11	Reserved for Service 0175
2856	(B28)	ADDRESS	4	MRCELLPT	"V" ADDR OF SUBROUTINE RNCCELLPT
2860	(B2C)	ADDRESS	4	MRCELLGT	"V" ADDR OF SUBROUTINE RNCCELLGT
2864	(B30)	ADDRESS	4	CNCCNCV	"V" ADDR of SUBROUTINE RNCNCV
2868	(B34)	ADDRESS	4	CONHEX	"V" ADDR OF SUBROUTINE CNCONHEX 5
2872	(B38)	SIGNED	4	CNCRSVS7	RESERVED FOR SERVICE

Comment

 CONSERV DSP RECOVERY WORK AREAS

End of Comment

2876	(B3C)	ADDRESS	4	CNSVRQ	ADDRESS OF RQ
2880	(B40)	ADDRESS	4	CNSVSTAR	ADDRESS OF STAGING AREA CURRENTLY BEING PROCESSED
2884	(B44)	ADDRESS	4	CNSVSAPR	USED DURING CONSERV JESTAE STAGING AREA VALIDATION TO POINT TO THE LAST VALID STAR ON THE CNSVSAQI QUEUE
2888	(B48)	BITSTRING	1	CNSVECFM	ECF MASK CURRENTLY BEING PROCESSED
2889	(B49)	BITSTRING	1	CNSVJRFL	CNSV JESTAE RECOVERY FLAGS

IATYCNC Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				

DEFINITIONS FOR IATCNSV RECOVERY FLAGS - CNSVJRFL					

End of Comment					
		1... ..		CNSVJRDA	"X'80" JESTAE RECOVERY DISABLED
		.1.. ..		CNSVJRRQ	"X'40" RQ CLEANUP PROCESSED
		..1.		CNSVJRSA	"X'20" JSERV FOR CURRENT STA ISSUED
		...1		CNSVEX70	"X'10" CALL FOR USER EXIT 70 IS IN PROGRESS
		.... 1...		CNSVABMN	"X'08" IATABMN HAS COMPLETED CSVDYNEX RECOVER PROCESSING
		.... .1..		CNSVADRT	"X'04" THERE ARE ADDITIONAL EXIT 70 ROUTINES TO CALL
		.... ..1.		CNSVRT70	"X'02" RETRY TO COMPLETE CALL TO USER EXIT 70
2890	(B4A)	BITSTRING	1	CNSVSAFL	CNSV JESTAE RECOVERY FLAGS, FOR STAGING AREA VALIDATION
		1... ..		CNSVSACK	"X'80" STAGING AREA QUEUE VALIDITY CHECKING IS IN PROGRESS #172
		..1.		CNSVJR20	"X'20" Reserved flag
		...1		CNSVSA35	"X'10" SVC 35 DST Q IS VALID
		.... 1...		CNSVSALO	"X'08" CNSVSTAR STAGING AREA FOUND ON A DESTINATION QUEUE
		.... .1..		CNSVSADE	"X'04" CNSVSTAR STAGING AREA HAS BEEN REMOVED FROM THE DST Q WITHOUT ISSUING A JSERV DUE TO A CRITICAL ERROR
		.... ..1.		CNSVSAJS	"X'02" A JSERV WAS ISSUED FROM THE CONSERV JESTAE TO FREE UP THE STAGING AREA IN ERROR
2891	(B4B)	BITSTRING	1	CNSVSAQI	DESTINATION QUEUE INDEX CURRENTLY BEING VALIDATED
2892	(B4C)	BITSTRING	1	CNSVJRSV	RESERVED FOR DEVELOPMENT
2893	(B4D)	ADDRESS	1	CNMG155L	
2894	(B4E)	CHARACTER	41		
2935	(B77)	CHARACTER	5	CNMG155A	
2940	(B7C)	CHARACTER	8	CNMG155J	JOB NAME
2948	(B84)	CHARACTER	1	CNMG155Q	'
2949	(B85)	CHARACTER	8	CNMG155I	Job id
2957	(B8D)	CHARACTER	1	CNMG155P	
2958	(B8E)	CHARACTER	38	CNMG155G	
2958	(B8E)	X'BB4'	0	CNMG155E	***
2996	(BB4)	CHARACTER	38	CNMG155C	1
3034	(BDA)	CHARACTER	1	CNMG155S	
3034	(BDA)	X'17'	0	CNMG155B	"CNMG155G-CNMG155A" 9

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				

STORAGE FOR IATCNIN WORK CNDB FOR MESSAGE COMMAND					

CNCCNDB IATYCNC DSECT=NO IATYCNCDB PARAMETER LIST 0					
IATYCNCDB_1;					
START OF SPECIFICATIONS					
01 PROPRIETARY STATEMENT=					
PROPRIETARY_STATEMENT					
LICENSED MATERIALS - PROPERTY OF IBM					
5647-A01 COPYRIGHT IBM CORP. 1989, 2010					
STATUS= HJS7770					
END_OF_PROPRIETARY_STATEMENT					
This data area is maintained as a CASE mapping macro.					
Changes should be made to the CASE source and then					
the PLX and Assembler should be regenerated.					
Do NOT make changes to the PLX or Assembler directly!					
01 Descriptive Name: Console Destination Block					
Acronym: CNDB					
01 Macro Name: IATYCNCDB					
01 DSECT Name: IATYCNCDB					
--based variable for storage mapping					
01 Component: JES3 (SC1BA)					
01 Function:					
02 The console destination block is a control block that					
contains information related to the destination that					
messages should be sent to. This control block is built					
as commands are entered into to the system and is used by					
command processors as a destination for where to return					
messages to. The control block is imbedded in other					
control blocks and the size of the data area must not					
change (otherwise a JES3 cold start is required). The					
data is referenced by non-source maintained modules, so					
offsets into the data area must not change.					
01 Eye-Catcher: CNDBEYE					
02 Offset: 4					
02 Length: 4					
01 Language: PL/X					
01 Storage Attributes:					
02 Allocation Method: Imbedded within other control blocks					
02 Main Storage: 94					
02 Virtual Storage: 94					
02 Auxiliary Storage: 94					
02 Subpool: n/a					
02 Key: 1					
02 Data Space: N/A					
02 Residency: any					
02 Frequency: n/a					
02 Size: 94					
02 Created by: n/a					
02 Deleted by: n/a					
02 Pointed to by: Imbedded within other control blocks					
02 Serialization: none					
01 EXTERNAL CLASSIFICATION: DMTI					
01 END OF EXTERNAL CLASSIFICATION:					
01 Method Of access:					
02 ASM: IATYCNCDB					

IATYCNC Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
02	PLX:	%INCLUDE SYSLIB(IATYCNCDB)			
01	CHANGE ACTIVITY:				
	\$QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support				
	\$RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init				
	\$T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0				
	CASE/390 - VERSION 49				
	END OF SPECIFICATIONS				
%					
End of Comment					
3060	(BF4)	SIGNED	4	YCNCNCDB (0)	IATYCNCDB.27: based variable for storage mapping
3060	(BF4)	SIGNED	4		Four byte console id 0176
3064	(BF8)	CHARACTER	4		IATYCNCDB eyecatcher
3068	(BFC)	ADDRESS	4		IATYCNCDB version
3072	(C00)	BITSTRING	8		Reserved for development
3080	(C08)	BITSTRING	8		Console Name 0176
3088	(C10)	BITSTRING	24		Reserved for development
3112	(C28)	SIGNED	2		Reserved for development
3114	(C2A)	BITSTRING	40		Reserved for development

Comment

The following two fields - CNCCML and CNCCMD must be contiguous. This is used for MGCRE issuance.

When the MGCRE is issued, the TEXT= keyword must point to a data area containing the 2-byte command text length followed by the command text.

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
End of Comment					
3154	(C52)	SIGNED	2	CNCCML	Command text length
3156	(C54)	CHARACTER	126	CNCCMD	Command text 04711SQA
3282	(CD2)	BITSTRING	2	CNCRSVD9	Reserved for IBM 04711SQA
3284	(CD4)	SIGNED	2	CNCLST (0)	MGCRE PARAMTER LIST
3284	(CD4)	ADDRESS	1		FLAG FIELD '00'
3285	(CD5)	ADDRESS	1		RESERVED
3286	(CD6)	BITSTRING	1		FLAG FIELD
3287	(CD7)	BITSTRING	1		FLAG FIELD 2
3288	(CD8)	CHARACTER	5		CONTROL BLOCK ACRONYM 'MGCRE'
3293	(CDD)	ADDRESS	1		VERSION LEVEL
3294	(CDE)	BITSTRING	1		FLAG FIELD 3
3295	(CDF)	ADDRESS	1		RESERVED
3296	(CE0)	ADDRESS	4		ADDRESS OF THE COMMAND TEXT
3300	(CE4)	ADDRESS	4		TOKEN
3304	(CE8)	CHARACTER	8		CONSOLE NAME
3312	(CF0)	ADDRESS	4		CONSOLE ID
3316	(CF4)	BITSTRING	1		COMMAND DISPOSITION
3317	(CF5)	BITSTRING	2		COMMAND AUTHORITY LEVEL
3319	(CF7)	BITSTRING	1		RESERVED
3320	(CF8)	BITSTRING	8		COMMAND AND RESPOSE TOKEN
3328	(D00)	BITSTRING	8		SYSTEM NAME
3336	(D08)	ADDRESS	4		UTOKEN ADDRESS
3340	(D0C)	BITSTRING	4		RESERVED
3340	(D0C)	X'CD4'	0	CNCLSTP	"CNCLST,*-CNCLST"
3340	(D0C)	X'3C'	0	CNCLSTL	** -CNCLST"
3344	(D10)	SIGNED	4	CNCEND (0)	END OF CONTROL BLOCK
3344	(D10)	X'D10'	0	CNCSIZE	"CNCEND-IATCNCN" SIZE OF CONTROL BLOCK 87

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATCNCN	

IATYCNC Cross Reference**Name**

AUTHCKNO
BLNK
CBCPADDR
CBCPMAX
CCMP7182

CCONCMD
CCONSERV
CDUMP
CHNSAVE
CJSQ

CMDTRANS
CMD7181
CMF
CMPDATA
CNCCALL1

CNCCALL2
CNCCMD
CNCCMDFL
CNCCMD01
CNCCMD02

CNCCMD04
CNCCMD08
CNCCMD80
CNCCML
CNCCNCV

CNCCNTRL
CNCDLFLG
CNCDOMID
CNCELREM
CNCEND

CNCEXTOK
CNCFLAG1
CNCFLAG2
CNCFLAG3
CNCFLCSQ

CNCFLWEC
CNCFREEW
CNCFRWRK
CNCF1RV1
CNCF1RV2

CNCF1RV3
CNCF1RV4
CNCF1RV5
CNCF1RV6
CNCF1RV7

CNCF2RV2
CNCF2RV3
CNCF2RV4
CNCF2RV5
CNCF2RV6

CNCINQ1
CNCINQ2
CNCJMECF
CNCJMRSV
CNCLENER

IATYCNC Cross Reference

Name

CNCLST
CNCLSTL
CNCLSTP
CNCMECFM
CNCMJRDA

CNCMJRFL
CNCMJRSA
CNCMJRSV
CNCMOD1
CNCMOD2

CNCMSACK
CNCMSADE
CNCMSAFL
CNCMSAJS
CNCMSALO

CNCMSAPR
CNCMSA34
CNCMSFCT
CNCMSG70
CNCMSG80

CNCMSG90
CNCMSTAR
CNCOSCMD
CNCREROT
CNCRMDEF

CNCRMERR
CNCRMSAF
CNCRSD
CNCRSD35
CNCRSD55

CNCRSVDA
CNCRSVDB
CNCRSVDJ
CNCRSVDS
CNCRSVD1

CNCRSVD2
CNCRSVD4
CNCRSVD6
CNCRSVD7
CNCRSVD8

CNCRSVD9
CNCRSVS1
CNCRSVS2
CNCRSVS4
CNCRSVS5

CNCRSVS7
CNCRSVS9
CNCRSVU3
CNCRSVU4
CNCRSVU6

CNCRSV10
CNCRVD10
CNCRVS10
CNCRVS11
CNCR2SAV

CNCSIZE
CNCSRVC1
CNCSTDJM
CNCSTRT1
CNCSTRT2

Name

CNCSUSP
CNCSVWRK
CNCTRTBL
CNCWTOTK
CNDMCELL

CNDMJBNO
CNINADDR
CNINNAME
CNINPARM
CNINRSVD

CNINSWNM
CNMG155A
CNMG155B
CNMG155C
CNMG155E

CNMG155G
CNMG155I
CNMG155J
CNMG155L
CNMG155P

CNMG155Q
CNMG155S
CNSVABMN
CNSVADRT
CNSVECFM

CNSVEX70
CNSVJRDA
CNSVJRFL
CNSVJRRQ
CNSVJRSA

CNSVJRSV
CNSVJR20
CNSVRQ
CNSVRT70
CNSVSACK

CNSVSADE
CNSVS AFL
CNSVSAJS
CNSVSALO
CNSVSAPR

CNSVSAQI
CNSVSA35
CNSVSTAR
CNSWFROM
CNSWTCH

CNSWTO
CNS03A
CNS03B
CNS04A
CNS04B

CNS05A
CNS05B
COMMA
COMMAND
CONAFAIL

CONHEX
CONIDSAV
CONVERT
CONWOADD
CPCBERR1

IATYCNC Cross Reference

Name

CSETUP
DJC
EIGHT
END7181
END7182

ERRORID
HUNDRED
IAT
IATCNCN
IATCNCN

IAT7181
IAT7182
ID
IEA
IEC

IEE
IEF
INQDRVR
INTERCON
INTERNAL

JMMAXTXT
LCLCALL
LNGLIST
LONGLST
MAXCMD

MAXSPLIT
MAXSWTCH
MINPUT
MLOGID
MODDRVR

MRCELLGT
MRCELLPT
MSGDDNM
MSGROUTE
MSGSWIT

MSGT7181
MSGT7182
MSGWORK
NINE
NTSP7181

OBSESIZE
OBSLVLST
OBSVCNT
OBSVEND
OBSVLIST

OBSVLONG
OBSVSHRT
ONE
PERIOD
P521MCMD

REP
REPLEN
RJCTCAUS
RJCTMSG
RJCTVERB

RJCT01
RJCT02
RJCT03
RJCT04
RJCT05

Name

RJCT06
RJCT07
RJCT08
RJCT09
RJCT10

RJCT11
RJCT12
RJCT13
RJCT14
RJCT15

RJCT16
RJCT17
RJCT18
RJCT24
RJCT25

RJCT25CM
RJCT25M
RJCT26
RJCT27
RJCT28

RJCT29
RJCT30
RJCT30OP
RJCT31
RJCT32

RJCT33
RJCT34
RJCT35
RJCT36
RJCT37

RJCT38
RJCT39
RJCT40
RJCT41
RJCT42

RJCT43
RJCT44
RJCT45
RJCT46
RJCT47

RJCT48
RJCT49
RJCT50
RJP7182
SAVE

SAVE2
SEP7182
SHRTLST
SHTLIST
SIZECELL

SUPRESS
TEN
TWENTY
TWO
VAR7181

VAR7182D
VAR7182U
WDSAVE
WDSAVE2
WTDDRVR

IATYCNC Cross Reference

Name

YCNCNDB
YCNCD
YCNCDFLG
YCNCDSH
YCNCDVRT
YCNCDSTL
YCNCDSTR
YCNCDER
YCNCLP
YCNCRCM
YCNCRP
YCNCRSV1
YCNCRSV2
YCNCRSV3

IATYCNDDB Information

IATYCNDDB Heading Information

Common Name: Console Destination Block
Macro ID: IATYCNDDB
DSECT Name: IATYCNDDB --based variable for storage mapping
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: CNDBEYE
 Offset: 4
 Length: 4
Storage Attributes: Main Storage: 94
 Virtual Storage: 94
 Auxiliary Storage: 94
 Subpool: n/a
 Key: 1
 Data Space: N/A
 Residency: any
Size: 94
Created by: n/a
Pointed to by: Imbedded within other control blocks
Serialization: none
Function: The console destination block is a control block that contains information related to the destination that messages should be sent to. This control block is built as commands are entered into to the system and is used by command processors as a destination for where to return messages to. The control block is imbedded in other control blocks and the size of the data area must not change (otherwise a JES3 cold start is required). The data is referenced by non-source maintained modules, so offsets into the data area must not change.

IATYCNDDB Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYCNDDB	IATYCNDDB.27: based variable for storage mapping
0	(0)	SIGNED	4	CNDBCNDID	IATYCNDDB.44: Console id
4	(4)	CHARACTER	4	CNDBEYE	IATYCNDDB.56: IATYCNDDB eyecatcher
8	(8)	SIGNED	4	CNDBVERS	IATYCNDDB.62: IATYCNDDB version
12	(C)	CHARACTER	8	CNDBCART	IATYCNDDB.68: Command and response token
20	(14)	CHARACTER	8	CNDBCNNM	IATYCNDDB.74: Console name
28	(1C)	CHARACTER	8	CNDBRSD3	IATYCNDDB.80: Reserved for dev
36	(24)	CHARACTER	16	CNDBRSD4	IATYCNDDB.86: Reserved for dev
52	(34)	SIGNED	2	CNDBRSD5	IATYCNDDB.92: Destination class
54	(36)	BITSTRING	1	CNDBFLG1 (0)	IATYCNDDB.98: Flag byte
		1...		CNDBRESP	"X'80" IATYCNDDB.254: Command response indicator
55	(37)	BITSTRING	1	CNDBCTYP	IATYCNDDB.162: Console Type Mapped by IATYCTYP
56	(38)	CHARACTER	4	CNDBRSD6	IATYCNDDB.104: Reserved for dev
60	(3C)	CHARACTER	17	CNDBROUT (0)	IATYCNDDB.110: Routing code mask
60	(3C)	CHARACTER	16	CNDB_ROUTE16	IATYCNDDB.110: Routing code mask
76	(4C)	CHARACTER	1	CNDB_ROUTE17 (0)	IATYCNDDB.110: Routing code mask
		1...		CNDB_ROUTE17_ALL	"X'80" Dest Class = ALL
		.1..		CNDB_ROUTE17_MLG	"X'40" Dest Class = MLOG
77	(4D)	CHARACTER	1	CNDBRSD7	IATYCNDDB.259: Reserved for dev
78	(4E)	CHARACTER	15	CNDBRSS1	IATYCNDDB.116: Reserved for service
93	(5D)	CHARACTER	1	CNDBRSD8	IATYCNDDB.122: Reserved for development 2
93	(5D)	X'1'	0	CNDB313	"1" IATYCNDDB.150: Equate for HJS3313
93	(5D)	X'2'	0	CNDB521	"2" IATYCNDDB.262: Equate for HJS5521
94	(5E)	X'2'	0	CNDBCURR	"CNDB521" IATYCNDDB current version
94	(5E)	X'5E'	0	IATYCNDDB_LEN	** -IATYCNDDB"

IATYCNDB Cross Reference

IATYCNDB Cross Reference

Name

CNDB_ROUTE17
CNDB_ROUTE17_ALL

CNDB_ROUTE17_MLG

CNDB_ROUT16
CNDBCART
CNDBCNIID
CNDBCNNM
CNDBCTYP

CNDBCURR
CNDBEYE
CNDBFLG1
CNDBRESP
CNDBROUT

CNDBRSD3
CNDBRSD4
CNDBRSD5
CNDBRSD6
CNDBRSD7

CNDBRSD8
CNDBRSS1
CNDBVERS
CNDB313
CNDB521

IATYCNDB
IATYCNDB_LEN

IATYCNDF Information

IATYCNDF Heading Information

Common Name: DLOG Format Routine(s) Data Areas
Macro ID: IATYCNDF
DSECT Name: CNDFMMOD, TXTFPARM, CNDFXTXF
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: none
Storage Attributes: Main Storage: Specified CPOOL id
 Auxiliary Storage: N/A
Size: N/A
Created by: IATCNDFM
Pointed to by: N/A
Serialization: none
Function: Parameter lists for passing information to DLOG Format routine (IATCNDFM). The module parameter list consists of a Function code followed by a pointer to the specific Function Code's parameter list.

```

+-----+
| Function Code |
|             |
+-----+
| Function Parm |
| List pointer |----->+-----+
+-----+      | Function  |
| Specific    |
| Information |
+-----+
Valid Function Codes:
TXTF -- "Format list of MDBs in DLOG Format"
An MDB, or chain of MDBs, is passed. A chain
of Formatted text objects is returned. Entries
on the returned chain is mapped by IATYCNDF.
"DO NOT CHANGE ANY OFFSETS IN THIS MACRO --
Referenced by Non-Source Maintained code"
    
```

IATYCNDF Map

Offsets

Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	CNDFMMOD	Module parameter list
0	(0)	CHARACTER	4	CNDFFUNC	Function Code for specific ...operation to invoke
4	(4)	ADDRESS	4	CNDFPRM	Address of Function code's parameter list (ex, "TXTF")
4	(4)	X'8'	0	CNDFMEND	*** End of Module Parm list
4	(4)	X'8'	0	CNDFMSIZ	"(CNDFMEND-CNDFMMOD)" Size of Module Parm list

Comment

IATCNDFM -- Calling Environments. The calling environment will influence the entry linkage code for IATCNDFM. Pass the indication of the calling environment in register 0.

End of Comment

4	(4)	X'0'	0	CNDFNUC	"0" Calling Environment for IATCNDFM ...is Nuctask
4	(4)	X'4'	0	CNDFNUC	"4" Calling Environment for IATCNDFM ...is Not JES3 Nuctask

Offsets

Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	TXTFPARM	"TXTF" Parm List
0	(0)	ADDRESS	4	TXTFMDBP	Pointer to MDB(s) to Format
4	(4)	ADDRESS	4	TXTFMDBA	Alet of MDB(s) to Format

IATYCNDF Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
8	(8)	SIGNED	4	TXTFCPID	Cell Pool id for Storage ...Used for Formatted Text ...and TXTF entry
8	(8)	X'80'	0	TXTFCLSZ	"128" Minimum required size for ...CPOOL Cells (Max size of ...WTO/WTL text record)
12	(C)	ADDRESS	4	TXTFCDFFA	Pointer to Anchor for ...formatted Text Objects ...(mapped by CNDFTXTF)
12	(C)	X'10'	0	TXTFEND	*** End of "TXTF" Parm list
12	(C)	X'10'	0	TXTFSIZE	"(TXTFEND-TXTFPARM)" Size of "TXTF" Parm list

Comment

Return and Reason Codes. Return Code is in R15 and the Reason Code is in R0.

End of Comment

12	(C)	X'0'	0	CNDFR TOK	"0" CNDFM function performed ...successfully
12	(C)	X'4'	0	CNDFR TBD	"4" Failure During CNDFM ...processing

Comment

 General Reason Codes (Function Independent) -- R0

End of Comment

12	(C)	X'0'	0	CNDFR SOK	"0" Dummy Reason Code--Everything ...is fine
12	(C)	X'4'	0	CNDFR SUN	"4" Unknown Function Requested ...(CNDFFUNC value not known)

Comment

 Function Specific Reason Codes (returned in R0)

End of Comment

12	(C)	X'8'	0	TFRSMDBZ	"8" Passed MDB Address was Zero ...(Alet and Pointer)
12	(C)	X'C'	0	TFRSANCZ	"12" Passed Anchor address for ...formatted text entries ...was Zero
12	(C)	X'10'	0	TFRSCPIZ	"16" Passed Cell Pool Id was ...zero
12	(C)	X'14'	0	TFRSNOST	"20" Unable to obtain storage for ...DLOG records (check Cell ...pool)

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	CNDFTXTF	Dlog Format Text Entry
0	(0)	CHARACTER	4	CNDFTEYE	Eye-catcher ('TXTF')
4	(4)	ADDRESS	4	CNDFTNXT	Pointer to Next Text Entry
8	(8)	ADDRESS	4	CNDFTLEN	Length of Formatted Text
12	(C)	ADDRESS	4	CNDFTTXT	Pointer to Formatted Text ...(Maximum
12	(C)	X'10'	0	CNDFTEND	*** End of DLOG Formatted Text ...Entry
12	(C)	X'10'	0	CNDFTSIZ	"(CNDFTEND-CNDFTXTF)" Size of Formatted Text Entry

IATYCNDF Cross Reference**Name**

CNDFFPRM
CNDFFUNC
CNDFMEND
CNDFMMOD
CNDFMSIZ

CNDFNNUC
CNDFNUC
CNDFRSOK
CNDFRSUN
CNDFRTBD

CNDFR TOK
CNDFTEND
CNDFTEYE
CNDFTLEN
CNDFTNXT

CNDFTSIZ
CNDFTTXT
CNDFTXTF
TFRSANCZ
TFRSCPIZ

TFRSMDBZ
TFRSNOST
TXFCDF A
TXFCLSZ
TXFCPID

TXFEND
TXFMDBA
TXFMDBP
TXFPARM
TXF SIZE

IATYCNIF Information

IATYCNIF Heading Information

Common Name: JESXCF IXZXCNSV ORDER(INFO) Response Area
Macro ID: IATYCNIF
DSECT Name: CNIFHDR CNIFREC
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: 'CNIFH '
 Offset: 0
 Length: 6
Storage Attributes: Subpool: N/A
 Key: 1
Size: Variable depending on the information returned
Created by: Caller of IXZXCNSV ORDER(INFO)
Pointed to by: Caller of IXZXCNSV ORDER(INFO)
Serialization: None
Function: Provide JESXCF console information

IATYCNIF Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	CNIFHDR	
0	(0)	CHARACTER	6	CNIFHEYE	IATYCNIF eyecatcher
6	(6)	BITSTRING	1	CNIFHVER	IATYCNIF version
6	(6)	X'1'	0	CNIFVERS_CURR	
					"CNIFVERS_520" Current version
6	(6)	X'1'	0	CNIFVERS_520	"1" Version for SP 5.2.0
7	(7)	BITSTRING	1	CNIFH_RSVD1	Reserved for alignment
8	(8)	SIGNED	4	CNIFH_OFFSET	Offset to the first console record
12	(C)	SIGNED	4	CNIFH_RECORDS	
					The number of console records that follow this header
16	(10)	CHARACTER	16	CNIFH_MEMBER	The JES member that currently owns the JESXCF consoles function
32	(20)	BITSTRING	16	CNIFH_RSVD2	Reserved for Development
32	(20)	X'30'	0	CNIFH_LENGTH	** -CNIFHDR" Length of the header

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	CNIFREC	
0	(0)	SIGNED	4	CNIFR_OFFSET	Offset to the next console record
4	(4)	BITSTRING	1	CNIFR_TYPE	The type of console
4	(4)	X'1'	0	CNIFR_BSCRJP	"1" BSC RJP console
4	(4)	X'2'	0	CNIFR_SNARJP	"2" SNA RJP console
4	(4)	X'3'	0	CNIFR_NJE	"3" NJE console
4	(4)	X'4'	0	CNIFR_BDT	"4" BDT console
5	(5)	BITSTRING	1	CNIFR_AUTH	JES authority level
6	(6)	BITSTRING	1	CNIFR_STATUS	Status flags
		1...		CNIFR_LOGGED_ON	"X'80" RJP console is logged on
		.1..		CNIFR_JES3ONLY	"X'40" RJP console is only capable of entering JES3 commands
		..1.		CNIFR_MIGID_OBTAINED	"X'20" A migration id was obtained for this console
		...1		CNIFR_SAVEMSG	"X'10" JES is spooling message for this console while it is not logged on
7	(7)	BITSTRING	1	CNIFR_MIGID	The console's migration id
8	(8)	CHARACTER	8	CNIFR_NAME	The name of this console
16	(10)	BITSTRING	1	CNIFR_ROUTING (0)	
					Following is the information needed to direct WTOs to this console

IATYCNIF Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
16	(10)	CHARACTER	8	CNIFR_CONSNAME	- The console name
24	(18)	SIGNED	4	CNIFR_CONSID	- The console id
28	(1C)	CHARACTER	8	CNIFR_CART	- The CART value
36	(24)	SIGNED	4	CNIFR_COUNT	The number of MDBs queued to this console
40	(28)	CHARACTER	17	CNIFR_RTCODES	A bit mask of route codes being received by this console
57	(39)	BITSTRING	1	CNIFR_LINE_LENGTH	Console's line length
58	(3A)	BITSTRING	2	CNIFR_RSVD3	Reserved for alignment
60	(3C)	CHARACTER	8	CNIFR_SWITCH_NAME	The name of the console where this RJP console's messages are switched to
68	(44)	CHARACTER	32	CNIFR_JESDATA	A 32 byte field of JES data
100	(64)	BITSTRING	16	CNIFR_RSVD2	Reserved for Development
100	(64)	X'74'	0	CNIFR_LENGTH	**"CNIFREC" Length of a record

IATYCNIF Cross Reference

Name

CNIFH_LENGTH
 CNIFH_MEMBER
 CNIFH_OFFSET
 CNIFH_RECORDS

CNIFH_RSVD1
 CNIFH_RSVD2
 CNIFHDR
 CNIFHEYE
 CNIFHVER

CNIFR_AUTH
 CNIFR_BDT
 CNIFR_BSCRJP
 CNIFR_CART
 CNIFR_CONSID
 CNIFR_CONSNAME

CNIFR_COUNT
 CNIFR_JESDATA

CNIFR_JES3ONLY

CNIFR_LENGTH
 CNIFR_LINE_LENGTH

CNIFR_LOGGED_ON

CNIFR_MIGID
 CNIFR_MIGID_OBTAINED

CNIFR_NAME
 CNIFR_NJE
 CNIFR_OFFSET
 CNIFR_ROUTING

CNIFR_RSVD2
 CNIFR_RSVD3
 CNIFR_RTCODES

CNIFR_SAVEMSG

Name

CNIFR_SNARJP
CNIFR_STATUS
CNIFR_SWITCH_NAME

CNIFR_TYPE
CNIFREC
CNIFVERS_CURR

CNIFVERS_520

IATYCNS Information

IATYCNS Programming Interface information

Programming Interface information

IATYCNS

The following field is **NOT** programming interface information:

- CONSACTN

End of Programming Interface information

Heading Information • IATYCNS Map

IATYCNS Heading Information

Common Name: CONSOLE BUFFER MAP
Macro ID: IATYCNS
DSECT Name: CONSMESS, CONSACTN, CONSDLOG
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: NONE
Storage Attributes:
Size: Variable depending on DSECTS expanded
Created by: IATINC2
Pointed to by: ACONSBCB in IATYTVT (FIRST IN CHAIN)
 FCTCBPTR in IATYFCT (FIRST FOR FCT)
 CONSACHN in IATYCNS TYPE=FCTQ FOR ACTION MSGS
Serialization: NONE
Function: Maps console input command buffers and DLOG
 4

IATYCNS Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0		
		.... ..1		CNSTART	"X'01" - START (S)
		.... ..1.		CNRESTR	"X'02" - RESTART (R)
		.... ..11		CNCANCEL	"X'03" - CANCEL (C)
		.... .1.1		CNSEND	"X'05" - SEND (T)
		..1 ..1		CNFAIL	"X'11" - FAIL
		..1. ...1		CNFREE	"X'21" - FREE
		.1.. ...1		CNCALL	"X'41" - CALL (X)
		.1.. ..1.		CNVARY	"X'42" - VARY (V)
		.1.. ..11		CNINQUIR	"X'43" - INQUIRY (I)
		.1.. .1..		CNMODIFY	"X'44" - MODIFY (F) 2
		1.1. ...1		CNMESSAG	"X'A1" - MESSAGE (Z)
		11.. ...1		CNSWITCH	"X'C1" - SWITCH
		11.1 ...1		CNTRACE	"X'D1" - TRACE
		111. ...1		CNDUMP	"X'E1" - DUMP
		111. ..1.		CNRETURN	"X'E2" - RETURN 2

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	CONSACTN	
0	(0)	SIGNED	4	CONSACHN	- CHAIN TO NEXT ACTION BUFFER IN QUEUE
4	(4)	CHARACTER	1	CONSAFLG	- BUFFER CONTROL FLAG 2
8	(8)	SIGNED	4	CONSAFCT	- FCT CHAIN TO NEXT ACTION BUFFER
8	(8)	X'C'	0	CONSAPEN	** -CONSACTN" Size of prefix area 12
12	(C)	BITSTRING	1	CONSAMSG	Start of message 4
12	(C)	X'148'	0	CONSAEND	** 1

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	CONSMESS	
0	(0)	CHARACTER	1	CONSPRTY	- FIRST CHARACTER UNREFERENCED USED FOR INPUT PRIORITY
1	(1)	CHARACTER	1	CONLEVEL	- CONSOLE AUTHORITY LEVEL
2	(2)	CHARACTER	2	CONSRVD2	- Reserved for Development
4	(4)	CHARACTER	1	CONSIFLG	- BUFFER CONTROL FLAG
5	(5)	CHARACTER	1	CONSIFL2	- SECOND BUFFER CONTROL FLAG
6	(6)	CHARACTER	1	CONACTN	- INPUT VERB ACTION CODE
7	(7)	CHARACTER	1	CONSCAN	- POINTER TO LAST CHAR IN MSG SCANNED
8	(8)	CHARACTER	3	CONMAUTH	- MCS CONSOLE AUTHORITY LEVEL THESE THREE BYTES ARE MAPPED IN THE CONTROL BLOCK
11	(B)	CHARACTER	4	CONSRVD1	IEFSSCM BYTES SSCMAUTA ABD SSCMDISP 8 - THIS STORAGE ADDED TO ALIGN PREAMBLE TO 16 BYTES
15	(F)	CHARACTER	1	CONCHRCT	- NUMBER OF CHARACTERS IN THE MESSAGE

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
CONCNCDB IATYCNCDB DSECT=NO Console Destination Block					
IATYCNCDB_1::					
START OF SPECIFICATIONS					
01 PROPRIETARY STATEMENT=					
PROPRIETARY_STATEMENT					
LICENSED MATERIALS - PROPERTY OF IBM					
5647-A01 COPYRIGHT IBM CORP. 1989, 2010					
STATUS= HJS7770					
END_OF_PROPRIETARY_STATEMENT					
This data area is maintained as a CASE mapping macro.					
Changes should be made to the CASE source and then					
the PLX and Assembler should be regenerated.					
Do NOT make changes to the PLX or Assembler directly!					
01 Descriptive Name: Console Destination Block					
Acronym: CNDB					
01 Macro Name: IATYCNCDB					
01 DSECT Name: IATYCNCDB					
--based variable for storage mapping					
01 Component: JES3 (SC1BA)					
01 Function:					
02 The console destination block is a control block that					
contains information related to the destination that					
messages should be sent to. This control block is built					
as commands are entered into to the system and is used by					
command processors as a destination for where to return					
messages to. The control block is imbeded in other					
control blocks and the size of the data area must not					
change (otherwise a JES3 cold start is required). The					
data is referenced by non-source maintained modules, so					
offsets into the data area must not change.					
01 Eye-Catcher: CNDBEYE					
02 Offset: 4					
02 Length: 4					
01 Language: PL/X					
01 Storage Attributes:					
02 Allocation Method: Imbeded within other control blocks					
02 Main Storage: 94					
02 Virtual Storage: 94					
02 Auxiliary Storage: 94					
02 Subpool: n/a					
02 Key: 1					
02 Data Space: N/A					
02 Residency: any					
02 Frequency: n/a					
02 Size: 94					
02 Created by: n/a					
02 Deleted by: n/a					
02 Pointed to by: Imbeded within other control blocks					
02 Serialization: none					
01 EXTERNAL CLASSIFICATION: DMTI					
01 END OF EXTERNAL CLASSIFICATION:					
01 Method Of access:					
02 ASM: IATYCNCDB					
02 PLX: %INCLUDE SYSLIB(IATYCNCDB)					
01 CHANGE ACTIVITY:					
\$QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support					

IATYCNS Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
\$SRC=SP110 HJS6601 950526 PD0TD: JES3 Common Init					
\$T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0					
CASE/390 - VERSION 49					
END OF SPECIFICATIONS					
%					
End of Comment					
16	(10)	SIGNED	4	CONCNDB (0)	IATYCNDDB.27: based variable for storage mapping
16	(10)	SIGNED	4		Four byte console id 0176
20	(14)	CHARACTER	4		IATYCNDDB eyecatcher
24	(18)	ADDRESS	4		IATYCNDDB version
28	(1C)	BITSTRING	8		Reserved for development
36	(24)	BITSTRING	8		Console Name 0176
44	(2C)	BITSTRING	24		Reserved for development
68	(44)	SIGNED	2		Reserved for development
70	(46)	BITSTRING	40		Reserved for development
70	(46)	X'6E'	0	CONPRELN	**CONSMESS" INPUT PREAMBLE LENGTH
110	(6E)	CHARACTER	126	CONMESSG	TEXT OF INPUT MESSAGE
110	(6E)	X'EC'	0	CONMSGEN	*** END OF COMMAND TEXT
236	(EC)	CHARACTER	1	CONTOKEN	SECURITY TOKEN
236	(EC)	X'13C'	0	CONSIEND	***
236	(EC)	X'13C'	0	CONMESSZ	"CONSIEND-CONSMESS" Size of CONMESS buffer
236	(EC)	X'148'	0	CONBUFSZ	"CONSAPEN+CONMESSZ" Total size of buffer 4
Comment					

Flags for command buffer control byte CONSIFLG in CONSMESS DSECT					

End of Comment					
		..1.		CNINTCOM	"X'20" - SET TO INDICATE AN INTERCOM MESSAGE
		...1		CNMULT	"X'10" - MULTIPLE OPERANDS (SCAN RTN 3
		.... ..1.		CNVALCHK	"X'02" - SET TO BYPASS AUTHORITY CHECK
		.... ...1		CNCMDTR	"X'01" - Bypass command text translation
Comment					

Flags for command buffer control byte CONSAFLG in CONSACTN DSECT					

End of Comment					
		1...		CNFCTDEQ	"X'80" - BUFFER TO BE DEQUEUED FROM THE ACTION CHAIN
Comment					

Flags for command buffer control byte CONSAFLG in CONSACTN DSECT					

End of Comment					
		..1.		CNBLEOD	"X'40" - BLANK IS EOD (SCAN RTN)
		..1.		CNCOMMA	"X'20" - DELIM IS COMMA (SCAN RTN)
		...1		CNUNKCMD	"X'10" - UNKNOWN COMMAND 3

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				

MISCELLANEOUS CONSTANTS AND EQUATES					
RELATED TO CELL POOLS USED BY CONSOLES AND					
CONSOLE SERVICE					

End of Comment					
236	(EC)	X'14'	0	CONSPool	"20" SUBPOOL ID FOR CELL POOL STORAGE 2

IATYCNS Cross Reference

Name

- CNBLEOD
- CNCALL
- CNCANCEL
- CNCMDTR
- CNCOMMA
- CNDUMP
- CNFAIL
- CNFCTDEQ
- CNFREE
- CNINQUIR
- CNINTCOM
- CNMESSAG
- CNMODIFY
- CNMULT
- CNRESTRT
- CNRETURN
- CNSEND
- CNSTART
- CNSWITCH
- CNTRACE
- CNUNKCMD
- CNVALCHK
- CNVARY
- CONACTN
- CONBUFSZ
- CONCHRCT
- CONCNDB
- CONLEVEL
- CONMAUTH
- CONMESSG
- CONMESSZ
- CONMSGEN
- CONPRELN
- CONSACHN
- CONSACTN
- CONSAEND
- CONSAFCT
- CONSAFLG
- CONSAMSG
- CONSAPEN
- CONSCAN
- CONSIEND
- CONSIFLG
- CONSIFL2
- CONSMESS

IATYCNS Cross Reference

Name

CONSPool
CONSPRTY
CONSRVD1
CONSRVD2
CONTOKEN

IATYCOW Information

IATYCOW Programming Interface information

Programming Interface information

IATYCOW

End of Programming Interface information

Heading Information • IATYCOW Map

IATYCOW Heading Information

Common Name: SYSOUT Application Programming Interface (SAPI) Client Output Work Area (COW)
Macro ID: IATYCOW
DSECT Name: COWSTART, COWPREFIX
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: COW (for COWSTART), COWP (for COWPREFIX)
 Offset: 2 (for COWSTART), 0 (for COWPREFIX)
 Length: 4
Storage Attributes: Subpool: 230
 Key: 1 *09160SYC
 Residency: ANY
Size: 1392 Bytes (COWSTART), 16 bytes (COWPREFIX)
Created by: IATSISO
Pointed to by: for COWPREFIX: MEMCOWBN (in IATYMEM)
 COWPNEXT (in IATYCOW)
 COWPPREV (in IATYCOW)
 for COWSTART: SSS2JEST (in IAZSSS2)
 COWNEXT (in IATYCOW)
 COWPREV (in IATYCOW)
 SDWCOW (in IATYSDW)
 TSWKCOWA (in IATYTSWK)
Serialization: Local lock is required to manipulate
 COWPREFIX chain
Function: COWSTART maps the portion of the staging
 area used to communicate JES3 specific
 data when processing a SYSOUT dataset via
 the SYSOUT Application Programming
 Programming Interface (SSI 79).
 COWPREFIX maps the structure used to chain the
 COWSTART areas in a linked list.

IATYCOW Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	COWSTART	DSECT start of COW data area
0	(0)	SIGNED	2	COWREQLN	Length of staging area request/reply area
0	(0)	X'0'	0	COWREQST	"COWREQLN" Request/Reply area
0	(0)	X'5E'	0	SACOWPTR	"STADATA" Pointer in the staging area to the COW
2	(2)	CHARACTER	4	COWID	Work area identifier
6	(6)	ADDRESS	1	COWVER	COW version
6	(6)	X'1'	0	COWIVER	"1" Initial version number
6	(6)	X'2'	0	COWCTVER	"2" Version number supporting CTOKENs
6	(6)	X'3'	0	COWTFVER	"3" Version number supporting transaction filtering
6	(6)	X'3'	0	COWCVER	"COWTFVER" Current version number
7	(7)	BITSTRING	1	COWKEY	Application's PSW key 09160SYC
8	(8)	ADDRESS	4	COWNEXT	COW next chain pointer
12	(C)	ADDRESS	4	COWPREV	COW previous chain pointer

Comment

Application related information.

This information is set by IATSISO when an IEFSSREQ request is issued from an application thread.

NOTE: Field COWTRDCT MUST follow field COWAPJBI!

End of Comment

16	(10)	CHARACTER	8	COWAPJBN	Application's job name
24	(18)	CHARACTER	8	COWCKPID (0)	SAPI thread checkpoint id 0025
24	(18)	SIGNED	4	COWAPJBI	Application's job number
28	(1C)	SIGNED	4	COWTRDCT	Application's thread count
32	(20)	SIGNED	4	COWAASCB	Application ASCB address
36	(24)	SIGNED	4	COWAPTCB	Appl thread TCB address

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
40	(28)	BITSTRING	16	COWTCBTK	Appl thread TCB token
56	(38)	SIGNED	4	COWAPSTT (2)	Appl thread start time (STCK at time of first IEFSSREQ request)
64	(40)	SIGNED	4	COWAPRQT (2)	Appl thread request time (STCK of last IATSISO SSISERV)
72	(48)	BITSTRING	8	COWPRIV	Appl information copied from SSS2PRIV prior to SSISERV processing; Appl info copied to SSS2PRIV prior to returning to the thread (Appl may have changed it on global)
80	(50)	SIGNED	4	COWSLJBI	Job number of job being selected in SSS2 (could be single value or low range)
84	(54)	SIGNED	4	COWSHJBI	Job number of job being selected in SSS2 (high range)
88	(58)	CHARACTER	8	COWSDST	Selection destination
96	(60)	CHARACTER	8	COWS2DST	Selection sec destination
104	(68)	CHARACTER	8	COWUDST	Update destination
112	(70)	CHARACTER	8	COWU2DST	Update sec destination
112	(70)	X'20'	0	COWDSTSZ	**-"COWSDST" Destination info area size

Comment

This line deleted by APAR OW24160

End of Comment

120	(78)	ADDRESS	4	COWCSBTA	CSBT address for the OSE buffer read
124	(7C)	SIGNED	4	COWLEN	Length of this COW
128	(80)	SIGNED	4	COWRSVD2	Reserved for development
132	(84)	SIGNED	2	COWSEEDS	Number of DS checked by Get routine
134	(86)	SIGNED	2	COWSEEMK	Exclusion mask from the SEE address space and thread
136	(88)	ADDRESS	4	COWDSTOK	Address of returned dataset token. IATSISO only

Comment

Dataset 'checkpoint' information.

Also see COWDSC2, the second dataset checkpoint information area.

This information is set by IATOSSO when a dataset is being passed to the thread. It is used during dataset disposition processing which results from the subsequent IEFSSREQ request made by thread. During the subsequent IEFSSREQ request, it is also used as a starting point in the search for the next dataset to be processed by the thread.

End of Comment

140	(8C)	SIGNED	4	COWDSC1 (0)	Start of data set ckpt
140	(8C)	SIGNED	4	COWCKJBI	Checkpointed job number
144	(90)	BITSTRING	2	COWOSEBC	Compatible OSE sequence number- see COWOSEB4
146	(92)	BITSTRING	2	COWVOFST	OSE variable section offset
148	(94)	BITSTRING	2	COWDOFST	OSE dataset section offset
150	(96)	BITSTRING	12	COWOSEFB	OSE FDB save area
162	(A2)	SIGNED	2	COWOSEF2	Previous OSE buffer number- compatible with COWOSFBB
162	(A2)	X'18'	0	COWDCKSZ	**-"COWDSC1" Dataset ckpt info area size

IATYCOW Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				

Dataset allocation browse token					
This information is set by IATSISO. A pointer to this area is set in SSS2 field SSS2BTOK. The thread takes this address and places into the allocation text pointer for DALBRTKN. Module IATSIAD uses the token in field COWTKPTR (actual allocation field is BTOKIOTP) and compares it with the token in DSB field DSBSTKPT to ensure the correct dataset is being allocated by the thread.					

End of Comment					
162	(A2)	X'A4'	0	COWBTOK	***
164	(A4)	BITSTRING	2	COWBRTKN	DALBRTKN subsystem text unit
166	(A6)	BITSTRING	2	COWTKENT	Number of entries
168	(A8)	BITSTRING	2	COWTKPL1	ID length
170	(AA)	CHARACTER	4	COWTKID	ID field
174	(AE)	BITSTRING	2	COWTKPL2	Version length
176	(B0)	BITSTRING	2	COWTKVER (0)	Version number
176	(B0)	BITSTRING	1	COWTKTYP	Control block type
176	(B0)	X'2'	0	COWTKSAP	"2" Block created by Sysout API
177	(B1)	BITSTRING	1	COWTKVRS	Version
177	(B1)	X'2'	0	COWTKRNM	"2" Version OS/390 Release 3
178	(B2)	BITSTRING	2	COWTKPL3	Spool token length
180	(B4)	BITSTRING	4	COWTKPTR	Spool token address Sysout API token if BTOKTYPE = BTOKSAPI
184	(B8)	BITSTRING	2	COWTKPL4	Job key length
186	(BA)	BITSTRING	4		... placeholder ...
190	(BE)	BITSTRING	2	COWTKPL5	ASID length
192	(C0)	BITSTRING	2		... placeholder ...
194	(C2)	BITSTRING	2	COWTKPL6	Network receiver id length
196	(C4)	BITSTRING	8		... placeholder ...
204	(CC)	BITSTRING	2	COWTKPL7	Log string parameter
206	(CE)	BITSTRING	2		... placeholder ...
208	(D0)	BITSTRING	1	COWFLAG1	Flag byte

Definition of COWFLAG1					

End of Comment					
		1... ..		COWJIRNG	"X'80" Selection by job id range
		.1.. ..		COWJNWLD	"X'40" Sel by wildcard in job name
		..1.		COWASWQE	"X'20" SSISERV TYPE=REPLY issued ..add entry on SAPI wait q
		...1		COWPURSA	"X'10" Task abnormally terminating ..purge SA after cleanup
		.... 1...		COWSSDST	"X'08" Selection by sec dest
		.... .1..		COWUSUSR	"X'04" Update to include userid
		.... ..1.		COWDSUSR	"X'02" Default (blank) userid update
		.... ...1		COWBKIO	"X'01" IATXBKIO ACCESS activated for block spooler
209	(D1)	BITSTRING	1	COWFLAGA	Application related flag

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Comment -----					
----- Definition of COWFLAGA -----					
----- End of Comment -----					
		1... ..		COWNETSV	"X'80" Netserv Application
		.1... ..		COWSRON	"X'40" Last data set obtained with SAF READ access
		..1.		COWSENT	"X'20" SSISERV TYPE=WAIT issued
		...1		COWJIWLD	"X'10" Sel by wildcard in job ID 11714S6C
		.... 1...		COWNJID	"X'08" Numeric in job ID 11714S6C
		.... .1..		COWDIFJI	"X'04" Matched different job ID 11714S6C
		.... ..1.		COWFLA02	"X'02" Reserved for IBM
		.... ...1		COWFLA01	"X'01" Reserved for IBM
210	(D2)	BITSTRING	2	COWRSVD4	Reserved for IBM
----- Comment -----					
----- Dataset 'checkpoint' information, part 2 This is a continuation of COWDSCK1, the data set checkpoint information area. -----					
----- End of Comment -----					
212	(D4)	SIGNED	4	COWDSCK2 (0)	Start of 2nd data set ckpt
212	(D4)	SIGNED	4	COWOSEB4	OSE buffer number - used with COWVOFST and COWDOFST to identify the checkpointed OSE
216	(D8)	SIGNED	4	COWOSFBB	Previous OSE buffer number - used with COWOSEFB for recovery purposes
216	(D8)	X'8'	0	COWDCKS2	"*-COWDSCK2" Dataset ckpt info area size
220	(DC)	SIGNED	4	COWRSVD5 (4)	Reserved for IBM
236	(EC)	BITSTRING	8	COWPSOTM	SAPI writer start time SDWPSOTM
244	(F4)	SIGNED	4	COWRSVDB	Reserved for IBM 4#
248	(F8)	SIGNED	4	COWRSVU1 (2)	Reserved for user
----- Comment -----					
----- Data Areas Used By SWB Routine in IATSISO. -----					
----- End of Comment -----					
256	(100)	SIGNED	4	COWSWBST	Size of permanent storage used for SWB processing
260	(104)	ADDRESS	4	COWBUFAD	Spool Buffer Address
264	(108)	ADDRESS	4	COWAUXAD	Aux Spool Buffer Address
268	(10C)	ADDRESS	4	COWKMERT	A(MERGE TU key list)
272	(110)	ADDRESS	4	COWKERAT	A(ERASE TU key list)
276	(114)	ADDRESS	4	COWADMPT	A(SJF SWBTU_MERGE) plist
280	(118)	ADDRESS	4	COWADPPPT	A(SJF PUTSWB) plist
284	(11C)	ADDRESS	4	COWADDPT	A(SJF DELETESWB) plist
288	(120)	ADDRESS	4	COWGDBK	A(Block Spooler Parm List)
292	(124)	ADDRESS	4	COWADMKT	Single SWBTU_MERGE Pointer List
----- Comment -----					
----- The following fields contain the job level accounting information from the JOB card associated with each dataset in the job. -----					
----- End of Comment -----					

IATYCOW Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
296	(128)	BITSTRING	1	COWACCNT	Number of acct fields
297	(129)	BITSTRING	143	COWACTXT	Job card accounting fields

Comment

 Internal trace to provide footprints of SAPI
 processing.

End of Comment

440	(1B8)	BITSTRING	248	COWTRACE	Internal trace
440	(1B8)	X'1'	0	COWE0000	"01" Trace element
440	(1B8)	X'2'	0	COWE0010	"02" Trace element
440	(1B8)	X'A'	0	COWE0100	"10" Trace element
440	(1B8)	X'C'	0	COWE0120	"12" Trace element
440	(1B8)	X'D'	0	COWE0130	"13" Trace element
440	(1B8)	X'10'	0	COWE0160	"16" Trace element
440	(1B8)	X'11'	0	COWE0170	"17" Trace element
440	(1B8)	X'12'	0	COWE0180	"18" Trace element
440	(1B8)	X'14'	0	COWE0200	"20" Trace element
440	(1B8)	X'15'	0	COWE0210	"21" Trace element
440	(1B8)	X'16'	0	COWE0220	"22" Trace element
440	(1B8)	X'17'	0	COWE0230	"23" Trace element
440	(1B8)	X'18'	0	COWE0240	"24" Trace element
440	(1B8)	X'19'	0	COWE0250	"25" Trace element
440	(1B8)	X'1E'	0	COWE0300	"30" Trace element
440	(1B8)	X'1F'	0	COWE0310	"31" Trace element
440	(1B8)	X'20'	0	COWE0320	"32" Trace element
440	(1B8)	X'24'	0	COWE0360	"36" Trace element
440	(1B8)	X'28'	0	COWE0400	"40" Trace element
440	(1B8)	X'29'	0	COWE0410	"41" Trace element
440	(1B8)	X'2A'	0	COWE0420	"42" Trace element
440	(1B8)	X'2C'	0	COWE0440	"44" Trace element
440	(1B8)	X'2D'	0	COWE0450	"45" Trace element
440	(1B8)	X'32'	0	COWE0500	"50" Trace element
440	(1B8)	X'34'	0	COWE0520	"52" Trace element
440	(1B8)	X'35'	0	COWE0530	"53" Trace element
440	(1B8)	X'3C'	0	COWE0600	"60" Trace element
440	(1B8)	X'3D'	0	COWE0610	"61" Trace element
440	(1B8)	X'46'	0	COWE0700	"70" Trace element
440	(1B8)	X'47'	0	COWE0710	"71" Trace element
440	(1B8)	X'48'	0	COWE0720	"72" Trace element
440	(1B8)	X'49'	0	COWE0730	"73" Trace element
440	(1B8)	X'5A'	0	COWE0900	"90" Trace element
440	(1B8)	X'62'	0	COWE0980	"98" Trace element
440	(1B8)	X'63'	0	COWE0990	"99" Trace element
440	(1B8)	X'64'	0	COWG0000	"100" Trace element
440	(1B8)	X'65'	0	COWG0010	"101" Trace element
440	(1B8)	X'66'	0	COWG0020	"102" Trace element
440	(1B8)	X'6E'	0	COWG0100	"110" Trace element
440	(1B8)	X'73'	0	COWG0200	"115" Trace element
440	(1B8)	X'78'	0	COWG0300	"120" Trace element
440	(1B8)	X'7D'	0	COWG0400	"125" Trace element
440	(1B8)	X'82'	0	COWJLVL1	"130" Trace element 03149SLC
440	(1B8)	X'83'	0	COWJLVL2	"131" Trace element 03149SLA
440	(1B8)	X'87'	0	COWJLV60	"135" Trace element
440	(1B8)	X'8C'	0	COWG0800	"140" Trace element
440	(1B8)	X'91'	0	COWG0900	"145" Trace element
440	(1B8)	X'96'	0	COWP0000	"150" Trace element
440	(1B8)	X'9F'	0	COWP0090	"159" Trace element
440	(1B8)	X'AO'	0	COWP0100	"160" Trace element
440	(1B8)	X'A5'	0	COWP0150	"165" Trace element
440	(1B8)	X'AA'	0	COWP0300	"170" Trace element
440	(1B8)	X'AF'	0	COWP0350	"175" Trace element

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
440	(1B8)	X'B0'	0	COWP0360	"176" Trace element
440	(1B8)	X'B4'	0	COWP0400	"180" Trace element
440	(1B8)	X'B7'	0	COWP0425	"183" Trace element
440	(1B8)	X'B9'	0	COWP0450	"185" Trace element
440	(1B8)	X'BE'	0	COWP0500	"190" Trace element
440	(1B8)	X'C3'	0	COWP0550	"195" Trace element
440	(1B8)	X'C8'	0	COWP0600	"200" Trace element
440	(1B8)	X'CD'	0	COWP0650	"205" Trace element
440	(1B8)	X'D2'	0	COWP0700	"210" Trace element
440	(1B8)	X'D7'	0	COWP0800	"215" Trace element
440	(1B8)	X'D8'	0	COWP0810	"216" Trace element
440	(1B8)	X'DA'	0	COWP0830	"218" Trace element
440	(1B8)	X'DC'	0	COWP0900	"220" Trace element
440	(1B8)	X'DD'	0	COWP0910	"221" Trace element
440	(1B8)	X'DE'	0	COWP0920	"222" Trace element
440	(1B8)	X'DF'	0	COWP0930	"223" Trace element
440	(1B8)	X'E0'	0	COWP0940	"224" Trace element
440	(1B8)	X'E4'	0	COWOSORP	"228" Trace element 03149SLA
440	(1B8)	X'E6'	0	COWM0000	"230" Trace element
440	(1B8)	X'E8'	0	COWM0220	"232" Trace element
440	(1B8)	X'EA'	0	COWM0224	"234" Trace element
440	(1B8)	X'EB'	0	COWC0000	"235" Trace element
440	(1B8)	X'F0'	0	COWR0000	"240" Trace element
440	(1B8)	X'F5'	0	COWN0000	"245" Trace element
440	(1B8)	X'F6'	0	COWN0100	"246" Trace element
440	(1B8)	X'F7'	0	COWN0200	"247" Trace element
440	(1B8)	X'F8'	0	COWN0300	"248" Trace element
440	(1B8)	X'F9'	0	COWN0400	"249" Trace element
440	(1B8)	X'FA'	0	COWJSTAE	"250" Trace element
440	(1B8)	X'FB'	0	COWRQ000	"251" Trace element 0038
440	(1B8)	X'FF'	0	COWJRTRY	"255" Trace element
440	(1B8)	X'2B0'	0	COWCKSIZ	**"COWSTART" Size of COW checkpoint section

Comment

END OF CHECKPOINT SECTION.

Additional dataset information returned from
IATOSSO when a dataset is being returned to the
application.

End of Comment

688	(2B0)	BITSTRING	1	COWDSINF (0)	Start of ds info section
688	(2B0)	BITSTRING	6	COWJDSFB	JDS spool address save area
694	(2B6)	BITSTRING	6	COWOTSWB	OUTPUT SWB spool address
700	(2BC)	CHARACTER	4	COWUCSID	Dataset UCS id
704	(2C0)	CHARACTER	4	COWFCBID	Dataset FCB id
708	(2C4)	SIGNED	2	COWCKPL	Max lines in a logical page
710	(2C6)	SIGNED	2	COWCKPP	Max pages before next ckpt
712	(2C8)	SIGNED	2	COWCKPS	Max seconds between ckpts
714	(2CA)	SIGNED	2	COWRSVS4	Reserved for service
716	(2CC)	CHARACTER	8	COWCTABN	Compaction table name
724	(2D4)	SIGNED	4	COWMRECD	Maximum record count
728	(2D8)	BITSTRING	4	COWFFDBV	OSE FDB validity value
732	(2DC)	BITSTRING	80	COWTOKEN	Security token Inbound-caller's UTOKEN Outbound-returned data set's RTOKEN
812	(32C)	BITSTRING	1	COWCCNTL	Carriage control information
813	(32D)	BITSTRING	1	COWFLAG2	Flag Byte

IATYCOW Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Definition of COWFLAG2 -----					
End of Comment					
		1... ..		COWSPC1	"X'80" Single space output
		.1.. ..		COWSPC2	"X'40" Double space output
		..1.		COWOVFL	"X'20" Overflow on CH. 12
		...1		COWOPCDJ	"X'10" OPTCD=J was specified
		.... 1..		COWVCKPL	"X'08" Ckpt lines is valid
		.... .1..		COWVCKPP	"X'04" Ckpt pages is valid
		.... ..1.		COWVCKSC	"X'02" Ckpt secs is valid
		.... ...1		COWVCTAB	"X'01" Compact table is valid
814	(32E)	BITSTRING	1	COWFLAG3	Flag Byte
----- Definition of COWFLAG3 -----					
End of Comment					
		1... ..		COWCPOSE	"X'80" Checkpoint OSE FDB used
		.1.. ..		COWSEETD	"X'40" Thread level SEE is to be created by IATXSEE
		..1.		COWSEEAS	"X'20" Address space level SEE to be created by IATXSEE
		...1		COWSEEAD	"X'10" COWSEEMK is valid
		.... 1..		COWTDSEE	"X'08" Delete SEES for this thread
		.... .1..		COWOSSRJ	"X'04" IATOSOR SAPI SCHD selection 0025 mismatch due to non-MOSE 0025 attribute; get next OSS 0025
		.... ..1.		COWNEWOS	"X'02" Create SEE for new OSE
		.... ...1		COWNSELS	"X'01" Output is not selectable by this caller (SAPISCHD)
815	(32F)	BITSTRING	1	COWRSVD6	Reserved for development
816	(330)	ADDRESS	4	COWPENSA	Pending staging area pointer
820	(334)	ADDRESS	4	COWSAPTR	Pointer to staging area (valid on global only)
824	(338)	SIGNED	4	COWTOD	Dataset TOD value
828	(33C)	SIGNED	4	COWOSS	OSS address used in IATOSOR 0025 SAPI SCHD routine 0025
832	(340)	SIGNED	4	COWSVJBI	Saved job id 06911SUA
836	(344)	SIGNED	4	COWSVOB4	Saved OSE buffer number
840	(348)	SIGNED	2	COWSVVOF	Saved OSE variable offset 06911SUA
842	(34A)	SIGNED	2	COWSVDOF	Saved OSE data set offset 06911SUA
844	(34C)	SIGNED	4	COWRSVD7	Reserved for development 06911SUC
848	(350)	SIGNED	4	COWRSVS5 (3)	Reserved for service
860	(35C)	SIGNED	4	COWRSVU2 (2)	Reserved for user
868	(364)	BITSTRING	1	COWFLAG4	Flag byte
----- Definition of COWFLAG4 -----					
End of Comment					
		1... ..		COWFIRRQ	"X'80" First thread request
		.1.. ..		COWSAPRO	"X'40" S.A. being processed
		..1.		COWSAPEN	"X'20" S.A. on pending SDA chain
		...1		COWAPTRM	"X'10" Application associated w/this COW is terminating
		.... 1..		COWMOSE	"X'08" MOSE being used in SAPI SCHD selection routine
		.... .1..		COWUOST	"X'04" Use OST in selecting SYSOUT 0023
		.... ..1.		COWCLNIP	"X'02" Cleanup has begun for application terminating
		.... ...1		COWDXECL	"X'01" Show this is a request for exclusion cleanup

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
869	(365)	BITSTRING	1	COWFLAG5	Yet another flag byte
Comment					
----- Definition of COWFLAG5 -----					
End of Comment					
		1... ..		COWNSFND	"X'80" Non-selectable output found
		.1.. ..		COWNSELO	"X'40" Output is not selectable by this caller (IATOSSO)
		..1. ..		COWNSELJ	"X'20" Output is not selectable by this caller (OSSOS000)
		...1 ..		COWNSFNJ	"X'10" Non-selectable output found in OSSOS000
		.... 1..		COWRPRI	"X'08" One or more data sets priority changed
		.... .1..		COWJIBIN	"X'04" Job ID filtering with binary versions
		.... ..1.		COWFL502	"X'02" Reserved bit
		.... ...1		COWFL501	"X'01" Reserved bit
870	(366)	BITSTRING	1	COWFLAG6	Flag byte 6
Comment					
----- Definition of COWFLAG6 Flag used by the TCP/IP application NETSERV -----					
End of Comment					
		1... ..		COWJH	"X'80" Job header
		.1.. ..		COWDSH	"X'40" Dataset header
		..1. ..		COWDS	"X'20" Sysout dataset
		...1 ..		COWJT	"X'10" Job trailer
		.... 1..		COWFL608	"X'08" Reserved for IBM
		.... .1..		COWFL604	"X'04" Reserved for IBM
		.... ..1.		COWFL602	"X'02" Reserved for IBM
		.... ...1		COWFL601	"X'01" Reserved for IBM
871	(367)	BITSTRING	1	COWFLAG7	Flag byte 7 06911SUA
Comment					
----- 06911SUA Definition of COWFLAG7 06911SUA Flag byte used for residual staging area info 06911SUA ----- 06911SUA					
End of Comment					
		1... ..		COWRSDL	"X'80" Residual staging area 06911SUA
		.1.. ..		COWRSNT	"X'40" Resent staging area 06911SUA
		..1. ..		COWDSDEL	"X'20" Data set was deleted (PUT) 06911SUA
		...1 ..		COWPTCMP	"X'10" PUT processing complete 06911SUA
		.... 1..		COWCKUPD	"X'08" Checkpoint info updated 06911SUA
		.... .1..		COWSCHED	"X'04" OSE scheduled for GET 06911SUA
		.... ..1.		COWAUTHU	"X'02" Authorized caller
		.... ...1		COWFL701	"X'01" Reserved for IBM 06911SUA
872	(368)	SIGNED	4	COWCLPTR	SSS2CLSL pointer
876	(36C)	SIGNED	4	COWSAVEA (18)	Register Save area for SAPISCHD rtn (IATOSOR), SJF routine (IATSIAD).
948	(3B4)	ADDRESS	4	COWRETAD	Return address save area for SAPISCHD rtn (IATOSOR)

IATYCOW Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				

Data Areas Used By SWB Routine in IATSISO.					

End of Comment					
952	(3B8)	SIGNED	4	COWSBR13	Save area for R13 during SWB unallocation
956	(3BC)	SIGNED	4	COWUSPLN	Size of base ptr list
960	(3C0)	ADDRESS	4	COWDATCC	Address of DATCC or 0
964	(3C4)	ADDRESS	4	COWUPPTR	Address of start of SWBP extents
968	(3C8)	ADDRESS	4	COWUSWBP	Address of the base SWB ptr list read from spool for SWBTU_MERGE processing
972	(3CC)	ADDRESS	4	COWSWBC	Address of OUTPUT SWB chain anchor for PUTSWB call
976	(3D0)	ADDRESS	4	COWSWBMA	Address of Buffer to hold returned, merged, SWB TU list
980	(3D4)	SIGNED	2	COWBUFLN	Length of logical spool rcd
982	(3D6)	SIGNED	2	COWUSBSZ	Accumulated despoiled SWBTU size
984	(3D8)	SIGNED	2	COWUSWBN	Number of SWB pointers in COWUSWBP list
986	(3DA)	SIGNED	2	COWMDTLN	Size of data portion of MERGED TU list
988	(3DC)	SIGNED	2	COWSWBMS	Size of merged TU list
990	(3DE)	SIGNED	2	COWERTLN	Size of erase TU list
992	(3E0)	SIGNED	2	COWUMSBZ	Size of Buffer to hold returned, merged, SWB TU list - returned by SJF
994	(3E2)	SIGNED	2	COWRSVDA	Reserved for development
994	(3E2)	X'3E4'	0	COWDSSIZ	**"-COWSTART" Size of COW checkpoint + dataset section

Comment

The following ASAXWC related fields are used in the IATOSOR SAPISCHD routine, invoked from IATOSSC or IATOSSO.
ASAXWC list form

MACDATE -06/16/09-<0>					

End of Comment					
0	(0)	X'3E8'	0	M00M0002	"WCLIST" ++ ASAXWC NAME
1000	(3E8)	DBL WORD	8	WCLIST (0)	++ ASAXWC PARM LIST
1000	(3E8)	CHARACTER	4	WCLIST_XPARMAREA1	++ FIELD_LABEL
1004	(3EC)	CHARACTER	24	WCLIST_XPARMAREA2	++ FIELD_LABEL
1004	(3EC)	X'404'	0	WCLIST_PL_END	*** ++ END OF BASE PLIST
1000	(3E8)	ADDRESS	4	WCLIST_XPATTERNSTR_ADDR	++ ADDR
1004	(3EC)	SIGNED	4	WCLIST_XPATTERNSTRLEN	++
1008	(3F0)	ADDRESS	4	WCLIST_XSTRING_ADDR	++ ADDR
1012	(3F4)	SIGNED	4	WCLIST_XSTRINGLEN	++
1016	(3F8)	ADDRESS	4	WCLIST_XZEROORMORE_ADDR	++ ADDR
1020	(3FC)	ADDRESS	4	WCLIST_XONECHAR_ADDR	++ ADDR
1024	(400)	ADDRESS	4	WCLIST_XDELIMITER_ADDR	++ ADDR
1000	(3E8)	ADDRESS	4	WCLIST_XPPPATTERNINFO_ADDR	++ ADDR
1004	(3EC)	ADDRESS	4	WCLIST_XPPPATTERNSTR_ADDR	++ ADDR

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1008	(3F0)	SIGNED	4	WCLIST_XPPPATTERNSTRLEN	++
1012	(3F4)	ADDRESS	4	WCLIST_XPPZEROORMORE_ADDR	++ ADDR
1016	(3F8)	ADDRESS	4	WCLIST_XPPONECHAR_ADDR	++ ADDR
1020	(3FC)	ADDRESS	4	WCLIST_XPPDELIMITER_ADDR	++ ADDR
1004	(3EC)	ADDRESS	4	WCLIST_XPPSTRING_ADDR	++ ADDR
1008	(3F0)	SIGNED	4	WCLIST_XPPSTRINGLEN	++
1028	(404)	X'1C'	0	WCLISTL	**-'WCLIST' ++ LENGTH OF PLIST

Comment

ASAXWC-0

ASAXWC related fields.

End of Comment

1028	(404)	SIGNED	4	WCMXPRML	Length of max JES3 char length
1032	(408)	SIGNED	4	WCJ3PRMA	Address of JES3 field
1036	(40C)	SIGNED	4	WCJ3PRML	Length of JES3 characters
1040	(410)	SIGNED	4	WCS2PRMA	Address of SSS2 field
1044	(414)	SIGNED	4	WCS2PRML	Length of SSS2 characters
1048	(418)	SIGNED	4	WCRETCD	ASAXWC return code
1052	(41C)	CHARACTER	1	ONECHAR	Single character identifier
1053	(41D)	CHARACTER	1	ZRORMOR	Multiple char identifier
1054	(41E)	BITSTRING	256	WCWORK	ASAXWC work area
1310	(51E)	BITSTRING	2	COWRSVD9	Reserved for development
1312	(520)	BITSTRING	1	COWSSOB_V1 (0)	Start of the SSOB sent in staging area from a local with a version 1 COW
1312	(520)	BITSTRING	80	COWCTOKN	CTOKEN for requested dataset
1392	(570)	BITSTRING	1	COWSSOB_V2 (0)	Start of the SSOB sent in staging area from a local with a version 2 COW

Comment

END OF COW SECTION FOR SAPI STAGING AREA PROCESSING.

End of Comment

1392	(570)	X'2C0'	0	COWCOMSZ	**-'COWDSINF' Size of non-ckpt area used in clearing of this area for new GET request
1392	(570)	DBL WORD	8	COWEND (0)	End of COW data area
1392	(570)	BITSTRING	0	COWSIZE (0)	Size of COW area
1392	(570)	BITSTRING	1	COWSSOB (0)	Start of the SSOB sent in staging area

Offsets

Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	COWPREFIX	
0	(0)	CHARACTER	4	COWPID	COW prefix eyecatcher
4	(4)	ADDRESS	4	COWPNEXT	Pointer to next COW prefix on MEM chain
8	(8)	ADDRESS	4	COWPPREV	Pointer to previous COW prefix on MEM chain
12	(C)	SIGNED	4	COWPRSV1	Reserved for IBM
16	(10)	DBL WORD	8	COWPEND (0)	End of COW prefix area
16	(10)	BITSTRING	1	COWPSIZE (0)	Size of COW prefix area

IATYCOW Cross Reference

IATYCOW Cross Reference

Name

COWAASCB
COWACCNT
COWACTXT
COWADDPT
COWADMKT
COWADMPT
COWADPPT
COWAPJBI
COWAPJBN
COWAPRQT
COWAPSTT
COWAPTCB
COWAPTRM
COWASWQE
COWAUTHU
COWAUXAD
COWBKIO
COWBRTKN
COWBTOK
COWBUFAD
COWBUFLN
COWCCNTL
COWCKJBI
COWCKPID
COWCKPL
COWCKPP
COWCKPS
COWCKSIZ
COWCKUPD
COWCLNIP
COWCLPTR
COWCOMSZ
COWCPOSE
COWCSBTA
COWCTABN
COWCTOKN
COWCTVER
COWCVER
COWC0000
COWDATCC
COWDCKSZ
COWDCKS2
COWDIFJI
COWDOFST
COWDS
COWDSCK1
COWDSCK2
COWDSDEL
COWDSH
COWDSINF
COWDSSIZ
COWDSTOK
COWDSTSZ
COWDSUSR
COWDXECL

Name

COWEND
COWERTLN
COWE0000
COWE0010
COWE0100

COWE0120
COWE0130
COWE0160
COWE0170
COWE0180

COWE0200
COWE0210
COWE0220
COWE0230
COWE0240

COWE0250
COWE0300
COWE0310
COWE0320
COWE0360

COWE0400
COWE0410
COWE0420
COWE0440
COWE0450

COWE0500
COWE0520
COWE0530
COWE0600
COWE0610

COWE0700
COWE0710
COWE0720
COWE0730
COWE0900

COWE0980
COWE0990
COWFCBID
COWFFDBV
COWFIRRQ

COWFLAGA
COWFLAG1
COWFLAG2
COWFLAG3
COWFLAG4

COWFLAG5
COWFLAG6
COWFLAG7
COWFLA01
COWFLA02

COWFL501
COWFL502
COWFL601
COWFL602
COWFL604

COWFL608
COWFL701
COWGDBK
COWG0000
COWG0010

IATYCOW Cross Reference

Name

COWG0020
COWG0100
COWG0200
COWG0300
COWG0400

COWG0800
COWG0900
COWID
COWIVER
COWJDSFB

COWJH
COWJIBIN
COWJIRNG
COWJIWLD
COWJLVL1

COWJLVL2
COWJLV60
COWJNWLD
COWJRTRY
COWJSTAE

COWJT
COWKERAT
COWKEY
COWKMERT
COWLEN

COWMDTLN
COWMOSE
COWMRECD
COWM0000
COWM0220

COWM0224
COWNETSV
COWNEWOS
COWNEXT
COWNJID

COWNSELJ
COWNSELO
COWNSELS
COWNSFND
COWNSFNJ

COWN0000
COWN0100
COWN0200
COWN0300
COWN0400

COWOPCDJ
COWOSEBC
COWOSEB4
COWOSEFB
COWOSEF2

COWOSFBB
COWOSORP
COWOSS
COWOSSRJ
COWOTSWB

CWOVFL
COWPEND
COWPENSA
COWPID
COWPNEXT

Name

COWPPREV
COWPREFIX
COWPREV
COWPRIV
COWPRSV1

COWPSIZE
COWPSOTM
COWPTCMP
COWPURSA
COWP0000

COWP0090
COWP0100
COWP0150
COWP0300
COWP0350

COWP0360
COWP0400
COWP0425
COWP0450
COWP0500

COWP0550
COWP0600
COWP0650
COWP0700
COWP0800

COWP0810
COWP0830
COWP0900
COWP0910
COWP0920

COWP0930
COWP0940
COWREQLN
COWREQST
COWRETAD

COWRPRI
COWRQ000
COWRSDL
COWRSNT
COWRSVDA

COWRSVDB
COWRSVD2
COWRSVD4
COWRSVD5
COWRSVD6

COWRSVD7
COWRSVD9
COWRSVS4
COWRSVS5
COWRSVU1

COWRSVU2
COWR0000
COWSAPEN
COWSAPRO
COWSAPTR

COWSAVEA
COWSBR13
COWSCHEM
COWSDST
COWSEEAD

IATYCOW Cross Reference

Name

COWSEEAS
COWSEEDS
COWSEEMK
COWSEETD
COWSENT

COWSHJBI
COWSIZE
COWSLJBI
COWSPC1
COWSPC2

COWSRON
COWSSDST
COWSSOB
COWSSOB_V1
COWSSOB_V2

COWSTART
COWSVDOF
COWSVJBI
COWSVOB4
COWSVVOF

COWSWBC
COWSWBMA
COWSWBMS
COWSWBST
COWS2DST

COWTCBTK
COWTDSEE
COWTFVER
COWTKENT
COWTKID

COWTKPL1
COWTKPL2
COWTKPL3
COWTKPL4
COWTKPL5

COWTKPL6
COWTKPL7
COWTKPTR
COWTKRNM
COWTKSAP

COWTKTYP
COWTKVER
COWTKVRS
COWTOD
COWTOKEN

COWTRACE
COWTRDCT
COWUCSID
COWUDST
COWUMSBZ

COWUOST
COWUPPTR
COWUSBSZ
COWUSPLN
COWUSUSR

COWUSWBN
COWUSWBP
COWU2DST
COWVCKPL
COWVCKPP

Name

COWVCKSC
COWVCTAB
COWVER
COWVOFST
M00M0002

ONECHAR
SACOWPTR
WCJ3PRMA
WCJ3PRML
WCLIST

WCLIST_PL_END

WCLIST_XDELIMITER_ADDR

WCLIST_XONECHAR_ADDR

WCLIST_XPARAMAREA1

WCLIST_XPARAMAREA2

WCLIST_XPATTERNSTR_ADDR

WCLIST_XPATTERNSTRLEN

WCLIST_XPPDELIMITER_ADDR

WCLIST_XPPONECHAR_ADDR

WCLIST_XPPPATTERNINFO_ADDR

WCLIST_XPPPATTERNSTR_ADDR

WCLIST_XPPPATTERNSTRLEN

WCLIST_XPPSTRING_ADDR

WCLIST_XPPSTRINGLEN

WCLIST_XPPZEROORMORE_ADDR

WCLIST_XSTRING_ADDR

WCLIST_XSTRINGLEN

WCLIST_XZEROORMORE_ADDR

WCLISTL
WCMXPRML
WCRETCD
WCS2PRMA
WCS2PRML
WCWORK
ZRORMOR

IATYCPB Information

IATYCPB Programming Interface information

Programming Interface information

IATYCPB

The following fields are **NOT** programming interface information:

- CPBCPAT
- CPBCPRT

End of Programming Interface information

Heading Information • IATYCPB Map

IATYCPB Heading Information

Common Name: CELL POOL CONTROL BLOCK
Macro ID: IATYCPB
DSECT Name: CPBSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: CPB
 Offset: 0
 Length: 4
Storage Attributes: Subpool: 0
 Key: JES Key
 Residency: Any
Size: 148 Bytes
Created by: AGETMAINED by IATGRQC
Pointed to by: N/A
Serialization: NONE
Function: Contains data needed to manage a Cell Pool.

IATYCPB Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	CPBSTART	
0	(0)	SIGNED	4	CPBID	CPB ID
4	(4)	ADDRESS	4	CPBNXCPB	NEXT CPB ADDRESS
8	(8)	ADDRESS	4	CPBCPRT	CELL POOL PAGE RELEASE TABLE ADDRESS
12	(C)	ADDRESS	4	CPBCPAT	CELL POOL ALLOCATION TABLE ADDRESS
16	(10)	ADDRESS	4	CPBLOWAD	LOW CELL POOL ADDRESS
20	(14)	ADDRESS	4	CPBFREEA	ADDRESS OF 1ST RESERVED CELL IF THE PRIMARY EXTENT. IF THERE ARE NO RESERVED CELLS, OR THIS IS A SECONDARY EXTENT, THIS IS SET TO THE END OF THE EXTENT.
24	(18)	ADDRESS	4	CPBHIADD	HIGH CELL POOL ADDRESS
28	(1C)	SIGNED	2	CPBCELSZ	SIZE OF CELL
30	(1E)	SIGNED	2	CPBCELPG	NO.OF CELLS PER PAGE
32	(20)	SIGNED	2	CPBTOTEX	TOTAL NO. EXTENTS IN POOL
34	(22)	SIGNED	2	CPBMAXEX	MAXIMUM NO. OF EXTENTS
36	(24)	SIGNED	2	CPBSUBID	SUBPOOL I.D.
38	(26)	SIGNED	2	CPBWASTE	WASTED SPACE DUE TO NO SPAN RECORDS
40	(28)	SIGNED	4	CPBCTR	TOTAL EXTENTS CREATED
44	(2C)	SIGNED	4	CPBEXSIZ	SIZE OF PRIMARY EXTENT
48	(30)	SIGNED	4	CPBSEXSZ	SIZE OF SECONDARY EXTENT
52	(34)	SIGNED	4	CPBAVLCL	NO. OF AVAILABLE CELLS IN EXTENT
56	(38)	SIGNED	4	CPBTOTCE	TOTAL NO. OF CELLS IN POOL
60	(3C)	SIGNED	4	CPBTOTAV	TOTAL NO. OF CELL AVAILABLE IN POOL
64	(40)	SIGNED	4	CPBNRSVT	TOTAL NO. OF RESERVED CELLS
68	(44)	SIGNED	4	CPBNRSVA	NO. OF AVAILABLE RESERVED CELLS
72	(48)	SIGNED	4	CPBCELNLM	NO. OF CELLS IN PRIMARY EXTENT
76	(4C)	SIGNED	4	CPBSECLX	NO. OF CELLS FOR SECONDARY EXTENT
80	(50)	SIGNED	4	CPBSELPG	NO. OF PAGES IN SECONDARY EXTENT
84	(54)	SIGNED	4	CPBSPATZ	SIZE OF SECONDARY ALLOCATION TABLE
88	(58)	SIGNED	4	CPBSPRTZ	SIZE OF SECONDARY PAGE RELEASE TABLE
92	(5C)	SIGNED	4	CPBCPATZ	ALLOCATION TABLE SIZE THIS EXTENT INCLUDING BITS FOR RESERVED CELLS
96	(60)	SIGNED	4	CPBCPRTZ	PAGE RELEASE TBL SIZE THIS EXTENT
100	(64)	SIGNED	4	CPBHWALC	High watermark of allocated 18250TAA cells 18250TAA
104	(68)	SIGNED	4	CPBRSVS1 (4)	Reserved for IBM 18250TAC
120	(78)	SIGNED	4	CPBDSBAS	Base data space CPB
120	(78)	X'14'	0	CPBPERNO	"20" 5 PERCENT FREE CELLS BEFORE DELETE POOL
120	(78)	X'4'	0	CPBMINCL	"4" MINIMUM CELL SIZE
120	(78)	X'1000'	0	CPBMAXCL	"4096" MAXIMUM CELL SIZE
120	(78)	X'1000'	0	CPBPGSIZ	"4096" SIZE OF A PAGE
120	(78)	X'2'	0	CPBPGRLE	"2" LENGTH OF A PAGE RELEASE TABLE ENTRY
120	(78)	X'FF'	0	CPBEXTNT	"255" OLD MAXIMUM NUMBER OF EXTENTS 0038
120	(78)	X'2BC'	0	CPBEXTN2	"700" NEW MAXIMUM NUMBER OF EXTENTS 0038

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
120	(78)	X'2710'	0	CPBEXTN3	"10000" Maximum number of extents for large numbers of concurrent jobs of a particular type
120	(78)	BITSTRING	0	CPBHILMT	"X'7FFFFFFF" MAXIMUM EXTENT SIZE
120	(78)	X'4'	0	CPBRET4	"4" RETURN CODE OF 4
120	(78)	X'8'	0	CPBRET8	"8" RETURN CODE OF 8
120	(78)	X'C'	0	CPBRET12	"12" RETURN CODE OF 12
120	(78)	X'10'	0	CPBRET16	"16" RETURN CODE OF 16
120	(78)	X'14'	0	CPBRET20	"20" RETURN CODE OF 20
120	(78)	X'18'	0	CPBRET24	"24" RETURN CODE OF 24
120	(78)	X'1C'	0	CPBRET28	"28" RETURN CODE OF 28
120	(78)	X'20'	0	CPBRET32	"32" RETURN CODE OF 32
120	(78)	X'24'	0	CPBRET36	"36" RETURN CODE OF 36
120	(78)	X'28'	0	CPBRET40	"40" RETURN CODE OF 40
120	(78)	X'2C'	0	CPBRET44	"44" RETURN CODE OF 44
120	(78)	X'30'	0	CPBRET48	"48" RETURN CODE OF 48
120	(78)	X'34'	0	CPBRET52	"52" Return code of 52 (x'34')
120	(78)	X'38'	0	CPBRET56	"56" Return code of 56 (x'38')
120	(78)	X'3C'	0	CPBRET60	"60" Return code of 60 (x'3C')
124	(7C)	SIGNED	4	CPBPEND (0)	END OF MAIN SECTION OF IATYCPB
124	(7C)	X'7C'	0	CPBPSIZ	"(CPBPEND-CPBSTART)" LENGTH OF MAIN SECTION

Comment

THE FOLLOWING FLAG BYTES ARE NOT PROPAGATED TO THE CPB(S) FOR SECONDARY EXTENTS.
DEFINITION OF CPB FLAG 1

End of Comment

124	(7C)	BITSTRING	1	CPBFLAG1	
		1...		CPBF1PRM	"X'80" PRIMARY CPB,OFF = SECONDARY CPB
		.1.		CPBF1REL	"X'40" PAGE RELEASE, OFF=NO PAGE RELEASE
		..1.		CPBF1DEL	"X'20" AUTODELETE FUNCTION, OFF=NO AUTODEL
		...1		CPBF1SPN	"X'10" CELL SPAN PG BOUND,OFF=NO SPANNING
		.... 1...		CPBF1FIX	"X'08" PAGE FIXING REQUESTED,PGFIX=ON
		.... .1..		CPBBELOW	"X'04" CELL POOL MUST BE BELOW 16M
		.... ..1.		CPBBEANY	"X'02" CP BELOW 16M BACKED ANYWHERE
		.... ...1		CPBF1RV3	"X'01" RESERVED FOR FUTURE OPTIONS

Comment

DEFINITION OF CPB FLAG 2

End of Comment

125	(7D)	BITSTRING	1	CPBFLAG2	
		1...		CPBF2UMG	"X'80" USER MANAGED POOL,OFF=QUICK CELL MGT
		.1.		CPBF2CAV	"X'40" CELL AVAILABLE IN POOL, ON = CELLS AV
		.... 1...		CPBF2DEX	"X'08" DELETING EXTENT
		.... .1..		CPBF2RCL	"X'04" RETURN CELL IN PROGRESS
		.... ..1.		CPBF2GCL	"X'02" GETCELL IN PROGRESS
		.... ...1		CPBF2BPL	"X'01" BUILD/DELETE POOL IN PROGRESS

Comment

DEFINITION OF CPB FLAG 3

End of Comment

126	(7E)	BITSTRING	1	CPBFLAG3	
		1...		CPBF3RSV	"X'80" RSVD=YES SPECIFIED ON IATXGCL
		.1.		CPBDSPCP	"X'40" Data space resident cellpool
		..1.		CPBF3RV2	"X'20" RESERVED FOR FUTURE DEVELOPMENT
		...1		CPBF3RV3	"X'10" RESERVED FOR FUTURE DEVELOPMENT
		.... 1...		CPBF3RV4	"X'08" RESERVED FOR FUTURE DEVELOPMENT
		.... .1..		CPBF3RV5	"X'04" RESERVED FOR FUTURE DEVELOPMENT
		.... ..1.		CPBF3RV6	"X'02" RESERVED FOR FUTURE DEVELOPMENT
		.... ...1		CPBF3RV7	"X'01" RESERVED FOR FUTURE DEVELOPMENT

IATYCPB Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
<p>COMPARE AND SWAP BYTE THIS BYTE MUST ALWAYS BE THE FOURTH BYTE FROM CPBFLAG1 CPBRES1 DS X BYTE USED FOR COMPARE AND SWAP CPBBUSY EQU X'80' THE BUSY BIT FOR COMPARE AND SWAP USERS BYTE</p>					
End of Comment					
127	(7F)	BITSTRING	1	CPBFLAG4	FOR CALLERS USE
128	(80)	SIGNED	4	CPBUSER	RESERVED FOR USER
132	(84)	SIGNED	4	CPBDEV (2)	RESERVED FOR DEVELOPMENT
140	(8C)	SIGNED	4	CPBSERV	RESERVED FOR SERVICE
144	(90)	SIGNED	4	CPBCELAD	CELL ADDRESS
Comment					
<p>----- THE FOLLOWING FIELDS MUST BE CONTIGUOUS BECAUSE THEY ARE USED FOR INPUT TO A TRACE ENTRY FOR ERROR RETURNS FOR THE IATXGCL AND IATXRCL MACROS -----</p>					
End of Comment					
148	(94)	SIGNED	4	CPBTRCST (0)	START OF TRACE WORK AREA
148	(94)	SIGNED	4	CPBSAVEA (5)	SAVE AREA FOR R2 - R6 IN GET AND RET CELL
168	(A8)	SIGNED	4	CPBSAVEB	SAVE AREA FOR REG 10 IN GET AND RET CELL
172	(AC)	SIGNED	4	CPBPRICP	SAVE AREA FOR THE PRIMARY CPB ADDRESS PASSED TO IATXGCL AND IATXRCL
176	(B0)	SIGNED	4	CPBRETCD	SAVE AREA FOR THE RETURN CODE FROM IATXGCL, IATXRCL or IATXBPL
180	(B4)	SIGNED	4	CPBRETAD	SAVE AREA FOR THE RETURN ADDRESS FROM THE IATXGCL AND IATXRCL CALLER.
180	(B4)	X'B8'	0	CPBGCLND	*** END OF IATXGCL TRACE WORK AREA
184	(B8)	SIGNED	4	CPBCLADD	SAVE AREA FOR THE CELL ADDRESS PASSED TO IATXRCL
184	(B8)	X'BC'	0	CPBRCLND	*** END OF IATXRCL TRACE WORK AREA
184	(B8)	X'9'	0	CPBGCLTR	"((CPBGCLND-CPBTRCST)/4)" IATXGCL WRK AREA LENGTH FOR TRACE MACRO
184	(B8)	X'A'	0	CPBRCLTR	"((CPBRCLND-CPBTRCST)/4)" IATXRCL WRK AREA LENGTH FOR TRACE MACRO
Comment					
<p>----- THIS IS THE END OF THE WORK AREA FOR THE TRACE ENTRY -----</p>					
<p>Data Space Cell Pools Related Fields This CPB section contains information related to cellpools in a data space. It contains the data space name, its STOKEN, storage allocation map pointer, etc. There may be multiple cellpools sharing the same data space. All the CPBs for those cellpools point to the base CPB.</p>					
End of Comment					
188	(BC)	CHARACTER	8	CPBXDSPN	Data space name
196	(C4)	BITSTRING	8	CPBXSTKN	STOKEN for the data space
204	(CC)	SIGNED	4	CPBXALET	ALET for the data space
208	(D0)	SIGNED	4	CPBXDSAT	Address of the Data Space Alloc. Table (DSAT)
212	(D4)	SIGNED	4	CPBXDSZE	Table size in bytes
216	(D8)	SIGNED	4	CPBXNOXT	Total number of extents in the data space

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
220	(DC)	SIGNED	4	CPBXCRCP	Save area for current CPB when allocating extents in a data sp. "(CPBEND-CPBSTART)" SIZE OF IATYCPB CONTROL BLOCK
224	(E0)	SIGNED	4	CPBEND (0)	
224	(E0)	X'E0'	0	CPBSIZE	

IATYCPB Cross Reference

Name

- CPBAVLCL
- CPBBEANY
- CPBBELOW
- CPBCELAD
- CPBCELNM
- CPBCELPG
- CPBCELSZ
- CPBCLADD
- CPBCPAT
- CPBCPATZ
- CPBCPRT
- CPBCPRTZ
- CPBCTR
- CPBDEV
- CPBDSBAS
- CPBDSPCP
- CPBEND
- CPBXSIZ
- CPBEXTNT
- CPBEXTN2
- CPBEXTN3
- CPBFLAG1
- CPBFLAG2
- CPBFLAG3
- CPBFLAG4
- CPBFREEA
- CPBF1DEL
- CPBF1FIX
- CPBF1PRM
- CPBF1REL
- CPBF1RV3
- CPBF1SPN
- CPBF2BPL
- CPBF2CAV
- CPBF2DEX
- CPBF2GCL
- CPBF2RCL
- CPBF2UMG
- CPBF3RSV
- CPBF3RV2
- CPBF3RV3
- CPBF3RV4
- CPBF3RV5
- CPBF3RV6
- CPBF3RV7
- CPBGCLND
- CPBGCLTR
- CPBHIADD
- CPBHILMT
- CPBHWALC

IATYCPB Cross Reference

Name

CPBID
CPBLOWAD
CPBMAXCL
CPBMAXEX
CPBMINCL

CPBNRSVA
CPBNRSVT
CPBNXCPB
CPBPEND
CPBPERNO

CPBPGRLE
CPBPGSIZ
CPBPRICP
CPBPSIZ
CPBRCLND

CPBRCLTR
CPBRETAD
CPBRETCD
CPBRET12
CPBRET16

CPBRET20
CPBRET24
CPBRET28
CPBRET32
CPBRET36

CPBRET4
CPBRET40
CPBRET44
CPBRET48
CPBRET52

CPBRET56
CPBRET60
CPBRET8
CPBRSVS1
CPBSAVEA

CPBSAVEB
CPBSECLX
CPBSELPG
CPBSERV
CPBSEXSZ

CPBSIZE
CPBSPATZ
CPBSPRTZ
CPBSTART
CPBSUBID

CPBTOTAV
CPBTOTCE
CPBTOTEX
CPBTRCST
CPBUSER

CPBWASTE
CPBXALET
CPBXCRCRCP
CPBXDSAT
CPBXDSPN

CPBXDSZE
CPBXNOXT
CPBXSTKN

IATYCPP Information

IATYCPP Programming Interface information

Programming Interface information

IATYCPP

End of Programming Interface information

Heading Information • IATYCPP Cross Reference

IATYCPP Heading Information

Common Name: CELL POOL PARAMETER LIST
Macro ID: IATYCPP
DSECT Name: Determined by user
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: N/A
 Auxiliary Storage: N/A
Size: 28 or 36 Bytes
Created by: Caller of IATXBPL
Pointed to by: Caller of IATXBPL
Serialization: NONE
Function: Provides basic information to common quick cell routines.
 4 lines deleted by APAR OW36022

IATYCPP Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	CPPSTART	
0	(0)	SIGNED	4	CPPCNUM	NUMBER OF CELLS IN PRIMARY EXTENT
4	(4)	SIGNED	4	CPPCRSVD	NUMBER OF RESERVED CELLS
8	(8)	SIGNED	4	CPPSCNUM	NUMBER OF CELLS IN EACH SECONDARY EXTENT
12	(C)	SIGNED	2	CPPCSIZE	NUMBER OF BYTES PER CELL
14	(E)	SIGNED	2	CPPSUBID	SUBPOOL ID FROM WHICH TO GET CELL POOL
16	(10)	SIGNED	2	CPPMAXET	MAXIMUM NUMBER THE CELL POOL CAN EXTEND
18	(12)	BITSTRING	1	CPPFLAGS	Flags
		1...		CPPDSPNP	"X'80" Data space name is present
		.1..		CPPBASCP	"X'40" Base CPB pointer is present
19	(13)	BITSTRING	1	CPPRESVD	Reserved for IBM
20	(14)	SIGNED	4	CPPRSVU1 (2)	RESERVED FOR USER
28	(1C)	CHARACTER	8	CPPDSPNM	Data space name provided
28	(1C)	ADDRESS	4	CPPDSBAS	Data space base CPB
36	(24)	SIGNED	4	CPPEND (0)	END OF IATYCPP
36	(24)	X'24'	0	CPPSIZE	"(CPPEND-CPPSTART)"

IATYCPP Cross Reference

Name

CPPBASCP
 CPPCNUM
 CPPCRSVD
 CPPCSIZE
 CPPDSBAS
 CPPDSPNM
 CPPDSPNP
 CPPEND
 CPPFLAGS
 CPPMAXET
 CPPRESVD
 CPPRSVU1
 CPPSCNUM
 CPPSIZE
 CPPSTART
 CPPSUBID

IATYCSBT Information

IATYCSBT Heading Information

Common Name: CHAINED SINGLE RECORD FILE BUFFER TABLE
Macro ID: IATYCSBT
DSECT Name: CSBTSTRT, CSBTNTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: CSBT
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: JESPOOL
 Auxiliary Storage: N/A
Size: CSBTJDS - 680 Bytes,
 CSBTZJST - 203 Bytes,
 CSBTZOSE - 680 Bytes,
 CSBTZDJS - 203 Bytes
Created by: IATDMCS
Pointed to by: RCECSBTA (in each IATYRCE entry)
Serialization: NONE
Function: This area contains information about each record in the chained single record file, including the file description blocks (FDBS).

Restrictions: Do not change the offsets for any of the fields located between the following labels: CSBTSTRT and CSBTTFEND, and CSBTNTRY and CSBTTFEND, and do not change the size of the CSBT header or CSBT

IATYCSBT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	CSBTSTRT	
0	(0)	CHARACTER	4	CSBTID	PARAMETER LIST IDENTIFIER
0	(0)	X'1'	0	CSBTNJD1	"1" Number of entries in the primary CSBT-JDS pool
0	(0)	X'14'	0	CSBTNJD5	"20" NO. OF ENTRIES IN CSBT-JDS
0	(0)	X'5'	0	CSBTNJS1	"5" Number of entries in the primary CSBT-JST pool
0	(0)	X'5'	0	CSBTNJS5	"5" NO. OF ENTRIES IN CSBT-JST
0	(0)	X'1'	0	CSBTNOS1	"1" No. of entries in the primary CSBT-OSE pool
0	(0)	X'14'	0	CSBTNOSE	"20" NO. OF ENTRIES IN CSBT-OSE
0	(0)	X'5'	0	CSBTNDJ1	"5" Number of entries in the primary CSBT-DJST pool
0	(0)	X'5'	0	CSBTNDJ5	"5" NO. OF ENTRIES IN CSBT-DJST
4	(4)	ADDRESS	4	CSBTNEXT	NEXT CSBT POINTER
8	(8)	ADDRESS	4	CSBTPREV	PREVIOUS CSBT POINTER
12	(C)	SIGNED	4	CSBTLENT	LAST CSBT ENTRY IN BUFFER
16	(10)	SIGNED	4	CSBTRESVD	RESERVED FOR DEVELOPMENT
20	(14)	SIGNED	2	CSBTTFEND (0)	END OF CSBT FROZEN SECTION

Comment

WARNING

THE OFFSETS FOR THE FIELDS BETWEEN CSBTSTRT AND CSBTTFEND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON SOME JES3 MODULES.

End of Comment

20	(14)	CHARACTER	4	CSBTDMID	SRF SPOOL RECORD IDENTIFIER
24	(18)	ADDRESS	4	CSBTRCE	RCE ADDRESS
28	(1C)	SIGNED	4	CSBTNUM4	CSBT table number
32	(20)	BITSTRING	1	CSBTHFL1	CSBT HEADER FLAG 1
		1... ..		CSBTGETM	"X'80" THIS CSBT WAS AGETMAINED
33	(21)	BITSTRING	1	CSBTUSFL	USER SPECIFIC HEADER FLAG

IATYCSBT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		1...		CSBTRDAL	"X'80" JESREAD MUST READ IN EVERY 0089 BUFFER IN THIS SRF CHAIN 0089
		.1..		CSBTINST	"X'40" THE BUFFERS NEEDED FOR THIS 0089 JESREAD HAVE ALREADY BEEN 0089 BEEN READ IN BY MDS 0089
		..1.		CSBTALIN	"X'20" ALL OF THE BUFFERS IN THIS 0089 SRF CHAIN ARE IN STORAGE 0089
34	(22)	SIGNED	2	CSBTRSV2	Reserved for IBM
36	(24)	SIGNED	4	CSBTRSV1	RESERVED FOR DEVELOPMENT
36	(24)	X'28'	0	CSBTHEND	*** END OF HEADER
36	(24)	X'28'	0	CSBTHSIZ	"CSBTHEND-CSBTSTRT" SIZE OF HEADER

Comment

CHAINED SRF BUFFER TABLE ENTRIES

				End of Comment	
36	(24)	X'28'	0	CSBTENTS	*** START OF CSBT BUFFER ENTRIES
36	(24)	X'50'	0	CSBTZJD1	"CSBTHSIZ+CSBTNJD1*CSBTLEN+4" Size of primary CSBT-JDS
36	(24)	X'2FC'	0	CSBTZJDS	"CSBTHSIZ+CSBTNJD1*CSBTLEN+4" SIZE OF CSBT-JDS
36	(24)	X'E0'	0	CSBTZJST	"CSBTHSIZ+CSBTNJD1*CSBTLEN+4" SIZE OF CSBT-JST
36	(24)	X'50'	0	CSBTZOS1	"CSBTHSIZ+CSBTNOS1*CSBTLEN+4" Size of primary CSBT-OSE
36	(24)	X'2FC'	0	CSBTZOSE	"CSBTHSIZ+CSBTNOSE*CSBTLEN+4" SIZE OF CSBT-OSE
36	(24)	X'E0'	0	CSBTZDJS	"CSBTHSIZ+CSBTNDJS*CSBTLEN+4" SIZE OF CSBT-DJST

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	CSBTNTRY	
0	(0)	SIGNED	4	CSBTENM4	CSBT entry number
4	(4)	BITSTRING	12	CSBTFFDB	SINGLE RECORD FILE FDB
16	(10)	SIGNED	2	CSBTFFND (0)	END OF ENTRY FROZEN SECTION

Comment

WARNING

THE OFFSETS FOR THE FIELDS BETWEEN CSBTNTRY AND CSBTFFND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON SOME JES3 MODULES.

THE FIELD CSBTUFLG IS DEFINED BY THE USER OF THE IATXCSS MACRO FOR INFORMATION SPECIFIC TO A CHAINED SRF.

				End of Comment	
16	(10)	BITSTRING	1	CSBTUFLG	SRF-SPECIFIC USER FLAG BYTE

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Comment					
----- THE FOLLOWING DEFINITION OF CSBTUFLG IS USED BY OUTPUT SERVICE TO DESCRIBE OSE BUFFER CONTENTS. -----					
----- End of Comment					
		1...		CSBTOCMP	"X'80" BUFFER HAS BEEN PROCESSED
		.1..		CSBTOJDV	"X'40" WORK FOR JES3 MANAGED DEVICE
		..1.		CSBTBBDT	"X'20" BUFFER CONTAINS BDT WORK
		...1		CSBTOTCP	"X'10" Buffer contains TCP work 2
		.... 1...		CSBTBBDH	"X'08" ALL OSE ENTRIES ARE HELD
		.... .1..		CSBTODHD	"X'04" A DATA SET ENTRY IS HELD
		.... ..1.		CSBTOSYS	"X'02" OUTPUT ON OSE HOLD QUEUE
		.... ...1		CSBTONJE	"X'01" BUFFER CONTAINS NJERDR WORK 0063
----- Comment					
----- THE FOLLOWING DEFINITION OF CSBTUFLG IS USED BY MDS TO SHOW WHEN THE STEP ENTRY HAS BEEN FOUND -----					
----- End of Comment					
		.... ...1		CSBTBFST	"X'01" CSBT-JST HAS STEP ENTRY
----- Comment					
----- THE FOLLOWING FLAGS ARE ONLY USED WITH THE DJST CSBT STRUCTURE. -----					
----- End of Comment					
		1...		CSBTDJAC	"X'80" DJST HAS ACTIVE ENTRIES
		.1..		CSBTDJAV	"X'40" DJST HAS AVAILABLE ENTRIES
----- Comment					
----- THE FOLLOWING FLAGS ARE ONLY USED WITH THE JDS CSBT STRUCTURE. -----					
----- End of Comment					
		1...		CSBTOUTP	"X'80" JDS BUFFER HAS OUTPUT JDS ENTRIES
		.1..		CSBTALLO	"X'40" ALL ENTRIES IN THIS JDS ARE ZEROED OUT
		..1.		CSBTSPIN	"X'20" Buffer contains unprocessed Spinoff output
17	(11)	BITSTRING	1	CSBTIOFL	I/O TO BE PERFORMED FOR THE SRF BUFFER ASSOCIATED WITH THIS CSBT ENTRY
		1...		CSBTREAD	"X'80" READ THE BUFFER
		.1..		CSBTWRT	"X'40" WRITE THE BUFFER
18	(12)	BITSTRING	2	CSBTRSV3	Reserved for IBM

IATYCSBT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

<p>THE FIELD CSBTUSER IS DEFINED BY THE USER OF THE IATXCSS MACRO FOR INFORMATION SPECIFIC TO A CHAINED SRF.</p> <p>Here is how the field is used, by SRF type:</p> <ul style="list-style-type: none"> - JDS: A pointer to the JET control block which resides in the JES3JET data space - JST: The first halfword contains the high step number. The second half is unused. - DJST: Not used. - OSE: A pointer to the OST control block which resides in the JES3OST data space 					

End of Comment					
20	(14)	SIGNED	4	CSBTUSER	SRF-SPECIFIC USER DATA AREA
20	(14)	X'14'	0	CSBTHSTP	"CSBTUSER,2" HIGH STEP NUMBER (USED IN CSBT FOR JST)
24	(18)	SIGNED	4	CSBTBUFF	ADDRESS OF JSAM BUFFER INTO WHICH THE SRF BUFFER ASSOCIATED WITH THIS CSBT ENTRY WILL BE READ
28	(1C)	SIGNED	4	CSBTRSVU	RESERVED FOR USER
Comment					

<p>CSBTUFL2, like CSBTUFLG, is defined differently for each chained SRF.</p>					

End of Comment					
32	(20)	BITSTRING	1	CSBTUFL2	SRF-specific flag byte 2
Comment					

<p>The following definition of CSBTUFL2 is used by output service to describe OSE buffer contents.</p>					

End of Comment					
		1... ..		CSBTOOST	"X'80" CSBTUSER contains an OST address (needed because zero is a valid address)
		.1..		CSBTOUBS	"X'40" Unprocessed BSC/NJE work
		..1.		CSBTU220	"X'20" Reserved bit
		...1		CSBTU210	"X'10" Reserved bit
		.... 1...		CSBTU208	"X'08" Reserved bit
		.... .1..		CSBTU204	"X'04" Reserved bit
		.... ..1.		CSBTU202	"X'02" Reserved bit
		.... ...1		CSBTU201	"X'01" Reserved bit
33	(21)	BITSTRING	3	CSBTRSVS	Reserved for service
33	(21)	X'24'	0	CSBTEENT	*** END OF INDIVIDUAL ENTRY
33	(21)	X'24'	0	CSBTLEN	"CSBTEENT-CSBTNTRY" SIZE OF ONE ENTRY

IATYCSBT Cross Reference**Name**

CSBTALIN
CSBTALLO
CSBTBFST
CSBTBUFF
CSBTDJAC

CSBTDJAV
CSBTDMID
CSBTEENT
CSBTEFND
CSBTENM4

CSBTENTS
CSBTFDB
CSBTFEND
CSBTGETM
CSBTHEND

CSBTHFL1
CSBTHSIZ
CSBTHSTP
CSBTID
CSBTINST

CSBTIOFL
CSBTLEN
CSBTLENT
CSBTNDJS
CSBTNDJ1

CSBTNEXT
CSBTNJDS
CSBTNJD1
CSBTNJST
CSBTNJS1

CSBTNOSE
CSBTNOS1
CSBTNTRY
CSBTNUM4
CSBTOBDT

CSBTOBHD
CSBTOCMP
CSBTODHD
CSBTOJDV
CSBTONJE

CSBTOOST
CSBTOSYS
CSBTOTCP
CSBTOUBS
CSBTOUTP

CSBTPREV
CSBTRCE
CSBTRDAL
CSBTREAD
CSBTRSVD

CSBTRSVS
CSBTRSVU
CSBTRSV1
CSBTRSV2
CSBTRSV3

IATYCSBT Cross Reference

Name

CSBTSPIN
CSBTSTRT
CSBTUFLG
CSBTUFL2
CSBTUSER

CSBTUSFL
CSBTU201
CSBTU202
CSBTU204
CSBTU208

CSBTU210
CSBTU220
CSBTWRT
CSBTZDJS
CSBTZJDS

CSBTZJD1
CSBTZJST
CSBTZOSE
CSBTZOS1

IATYCTKN Information

IATYCTKN Heading Information

Common Name: Client Token for dataset allocation
Macro ID: IATYCTKN
DSECT Name: CTKNSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Any
 Key: User
Size: CTKNSIZE bytes
Created by: IATSIAD
Pointed to by: SSALCTOK in IEFSSAL
 SSS2CTKN in IAZSSS2
 SSSTCTKN in IAZSTAT
Serialization: NONE
Function: This macro maps JES3's usage of the client token.
 The IAZCTKN macro is used to map the common fields
 and information exclusively for use by JES3 is
 mapped over field CTKNJESD.

IATYCTKN Map

Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	CTKNSTRT	, Client Token
0	(0)	DBL WORD	8	CTOKEN (0)	

Comment

All fields except for CTKNJESD are common between JES2 and JES3.

End of Comment

0	(0)	SIGNED	1	CTKNJESI	Identifies which JES built the CTOKEN
0	(0)	X'2'	0	CTKNJES2	"2" Identifier for JES2
0	(0)	X'3'	0	CTKNJES3	"3" Identifier for JES3
1	(1)	SIGNED	1	CTKNPLVL	Product level of CTOKEN creator
2	(2)	SIGNED	1	CTKNSLVL	Service level of CTOKEN creator
3	(3)	BITSTRING	1		Reserved alignment byte
4	(4)	SIGNED	4	CTKNSORT	Sort key
8	(8)	SIGNED	4	(0)	Full word alignment
8	(8)	BITSTRING	8	CTKNBMAP	Bit map for supported bytes in the JES dependent area
16	(10)	CHARACTER	64	CTKNJESD	JES dependent section
16	(10)	X'50'	0	CTOKEND	*** End of CTOKEN
16	(10)	X'50'	0	CTKNSIZE	"CTOKEND-CTOKEN" Size of CTOKEN

Comment

 The following bytes define which fields are present and how many bytes they occupy. For example, since the field CTKNJNUM occupies 4 bytes, the mask CTKNFJNM is defined with 4 bits.

End of Comment

8	(8)	BITSTRING	1	CTKNFLD1	Set 1 of bits for fields present
		1111		CTKNFJNM	"X'F0" Mask for CTKNJNUM present
		.... 1111		CTKNFDSK	"X'0F" Mask for CTKNDSKY present
9	(9)	BITSTRING	1	CTKNFLD2	Set 2 of bits for fields present
		1111		CTKNFDNM	"X'F0" Mask for CTKNDSNM present
		.... 11..		CTKNFOBC	"X'0C" Mask for CTKNOBFC present
		.... ..11		CTKNFOFT	"X'03" Mask for CTKNOFST present

IATYCTKN Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
10	(A)	BITSTRING 1111 11..	1	CTKNFLD3 CTKNFOB4 CTKNFDSO	Set 3 of bits for fields present "X'F0'" Mask for CTKNOBF4 present "X'0C'" Mask for CTKNDOFF present
11	(B)	BITSTRING 1111	1	CTKNFLD4 CTKNFWSI	Set 4 of bits for fields present "X'F0'" Mask for CTKNWSI present
12	(C)	BITSTRING	1	CTKNFLD5	Set 5 of bits for fields present
13	(D)	BITSTRING	1	CTKNFLD6	Set 6 of bits for fields present
14	(E)	BITSTRING	1	CTKNFLD7	Set 7 of bits for fields present
15	(F)	BITSTRING	1	CTKNFLD8	Set 8 of bits for fields present
16	(10)	SIGNED	4	CTKNJNUM	Server job number (binary)
20	(14)	SIGNED	4	CTKNDSKY	Dataset key (binary)
24	(18)	SIGNED	4	CTKNDSNM	Dataset number
28	(1C)	SIGNED	2	CTKNOBFC	Compatible OSE buffer number - see CTKNOBF4
30	(1E)	SIGNED	2	CTKNOFST	OSE Variable entry offset
32	(20)	SIGNED	4	CTKNOBF4	4-byte OSE buffer number
36	(24)	SIGNED	2	CTKNDOFF	OSE dataset entry offset
38	(26)	SIGNED	2	CTKNRSV1	Reserved for IBM
40	(28)	SIGNED	4	CTKNWSI	WSI value for consolidated SOUT
44	(2C)	SIGNED	4	CTKNRSV2 (9)	Reserved for IBM
80	(50)	BITSTRING	1	(0)	Cause an assembly error if the size of the JES3 section exceeds the defined size of the JES dependent section in the common mapping

IATYCTKN Cross Reference

Name

CTKNBMAP
 CTKNDOFF
 CTKNDSKY
 CTKNDSNM
 CTKNFDMN
 CTKNFDSK
 CTKNFDSO
 CTKNFJNM
 CTKNFLD1
 CTKNFLD2
 CTKNFLD3
 CTKNFLD4
 CTKNFLD5
 CTKNFLD6
 CTKNFLD7
 CTKNFLD8
 CTKNFOBC
 CTKNFOB4
 CTKNFOFT
 CTKNFWSI
 CTKNJESD
 CTKNJESI
 CTKNJES2
 CTKNJES3
 CTKNJNUM
 CTKNOBFC
 CTKNOBF4
 CTKNOFST
 CTKNPLVL
 CTKNRSV1
 CTKNRSV2
 CTKNSIZE
 CTKNSLVL
 CTKNSORT
 CTKNSTRT

Name

CTKNWSI
CTOKEN
CTOKEND

IATYCTYP Information

IATYCTYP Programming Interface information

Programming Interface information

IATYCTYP

End of Programming Interface information

Heading Information • IATYCTYP Cross Reference

IATYCTYP Heading Information

Common Name: Console Type Equates
Macro ID: IATYCTYP
DSECT Name: None
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: NONE
Storage Attributes: Main Storage: None
Virtual Storage: None
Auxiliary Storage: None
Size: N/A
Created by: N/A
Pointed to by: N/A
Serialization: N/A
Function: Contains the equates that define the different possible console types

IATYCTYP Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0		
		1...		CTYPNJS3	"X'80" - Not JES3 Console
		.1...		CTYPRJP	"X'40" - RJP console
		..1.		CTYPNJE	"X'20" - NJE console
		...1		CTYPBDT	"X'10" - BDT console
		.... 1...		CTYPINTR	"X'08" - INTERNAL
		.... .1..		CTYPINST	"X'04" - INSTREAM
		.... ..1.		CTYPRES1	"X'02" - Reserved
		.... ...1		CTYPNONE	"X'01" - None

Comment

IATYCTYP ALREADY GENERATED

End of Comment

IATYCTYP Cross Reference

Name

CTYPBDT
CTYPINST
CTYPINTR
CTYPNJE
CTYPNJS3
CTYPNONE
CTYPRES1
CTYPRJP

IATYDAT Information

IATYDAT Programming Interface information

Programming Interface information

IATYDAT

End of Programming Interface information

Heading Information • IATYDAT Map

IATYDAT Heading Information

Common Name: THE DATA BUFFER BLOCK (DAT)
Macro ID: IATYDAT
DSECT Name: DATSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: DAT
 Offset: 0
 Length: 4
Storage Attributes: Subpool: 231, 230, 229, 0
 Key: User's key, or Job's key for subpool 0
Size: DATFSIZE bytes plus BUFSIZE keyword on BUFFER statement in JES3 INISH deck
Created by: IATDMUB
 IATINIO
 IATINJQ (for JOB VALIDATION/RESTART)
 IATINJR (for JOB VALIDATION/RESTART)
 IATINM3
 IATINXM
 IATOSSI
Pointed to by: FOR USAM CSA PBUFS: BALDATBA OF IATYBAL (BALP)
 FOR USAM AUX PBUFS: BALXDTBA OF IATYBAL (BALP)
 FOR JSAM BUFFERS: BALDATBA OF IATYBAL (BALJ)
 FOR USAM UBUFS: DSB DATBA OF IATYDSB
 FOR WRITER BUFFERS: WTRIDATA OF IATYWTR
Serialization: NONE
Function: Spool I/O buffer containing user data, and forward and backward M.R chains.

IATYDAT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DATSTART	
0	(0)	CHARACTER	4	DATID	BLOCK IDENTIFICATION
4	(4)	ADDRESS	4	DATDMC	POINTER TO CORRESPONDING DMC
Comment					

DATSSILN MUST BE LAST FIELD IN FIXED PORTION OF DAT					

End of Comment					
8	(8)	SIGNED	4	(0)	INSURE DATRSVD IS ON FULLWORD
8	(8)	BITSTRING	1	DATFLAG	Flag, bits shown below 09715S2A
Comment					

09715S2A					
Definition of DATFLAG. 09715S2A					

09715S2A					
End of Comment					
		1... ..		DATCBUF	"X'80" Core buffer for spool browse09715S2A
		.1.. ..		DATCBSPL	"X'40" Spool browse core buffer for which a spool read is being attempted
		..1.		DATFLG20	"X'20" Reserved bit for IBM 09715S2A
		...1		DATFLG10	"X'10" Reserved bit for IBM 09715S2A
		.... 1...		DATFLG08	"X'08" Reserved bit for IBM 09715S2A
		.... .1..		DATFLG04	"X'04" Reserved bit for IBM 09715S2A
		.... ..1.		DATFLG02	"X'02" Reserved bit for IBM 09715S2A
		.... ...1		DATFLG01	"X'01" Reserved bit for IBM 09715S2A
9	(9)	BITSTRING	1	DATRSVD	Reserved for IBM 09715S2C
10	(A)	SIGNED	2	DATSSILN	Length of STC/TSO logon DAT (When multiple buffers are in use, contains a running total for all buffers) 93
12	(C)	SIGNED	4	DATFEND (0)	- END OF FIXED PART OF IATYDAT

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
12	(C)	X'C'	0	DATFSIZE	"DATFEND-DATSTART" - SIZE OF FIXD PART OF IATYDAT

Comment

START OF THE VARIABLE (BASED ON BUFFER SIZE) LENGTH PORTION OF THE DATA BUFFER BLOCK. THE FOLLOWING DATA AREAS ARE WRITTEN TO DISK, WHEREAS THE PREVIOUS FIELDS ARE NOT. THE VARIABLE PORTION MAY BE FORMATTED FOR EITHER SINGLE OR MULTIPLE RECORD FILES AS BELOW:

 FIELDS COMMON TO SINGLE AND MULTI RECORD FILES

Dec	Hex	Type/Value	Len	Name (Dim)	Description
12	(C)	BITSTRING	1	DATTHIS	- SPOOL ADDRESS FOR THIS BUFF, SPOOL MOD/RECORD SUBFIELDS
12	(C)	X'C'	0	DATSPMOD	"DATTHIS,L'FDBSPMOD" MODULE NUMBER OF SPOOL EXTENT
12	(C)	X'E'	0	DATSPREC	"DATTHIS+L'FDBSPMOD,L'FDBSPREC" RECORD NO ON EXTENT 1 *

Comment

 SINGLE RECORD FILE (SRF) DEFINITION

Dec	Hex	Type/Value	Len	Name (Dim)	Description
12	(C)	X'12'	0	DATSRFDT	*** - SRF DATA (USER DEFINED)

Comment

 MULTIPLE RECORD FILE (MRF) DEFINITION

Dec	Hex	Type/Value	Len	Name (Dim)	Description
18	(12)	BITSTRING	6	DATFIRST	- SPOOL ADDR FOR 1ST BUFFER
24	(18)	BITSTRING	6	DATPREV	- SPOOL ADDR FOR PRIOR BUFFER
30	(1E)	BITSTRING	6	DATNEXT	- SPOOL ADDR FOR NEXT BUFFER - HIGH ORDER BIT ON INDICATES THAT DATNEXT CONTAINS A BUFFER ADDRESS
36	(24)	SIGNED	4	DATVALID	- VALIDATION FIELD, ESTAB BY INPUT SERVICE FROM TOD CLOCK
40	(28)	SIGNED	4	DATLOLIN	- LOW LINE NUMBER IN BUFFER
44	(2C)	SIGNED	4	DATLOREC	- LOW RECORD NUMBER IN BUFFER
48	(30)	SIGNED	4	DATLOPAG	- LOW PAGE NUMBER IN BUFFER
52	(34)	SIGNED	4	DATMRFIX (0)	- END OF MRF FIXED PORTION
52	(34)	X'28'	0	DATMRFSZ	"DATMRFIX-DATTHIS" - SIZE OF MRF FIXED PORTION

IATYDAT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

THE FOLLOWING FIELDS ARE REPEATED FOR EACH LOGICAL RECORD IN THE BUFFER					

The structure of JSAM/USAM buffer with MRF records looks like this:					
<pre> IDAT header|DATCC|DATCCX|data|DATCC|DATCCX|data|...| | | | | | | | | | | | 00FF0000 | |-----|-----|-----|-----|-----|-----| </pre>					
RL= 5 or 6 End of Buffer					
<pre> IDAT header|DATCC|DATCCX|data|DATCC|DATCCX|data|....| | | | | | | | | | | | |-----|-----|-----|-----|-----|-----| </pre>					
RL < 5 End of Buffer					
<pre> IDAT header|DATCC|DATCCX|data|...| | | | | | | | | | | | FFFFFFFF | |-----|-----|-----|-----|-----|-----| </pre>					
End of File					

<p>If the room left is less than 5 bytes, no need to put the E-O-B identifier (x'00FF0000') and the room left will be left as it is (x'0000'). If the room left is greater than or equal to 5 bytes and still does not have enough room to put at least 1 byte of data, then put the E-O-B identifier. Either end-of-buffer identifier (00FF0000) or room left less than 5 bytes indicates an end of buffer condition.</p>					

End of Comment					
52	(34)	SIGNED	4	DATMRFD (0)	- START OF RECORD HEADER 1
52	(34)	SIGNED	4	DATCC	FLAGS AND COUNT
Comment					

THE CARRIAGE CONTROL BIT IS TURNED ON IN THE DATCC					
End of Comment					
		1...		DATCPDS	"X'80" COMPOSED PAGE DATA STREAM CC
		.1..		DATMAC	"X'40" MACHINE CARRIAGE CONTROL
		..1.		DATASA	"X'20" ASA CARRIAGE CONTROL
		...1		DATOPTCD	"X'10" OPTCD = J
		.... 1...		DATSPLTB	"X'08" SPLIT RECORD INDICATOR
		.... .1..		DATCON	"X'04" CONTINUATION INDICATOR
		.... ..1.		DATSPAN	"X'02" SPANNED DATA INDICATOR
		.... ...1		DATDATX	"X'01" DATCC extension indicator
Comment					

<p>The first 4 bits of DATCCXL are reserved for flag bits whereas the last 4 bits store the length of DATCCX.</p>					

End of Comment					

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
52	(34)	X'35'	0	DATCCXL	"DATCC+1,1,C'X'" Flags & Length of DATCCX
		1...		DATINPTR	"X'80'" SYSIN pointer record
		.1..		DATSTCKE	"X'40'" Time stamp present 12100S5C
		..1.		DATCTLRD	"X'20'" Control record (not counted for DATLOREC)
		...1		DATRSV10	"X'10'" Reserved for IBM
		.... 1..		DATRSV08	"X'08'" Reserved, DO NOT USE
		.... .1..		DATRSV04	"X'04'" Reserved, DO NOT USE
		.... ..1.		DATRSV02	"X'02'" Reserved, DO NOT USE
		.... ...1		DATRSV01	"X'01'" Reserved, DO NOT USE
52	(34)	X'36'	0	DATLEN	"DATCC+2,2,C'H'" FOR BEGINNING OF A LOGICAL RECORD: -> LOGICAL RECORD LENGTH IF NOT BEGINNING OF A LOGICAL RECORD: -> DATA LENGTH OF SECTION
52	(34)	X'38'	0	DATCCEND	*** End of DATCC
56	(38)	BITSTRING	2	DATOLRCL	Original logical record length of a record
56	(38)	X'3A'	0	DATXE1	*** End of DATCCX version 1
56	(38)	X'2'	0	DATEXT1	**-"DATCCEND" Length of DATCCX version 1
56	(38)	X'2'	0	DATEXTLN	**-"DATCCEND" Length of DATCCX version 1
56	(38)	BITSTRING	2	DATCCX	DATCC extension
58	(3A)	BITSTRING	8	DATTSTMP	Time stamp for SYSLOG
58	(3A)	X'8'	0	DATTSLN	"L'DATTSTMP" Length of time stamp
58	(3A)	X'42'	0	DATXE1S	*** End of DATCCX version 1 with time stamp
58	(3A)	X'A'	0	DATEXSLN	**-"DATCCEND" Length of DATCCX version 1 with time stamp
58	(3A)	X'A'	0	DATEXT1S	**-"DATCCEND" Length of DATCCX version 1 with time stamp
56	(38)	BITSTRING	1	DATCCXS	DATCC extension with time stamp
56	(38)	X'38'	0	DATXMLEN	"DATCCX-DATSTART" Length of DMC X-MEM work
56	(38)	X'6'	0	DATCCTL	"L'DATCC+L'DATCCX" Total length of DATCC and its extension
56	(38)	X'E'	0	DATCCTLS	"L'DATCC+L'DATCCXS" Total length of DATCC and 12100S5A extension with time stamp 12100S5A
56	(38)	BITSTRING	0	DATEOBID	"X'00FF0000" End of buffer identifier
56	(38)	BITSTRING	0	DATEOFID	"X'FFFFFFFF" End of file identifier
58	(3A)	CHARACTER	1	DATMRFD (0)	- Start of user data. Valid only if time stamp is not present.
58	(3A)	BITSTRING	0	DATMLRL	"X'00007FFF" MAXIMUM LOGICAL RECORD LEN. THIS VALUE IS PLACED INTO THE TVT AND SVT BY IATINIO
58	(3A)	BITSTRING	0	DATDLMSK	"X'0000FFFF" DATA LENGTH MASK USED TO ISOLATE THE LENGTH FIELD CONTAINED WITHIN THE DATCC. THIS VALUE IS ALSO PLACED INTO THE SVT AND TVT BY IATINIO.
		.1.1 1.1.		DATSTMOD	"X'5A" CARRIAGE CONTROL CHARACTER #165 INDICATING STREAM MODE DATA #165
58	(3A)	BITSTRING	0	DATPGBEG	"X'D3A8AF" CONTROL CHARACTER SEQUENCE #165 FOR PAGE BEGIN #165

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DATSTMAP	Symbol Table Mapping 0038
0	(0)	SIGNED	2	DATSTSIZ	Symbol Table Size
2	(2)	CHARACTER	8	DATSTEC	Symbol Table Eye-Catcher 0038
12	(C)	SIGNED	4	DATSTPTR (0)	Start of Symbol Table 0038
12	(C)	X'C'	0	DATSYMTS	**-"DATSTMAP" Size of fixed area 0038

IATYDAT Cross Reference

IATYDAT Cross Reference

Name

DATASA
DATCBSPL
DATCBUF
DATCC
DATCCEND
DATCCTL
DATCCTLS
DATCCX
DATCCXL
DATCCXS
DATCON
DATCPDS
DATCTLRD
DATDATX
DATDLMSK
DATDMC
DATEOBID
DATEOFID
DATEXSLN
DATEXTLN
DATEXT1
DATEXT1S
DATFEND
DATFIRST
DATFLAG
DATFLG01
DATFLG02
DATFLG04
DATFLG08
DATFLG10
DATFLG20
DATFSIZE
DATID
DATINPTR
DATLEN
DATLOLIN
DATLOPAG
DATLOREC
DATMAC
DATMLRL
DATMRFDT
DATMRFHD
DATMRFIX
DATMRF SZ
DATNEXT
DATOLRCL
DATOPTCD
DATPGBEG
DATPREV
DATRSVD
DATRSV01
DATRSV02
DATRSV04
DATRSV08
DATRSV10

Name

DATSPAN
DATSPLTB
DATSPMOD
DATSPREC
DATSRFDT

DATSSILN
DATSTART
DATSTCKE
DATSTEC
DATSTMAP

DATSTMOD
DATSTPTR
DATSTSIZ
DATSYMETS
DATTHIS

DATTSLEN
DATTSTMP
DATVALID
DATXE1
DATXE1S
DATXMLEN

IATYDDF Information

IATYDDF Heading Information

Common Name: Destination Definitions for Incoming Networking Sysout
Macro ID: IATYDDF
DSECT Name: DDFSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: DDF
 Offset: 0
 Length: 4
Storage Attributes: Auxiliary Storage: JES3 spool
 Subpool: 0
 Key: 1 (JES key)
 Residency: ANY
Size: DDFSIZE bytes
Created by: IATINDST
Pointed to by: OSDDDF in IATYOSD
 DDFNEXT in IATYDDF
Serialization: None
Function: This area defines second-level destinations for incoming NJE sysout.

IATYDDF Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DDFSTART	
0	(0)	CHARACTER	4	DDFID	Eyecatcher "DDF"
4	(4)	ADDRESS	4	DDFNEXT	Pointer to next DDF
8	(8)	CHARACTER	8	DDFNAME	Destination name
16	(10)	BITSTRING	1	DDFFLAG1	Flag byte

Comment					

Definition of DDFFLAG1 bits					

End of Comment					
		1... ..		DDFUSER	"X'80" If on, the destination is considered a TSO userid. If off, the destination is considered a device.
		.1.. ..		DDFMODAD	"X'40" Entry was added by *MODIFY, 0005 DEST 0005
		..1.		DDFCNFAD	"X'20" Entry was added by *MODIFY, 0005 CONFIG 0005
		...1		DDFFL110	"X'10" Reserved for IBM
		.... 1..		DDFFL108	"X'08" Reserved for IBM
		.... .1..		DDFFL104	"X'04" Reserved for IBM
		.... ..1.		DDFFL102	"X'02" Reserved for IBM
		.... ...1		DDFFL101	"X'01" Reserved for IBM
17	(11)	BITSTRING	3	DDFRSV01	Reserved for IBM
20	(14)	CHARACTER	24	DDFRSV02	Reserved for IBM
44	(2C)	SIGNED	4	DDFEND (0)	End of the DDF
44	(2C)	X'2C'	0	DDFSIZE	"DDFEND-DDFSTART" Total size of the DDF

IATYDDF Cross Reference

IATYDDF Cross Reference

Name

DDFCNFAD
DDFEND
DDFFLAG1
DDFFL101
DDFFL102

DDFFL104
DDFFL108
DDFFL110
DDFID
DDFMODAD

DDFNAME
DDFNEXT
DDFRSV01
DDFRSV02
DDFSIZE

DDFSTART
DDFUSER

IATYDDL Information

IATYDDL Programming Interface information

Programming Interface information

IATYDDL

The following fields are **NOT** programming interface information:

- DDLDSSEQ
- DDLUNIQ

End of Programming Interface information

Heading Information • IATYDDL Map

IATYDDL Heading Information

Common Name: DD LEVEL INFORMATION
Macro ID: IATYDDL
DSECT Name: IATYDDL
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: NONE
Storage Attributes: Auxiliary Storage: None
 Subpool: 0
 Residency: Below 16M
Size: 160 Bytes
Created by: IATYDDL is AGETMAINed as part of IATYIDD.

Pointed to by: IATYIDD is AGETMAINed by IATIIDR.
 IATYDDL is expanded within IATYIDD.
Serialization: None
Function: Contains data and status flags extracted from the SWA Control Blocks for a DD statement.

IATYDDL Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYDDL	
0	(0)	SIGNED	4	DDLDDNAM	DDNAME PTR
4	(4)	SIGNED	4	DDLDSN	DATA SET NAME PTR
8	(8)	SIGNED	4	DDLDSNQ	DATA SET NAME QUALIFIER PTR
12	(C)	SIGNED	4	DDLUNIT	PTR TO UNIT NAME
16	(10)	CHARACTER	4	DDL4DGT	4 DIGIT DEVICE NUMBER
20	(14)	SIGNED	4	DDLUNIQ	SWA ADDRESS OF THE SIOT

Comment

4 LINES DELETED BY APAR OY66987

End of Comment

24	(18)	SIGNED	4	DDLJVFCB	PTR TO VOLS IN JFCB
28	(1C)	SIGNED	4	DDLVL#1	PTR TO VOLS IN JFCBX #1
32	(20)	SIGNED	4	DDLVL#2	PTR TO VOLS IN JFCBX #2
36	(24)	SIGNED	4	DDLVL#3	PTR TO VOLS IN JFCBX #3
40	(28)	SIGNED	4	DDLVL#4	PTR TO VOLS IN JFCBX #4
44	(2C)	SIGNED	4	DDLVL#5	PTR TO VOLS IN JFCBX #5
48	(30)	SIGNED	4	DDLVL#6	PTR TO VOLS IN JFCBX #6
52	(34)	SIGNED	4	DDLVL#7	PTR TO VOLS IN JFCBX #7
56	(38)	SIGNED	4	DDLVL#8	PTR TO VOLS IN JFCBX #8
60	(3C)	SIGNED	4	DDLVL#9	PTR TO VOLS IN JFCBX #9
64	(40)	SIGNED	4	DDLVL#10	PTR TO VOLS IN JFCBX #10
68	(44)	SIGNED	4	DDLVL#11	PTR TO VOLS IN JFCBX #11
72	(48)	SIGNED	4	DDLVL#12	PTR TO VOLS IN JFCBX #12
76	(4C)	SIGNED	4	DDLVL#13	PTR TO VOLS IN JFCBX #13
80	(50)	SIGNED	4	DDLVL#14	PTR TO VOLS IN JFCBX #14
84	(54)	SIGNED	4	DDLVL#15	PTR TO VOLS IN JFCBX #15
88	(58)	SIGNED	4	DDLVL#16	PTR TO VOLS IN JFCBX #16
92	(5C)	SIGNED	4	DDLVL#17	PTR TO VOLS IN JFCBX #17
96	(60)	SIGNED	4	DDLVREF	BK REF ID (VOL=REF/SUB/SPLT)
100	(64)	ADDRESS	4	DDLANAM	Pointer to temporary data set name (SCTANAME)
104	(68)	SIGNED	4	DDLDSNP	PTR TO DSN FOR VOL=REF=DSN
108	(6C)	SIGNED	4	DDLUAFFP	UNIQUE ID OF AFF'D REQUEST
112	(70)	SIGNED	4	DDLDCBP	PTR TO DSN FOR DCB=DSN
116	(74)	SIGNED	4	DDLLIKEP	PTR TO DSN FOR LIKE=DSN

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Comment					
----- THE FOLLOWING TWO FIELDS ARE PASSED TO IFG0JES3. THEY MUST BE CONTIGUOUS. -----					
----- End of Comment					
120	(78)	CHARACTER	8	DDLMSUT	SMS MANAGED MOUNTABLE UNIT- NAME
128	(80)	SIGNED	4	DDLULIST	POINTER TO UNITNAME LIST
132	(84)	SIGNED	4	DDLUAFFI	SIOT ADDRESS OF DD SPECIFIED ON UNIT=AFF REQUEST
----- Comment					
THIS LINE DELETED BY APAR OW38427					
----- End of Comment					
136	(88)	SIGNED	2	DDLRSVSR	RESERVED FOR SERVICE
138	(8A)	SIGNED	2	DDLDSSEQ	DATA SET SEQUENCE NUMBER FROM LABEL PARAMETER
140	(8C)	SIGNED	2	DDLDSND	STEP # OF DSN DEQ
142	(8E)	BITSTRING	1	DDLNUMUN	NUMBER OF UNITS REQUESTED
143	(8F)	BITSTRING	1	DDLDCBL	LEN OF DSN FOR DCB=DSN
144	(90)	BITSTRING	1	DDLLIKEL	LEN OF DSN FOR LIKE=DSN
145	(91)	BITSTRING	1	DDLMEDIA	MEDIA TYPE (FROM JFCTDS11)
146	(92)	BITSTRING	1	DDLDSNL	LEN OF DSN FOR VOL=REF=DSN
147	(93)	BITSTRING	1	DDLNOVLS	COUNT OF VOLUMES SPECIFIED
148	(94)	BITSTRING	1	DDLVOLCT	VOLCOUNT OF MAX VOLS
149	(95)	BITSTRING	1	DDLVLSEQ	VOLUME SEQUENCE NUMBER
150	(96)	BITSTRING	1	DDLFLG1	FLAG1 - LABEL INFORMATION
----- Comment					
----- DEFINITION OF DDLFLG1 - LABEL INFORMATION -----					
----- End of Comment					
		.1..		DDLAL	"X'40" AL (IF BIT 4 ON THEN AUL)
		..1.		DDLTM	"X'20" DOS LEADING TAPE MARK
		...1		DDLBLP	"X'10" BYPASS LABEL PROCESSING
		.... 1.1.		DDLUL	"X'0A" USER LABEL
		.... .1..		DDLNSL	"X'04" NONSTANDARD LABEL
		.... ..1.		DDLST	"X'02" STANDARD LABEL
		.... ...1		DDLNL	"X'01" NO LABEL
151	(97)	BITSTRING	1	DDLFLG2	FLAG2 - DISPOSITION
----- Comment					
----- DEFINITION OF DDLFLG2 - DISP INFORMATION -----					
----- End of Comment					
		11..		DDLNEW	"X'C0" DISP=NEW
		1...		DDLMOD	"X'80" DISP=MOD
		.1..		DDLOLD	"X'40" DISP=OLD
		..1.		DDLXXX1	"X'20" RSRVD FOR DEVELOPMENT
		...1		DDLPASS	"X'10" DISP=PASS
		.... 1...		DDLKEEP	"X'08" DISP=KEEP
		.... .1..		DDLDEL	"X'04" DISP=DELETE
		.... ..1.		DDLCAT	"X'02" DISP=CATLG
		.... ...1		DDLUCAT	"X'01" DISP=UNCATLG

IATYDDL Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
152	(98)	BITSTRING	1	DDLFLG3	FLAG3 - EXPLICIT BACK REF
----- Comment -----					
DEFINITION OF DDLFLG3 - EXPLICIT BACK REF -----					
----- End of Comment -----					
		1...		DDLUNAFF	"X'80" UNIT AFFINITY SPECIFIED
		.1..		DDLVLRDD	"X'40" VOL=REF=DD SPECIFIED
		..1.		DDLVLRDS	"X'20" VOL=REF=DSN SPECIFIED
		...1		DDLDCBRF	"X'10" DCB=DSNAME SPECIFIED
		.... 1...		DDLMS	"X'08" THE DATA SET IS SMS MANAGED
		.... .1..		DDLVRFEX	"X'04" A REFERENCE TO AN LVS ENTRY EXISTS AND SHOULD BE INCLUDED IN THE REFERENCING ENTRY
		.... ..1.		DDLVRPAS	"X'02" PASSED DATASET
		.... ...1		DDLJSCRF	"X'01" PRIV. CATLG. REFERENCE
153	(99)	BITSTRING	1	DDLFLG4	FLAG4 - REQUEST STRIKE OUT
----- Comment -----					
DEFINITION OF DDLFLG4 - REQUEST STRIKE OUT -----					
----- End of Comment -----					
		1...		DDLUM	"X'80" DD DUMMY WAS SPECIFIED
		.1..		DDLSYS	"X'40" SYSIN/SYSOUT DATA SET
		..1.		DDLTERMT	"X'20" TSO TERM=TS
		...1		DDLQNAM	"X'10" TCAM QNAME=
		.... 1...		DDLUNIT	"X'08" POSSIBLE INVALID UNIT
		.... .1..		DDLGDGAL	"X'04" POTENTIAL GDG-ALL
		.... ..1.		DDLDCBDS	"X'02" CREATE IJS FOR DCB=DSN
		.... ...1		DDLINVU	"X'01" UNSUPPORTED/INVALID UNIT
154	(9A)	BITSTRING	1	DDLFLG5	FLAG5 - GENERAL INFO #1
----- Comment -----					
DEFINITION OF DDLFLG5 - GENERAL INFO #1 -----					
----- End of Comment -----					
		1...		DDLPCAT	"X'80" POTENTIAL CATAL REQUEST
		.1..		DDLISAM	"X'40" DSORG=IS SPECIFIED
		..1.		DDLCCAT	"X'20" CONCATENATED DD REQ
		...1		DDLGDSN	"X'10" GENERATED DSN
		.... 1...		DDLJOBL	"X'08" JOBLIB DD REQUEST
		.... .1..		DDLJSCAT	"X'04" JOBCAT/STEPCAT REQUEST
		.... ..1.		DDLATC	"X'02" CONCATENATED PRIVATE CATALOG
		.... ...1		DDLGDGS	"X'01" GDG SINGLE REQUEST
155	(9B)	BITSTRING	1	DDLFLG6	FLAG6 - GENERAL INFO #2
----- Comment -----					
DEFINITION OF DDLFLG6 - GENERAL INFO #2 -----					
----- End of Comment -----					
		1...		DDLDEFER	"X'80" DEFER MOUNTING REQUEST
		.1..		DDLDCR	"X'40" SCRATCH REQUEST
		..1.		DDLDPAR	"X'20" PARALLEL MOUNT REQUEST

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		...1		DDLJOB	"X'10" JOBCAT DD - SET BY IATIIPR
		.... 1...		DDLINOUT	"X'08" IN/OUT TYPE OF DATA SET
		.... .1..		DDLOUTIN	"X'04" OUT/IN TYPE OF DATA SET
		.... ..1.		DDLPRIV	"X'02" PRIVATE WAS SPECIFIED
		.... ...1		DDLDEL	"X'01" DATA SET DELETED IN 0122 PREVIOUS STEP
156	(9C)	BITSTRING	1	DDLFLG7	0122 FLAG7 - GENERAL INFO #3

Comment

DEFINITION OF DDLFLG7 - GENERAL INFO #3

End of Comment

		1...		DDLSSSYS	"X'80" 'SUBSYS=' SPECIFIED
		.1..		DDLMSVGP	"X'40" 'MSVGP=' SPECIFIED
		..1.		DDLUNCAT	"X'20" DATASET TO BE LOCATED HAS BEEN UNCATALOGED
		...1		DDLSSRCH	"X'10" SPECIAL PASS/CAT SEARCH FOR NEW MSVGP DATASET
		.... 1...		DDLDMND	"X'08" DEMAND ALLOCATION REQUEST (I.E. SIOTDMND)
		.... .1..		DDLRFMOD	"X'04" INDICATES PROBABLE REF TO DATA SET WITH DISP=(MOD.)
		.... ..1.		DDLJVTCD	"X'02" JVT ENTRY HAS BEEN CREATED FOR THIS DD STATEMENT
		.... ...1		DDLSPMOD	"X'01" INDICATES SPECIAL DISP=(MOD.) PROCESSING IS REQUIRED.
157	(9D)	BITSTRING	1	DDLFLG8	FLAG8 - GENERAL INFO #4

Comment

DEFINITION OF DDLFLG8 GENERAL INFO #4

End of Comment

		1...		DDLDSRC	"X'80" UNIT SEARCHED
		.1..		DDLCREJB	"X'40" THIS DATA SET WAS CREATED IN THIS JOB
		..1.		DDLMDNEW	"X'20" A DISP=MOD REQUEST IS REALLY A DISP=NEW REQUEST. THIS FLAG IS USED BY IATIIPR WHEN SETTING THE DISPOSITION IN THE LVS ENTRY.
		...1		DDLDEFUN	"X'10" THE UNIT TYPE FOR THIS DD IS A DEFAULT ASSIGNED BY SMS IDAX

Comment

THE SIOTIER BIT IN SIOTBYT4 IS SET TO INDICATE THAT SIOT
REPRESENTS A HIERARCHICAL FILE. DDLHIER WILL BE SET IN
IATIICM TO INDICATE A HIERARCHICAL FILE TO IATIIPR.

End of Comment

		.... 1...		DDLHIER	"X'08" A HIERARCHICAL FILE SPECIFIED
		.... .1..		DDLDUPT	"X'04" STORCLAS=DUPT@SMS SPEC'D

IATYDDL Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- 18531TAA					
The following two bits must be consecutive and maintained 18531TAA					
in the same order as the LVSDLIFO/LVSDFIFO flags in the 18531TAA					
LVS (IATYLV5). 18531TAA					
----- 18531TAA					
End of Comment					
		.... ..1.		DDLGDGLI	"X'02" GDGORDER=LIFO specified 18531TAA
		.... ...1		DDLGDGFI	"X'01" GDGORDER=FIFO specified 18531TAA
158	(9E)	BITSTRING	1	DDLFLG9	GENERAL INFORMATION FLAG
Comment					

DEFINITION OF DDLFLG9 - GENERAL INFO					

End of Comment					
		1...		DDLMSMM	"X'80" SMS MANAGED MOUNTABLE
		.1...		DDLURORD	"X'40" UNIT AFFINITY WAS INVALID. THE AFF'ING
					DD HAS TO USE THE UNIT ON THE AFF'D DD OR AN
					EDTINFO DEFAULT.
		..1.		DDLRFQ522	"X'20" JOB REQUIRES A MINIMUM 522 SYSTEM TO
					EXECUTE
		...1		DDLAFOLD	"X'10" THIS REQUEST (OR ONE THAT IT
					REFERENCES) SPECIFIES UNIT AFFINITY TO A
					REQUEST IN WHICH DISP IS NOT NEW
		.... 1...		DDLRF908	"X'08" RESERVED
		.... .1..		DDLRF904	"X'04" RESERVED
		.... ..1.		DDLMSMHN	"X'02" SMSHONOR JCL KEYWORD SPEC'D
		.... ...1		DDLRF901	"X'01" RESERVED
159	(9F)	BITSTRING	1	DDLFLGA	RESERVED FOR USER
160	(A0)	BITSTRING	1	DDLEND (0)	END OF DDL ENTRY

IATYDDL Cross Reference

Name

DDLAFOLD
 DDLAL
 DDLANAM
 DDLBLP
 DDLCAT
 DDLCATC
 DDLCAT
 DDLCREJB
 DDLDCBDS
 DDLDCBL
 DDLDCBP
 DDLDCBRF
 DDLDEL
 DDLDDNAM
 DDLDEFER
 DDLDEFUN
 DDLDEL
 DDLDMND
 DDLDPAR
 DDLDSR

Name

DDLDSN
DDLDSND
DDLDSNL
DDLDSNP
DDLDSNQ

DDLDSRC
DDLDSSEQ
DDLSSYS
DDLUM
DDLDUPT

DDLEND
DDLFLGA
DDLFLG1
DDLFLG2
DDLFLG3

DDLFLG4
DDLFLG5
DDLFLG6
DDLFLG7
DDLFLG8

DDLFLG9
DDLGDGAL
DDLGDGFI
DDLGDGLI
DDLGDGS

DDLGDSN
DDLHIER
DDLINOUT
DDLINVU
DDLISAM

DDLJOB
DDLJOBL
DDLJSCAT
DDLJSCRF
DDLJVTCD

DDLKEEP
DDLLIKEL
DDLRIKEP
DDLTM
DDLMDNEW

DDLMEDIA
DDLMOD
DDLMSVGP
DDLNEW
DDLNL

DDLNOVLS
DDLNSL
DDLNUMUN
DDLNUNIT
DDLOLD

DDLROUTIN
DDLPASS
DDLPCAT
DDLPRIV
DDLQNAM

DDLRFMOD
DDLRF901
DDLRF904
DDLRF908
DDLRF522

IATYDDL Cross Reference

Name

DDLRSVSR
DDLSL
DDLMS
DDLMSHN
DDLMSMM

DDLMSUT
DDLSPMOD
DDLSSRCH
DDLSYS
DDLTERMT

DDLUAFFI
DDLUAFFP
DDLUCAT
DDLUL
DDLULIST

DDLUNAFF
DDLUNCAT
DDLUNIQ
DDLUNIT
DDLURORD

DDLJFCB
DDLVL#1
DDLVL#10
DDLVL#11
DDLVL#12

DDLVL#13
DDLVL#14
DDLVL#15
DDLVL#16
DDLVL#17

DDLVL#2
DDLVL#3
DDLVL#4
DDLVL#5
DDLVL#6

DDLVL#7
DDLVL#8
DDLVL#9
DDLVLRDD
DDLVLRDS

DDLVLSEQ
DDLVLCT
DDLVREF
DDLVRFEX
DDLVRPAS

DDLXXX1
DDL4DGT
IATYDDL

IATYDEX Information

IATYDEX Heading Information

Common Name: Dump Exit work area
Macro ID: IATYDEX
DSECT Name: DEXSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: 'DEX '
 Offset: 0
 Length: 4
Storage Attributes: Auxiliary Storage: N/A
 Subpool: 252
 Key: 0
 Residency: Above 16M
Size: DEXSIZE
Created by: IATABTDX
Pointed to by: Contained in the work area passed to
 dump exits in SDMSE_INPUT_WORKAREA_ADDR
 within IHASDMSE.
Serialization: NONE
Function: This macro defines the work area used by the
 tailored SVC dump exit.

IATYDEX Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DEXSTART	
0	(0)	CHARACTER	4	DEXEYE	Eyecatcher
4	(4)	BITSTRING	1	DEXFLAG1	Flag byte 1
		1...		DEXPJES3	"X'80" JES3 present
		.1..		DEXPJ3AX	"X'40" JES3AUX present
		..1.		DEXPJXCF	"X'20" JESXCF present
		...1		DEXSSIAC	"X'10" At least one ASID is active in an SSI
		.... 1..		DEXADANY	"X'08" An ASID was added
		.... .1..		DEXF1R04	"X'04" Reserved for IBM
		.... ..1.		DEXF1R02	"X'02" Reserved for IBM
		.... ...1		DEXF1R01	"X'01" Reserved for IBM
5	(5)	BITSTRING	3	DEXRSVD1	Reserved for IBM
Comment					

DUMP command data definitions					

End of Comment					
8	(8)	DBL WORD	8	DEXDUTS	Exit invocation time stamp
Comment					
DEXMGCR L MGCRE MF=L					
End of Comment					
16	(10)	SIGNED	2	DEXMGCR L (0)	MGCRE PARAMTER LIST
16	(10)	ADDRESS	1		FLAG FIELD '00'
17	(11)	ADDRESS	1		RESERVED
18	(12)	BITSTRING	1		FLAG FIELD
19	(13)	BITSTRING	1		FLAG FIELD 2
20	(14)	CHARACTER	5		CONTROL BLOCK ACRONYM 'MGCRE'
25	(19)	ADDRESS	1		VERSION LEVEL
26	(1A)	BITSTRING	1		FLAG FIELD 3
27	(1B)	ADDRESS	1		RESERVED
28	(1C)	ADDRESS	4		ADDRESS OF THE COMMAND TEXT

IATYDEX Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
32	(20)	ADDRESS	4		TOKEN
36	(24)	CHARACTER	8		CONSOLE NAME
44	(2C)	ADDRESS	4		CONSOLE ID
48	(30)	BITSTRING	1		COMMAND DISPOSITION
49	(31)	BITSTRING	2		COMMAND AUTHORITY LEVEL
51	(33)	BITSTRING	1		RESERVED
52	(34)	BITSTRING	8		COMMAND AND RESPOSE TOKEN
60	(3C)	BITSTRING	8		SYSTEM NAME
68	(44)	ADDRESS	4		UTOKEN ADDRESS
72	(48)	BITSTRING	4		RESERVED
72	(48)	X'3C'	0	DEXMGCRE	** -DEXMGCR "
76	(4C)	SIGNED	2	DEXCMDLN	Command text length
78	(4E)	CHARACTER	53	DEXCMD	
0	(0)	X'8E'	0	DEXCMDEN	*** End of command
144	(90)	DBL WORD	8	DEXEND (0)	End of DEX on DW boundary
144	(90)	X'90'	0	DEXSIZE	"DEXEND-DEXSTART" Size of DEX

IATYDEX Cross Reference

Name

DEXADANY
 DEXCMD
 DEXCMDEN
 DEXCMDLN
 DEXDUTS
 DEXEND
 DEXEYE
 DEXFLAG1
 DEXF1R01
 DEXF1R02
 DEXF1R04
 DEXMGCRE
 DEXMGCR
 DEXPJES3
 DEXPJXCF
 DEXPJ3AX
 DEXRSVD1
 DEXSIZE
 DEXSSIAC
 DEXSTART

IATYDFB Information

IATYDFB Heading Information

Common Name: ABEND DFB ERROR CODE DEFINITIONS
Macro ID: IATYDFB
DSECT Name:
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: NONE
Storage Attributes: Main Storage: N/A
 Auxiliary Storage: N/A

Size:
Created by: N/A
Pointed to by: N/A
Serialization: NONE
Function: Definition of error code returned in R15
 when an error is detected during processing
 in an FSS Address space.
 Definition of error code posted by a
 Netserv subtask during datastream
 processing.

NOTES =

CODES: 1 - 10 : ERROR CODES USED BY THE CONNECT/ DISCONNECT SSI ROUTINE IATSICD.

11 - 20 : ERROR CODES USED BY THE COMMON END OF TASK EXIT ROUTINE IN IATSICD.

21 - 30 : ERROR CODES USED BY THE WRITER FSA SPECIFIC CONNECT ROUTINE IATFPCC.

31 - 40 : ERROR CODES USED BY THE FSS OR FSA LISTEN TASK IATFCLT AND THE INTERFACE ROUTINES IT INVOKES.

41 - 50 : ERROR CODES USED BY THE CI FSS ORDER PROCESSING ROUTINE IATIIFO.

51 - 60 : ERROR CODES USED BY THE WRITER FSA QUICK-CELL SERVICE ROUTINE IATFPQC.

61 - 70 : ERROR CODES USED BY THE WRITER FSA GETDS ROUTINE IATFPGD.

71 - 80 : ERROR CODES USED BY THE WRITER FSA SWB-BUILDING SERVICE ROUTINE IATFPSB.

81 - 90 : ERROR CODES USED BY THE WRITER FSA READ-AHEAD TASK IATFPRA.

91 - 100: ERROR CODES USED BY THE WRITER FSA CHECKPOINT WRITER TASK IATFPCW.

X'65' - X'6E': ERROR CODES USED BY THE NJE/TCP NETSERV SERVER EXITS.

IATYDFB Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0		
0	(0)	X'1'	0	DFBCDTOK	"1" NO TOKEN SUPPLIED ON START COMMAND
0	(0)	X'2'	0	DFBCDMEM	"2" UNABLE TO LOCATE MEMDATA HEADER FOR FSS ADDRESS SPACE
0	(0)	X'3'	0	DFBCDLT	"3" UNABLE TO ESTABLISH LISTEN TASK FOR FSS OR FSA
0	(0)	X'4'	0	DFBCDSP	"4" INVALID OR NO START COMMAND PARMS ON MVS START COMMAND
0	(0)	X'5'	0	DFBCDXAT	"5" IATSICD - FAILURE DURING IXZXIXAT (ATTACH)
0	(0)	X'6'	0	DFBCDXMB	"6" IATSICD - FAILURE DURING IXZXIXMB (MAIL BOX BUILD FOR THE DEFAULT MAIL BOX)
0	(0)	X'7'	0	DFBCDXMD	"7" IATSICD - FAILURE DURING IXZXIXMD (MAIL BOX DELETE FOR THE DEFAULT MAIL BOX)
0	(0)	X'8'	0	DFBCDXDT	"8" IATSICD - FAILURE DURING IXZXIXDT (DETACH)

IATYDFB Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

ERROR CODES USED BY THE COMMON END OF TASK EXIT ROUTINE IN IATSICD: 11 - 20.					

End of Comment					
0	(0)	X'B'	0	DFBCDUTT	"11" UNEXPECTED TERMINATION OF AN FSS OR FSA TASK
0	(0)	X'C'	0	DFBCDUNK	"12" UNABLE TO IDENTIFY TERMINATED TASK
0	(0)	X'D'	0	DFBCDLTA	"13" LISTEN TASK ABEND DUE TO NON-ZERO RETURN CODE FROM ORDER ROUTINE (FOLLOWS DFB-1F)
Comment					

ERROR CODES USED BY THE WRITER FSA SPECIFIC CONNECT ROUTINE IATFPCC: 21 - 30.					

End of Comment					
0	(0)	X'15'	0	DFBCCACC	"21" UNABLE TO INITIALIZE FOR GETDS SPOOL ACCESS USING BLOCK SPOOLER
0	(0)	X'16'	0	DFBCCRAT	"22" UNABLE TO ESTABLISH READ-AHEAD TASK FOR FSA
0	(0)	X'17'	0	DFBCCCW7	"23" UNABLE TO ESTABLISH CHECKPOINT WRITER TASK FOR FSA
Comment					

ERROR CODES USED BY THE FSS OR FSA LISTEN TASK IATFCLT AND THE INTERFACE ROUTINES IT INVOKES: 31 - 40.					

End of Comment					
0	(0)	X'1F'	0	DFBLTORD	"31" NON-ZERO RETURN CODE RECEIVED FROM FSS OR FSA ORDER ROUTINE - ISSUED BY FSI ORDER INTERFACE ROUTINE IATFCOR
0	(0)	X'20'	0	DFBLTPOS	"32" NON-ZERO RETURN CODE RECEIVED FROM FSA POST ROUTINE - ISSUED BY FSI POST INTERFACE ROUTINE IATFCPT
0	(0)	X'21'	0	DFBCDFMB	"33" IATFCLT - FAILURE DURING IXZXIXMB (MAIL BOX BUILD FOR A FSS/FSA MAIL BOX) ISSUED BY IATSICD
0	(0)	X'22'	0	DFBCDFMC	"34" IATFCLT - FAILURE DURING IXZXIXMC (MAIL BOX CLEAR FOR A FSS/FSA MAIL BOX) ISSUED BY IATSICD
0	(0)	X'23'	0	DFBCDFRM	"35" IATFCLT - FAILURE DURING IXZXIXRM (RECEIVE MESSAGE FOR A FSS/FSA MAIL BOX)
0	(0)	X'24'	0	DFBCDFAK	"36" IATFCLT - FAILURE DURING IXZXIXAC (ACKNOWLEDGE MESSAGE FOR A FSS/FSA MAIL BOX)
0	(0)	X'25'	0	DFBCDFMD	"37" IATFCLT - FAILURE DURING IXZXIXMD (MAIL BOX DELETE FOR FSS/FSA MAILBOX)
0	(0)	X'26'	0	DFBPFSAA	"38" Stop FSA abnormal received; the FSA task is abended.

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

ERROR CODES USED BY THE CI FSS ORDER PROCESSING ROUTINE IATIIFO : 41 - 50.					

End of Comment					
0	(0)	X'29'	0	DFBFONAO	"41" FSIP WAS NOT AN ORDER TYPE
0	(0)	X'2A'	0	DFBFOIOT	"42" ORDER TYPE IS INVALID
0	(0)	X'2B'	0	DFBFOISO	"43" INVALID STOP FSS TYPE
0	(0)	X'2C'	0	DFBFOISL	"44" INVALID SRL (NO CCB FOUND)
Comment					

ERROR CODES USED BY THE WRITER FSA QUICK-CELL SERVICE ROUTINE IATFPQC : 51 - 60.					

End of Comment					
0	(0)	X'33'	0	DFBQCGIN	"51" GET INDEX REQUEST FAILURE - FIRST FREE INDEX INVALID
0	(0)	X'34'	0	DFBQCGBF	"52" GET BUFFER REQUEST FAILURE - FIRST FREE BUFFER INVALID
0	(0)	X'35'	0	DFBQCFIN	"53" FREE INDEX REQUEST FAILURE - INVALID INDEX PASSED
0	(0)	X'36'	0	DFBQCFBF	"54" FREE BUFF REQUEST FAILURE - INVALID BUFFER PASSED
Comment					

ERROR CODES USED BY THE WRITER FSA GETDS ROUTINE IATFPGD : 61 - 70.					

End of Comment					
0	(0)	X'3D'	0	DFBGDBLK	"61" BLOCK SPOOLER PARAMETER LIST ERROR READING CHECKPOINT RECORD
0	(0)	X'3E'	0	DFBGDSPA	"62" BLOCK SPOOLER SPOOL ADDRESS ERROR READING CHECKPOINT RECORD
0	(0)	X'3F'	0	DFBGDXMM	"63" BLOCK SPOOLER CROSS-MEMORY MOVE ERROR READING CHECKPOINT RECORD
Comment					

ERROR CODES USED BY THE WRITER FSA SWB-BUILDING SERVICE ROUTINE IATFPSB : 71 - 80.					

End of Comment					
0	(0)	X'47'	0	DFBSBBLK	"71" BLOCK SPOOLER PARAMETER LIST ERROR READING SWB
0	(0)	X'48'	0	DFBSBSPA	"72" BLOCK SPOOLER SPOOL ADDRESS ERROR READING SWB
0	(0)	X'49'	0	DFBSBXMM	"73" BLOCK SPOOLER CROSS-MEMORY MOVE ERROR READING SWB
0	(0)	X'4A'	0	DFBSBPUT	"74" ERROR RETURN FROM SJF PUTSWB FUNCTION
0	(0)	X'4B'	0	DFBSBUPD	"75" ERROR RETURN FROM SJF UPDATE FUNCTION
0	(0)	X'4C'	0	DFBSBDEL	"76" ERROR RETURN FROM SJF DELETESWB FUNCTION

IATYDFB Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

ERROR CODES USED BY THE WRITER FSA READ-AHEAD TASK IATFPRA : 81 - 90.					

End of Comment					
0	(0)	X'51'	0	DFBRAACC	"81" UNABLE TO INITIALIZE FOR SPOOL ACCESS USING BLOCK SPOOLER
0	(0)	X'52'	0	DFBRABLK	"82" BLOCK SPOOLER PARAMETER LIST ERROR READING DATA FROM SPOOL
0	(0)	X'53'	0	DFBRASPA	"83" BLOCK SPOOLER SPOOL ADDRESS ERROR READING DATA FROM SPOOL
0	(0)	X'54'	0	DFBRAXMM	"84" BLOCK SPOOLER CROSS-MEMORY MOVE ERROR READING DATA FROM SPOOL
0	(0)	X'55'	0	DFBRAfmt	"85" SPOOL DATA FORMAT ERROR
0	(0)	X'56'	0	DFBRAJNW	"86" JESNEWS DATA FORMAT ERROR
Comment					

ERROR CODES USED BY THE WRITER FSA CHECKPOINT WRITER TASK IATFPCW : 91 - 100.					

End of Comment					
0	(0)	X'5B'	0	DFBCWACC	"91" UNABLE TO INITIALIZE FOR SPOOL ACCESS USING BLOCK SPOOLER
0	(0)	X'5C'	0	DFBCWBLK	"92" BLOCK SPOOLER PARAMETER LIST ERROR WRITING CHECKPOINT RECORD
0	(0)	X'5D'	0	DFBCWSPA	"93" BLOCK SPOOLER SPOOL ADDRESS ERROR WRITING CHECKPOINT RECORD
0	(0)	X'5E'	0	DFBCWXMM	"94" BLOCK SPOOLER CROSS-MEMORY MOVE ERROR WRITING CHECKPOINT RECORD
Comment					

ERROR CODES USED BY THE NJE/TCP NETSERV SERVER EXITS : X'65' - X'6E'					

End of Comment					
		.11. .1.1		DFBISYIR	"X'65" DATASTREAM ERROR ON INBOUND SYSIN RECORD
		.11. .11.		DFBISYOR	"X'66" DATASTREAM ERROR ON INBOUND SYSOUT RECORD
		.11. .111		DFBOSYIR	"X'67" DATASTREAM ERROR ON OUTBOUND SYSIN RECORD
		.11. 1...		DFBOSYOR	"X'68" DATASTREAM ERROR ON OUTBOUND SYSOUT RECORD

IATYDFB Cross Reference**Name**

DFBCCACC
DFBCCCWT
DFBCCRAT
DFBCDFAK
DFBCDFMB

DFBCDFMC
DFBCDFMD
DFBCDFRM
DFBCDLT
DFBCDLTA

DFBCDMEM
DFBCDSP
DFBCDTOK
DFBCDUNK
DFBCDUTT

DFBCDXAT
DFBCDXDT
DFBCDXMB
DFBCDXMD
DFBCWACC

DFBCWBLK
DFBCWSPA
DFBCWXMM
DFBFOIOT
DFBFOISL

DFBFOISO
DFBFONAO
DFBGDBLK
DFBGDSPA
DFBGDXMM

DFBISYIR
DFBISYOR
DFBLTORD
DFBLTPOS
DFBOSYIR

DFBOSYOR
DFBPFSAA
DFBQCFBF
DFBQCFIN
DFBQCGBF

DFBQCGIN
DFBRAACC
DFBRABLK
DFBRAfmt
DFBRAJNW

DFBRASPA
DFBRAXMM
DFBSBLK
DFBSBDEL
DFBSBPUT

DFBSBSPA
DFBSBUPD
DFBSBXMM

IATYDFC Information

IATYDFC Programming Interface information

Programming Interface information

IATYDFC

End of Programming Interface information

Heading Information • IATYDFC Map

IATYDFC Heading Information

Common Name: DEVICE FENCE CONTROL BLOCK
Macro ID: IATYDFC
DSECT Name: DFCSTART, DFCENTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: NONE
Storage Attributes: Main Storage: JESPOOL
 Auxiliary Storage: JES3 spool (within the JST for the device fence job)
Size: 60 Bytes
Created by: IATINM2
Pointed to by: TVTDFCB IN IATYTVT
Serialization: NONE
Function: This data area contains information used to allocate or deallocate fenced devices for job class groups or DJC networks.

IATYDFC Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DFCSTART	
0	(0)	SIGNED	2	DFCFIXL	LENGTH OF DFCB HEADER
2	(2)	BITSTRING	1	DFCJSTID	JSTENTRY ID
3	(3)	BITSTRING	1	DFCFLG1	DFCB FLAG BYTE
Comment					

Definition of DFCFLG1.					

End of Comment					
		1...		DFCGRP	"X'80" Device fence by group (i.e. DEVPOOL specified on the GROUP statement)
		.1..		DFCEXR	"X'40" Device fence by main (i.e. device information specified in the EXRESC parameter of the GROUP statement)
		..1.		DFCDJC	"X'20" DEVICE FENCE FOR DJC NET
		...1		DFCANY	"X'10" ALLOC ALLOWED OUTSIDE FENCE
		.... 1..		DFCACT	"X'08" DEVICE FENCE IS ACTIVE
		.... .1..		DFCLAST	"X'04" Last DFCB in the chain. The setting/resetting of this flag is not maintained properly. Use DFCHAIN=0 to find last DFCB instead of using this flag.
		.... ..1.		DFCPEND	"X'02" DEVICE DEDICATION IN PROGRES
		.... ...1		DFCDIS	"X'01" DEVICE DEDICATION FAILED
4	(4)	CHARACTER	8	DFCGNAME	Job class group name or DJC network id
12	(C)	ADDRESS	4	DFCHAIN	Address of next DFCB
16	(10)	BITSTRING	1	DFCFLG2	FLAG BYTE 2
Comment					

Definition of DFCFLG2.					

End of Comment					
		1...		DFCALLO	"X'80" REQUEST DEVICE DEDICATION
		.1..		DFCUALL	"X'40" REQUEST DEVICE UNALLOCATION
		..1.		DFCBJST	"X'20" REQUEST BUILD JST
		...1		DFCJSTON	"X'10" JST BUILT FOR THIS DFCB
		.... 1..		DFCINUSE	"X'08" USED TO SYNCHRONIZE GMS/MDS
		.... .1..		DFCINDDC	"X'04" The fence associated with this DFCB was found in the DDC during a restart
		.... ..1.		DFCRF202	"X'02" Reserved flag
		.... ...1		DFCRF201	"X'01" Reserved flag
17	(11)	BITSTRING	1	DFCFLG3	Flag byte 3

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- Definition of DFCFLG3. -----					
End of Comment					
		1...		DFCJSTDS	"X'80" During a hot start with refresh, the old JST for the device fence was discarded because the new device fence definition no longer matches the old one. A new JST will be built after MDS restart.
		.1..		DFCHRUPD	"X'40" During a hot start with refresh, the spooled DFCB in the JST was updated with new information.
18	(12)	BITSTRING	1	DFCENUM	Number of device entries
19	(13)	BITSTRING	1	DFCRSVD1	Reserved for development
20	(14)	SIGNED	2	DFCTSIZ	Total size of this DFCB
22	(16)	SIGNED	2	DFCRSVD2	Reserved for development
24	(18)	SIGNED	4	DFCRESQ (0)	RQ address during fence allocation
24	(18)	CHARACTER	8	DFCNAME	Main processor name - used only during initialization
32	(20)	SIGNED	4	DFCRQM	MAIN MASK FOR ALLOCATION

Comment					
----- Device fence id. -----					
End of Comment					
36	(24)	CHARACTER	4	DFCFNCID (0)	FENCE IDENTIFIER
36	(24)	BITSTRING	1	DFCALOPT	Allocation option indicator X'FF' = Allocation ANY X'00' = Allocation GROUP/NET
37	(25)	BITSTRING	1	DFCSEQN	SEQUENCE NUMBER THIS DFCB
38	(26)	SIGNED	2	DFCCKIDX	INDEX TO CHECK POINT FDB
40	(28)	SIGNED	2	DFCVARL	LENGTH OF VARIABLE ENTRY
42	(2A)	BITSTRING	1	DFCGPSEQ	GROUP SEQUENCE NUMBER
43	(2B)	BITSTRING	1	DFCMNSEQ	MAIN PROC SEQUENCE NUMBER
44	(2C)	SIGNED	4	DFCENMSK	ENABLED MAIN MASK
48	(30)	SIGNED	4	DFCUSER	USER FIELD
52	(34)	SIGNED	4	DFCRSVS	RESERVED FOR SERVICE
56	(38)	SIGNED	4	DFCRSVD	RESERVED FOR DEVELOPMENT
60	(3C)	SIGNED	4	DFCHEND (0)	END OF DFCB HEADER
60	(3C)	BITSTRING	1	DFCHSIZ (0)	SIZE OF DFCB HEADER

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	DFCENTRY	
0	(0)	CHARACTER	8	DFCDEVT	DEVICE NAME FIELD
8	(8)	SIGNED	2	DFCDEVN	NUMBER OF DEVICES REQUIRED
10	(A)	SIGNED	2	DFCSYSI	DEVICE COUNT WORK AREA
12	(C)	SIGNED	4	DFCVEND (0)	END OF DEVICE ENTRY
12	(C)	BITSTRING	1	DFCVSIZ (0)	SIZE OF DEVICE ENTRY

IATYDFC Cross Reference

IATYDFC Cross Reference

Name

DFCACT
DFCALLO
DFCALOPT
DFCANY
DFCBJST

DFCCKIDX
DFCDEVN
DFCDEVT
DFCDIS
DFCDJC

DFCENMSK
DFCENTRY
DFCENUM
DFCEXR
DFCFIXL

DFCFLG1
DFCFLG2
DFCFLG3
DFCFNCID
DFCGNAME

DFCGPSEQ
DFCGRP
DFCHAIN
DFCHEND
DFCHRUPD

DFCHSIZ
DFCINDDC
DFCINUSE
DFCJSTDS
DFCJSTID

DFCJSTON
DFCLAST
DFCMNAME
DFCMNSEQ
DFCPEND

DFCRESQ
DFCRF201
DFCRF202
DFCRQM
DFCRSVD

DFCRSVD1
DFCRSVD2
DFCRSVS
DFCSEQN
DFCSTART

DFCSYSI
DFCTSIZE
DFCUALL
DFCUSER
DFCVARL

DFCVEND
DFCVSIZ

IATYDJR Information

IATYDJR Programming Interface information

Programming Interface information

IATYDJR

The following fields are **NOT** programming interface information:

- DJRPOST
- DJRPRE
- DJRVAROV

End of Programming Interface information

Heading Information • IATYDJR Cross Reference

IATYDJR Heading Information

Common Name: DUMP JOB MIGRATION SUPPORT SPOOL RECORD DESCRIPTOR
Macro ID: IATYDJR
DSECT Name: JDRSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Auxiliary Storage: N/A
 Subpool: 251
Size: 52 Bytes
Created by: N/A
Pointed to by: FIELD DJTDJRAD IN MODULES IATDJCR/IATDJOR
Serialization: NONE
Function: Provides the dump job translator - IATDJTR - with information about a JES3 spool resident data area and contains the translator options that are to be used when processing the data area. The data area definitions are described in module IATDJCR by a series of IATYDJR macros - one per JES3 data area - which generate an assembled-in chain of IATYDJR data areas.
 If a label is not specified on the IATYDJR macro and if no positional parameters are specified, a mapping macro will be generated for the IATYDJR data area.

IATYDJR Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DJRSTART	
0	(0)	CHARACTER	8	DJRNAME	DATA AREA NAME
8	(8)	CHARACTER	8	DJRLENNM	FIELD NAME CONTAINING LENGTH
16	(10)	ADDRESS	4	DJRCHN	ADDR OF NEXT DJRECRD ELEMENT
20	(14)	ADDRESS	4	DJRFLDS	ADDR OF FIRST DJFIELD ELEMENT
24	(18)	ADDRESS	4	DJRPRE	ADDR OF PRE-TRANSLATION EXIT
28	(1C)	ADDRESS	4	DJRPOST	ADDR OF POST-TRANSLATION EXIT
32	(20)	ADDRESS	4	DJRVARIN	ADDR OF VAR SEGMENT INPUT EXIT
36	(24)	ADDRESS	4	DJRVAROV	ADDR OF VAR SEGMENT OVERFLOW EXIT
40	(28)	SIGNED	2	DJRLEN	FIELD LENGTH
42	(2A)	SIGNED	2	DJRMAXLN	OUTPUT MAX FIELD LENGTH
44	(2C)	SIGNED	4	DJRRSVD1 (2)	RESERVED FOR DEVELOPMENT
52	(34)	SIGNED	4	DJRRSVS1 (2)	RESERVED FOR SERVICE

IATYDJR Cross Reference

Name

DJRCHN
 DJRFLDS
 DJRLEN
 DJRLENNM
 DJRMAXLN
 DJRNAME
 DJRPOST
 DJRPRE
 DJRRSVD1
 DJRRSVS1
 DJRSTART
 DJRVARIN
 DJRVAROV

IATYDJS Information

IATYDJS Programming Interface information

Programming Interface information

IATYDJS

The following fields are **NOT** programming interface information:

- DJSTPDSN
- DJSTPSYS

End of Programming Interface information

Heading Information • IATYDJS Map

IATYDJS Heading Information

Common Name: Dynamic Job Summary Table
Macro ID: IATYDJS
DSECT Name: DJSTSLOT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Auxiliary Storage: JES3 SPOOL
 Subpool: 230
Size: DJSTVSIZ
Created by: IATDYDR
Pointed to by: RQDYJFDB in IATYRSQ
 JSTDCHN in IATYJST
Serialization: None
Function: Supplies a Dynamic Job Summary Table entry for each allocated request.

IATYDJS Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DJSTSTRT	
0	(0)	BITSTRING	6	DJSTTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	DJSTCNT	USER COUNT.
8	(8)	CHARACTER	4	DJSTID	FILE ID.
12	(C)	BITSTRING	12	DJSTCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	DJSTVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	DJSTDATA (0)	START OF USER DATA AREA.
28	(1C)	CHARACTER	8	DJSTMPNM	MAIN NAME
36	(24)	SIGNED	2	DJSTAVAL	INDEX TO AVAIL SLOT
38	(26)	SIGNED	2	DJSTJOB	Compatible with DJSTJOB - see IATXJBNO macro
40	(28)	SIGNED	2	DJSRSVDH	RESERVED FOR DEVELOPMENT
42	(2A)	BITSTRING	1	DJSTMSEQ	MAIN SEQ NUM
43	(2B)	BITSTRING	1	DJSTFLAG	FLAG-- RESERVED
		1... ..		DJSTFRST	"X'80" 1ST DJST BUFFER
44	(2C)	SIGNED	2	DJSTACTV	INDEX TO ACTIVE SLOT
46	(2E)	SIGNED	2	DJSTRSV1	RESERVED FOR DEVELOPMENT
48	(30)	SIGNED	4	DJSTJOB	Binary job number
52	(34)	SIGNED	4	DJSTRSV3	RESERVED FOR USER
52	(34)	X'38'	0	DJSTHEND	*** END OF HEADER
52	(34)	X'38'	0	DJSTHSZ	"(DJSTHEND-DJSTSTRT)" HEADER SIZE

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DJSTSLOT	DJST SLOT
0	(0)	SIGNED	4	DJSTSTEP (0)	STEP ENTRY
0	(0)	BITSTRING	1	DJSTSTPN	STEP NUM OR (0 IF AVAIL)
1	(1)	BITSTRING	1	DJSTSTFG	STEP ENTRY FLAG
		1111 1111		DJSTACFL	"X'FF" ACTIVE ENTRY FLAG
2	(2)	SIGNED	2	DJSTNEXT	INDEX TO NEXT SLOT
2	(2)	X'4'	0	DJSTSEND	*** END OF STEP ENTRY
2	(2)	X'4'	0	DJSTSSIZ	"(DJSTSEND-DJSTSLOT)" STEP ENTRY SIZE
4	(4)	CHARACTER	10	DJSTDDRP (0)	DDNAME AND REL POS NUMBER
4	(4)	CHARACTER	8	DJSTDDNM	DDNAME
12	(C)	SIGNED	2	DJSTDRPN	REL POS NUMBER
14	(E)	BITSTRING	1	DJSTFLG1	DD ENTRY FLAG
		1... ..		DJDSNSHR	"X'80" REQ IS SHR
		.1..		DJSGLSUR	"X'40" DS HAS SGL USER
		..1.		DJDSNAL	"X'20" DS ALLOC'D BY DYNAL
		...1		DJVOLAL	"X'10" VOL ALLOC'D BY DYNAL
		.... 1...		DJDEVAL	"X'08" DEVICE ALLOC'D BY DYNAL
		.... .1..		DJDSNUN	"X'04" DS UNALLOC'D BY DYNAL
		.... ..1.		DJVOLUN	"X'02" VOL UNALLOC'D BY DYNAL
		.... ...1		DJDEVUN	"X'01" DEVICE UNALLOC'D BY DYNAL
15	(F)	BITSTRING	1	DJSTFLG2	FLAG 2 OF DD ENTRY

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		1... ..		DJSBDSAL	"X'80" BYPASS DATA SET ALLOCATION 0421 FOR THIS REQUEST 0421
		.... ..1.		DJSTSMS	"X'02" SMS MANAGED DATASET REQUEST
16	(10)	SIGNED	4	DJSTPSYS	SYSUNITS ENTRY ADDRESS
20	(14)	SIGNED	4	DJSTPDSN	SETDSN ENTRY ADDRESS
24	(18)	SIGNED	4	DJSTRTAD	RET ADDR IN UNALLOC SUBRTN FROM THE ERROR HANDLER
28	(1C)	CHARACTER	6	DJSTVOL	VOLSER
34	(22)	CHARACTER	45	DJSTDSNM (0)	LENGTH BYTE + DSNAME
34	(22)	CHARACTER	1	DJSTDLEN	LENGTH OF DSNAME
35	(23)	CHARACTER	44	DJSTDNAM	DSNAME
79	(4F)	CHARACTER	4	DJSTUADR	DEVICE NUMBER IN EBCDIC
83	(53)	BITSTRING	5	DJSTRES	RESERVED FOR DEVELOPMENT
88	(58)	SIGNED	4	DJSTRESV	RESERVED FOR USER
88	(58)	X'5C'	0	DJSTDEND	*** END OF DD ENTRY
88	(58)	X'58'	0	DJSTDSIZ	"(DJSTDEND-DJSTDDNM)" DD ENTRY SIZE
88	(58)	X'5C'	0	DJSTVSIZ	"(DJSTDEND-DJSTSLOT)" SLOT SIZE

IATYDJS Cross Reference

Name

DJDEVAL
 DJDEVUN
 DJDSNAL
 DJDNSHR
 DJDSNUN

 DJSBDSAL
 DJSGLUSR
 DJRSVDH
 DJSTACFL
 DJSTACTV

 DJSTAVAL
 DJSTCHN
 DJSTCNT
 DJSTDATA
 DJSTDDNM

 DJSTDDRP
 DJSTDEND
 DJSTDLEN
 DJSTDNAM
 DJSTDRPN

 DJSTDSIZ
 DJSTDSNM
 DJSTFLAG
 DJSTFLG1
 DJSTFLG2

 DJSTFRST
 DJSTHEND
 DJSTHSZ
 DJSTID
 DJSTJOBC

 DJSTJOBN
 DJSTMPNM
 DJSTMSEQ
 DJSTNEXT
 DJSTPDSN

 DJSTPSYS
 DJSTRES
 DJSTRESV
 DJSTRSV1
 DJSTRSV3

IATYDJS Cross Reference

Name

DJSTRTAD
DJSTSEND
DJSTSLOT
DJSTSMS
DJSTSSIZ

DJSTSTEP
DJSTSTFG
DJSTSTPN
DJSTSTRT
DJSTTRK

DJSTUADR
DJSTVLID
DJSTVOL
DJSTVSIZ
DJVOLAL
DJVOLUN

IATYDLA Information

IATYDLA Heading Information

Common Name: DLOG Address Space Data Area
Macro ID: IATYDLA
DSECT Name: DLASTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: DLA
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 0
Size: DLASIZE bytes
Created by: IATCNDIN
Pointed to by: Register 9 in DLOG related modules
 DLOGDLA in IATYDLOG
Serialization: NONE
Function: This macro maps the data that is used by the DLOG task in the JES3 DLOG address space.

IATYDLA Map

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
0	(0)	STRUCTURE	0	DLASTART	, DLOG Address Space Data	
0	(0)	CHARACTER	4	DLAID	Control Block Id	
4	(4)	SIGNED	4	DLAALETP (16)	Used to initialize access registers to the primary address space	
72	(48)	DBL WORD	8	DLADWORK	Doubleword work area	
80	(50)	DBL WORD	8	DLADWRK2	Doubleword work area two	
Comment						
Save Areas.						
End of Comment						
88	(58)	SIGNED	4	DLASAVE (18)	Standard Save Area	
160	(A0)	SIGNED	4	DLARTSAV (16)	Called routine save area	
224	(E0)	ADDRESS	4	DLACPSAV	Control program save area address	
Comment						
Control Block and Routine Addresses.						
End of Comment						
228	(E4)	ADDRESS	4	DLASSVT	SSVT address	
232	(E8)	ADDRESS	4	DLACNDIT	DLOG initialization and termination routine (IATCNDIT)	
236	(EC)	ADDRESS	4	DLACNDRR	DLOG recovery routine (IATCNDRR)	
240	(F0)	ADDRESS	4	DLACNDMS	DLOG message processing routine (IATCNDMS)	
244	(F4)	ADDRESS	4	DLACNDAL	DLOG alert processing routine (IATCNDAL)	
248	(F8)	ADDRESS	4	DLACNDFM	DLOG JES3 message formatting routine (IATCNDFM)	
Comment						
ECB Related Information.						

ECB List Used by DLOG Task.						

End of Comment						
252	(FC)	SIGNED	4	DLAECBLS (0)	ECB List Used for WAIT	
252	(FC)	ADDRESS	4	DLAEAALR	Address of ALERT ECB	
256	(100)	ADDRESS	4	DLAEMATIM	Address of timer ECB	

IATYDLA Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
260	(104)	ADDRESS	4	DLAEAMSG	Address of message ECB
264	(108)	ADDRESS	4	DLAEACOM	Address of the JES3 to DLOG communication ECB. This ECB is located within the DLOG Common Data Area

Comment

 ECBs Used by DLOG Task (with exception of the JES3 to DLOG communication ECB).

End of Comment

268	(10C)	SIGNED	4	DLAALECB	Alert ECB - posted when the message data base becomes full
272	(110)	SIGNED	4	DLATMECB	Timer ECB - posted when a specified time elapses.
276	(114)	SIGNED	4	DLAMSECB	Message ECB - posted when a message arrives for the extended MCS console

Comment

Trace Related Information.

End of Comment

280	(118)	BITSTRING	1	DLATRWRK	Trace entry work area
-----	-------	-----------	---	----------	-----------------------

Comment

LAXDLTR IATXDLTR FUNC=TRACE, IATXDLTR Parameter List
 MF=L
 \$Q0= SYSOPER HJS5521 941208 PD0DR: SP 5.2.1

End of Comment

344	(158)	SIGNED	4	DLAXDLTR (0)	IATXDLTR List Form
344	(158)	ADDRESS	4		Trace table header address
348	(15C)	CHARACTER	8		Caller of trace service
356	(164)	CHARACTER	8		Event identifier
364	(16C)	ADDRESS	4		Event specific data address
368	(170)	SIGNED	2		Event specific data length
370	(172)	SIGNED	2		Reserved
370	(172)	X'1C'	0	DLADLTSZ	**-DLAXDLTR" Size of parameter list

Comment

DLOG Initialization/Termination Related Information.

 Parameter lists used to initialize/terminate the DLOG extended console.

MCSOPER MF=(L,DLAMCSOP) MCSOPER List Form
 MACDATE -08/02/22-<1>

End of Comment

0	(0)	X'178'	0	M00M0007	"DLAMCSOP" ++ MCSOPER NAME
376	(178)	DBL WORD	8	DLAMCSOP (0)	++ MCSOPER PARM LIST
376	(178)	CHARACTER	4	DLAMCSOP_XACRO	++ CONSTANT
380	(17C)	BITSTRING	1	DLAMCSOP_XVERSION	++ INPUT XVERSION
381	(17D)	BITSTRING	1	DLAMCSOP_XREQUEST	++ XREQUEST
381	(17D)	X'1'	0	DLAMCSOP_ACTIVATE	"1" ++ XREQUEST.ACTIVATE KEYWORD
381	(17D)	X'2'	0	DLAMCSOP_DEACTIVATE	"2" ++ XREQUEST.DEACTIVATE KEYWORD
381	(17D)	X'3'	0	DLAMCSOP_RELEASE	

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
382	(17E)	BITSTRING	1	DLAMCSOP_XFLAG	"3" ++ XREQUEST.RELEASE KEYWORD
		1...		DLAMCSOP_XABTERM_YES	++ FIELD_LABEL
		.1..		DLAMCSOP_KEYUSED_MIGID	"B'10000000" ++ XABTERM.YES KEYWORD
		..1.		DLAMCSOP_XMIGIDREL_AUTO	"B'01000000" ++ KEYUSED.MIGID KEYWORD
		...1		DLAMCSOP_KEYUSED_NAME	"B'00100000" ++ XMIGIDREL.AUTO KEYWORD
383	(17F)	CHARACTER	1	DLAMCSOP_XRSV0001	"B'00010000" ++ KEYUSED.NAME KEYWORD
384	(180)	ADDRESS	4	DLAMCSOP_XOPERPARM	++ RESERVED
388	(184)	CHARACTER	8	DLAMCSOP_XNAME	++
396	(18C)	CHARACTER	8	DLAMCSOP_XTERMNAME	++
404	(194)	SIGNED	4	DLAMCSOP_XCONSID	++
408	(198)	SIGNED	4	DLAMCSOP_XQLIMIT	++
412	(19C)	SIGNED	4	DLAMCSOP_XMCSCSAA	++
416	(1A0)	ADDRESS	4	DLAMCSOP_XMCSCSA	++
420	(1A4)	CHARACTER	4	DLAMCSOP_XRSV0002	++ RESERVED
424	(1A8)	ADDRESS	4	DLAMCSOP_XMSGECB	++
428	(1AC)	ADDRESS	4	DLAMCSOP_XALERTECB	++
432	(1B0)	BITSTRING	1	DLAMCSOP_XMIGID	++
433	(1B1)	BITSTRING	1	DLAMCSOP_XALERTPCT	++
434	(1B2)	BITSTRING	1	DLAMCSOP_XQRESUME	++
435	(1B3)	BITSTRING	1	DLAMCSOP_XMSGDLVRY	++ XMSGDLVRY
435	(1B3)	X'80'	0	DLAMCSOP_FIFO	"128" ++ XMSGDLVRY.FIFO KEYWORD
435	(1B3)	X'40'	0	DLAMCSOP_SEARCH	"64" ++ XMSGDLVRY.SEARCH KEYWORD
435	(1B3)	X'20'	0	DLAMCSOP_NONE	"32" ++ XMSGDLVRY.NONE KEYWORD
436	(1B4)	CHARACTER	16	DLAMCSOP_XRSV0003	++ RESERVED
436	(1B4)	X'4C'	0	DLAMCSOPL	"*-DLAMCSOP" ++ LENGTH OF PLIST

Comment

MCSOPER-1

End of Comment

0	(0)	X'4C'	0	DLAMOPSZ	"*-DLAMCSOP" Size of parameter list
452	(1C4)	BITSTRING	68	DLAOPPRM	MCSOPER OPERPARM Mapping
520	(208)	BITSTRING	1	DLAMSCOP (0)	Message scope (MSCOPE) table

IATYDLA Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

CPOOL Parameter List.					

LACPOOL CPOOL BUILD, CPOOL Parameter List					
MF=L					
End of Comment					
780	(30C)	SIGNED	2	DLACPOOL (0)	
780	(30C)	ADDRESS	4		.PRIMARY CELL COUNT
784	(310)	ADDRESS	4		.SECONDARY CELL COUNT
788	(314)	ADDRESS	4		.CELL SIZE
792	(318)	ADDRESS	1		.SUBPOOL ID
793	(319)	ADDRESS	1		.KEY
794	(31A)	BITSTRING	2		
796	(31C)	ADDRESS	4		.TCB ADDRESS
800	(320)	BITSTRING	24		.HEADER
800	(320)	X'2C'	0	DLACPLSZ	** -DLACPOOL" Size of parameter list
Comment					

ESTAEX Parameter List.					

LAESTAX ESTAEX MF=L ESTAEX Parameter List					
End of Comment					
824	(338)	SIGNED	4	(0)	
824	(338)	ADDRESS	1	DLAESTAX	FLAGS FOR ESTAEX
825	(339)	ADDRESS	1		SECOND FLAG BYTE
826	(33A)	ADDRESS	1		THIRD FLAG BYTE
827	(33B)	ADDRESS	1		VERSION NUMBER
828	(33C)	ADDRESS	4		TOKEN VALUE AREA
832	(340)	ADDRESS	4		PARM. LIST ADDR. NOT SPECIFIED
836	(344)	ADDRESS	4		ALET FOR PARM LIST
840	(348)	ADDRESS	4		EXIT ADDR NOT SPECED
840	(348)	X'14'	0	DLAESXSZ	** -DLAESTAX" Size of parameter list
Comment					

JESXCF related parameter lists.					

IXZXIXAT MF=(L,DLAXIXAT) IXZXIXAT Parameter List					
MACDATE -00/01/11-<6>					
End of Comment					
0	(0)	X'350'	0	M00M0016	"DLAXIXAT" ++ IXZXIXAT NAME
848	(350)	DBL WORD	8	DLAXIXAT (0)	++ IXZXIXAT PARM LIST
848	(350)	BITSTRING	1	DLAXIXAT_XVERSION	
					++ INPUT XVERSION
849	(351)	CHARACTER	6	DLAXIXAT_XEYECATCH	
					++ CONSTANT
855	(357)	CHARACTER	1	DLAXIXAT_XRSV0001	
					++ RESERVED
856	(358)	CHARACTER	8	DLAXIXAT_XGROUP	
					++
864	(360)	CHARACTER	16	DLAXIXAT_XMEMBER	
					++
880	(370)	CHARACTER	8	DLAXIXAT_XRELEASE	
					++
888	(378)	SIGNED	4	DLAXIXAT_XMAINTLVL	
					++ CONSTANT

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
892	(37C)	SIGNED	4	DLAXIXAT_XGROUPTOKEN	++
896	(380)	BITSTRING	1	DLAXIXAT_XFLAG1	++ FIELD_LABEL
		1...		DLAXIXAT_XWHICHJES_JES2	"B'10000000" ++ XWHICHJES.JES2 KEYWORD
		.1..		DLAXIXAT_XWHICHJES_JES3	"B'01000000" ++ XWHICHJES.JES3 KEYWORD
		..1.		DLAXIXAT_XWHICHJES_J3FSS	"B'00100000" ++ XWHICHJES.J3FSS KEYWORD
		...1		DLAXIXAT_XWHICHJES_INIT	"B'00010000" ++ XWHICHJES.INIT KEYWORD
		.... 1..		DLAXIXAT_XWHICHJES_COMMON	"B'00001000" ++ XWHICHJES.COMMON KEYWORD
		.... .1..		DLAXIXAT_XWHICHJES_J3CIFSS	"B'00000100" ++ XWHICHJES.J3CIFSS KEYWORD
		.... ..1.		DLAXIXAT_XWHICHJES_J2SPOOL	"B'00000010" ++ XWHICHJES.J2SPOOL KEYWORD
897	(381)	BITSTRING	1	DLAXIXAT_XFLAG2	++ FIELD_LABEL
		1...		DLAXIXAT_XJ3CONNECT_NO	"B'10000000" ++ XJ3CONNECT.NO KEYWORD
		.1..		DLAXIXAT_XJ3CONNECT_YES	"B'01000000" ++ XJ3CONNECT.YES KEYWORD
898	(382)	CHARACTER	2	DLAXIXAT_XRSV0002	++ RESERVED
900	(384)	SIGNED	4	DLAXIXAT_XDIAG	++
904	(388)	CHARACTER	8	DLAXIXAT_XLINKPARMS	++ FIELD_LABEL
904	(388)	X'40'	0	DLAXIXATL	** -DLAXIXAT" ++ LENGTH OF PLIST
Comment					
IXZXIXAT-6					
End of Comment					
0	(0)	X'40'	0	DLAXATSZ	** -DLAXIXAT" Size of parameter list
Comment					
IXZXIXMB MF=(L,DLAXIXMB) IXZXIXMB Parameter List MACDATE -93/05/10-<1>					
End of Comment					
912	(390)	SIGNED	2	M00M0017 (0)	IXZXIXMB-1
912	(390)	DBL WORD	8	DLAXIXMB (0)	++ IXZXIXMB PARM LIST
912	(390)	BITSTRING	1	DLAXIXMB_XVERSION	++ INPUT XVERSION
913	(391)	CHARACTER	6	DLAXIXMB_XEYECATCH	++ CONSTANT XEYECATCH
919	(397)	CHARACTER	1	DLAXIXMB_XRSV0001	++ RESERVED XRSV0001
920	(398)	CHARACTER	16	DLAXIXMB_XMBOXNAME	++ XMBOXNAME
936	(3A8)	ADDRESS	4	DLAXIXMB_XPOSTXIT	++ XPOSTXIT
940	(3AC)	ADDRESS	4	DLAXIXMB_XPOSTDATA	++ XPOSTDATA
944	(3B0)	SIGNED	4	DLAXIXMB_XPOSTALET	++ XPOSTALET
948	(3B4)	SIGNED	4	DLAXIXMB_XGROUPTOKEN	++ XGROUPTOKEN
952	(3B8)	BITSTRING	1	DLAXIXMB_XSYSEVENTS	++ FIELD_LABEL

IATYDLA Map

Offsets		Type/Value 1... ..	Len	Name (Dim)	Description
Dec	Hex				
		.1... ..		DLAXIXMB_XSYSEVENT_YES	"B'10000000" ++ XSYSEVENT.YES KEYWORD
		.1... ..		DLAXIXMB_XSYSEVENT_NO	"B'01000000" ++ XSYSEVENT.NO KEYWORD
952	(3B8)	X'29'	0	DLAXIXMBL	** -DLAXIXMB" ++ LENGTH OF PLIST

Comment

IXZXIXMB-1

End of Comment

0	(0)	X'29'	0	DLAXIMBSZ	** -DLAXIXMB" Size of parameter list
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Comment

IXZXIXMD MF=(L,DLAXIXMD) IXZXIXMD Parameter List
MACDATE -93/05/10-<1>

End of Comment

954	(3BA)	SIGNED	2	M00M0018 (0)	IXZXIXMD-1
960	(3C0)	DBL WORD	8	DLAXIXMD (0)	++ IXZXIXMD PARM LIST
960	(3C0)	BITSTRING	1	DLAXIXMD_XVERSION	++ INPUT XVERSION
961	(3C1)	CHARACTER	6	DLAXIXMD_XEYECATCH	++ CONSTANT XEYECATCH
967	(3C7)	BITSTRING	1	DLAXIXMD_XSTB	++ INPUT
		1... ..		DLAXIXMD_XSTB_NO	"B'10000000" ++ XSTB.NO KEYWORD
		.1... ..		DLAXIXMD_XSTB_YES	"B'01000000" ++ XSTB.YES KEYWORD
968	(3C8)	CHARACTER	16	DLAXIXMD_XMBOXNAME	++ XMBOXNAME
984	(3D8)	SIGNED	4	DLAXIXMD_XGROUPTOKEN	++ XGROUPTOKEN
984	(3D8)	X'1C'	0	DLAXIXMDL	** -DLAXIXMD" ++ LENGTH OF PLIST

Comment

IXZXIXMD-1

End of Comment

0	(0)	X'1C'	0	DLAXIMDSZ	** -DLAXIXMD" Size of parameter list
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Comment

IXZXIXDT MF=(L,DLAXIXDT) IXZXIXDT Parameter List
MACDATE -00/02/02-<1>

End of Comment

0	(0)	X'3E0'	0	M00M0019	"DLAXIXDT" ++ IXZXIXDT NAME
992	(3E0)	DBL WORD	8	DLAXIXDT (0)	++ IXZXIXDT PARM LIST
992	(3E0)	BITSTRING	1	DLAXIXDT_XVERSION	++ INPUT XVERSION
993	(3E1)	CHARACTER	6	DLAXIXDT_XEYECATCH	++ CONSTANT XEYECATCH
999	(3E7)	CHARACTER	1	DLAXIXDT_XRSV0001	++ RESERVED XRSV0001
1000	(3E8)	ADDRESS	4	DLAXIXDT_XGROUPTOKEN	++ XGROUPTOKEN
1004	(3EC)	CHARACTER	8	DLAXIXDT_XLINKPARMS	++ FIELD_LABEL XLINKPARMS
1004	(3EC)	X'14'	0	DLAXIXDTL	** -DLAXIXDT" ++ LENGTH OF PLIST

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
IXZXIXDT-1					
End of Comment					
0	(0)	X'14'	0	DLAXDTSZ	** -DLAXIXDT" Size of parameter list
Comment					

POST Parameter List.					

DLAPOST POST MF=L Post Parameter List MACDATE 03/11/11					
End of Comment					
1012	(3F4)	ADDRESS	4	DLAPOST	. 1ST WORD - ECB ADDRESS
1016	(3F8)	ADDRESS	4		. 2ND WORD - ASCB ADDRESS
1020	(3FC)	ADDRESS	4		. 3RD WORD - ERRET ADDRESS
1020	(3FC)	X'C'	0	DLAPSTSZ	** -DLAPOST" Size of parameter list
Comment					

RESMGR related information.					

End of Comment					
1024	(400)	SIGNED	4	DLARMTKN	DLOG task RESMGR token
Comment					

LARESMSG RESMGR ADD, RESMGR Parameter List MF=L					
End of Comment					
1028	(404)	SIGNED	4	DLARESMSG (0)	LIST NAME
1028	(404)	BITSTRING	1		VERSION NUMBER
1029	(405)	BITSTRING	1		FLAGS BYTE
1030	(406)	BITSTRING	1		LINKAGE TYPE
1031	(407)	BITSTRING	1		REQUEST=ADD
1032	(408)	BITSTRING	2		RESERVED
1034	(40A)	SIGNED	2		ASID
1036	(40C)	ADDRESS	4		TCB ADDRESS
1040	(410)	ADDRESS	4		ROUTINE ADDRESS
1044	(414)	ADDRESS	4		TOKEN ADDRESS
1048	(418)	ADDRESS	4		ECB ADDRESS
1052	(41C)	ADDRESS	4		PARAM ADDRESS
1056	(420)	ADDRESS	4		TOKEN ADDRESS
1056	(420)	X'20'	0	DLARESSZ	** -DLARESMSG" Size of parameter list
Comment					

Message/WTL Processing Information.					

MCSOPMSG Parameter List.					

MCSOPMSG MF=(L,DLAMCSOM) MCSOPMSG List Form MACDATE -05/04/15-<2>					
End of Comment					
0	(0)	X'428'	0	M00M0023	"DLAMCSOM" ++ MCSOPMSG NAME
1064	(428)	DBL WORD	8	DLAMCSOM (0)	++ MCSOPMSG PARM LIST
1064	(428)	CHARACTER	4	DLAMCSOM_XACRO	

IATYDLA Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
1068	(42C)	BITSTRING	1	DLAMCSOM_XVERSION	++ CONSTANT
1069	(42D)	BITSTRING	1	DLAMCSOM_XREQUEST	++ INPUT XVERSION
1069	(42D)	X'1'	0	DLAMCSOM_GETMSG	++ XREQUEST
1069	(42D)	X'2'	0	DLAMCSOM_RESUME	"1" ++ XREQUEST.GETMSG KEYWORD
1070	(42E)	BITSTRING	1	DLAMCSOM_XCMDRESP	"2" ++ XREQUEST.RESUME KEYWORD
					++ INPUT
		1...		DLAMCSOM_XCMDRESP_YES	"B'10000000" ++ XCMDRESP.YES KEYWORD
		.1..		DLAMCSOM_XCMDRESP_NO	"B'01000000" ++ XCMDRESP.NO KEYWORD
		..1.		DLAMCSOM_KEYUSED_CMDRESP	"B'00100000" ++ KEYUSED.CMDRESP KEYWORD
		...1		DLAMCSOM_KEYUSED_CART	"B'00010000" ++ KEYUSED.CART KEYWORD
		.... 1...		DLAMCSOM_KEYUSED_MASK	"B'00001000" ++ KEYUSED.MASK KEYWORD
		.... .1..		DLAMCSOM_KEYUSED_NAME	"B'00000100" ++ KEYUSED.NAME KEYWORD
1071	(42F)	CHARACTER	1	DLAMCSOM_XRSV0001	++ RESERVED
1072	(430)	CHARACTER	8	DLAMCSOM_XCART	++
1080	(438)	CHARACTER	8	DLAMCSOM_XMASK	++
1088	(440)	SIGNED	4	DLAMCSOM_XCONSID	++
1092	(444)	CHARACTER	4	DLAMCSOM_XRSV0002	++ RESERVED
1092	(444)	X'448'	0	DLAMCSOM_PL_END	*** ++ END OF BASE PLIST
1092	(444)	X'20'	0	DLAMCSOML	** -DLAMCSOM" ++ LENGTH OF PLIST

Comment

MCSOPMSG-2

End of Comment

0	(0)	X'20'	0	DLAMOMSZ	** -DLAMCSOM" Size of parameter list
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Comment

 Cellpool id for cellpool to contain formatted messages.

End of Comment

1096	(448)	SIGNED	4	DLAMSCID	Message cellpool id
------	-------	--------	---	----------	---------------------

Comment

 Parameter List Passed to the DLOG message formatting routine IATCNDFM. It is mapped by macro IATYCNDF.

End of Comment

1100	(44C)	BITSTRING	8	DLAFMPRM	IATCNDFM parameter list
1108	(454)	BITSTRING	16	DLATFPRM	MDB to JES3 DLOG text formatting parameter list
1124	(464)	ADDRESS	4	DLAMSGQA	Formatted message queue anchor

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

WTL Buffer (mapped by IEEZB885).					

End of Comment					
1128	(468)	BITSTRING	1	DLAWTLB	WTL buffer (mapped by IEEMB885)
Comment					

MDB Information from MCSOPMSG.					

End of Comment					
1260	(4EC)	ADDRESS	4	DLAMDADR	MDB address
1264	(4F0)	SIGNED	4	DLAMDALT	MDB ALET
Comment					

WTL SSIB Information.					

End of Comment					
1268	(4F4)	ADDRESS	4	DLASSIB	Life of job SSIB address
1272	(4F8)	CHARACTER	4	DLASSNM	Subsystem name in life of job SSIB before we changed it to JES3 prior to the WTL
Comment					

STIMERM related information.					

End of Comment					
1276	(4FC)	SIGNED	4	DLASTMID	STIMERM request identifier
Comment					
LASTIMR STIMERM SET, STIMERM Parameter List					
MF=L					
MACDATE = 08/19/88					
End of Comment					
1280	(500)	BITSTRING	24	DLASTIMR	REMOTE STIMERM SET PARM LIST
1280	(500)	X'18'	0	DLASTMSZ	"*-DLASTIMR" Size of parameter list
Comment					
Alert Processing Information.					
End of Comment					
1304	(518)	ADDRESS	4	DLACSAAD	Console Status Area address
1308	(51C)	SIGNED	4	DLACSAAL	Console Status Area ALET
1312	(520)	SIGNED	4	DLAALDOM	Alert message DOM id

IATYDLA Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

WTO Parameter List.					

DLAWTO WTO TEXT=, WTO Parameter List					
MF=L					
End of Comment					
1316	(524)	SIGNED	4	DLAWTO (0)	
1316	(524)	ADDRESS	2		TEXT LENGTH
1318	(526)	BITSTRING	2		MCSFLAGS
1320	(528)	ADDRESS	4		MESSAGE TEXT ADDRESS
1324	(52C)	ADDRESS	1		VERSION LEVEL
1325	(52D)	BITSTRING	1		MISCELLANEOUS FLAGS
1326	(52E)	ADDRESS	1		REPLY LENGTH
1327	(52F)	ADDRESS	1		LENGTH OF WPX
1328	(530)	BITSTRING	2		EXTENDED MCS FLAGS
1330	(532)	ADDRESS	2		RESERVED
1332	(534)	ADDRESS	4		REPLY BUFFER ADDRESS
1336	(538)	ADDRESS	4		REPLY ECB ADDRESS
1340	(53C)	ADDRESS	4		CONNECT ID
1344	(540)	BITSTRING	2		DESCRIPTOR CODES
1346	(542)	ADDRESS	2		RESERVED
1348	(544)	BITSTRING	16		
1364	(554)	BITSTRING	2		MESSAGE TYPE
1366	(556)	ADDRESS	2		MESSAGE'S PRIORITY
1368	(558)	CHARACTER	8		JOB ID
1376	(560)	CHARACTER	8		JOB NAME
1384	(568)	CHARACTER	8		RETRIEVAL KEY
1392	(570)	ADDRESS	4		TOKEN FOR DOM
1396	(574)	ADDRESS	4		CONSOLE ID
1400	(578)	CHARACTER	8		SYSTEM NAME
1408	(580)	CHARACTER	8		CONSOLE NAME
1416	(588)	ADDRESS	4		REPLY CONSOLE NAME/ID ADDR
1420	(58C)	ADDRESS	4		CART ADDRESS
1424	(590)	ADDRESS	4		WSPARM ADDRESS
1424	(590)	X'70'	0	DLAWTOSZ	**DLAWTO" Size of parameter list
Comment					

Recovery Routine Information.					

SDUMPX data space storage list. This information is used to dump the message data space when recovery processing determines that field DLAMDBAL contains an ALET.					

End of Comment					
1428	(594)	SIGNED	4	DLASTLST (0)	SDUMPX Storage List
1428	(594)	SIGNED	4	DLALSTLN	Length of entire list
1432	(598)	BITSTRING	8	DLAMSTKN	Message data space STOKEN
1440	(5A0)	SIGNED	4	DLARNGCT	Number of storage ranges to be dumped
1444	(5A4)	ADDRESS	4	DLARNGST	Starting address of storage to be dumped
1448	(5A8)	ADDRESS	4	DLARNGEN	Ending address of storage to be dumped
1448	(5A8)	X'18'	0	DLASTLEN	**DLASTLST" Length of storage list

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Comment					
----- ALESERV Parameter List - used to convert the message data space ALET to an STOKEN. -----					
LAALESV ALESERV MF=L ALESERV Parameter List MACDATE = 06/13/1996					
----- End of Comment					
1452	(5AC)	SIGNED	4	DLAALESV (0)	.ALESERV PC PARAMETER LIST
1452	(5AC)	BITSTRING	1		.SERVICE TYPE CODE
1453	(5AD)	BITSTRING	1		.OPTIONS FLAG BYTE
1454	(5AE)	ADDRESS	2		.RESERVED
1456	(5B0)	ADDRESS	4		.ALET
1460	(5B4)	BITSTRING	8		.STOKEN (SPACE TOKEN)
1460	(5B4)	X'10'	0	DLAALESZ	**DLAALESV" Size of parameter list
----- Comment					
----- ECB used to wait for dump to complete. -----					
----- End of Comment					
1468	(5BC)	SIGNED	4	DLADPECB	Dump ECB
----- Comment					
----- SDUMPX Parameter List. -----					
LASDMPX SDUMPX MF=L, SDUMPX Parameter List SDATA=(LSQA,RGN,TRT,LPA,CSA)					
----- End of Comment					
1472	(5C0)	SIGNED	4	DLASDMPX (0)	SDUMP PARAMETER LIST
1472	(5C0)	ADDRESS	1		FLAG BYTE
1473	(5C1)	ADDRESS	1		FLAG BYTE
1474	(5C2)	ADDRESS	1		FLAG BYTE
1475	(5C3)	ADDRESS	1		FLAG BYTE
1476	(5C4)	ADDRESS	4		ADDRESS OF DCB
1480	(5C8)	ADDRESS	4		ADDRESS OF STORAGE LIST
1484	(5CC)	ADDRESS	4		ADDRESS OF USER DATA
1488	(5D0)	ADDRESS	4		ADDRESS OF ECB/SRB
1492	(5D4)	ADDRESS	2		CURRENT ASID
1494	(5D6)	ADDRESS	2		OTHER ASID
1496	(5D8)	ADDRESS	4		ADDRESS OF ASID LIST
1500	(5DC)	ADDRESS	4		ADDRESS OF SUMLIST/SUMLSTA LIST
1504	(5E0)	ADDRESS	4		RESERVED
1508	(5E4)	ADDRESS	4		RESERVED
1512	(5E8)	ADDRESS	1		FLAG BYTE
1513	(5E9)	ADDRESS	1		CONTROL FLAG BYTE
1514	(5EA)	ADDRESS	1		TYPE FLAG BYTE
1515	(5EB)	ADDRESS	1		VERSION
1516	(5EC)	ADDRESS	1		EXIT FLAG BYTE
1517	(5ED)	ADDRESS	1		EXIT FLAG BYTE
1518	(5EE)	ADDRESS	1		SDATA OPTIONS
1519	(5EF)	ADDRESS	1		RESERVED SDATA OPTIONS
1520	(5F0)	ADDRESS	4		ADDRESS OF SUBPLST
1524	(5F4)	ADDRESS	4		ADDRESS OF KEYLST
1528	(5F8)	ADDRESS	4		RESERVED
1532	(5FC)	ADDRESS	4		ALET OF DCB PARAMETER
1536	(600)	ADDRESS	4		ALET OF STORAGE PARAM

IATYDLA Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1540	(604)	ADDRESS	4		ALET OF HDR PARAMETER
1544	(608)	ADDRESS	4		ALET OF ASIDLST PARAM
1548	(60C)	ADDRESS	4		ALET OF SUMLIST PARAM
1552	(610)	ADDRESS	4		ALET OF SUBPLST PARAM
1556	(614)	ADDRESS	4		ALET OF KEYLIST PARAM
1560	(618)	ADDRESS	4		No LIST64/LISTD
1564	(61C)	ADDRESS	4		No ALET for LISTD/LIST64
1568	(620)	ADDRESS	4		No SUMLSTL or SUMLIST64
1572	(624)	ADDRESS	4		ALET SUMLSTL or SUMLIST64
1576	(628)	ADDRESS	4	(2)	RESERVED
1576	(628)	X'70'	0	DLASDXSZ	** -DLASDMPX" Size of parameter list
Comment					
Flags.					
End of Comment					
1584	(630)	BITSTRING	1	DLAFLAG1	Flag one
Comment					
----- Definition of DLAFLAG1. -----					
End of Comment					
		1... ..		DLAINITA	"X'80" DLOG initialization routine is active
		.1.. ..		DLATERMA	"X'40" DLOG termination routine is active
		..1.		DLARECVR	"X'20" DLOG recovery routine is active
		...1		DLARESMS	"X'10" Message processing can be resumed (set by STIMER exit)
		.... 1...		DLANODMP	"X'08" Recovery routine should not take a dump for this error
		.... .1..		DLARF104	"X'04" Reserved flag
		.... ..1.		DLARF102	"X'02" Reserved flag
		.... ...1		DLARF101	"X'01" Reserved flag
1585	(631)	BITSTRING	1	DLAFLAG2	Flag two
Comment					
----- Definition of DLAFLAG2. -----					
End of Comment					
		1... ..		DLARF280	"X'80" Reserved flag
		.1.. ..		DLARF240	"X'40" Reserved flag
		..1.		DLARF220	"X'20" Reserved flag
		...1		DLARF210	"X'10" Reserved flag
		.... 1...		DLARF208	"X'08" Reserved flag
		.... .1..		DLARF204	"X'04" Reserved flag
		.... ..1.		DLARF202	"X'02" Reserved flag
		.... ...1		DLARF201	"X'01" Reserved flag
1586	(632)	BITSTRING	6	DLAFLRSV	Reserved for flags
Comment					
End of the DLA.					
End of Comment					
1592	(638)	DBL WORD	8	DLAEND (0)	End of DLOG address space data
1592	(638)	X'638'	0	DLASIZE	"DLAEND-DLASTART" Size of DLOG address space data

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
DLOG Task Related Equates.					

IATCNDIT function codes (passed in register zero).					

End of Comment					
1592	(638)	X'1'	0	DLAITINT	"1" Task initialization request
1592	(638)	X'2'	0	DLAITTRM	"2" Termination request
1592	(638)	X'2'	0	DLAITFMX	"2" Maximum function code
Comment					

IATCNDAL function codes (passed in register zero).					

End of Comment					
1592	(638)	X'1'	0	DLAALPST	"1" Alert post request - used when the ALERT ECB has been posted
1592	(638)	X'2'	0	DLAALCHK	"2" Alert check request - used when alert mode is active to determine if we still need to be in alert mode
1592	(638)	X'2'	0	DLAALFMX	"2" Maximum function code
Comment					

MCSOPER related equates.					

End of Comment					
1592	(638)	X'64'	0	DLADSSIZ	"100" Console message data space size in megabytes
1592	(638)	X'FA'	0	DLAMSGMG	"250" Approximate number of messages that can be contained in one meg of data space storage
1592	(638)	X'55'	0	DLAALRTP	"85" Alert percentage - when the number of messages in the data space hits this percentage of the QLIMIT, the alert ECB will be posted
1592	(638)	X'4B'	0	DLAALQSS	"DLAALRTP-10" Alert/QLIMIT condition subsided percentage - When the number of messages in the data space hits this percentage of the QLIMIT, the alert condition will be reset
1592	(638)	X'63'	0	DLAQRESP	"99" QRESUME percentage - when the number of messages in the data space is decreased to this percentage of QLIMIT, message queueing will automatically be resumed
1592	(638)	X'55'	0	DLADSFSS	"85" Data space full condition subsided percentage - when the percent of data space storage in use falls below this percentage, the data space full condition will be reset
Comment					

Formatted message cellpool related equates.					

End of Comment					
1592	(638)	X'A'	0	DLAMSGPX	"10" Number of cells in message cellpool primary extent
1592	(638)	X'32'	0	DLAMSGSX	"50" Number of cells in message cellpool secondary extent
1592	(638)	X'0'	0	DLAMSGSP	"0" Message cellpool subpool

IATYDLA Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				

WTL related equates.					

End of Comment					
1592	(638)	X'1F4'	0	DLAWTLTM	"500" Amount of time to wait (in hundredths of a second) when a non-zero return code from WTL occurs before issuing another WTL request

IATYDLA Cross Reference

Name

DLAALCHK
 DLAALDOM
 DLAALECB
 DLAALESV
 DLAALESZ
 DLAALETP
 DLAALFMX
 DLAALPST
 DLAALQSS
 DLAALRTP
 DLACNDAL
 DLACNDFM
 DLACNDIT
 DLACNDMS
 DLACNDRR
 DLACPLSZ
 DLACPOOL
 DLACPSAV
 DLACSAAD
 DLACSAAL
 DLADLTSZ
 DLADPECB
 DLADSFSS
 DLADSSIZ
 DLADWORK
 DLADWRK2
 DLAEALR
 DLAEACOM
 DLAEAMSG
 DLAEATIM
 DLAEGBLS
 DLAEEND
 DLAEESTAX
 DLAEESXSZ
 DLAFLAG1
 DLAFLAG2
 DLAFLRV
 DLAFMPPRM
 DLAIID
 DLAINITA
 DLAITFMX
 DLAITINT
 DLAITTRM
 DLALSTLN
 DLAMCSOM

Name

DLAMCSOM_GETMSG

DLAMCSOM_KEYUSED_CART

DLAMCSOM_KEYUSED_CMDRESP

DLAMCSOM_KEYUSED_MASK

DLAMCSOM_KEYUSED_NAME

DLAMCSOM_PL_END

DLAMCSOM_RESUME

DLAMCSOM_XACRO

DLAMCSOM_XCART

DLAMCSOM_XCMDRESP

DLAMCSOM_XCMDRESP_NO

DLAMCSOM_XCMDRESP_YES

DLAMCSOM_XCONSID

DLAMCSOM_XMASK

DLAMCSOM_XREQUEST

DLAMCSOM_XRSV0001

DLAMCSOM_XRSV0002

DLAMCSOM_XVERSION

DLAMCSOML

DLAMCSOP

DLAMCSOP_ACTIVATE

DLAMCSOP_DEACTIVATE

DLAMCSOP_FIFO

DLAMCSOP_KEYUSED_MIGID

DLAMCSOP_KEYUSED_NAME

DLAMCSOP_NONE

DLAMCSOP_RELEASE

DLAMCSOP_SEARCH

DLAMCSOP_XABTERM_YES

DLAMCSOP_XACRO

DLAMCSOP_XALERTECB

IATYDLA Cross Reference

Name

DLAMCSOP_XALERTPCT
DLAMCSOP_XCONSID
DLAMCSOP_XFLAG
DLAMCSOP_XMCSCSA
DLAMCSOP_XMCSCSAA
DLAMCSOP_XMIGID
DLAMCSOP_XMIGIDREL_AUTO
DLAMCSOP_XMSGDLVRY
DLAMCSOP_XMSGECB
DLAMCSOP_XNAME
DLAMCSOP_XOPERPARM
DLAMCSOP_XQLIMIT
DLAMCSOP_XQRESUME
DLAMCSOP_XREQUEST
DLAMCSOP_XRSV0001
DLAMCSOP_XRSV0002
DLAMCSOP_XRSV0003
DLAMCSOP_XTERMNAME
DLAMCSOP_XVERSION
DLAMCSOPL
DLAMDADR
DLAMDALT
DLAMOMSZ
DLAMOPSZ
DLAMSCID
DLAMSCOP
DLAMSECB
DLAMSGMG
DLAMSGPX
DLAMSGQA
DLAMSGSP
DLAMSGSX
DLAMSTKN
DLANODMP
DLAOPPRM
DLAPOST
DLAPSTSZ
DLAQRESP
DLARECVR
DLARESMG
DLARESMS

Name

DLARESSZ
DLARF101
DLARF102
DLARF104
DLARF201

DLARF202
DLARF204
DLARF208
DLARF210
DLARF220

DLARF240
DLARF280
DLARMTKN
DLARNGCT
DLARNGEN

DLARNGST
DLARTSAV
DLASAVE
DLASDMPX
DLASDXSZ

DLASIZE
DLASSIB
DLASSNM
DLASSVT
DLASTART

DLASTIMR
DLASTLEN
DLASTLST
DLASTMID
DLASTMSZ

DLATERMA
DLATFPRM
DLATMECB
DLATRWRK
DLAWTLB

DLAWTLTM
DLAWTO
DLAWTOSZ
DLAXATSZ
DLAXDLTR

DLAXDTSZ
DLAXIXAT
DLAXIXAT_XDIAG

DLAXIXAT_XEYECATCH

DLAXIXAT_XFLAG1

DLAXIXAT_XFLAG2

DLAXIXAT_XGROUP

DLAXIXAT_XGROUPTOKEN

DLAXIXAT_XJ3CONNECT_NO

DLAXIXAT_XJ3CONNECT_YES

DLAXIXAT_XLINKPARMS

IATYDLA Cross Reference

Name

DLAXIXAT_XMAINTLVL
DLAXIXAT_XMEMBER
DLAXIXAT_XRELEASE
DLAXIXAT_XRSV0001
DLAXIXAT_XRSV0002
DLAXIXAT_XVERSION
DLAXIXAT_XWHICHJES_COMMON
DLAXIXAT_XWHICHJES_INIT
DLAXIXAT_XWHICHJES_JES2
DLAXIXAT_XWHICHJES_JES3
DLAXIXAT_XWHICHJES_J2SPOOL
DLAXIXAT_XWHICHJES_J3CIFSS
DLAXIXAT_XWHICHJES_J3FSS

DLAXIXATL
DLAXIXDT
DLAXIXDT_XEYECATCH

DLAXIXDT_XGROUPTOKEN
DLAXIXDT_XLINKPARMS
DLAXIXDT_XRSV0001
DLAXIXDT_XVERSION

DLAXIXDTL
DLAXIXMB
DLAXIXMB_XEYECATCH
DLAXIXMB_XGROUPTOKEN
DLAXIXMB_XMBOXNAME
DLAXIXMB_XPOSTALET
DLAXIXMB_XPOSTDATA
DLAXIXMB_XPOSTXIT
DLAXIXMB_XRSV0001
DLAXIXMB_XSYSEVENT_NO
DLAXIXMB_XSYSEVENT_YES
DLAXIXMB_XSYSEVENTS

Name

DLAXIXMB_XVERSION

DLAXIXMBL

DLAXIXMD

DLAXIXMD_XEYECATCH

DLAXIXMD_XGROUPTOKEN

DLAXIXMD_XMBOXNAME

DLAXIXMD_XSTB

DLAXIXMD_XSTB_NO

DLAXIXMD_XSTB_YES

DLAXIXMD_XVERSION

DLAXIXMDL

DLAXMBSZ

DLAXMDSZ

M00M0007

M00M0016

M00M0017

M00M0018

M00M0019

M00M0023

IATYDLF Information

IATYDLF Programming Interface information

Programming Interface information

IATYDLF

End of Programming Interface information

Heading Information • IATYDLF Map

IATYDLF Heading Information

Common Name: DEADLINE FILE RECORD
Macro ID: IATYDLF
DSECT Name: DLFENTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: DLF
 Offset: 8
 Length: 4
Storage Attributes: Auxiliary Storage: JES3 spool data set
 Subpool: 230, 241
 Key: User's key
 Data Space: None
 Residency: Any
Size: Variable
Created by: N/A
Pointed to by: N/A
Serialization: N/A
Function: Contains the deadline parameters

IATYDLF Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DLFSTART	
0	(0)	BITSTRING	6	DLFTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	DLFCNT	USER COUNT.
8	(8)	CHARACTER	4	DLFID	FILE ID.
12	(C)	BITSTRING	12	DLFCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	DLFVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	DLFDATA (0)	START OF USER DATA AREA.
28	(1C)	SIGNED	2		RESERVED FOR JES
30	(1E)	SIGNED	2	DLFFIXL	- SIZE OF FIXED AREA
32	(20)	SIGNED	2	DLFVARL	- SIZE OF VARIABLE AREA
34	(22)	BITSTRING	1	DLFFLAG1	- FLAG BYTE RESERVED FOR ASP

Comment

 DEFINITION OF DLFFLAG1

End of Comment

35	(23)	BITSTRING	1	DLFFLAG2	- FLAG BYTE RESERVED FOR USER
36	(24)	SIGNED	4	DLFLOWTM	- LOW TIME IN THIS ENTRY
40	(28)	SIGNED	2	DLFFREEL	- OFFSET TO FREE ENTRY
42	(2A)	SIGNED	2	DLFACTIV	- OFFSET TO ACTIVE ENTRY
44	(2C)	SIGNED	4	DLFRSVU	- RESERVED FOR USER
48	(30)	SIGNED	4	DLFRSVD (2)	RESERVED FOR DEVELOPMENT
56	(38)	SIGNED	4	DLFRSVS (2)	RESERVED FOR SERVICE
64	(40)	BITSTRING	1	DLFFEND (0)	- END OF FIXED AREA
64	(40)	BITSTRING	1	DLFFSIZE (0)	

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DLFENTRY	
0	(0)	SIGNED	2	DLFCHAIN	- CHAIN TO NEXT FREE OR ACTIVE ENTRY
2	(2)	SIGNED	2	DLFJNUMC	- Compatible with DLFJNUM - see IATXJBNO macro
4	(4)	CHARACTER	8	DLFJNAME	- JOB NAME
12	(C)	SIGNED	4	DLFITIME	- INITIAL DEADLINE TIME
16	(10)	SIGNED	4	DLFJTIME	- CURRENT DEADLINE TIME
20	(14)	BITSTRING	1	DLFIPRTY	- INITIAL JOB PRIORITY
21	(15)	BITSTRING	1	DLFJPRTY	- CURRENT JOB DEADLINE PRIORITY
22	(16)	CHARACTER	1	DLFDTYPE	- DEADLINE TYPE FOR THIS JOB
23	(17)	BITSTRING	1	DLFFLAG3	- FLAG BYTE

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				

DEFINITION OF DLFFLAG3					

End of Comment					
		1... ..		DLFINITS	"X'80" - INITIAL PRIORITY HAS BEEN SET
		.1.. ..		DLFPCHNG	"X'40" - ENTRY PRIORITY HAS CHANGED
		..1.		DLFPSTDL	"X'20" - JOB IS PAST ITS DEADLINE
		...1		DLFDINCP	"X'10" - INITIAL PRIORITY IS AN INCREMENT
		.... 1...		DLFDINCI	"X'08" - SUBSEQUENT PRIORITY IS AN INCREMENT
24	(18)	CHARACTER	1	DLFUTYPE	- RESERVED FOR USER
25	(19)	BITSTRING	1	DLFFLAG4	- FLAG BYTE RESERVED FOR USER
26	(1A)	SIGNED	2	DLFRSVU1	- RESERVED FOR USER
28	(1C)	SIGNED	4	DLFJNUM	Job number
32	(20)	SIGNED	4	DLFRSVS1	RESERVED FOR SERVICE
36	(24)	BITSTRING	1	DLFDPRTY	- INITIAL PRIORITY FROM DLT ENTRY
37	(25)	BITSTRING	1	DLFDPINC	- SUBSEQUENT PRIORITY FROM DLT ENTRY
38	(26)	SIGNED	2	DLFDTINC	- SUBSEQUENT TIME INTERVAL
40	(28)	BITSTRING	1	DLFVEND (0)	- END OF VARIABLE AREA
40	(28)	BITSTRING	1	DLFVSIZE (0)	

IATYDLF Cross Reference

Name

- DLFACTIV
- DLFCHAIN
- DLFCHN
- DLFCNT
- DLFDATA
- DLFDINCI
- DLFDINCP
- DLFDPINC
- DLFDPRTY
- DLFDTINC
- DLFDTYPE
- DLFENTRY
- DLFFEND
- DLFFIXL
- DLFFLAG1
- DLFFLAG2
- DLFFLAG3
- DLFFLAG4
- DLFFREEL
- DLFFSIZE
- DLFID
- DLFINITS
- DLFIPRTY
- DLFITIME
- DLFJNAME
- DLFJNUM
- DLFJNUMC
- DLFJPRTY
- DLFJTIME
- DLFLOWTM

IATYDLF Cross Reference

Name

DLFPCHNG
DLFPSTD
DLFRSVD
DLFRSVS
DLFRSVS1
DLFRSVU
DLFRSVU1
DLFSTART
DLFTRK
DLFUTYPE
DLFVARL
DLFVEND
DLFVLID
DLFVSIZE

IATYDLOG Information

IATYDLOG Heading Information

Common Name: DLOG Common Data Area
Macro ID: IATYDLOG
DSECT Name: DLGSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: DLOG
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: Any
 Subpool: 241
 Key: 1
Size: DLGSIZE bytes
Created by: IATCNDS
Pointed to by: SVTDLOG in IATYSVT
Serialization: NONE
Function: This macro maps the DLOG related information that is shared between the JES3 and JES3 DLOG address spaces.

IATYDLOG Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DLGSTART	, DLOG Common Data Area
0	(0)	CHARACTER	4	DLGID	Control Block Id
0	(0)	X'F1'	0	DLGSPool	"241" DLOG Common Data Area subpool
4	(4)	ADDRESS	1	DLGVERSN	Version number
4	(4)	X'1'	0	DLGV521	"1" HJS5521 version
4	(4)	X'1'	0	DLGCVERS	"DLGV521" Current version number
8	(8)	ADDRESS	4	DLGSSVT	Address of SSVT
12	(C)	ADDRESS	4	DLGTCB	DLOG task TCB address
16	(10)	SIGNED	4	DLGRMTKN	DLOG address space RESMGR token
20	(14)	ADDRESS	4	DLGDLA	Address of DLOG Address Space Data Area (DLA)

Comment

Extended MCS Console Information.

End of Comment

24	(18)	CHARACTER	8	DLGCONAM	Extended MCS Console Name
24	(18)	X'1E'	0	DLGCONSF	"DLGCONAM+6,2" Variable suffix value
32	(20)	BITSTRING	4	DLGCONID	Console id associated with the extended MCS console

Comment

JESXCF Information.

End of Comment

36	(24)	CHARACTER	16	DLGMEMBR	JESXCF member name
52	(34)	SIGNED	4	DLGGRPTK	JESXCF group token returned by IXZXIXAT

Comment

Output information returned by the ASCRE macro. It contains the STOKEN and other information associated with the address space.

End of Comment

56	(38)	DBL WORD	8	DLGASDAT (0)	Address Space Data
----	------	----------	---	--------------	--------------------

IATYDLOG Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
Comment					
IHAASEO DSECT=NO Generate the fields %ASEOL1 : ; ASSERVE CREATE OUTPUT DATA AREA COPYRIGHT = 5685-001 THIS MODULE IS "RESTRICTED MATERIALS OF IBM" (C) COPYRIGHT IBM CORP. 1988 LICENSED MATERIALS - PROPERTY OF IBM STATUS = HBB3310 SUBPOOL: N/A, USER-PROVIDED METHOD OF ACCESS: PL/AS - %INCLUDE SYSUT5(IHAASEO) For VIA support, specify %IHAVIA = 'YES' before %INCLUDE. Declare ASEOALET as PTR(31). If other than BASED() is wanted, put the desired value in ASEOBASE. CHANGE ACTIVITY: \$L0 = AR HBB3310 850901 PDXB: AR support %GO TO ASEOL2;					
End of Comment					
56	(38)	DBL WORD	8	(0)	
56	(38)	X'38'	0	ASEO	***
56	(38)	BITSTRING	8	ASEOSTKN	64-bit stoken of new ASCB
64	(40)	ADDRESS	4	ASEOASCB	ASCB of new address space
68	(44)	ADDRESS	4	ASEOECB	ECBs, basing for IEZEAECB
72	(48)	BITSTRING	8	ASEORSV1	Reserved
Comment					
JES3 to JES3 DLOG Communication ECB.					
End of Comment					
80	(50)	SIGNED	4	DLGCMECB	ECB used by JES3 to communicate with DLOG (e.g. to terminate)
Comment					
Trace work area used by Nuc task modules that need to create a trace record but do not have a dynamic work area. LGXDLTR IATXDLTR FUNC=TRACE, IATXDLTR Parameter List X					
End of Comment					
Comment					
\$Q0= SYSOPER HJS5521 941208 PD0DR: SP 5.2.1					
End of Comment					
84	(54)	SIGNED	4	DLGXLTR (0)	IATXDLTR List Form
84	(54)	ADDRESS	4		Trace table header address
88	(58)	CHARACTER	8		Caller of trace service
96	(60)	CHARACTER	8		Event identifier
104	(68)	ADDRESS	4		Event specific data address
108	(6C)	SIGNED	2		Event specific data length
110	(6E)	SIGNED	2		Reserved
110	(6E)	X'1C'	0	DLGDLTSZ	**-DLGXLTR" Size of parameter list

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
DLOG Statistics.					
End of Comment					
112	(70)	SIGNED	4	DLGPMSGS	Number of times the subtask was posted out of its WAIT and there were messages to process
116	(74)	SIGNED	4	DLGALRCT	Number of times the subtask was posted out of its WAIT and the ALERT ECB was posted
120	(78)	SIGNED	4	DLGWTLS	The number of times a WTL was issued and we got a busy return
128	(80)	DBL WORD	8	DLGMSGCT	The total number of messages that were processed. If you divide this number by DLGPMSGS you get the number of messages processed each time the subtask wakes up

Comment					
Flags.					
End of Comment					
136	(88)	BITSTRING	4	DLGFLAGS (0)	Flags
136	(88)	BITSTRING	1	DLGSTAT1	DLOG Status Flag One

Comment

 Definition of DLGSTAT1 (Must be OILed/NILed)

End of Comment					
		1... ..		DLGACTIP	"X'80" DLOG activation is in progress
		.1... ..		DLGACTIV	"X'40" DLOG is active (initialization is complete)
		..1... ..		DLGDEAIP	"X'20" DLOG deactivation is in progress
		...1... ..		DLGTERM	"X'10" The DLOG address space has terminated (deactivation is complete if in process of deactivating DLOG)
		.... 1...		DLGTSTMD	"X'08" DLOG is in test mode
		.... .1..		DLGSWTLN	"X'04" DLOG is suspended because of a non-zero return code from the WTL macro
		.... ..1.		DLGRECVR	"X'02" DLOG is in recovery mode
		.... ...1		DLGNOPL	"X'01" Message was written to OPERLOG but not SYSLOG
137	(89)	BITSTRING	1	DLGSTAT2	DLOG Status Flag Two

Comment

 Definition of DLGSTAT2. (Must be OILed/NILed)

End of Comment					
		1... ..		DLGALDSF	"X'80" Alert mode - the message data space is full
		.1... ..		DLGALQLM	"X'40" Alert mode - the number of messages indicated by the QLIMIT has been reached
		..1... ..		DLGALPER	"X'20" Alert mode - the number of messages indicated by the alert percentage has been reached
137	(89)	X'E0'	0	DLGALERT	"DLGALDSF+DLGALQLM+DLGALPER" Alert mode is active
		...1... ..		DLGS2R10	"X'10" Reserved flag
		.... 1...		DLGS2R08	"X'08" Reserved flag
		.... .1..		DLGS2R04	"X'04" Reserved flag
		.... ..1.		DLGS2R02	"X'02" Reserved flag
		.... ...1		DLGS2R01	"X'01" Reserved flag

IATYDLOG Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
138	(8A)	BITSTRING	1	DLGFLG1	DLOG Flag One
Comment					
----- Definition of DLGFLG1. (Must be OILed/NILed) -----					
End of Comment					
		1... ..		DLGATIME	"X'80" DLOG ATIME interval has expired
		.1.. ..		DLGVSYSL	"X'40" VARY SYSLOG,HARDCPY command was issued
		..1. ..		DLGWLOGS	"X'20" WRITELOG START command was issued
		...1 ..		DLGJXATT	"X'10" JESXCF attach was done by the DLOG address space
		.... 1..		DLGJXDET	"X'08" JESXCF detach was done by the DLOG address space before it terminated
		.... .1..		DLGRF104	"X'04" Reserved flag
		.... ..1.		DLGRF102	"X'02" Reserved flag
		.... ...1		DLGRF101	"X'01" Reserved flag
139	(8B)	BITSTRING	1	DLGFLG2	DLOG Flag Two
Comment					
----- Definition of DLGFLG2. -----					
End of Comment					
		1... ..		DLGRF280	"X'80" Reserved flag
		.1.. ..		DLGRF240	"X'40" Reserved flag
		..1. ..		DLGRF220	"X'20" Reserved flag
		...1 ..		DLGRF210	"X'10" Reserved flag
		.... 1..		DLGRF208	"X'08" Reserved flag
		.... .1..		DLGRF204	"X'04" Reserved flag
		.... ..1.		DLGRF202	"X'02" Reserved flag
		.... ...1		DLGRF201	"X'01" Reserved flag
Comment					
----- Reserved for flags. -----					
End of Comment					
140	(8C)	BITSTRING	4	DLGFLRSV	Reserved for flags
Comment					
<p>The information that precedes this label is cleared each time DLOG is initialized. On the JES3 global processor, the area is cleared when DLOG is started. On a JES3 local processor, the area is cleared when DLOG the local detects that DLOG became active. The information below this label is not cleared except when the storage for the DLOG is first obtained.</p>					
End of Comment					
144	(90)	SIGNED	4	DLGCLEND (0)	End of info to be cleared
144	(90)	X'90'	0	DLGCLSZ	** -DLGSTART" Size of info to be cleared

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
DLOG Trace Table Header.					
End of Comment					
144	(90)	ADDRESS	4	DLGTRACE	Address of DLOG trace table header
Comment					
End of DLOG Common Data Area.					
End of Comment					
152	(98)	DBL WORD	8	DLGEND (0)	End of Data Area
152	(98)	X'98'	0	DLGSIZE	"DLGEND-DLGSTART" Size of Data Area

IATYDLOG Cross Reference

Name

- ASEO
- ASEOASCB
- ASEOECB
- ASEORSV1
- ASEOSTKN
- DLGACTIP
- DLGACTIV
- DLGALDSF
- DLGALERT
- DLGALPER
- DLGALQLM
- DLGALRCT
- DLGASDAT
- DLGATIME
- DLGCLEND
- DLGCLSIZ
- DLGCMECB
- DLGCONAM
- DLGCONID
- DLGCONSF
- DLGCVERS
- DLGDEAIP
- DLGDLA
- DLGDLTSZ
- DLGEND
- DLGFLAGS
- DLGFLG1
- DLGFLG2
- DLGFLRSV
- DLGGRPTK
- DLGID
- DLGJXATT
- DLGXDET
- DLGMEMBR
- DLGMSGCT
- DLGNOPL
- DLGPMSGs
- DLGRECVR
- DLGRF101
- DLGRF102

IATYDLOG Cross Reference

Name

DLGRF104
DLGRF201
DLGRF202
DLGRF204
DLGRF208

DLGRF210
DLGRF220
DLGRF240
DLGRF280
DLGRMTKN

DLGSIZE
DLGSPOOL
DLGSSVT
DLGSTART
DLGSTAT1

DLGSTAT2
DLGSWTLN
DLGS2R01
DLGS2R02
DLGS2R04

DLGS2R08
DLGS2R10
DLGTCB
DLGTERM
DLGTRACE

DLGTSTMD
DLGVERSN
DLGVSYSL
DLGV521
DLGWLOGS

DLGWTLBS
DLGXLTR

IATYDMC Information

IATYDMC Heading Information

Common Name: THE DATA MANAGEMENT CONTROL BLOCK (DMC)
Macro ID: IATYDMC
DSECT Name: DMCSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: DMC
 Offset: 0
 Length: 4
Storage Attributes: Auxiliary Storage: None
 Subpool: 231, 230, 229, 0
 Key: JES key, TCB key
 Data Space: None
 Residency: Any
Size: DMCFSIZE bytes for UBUFs, JSAM buffers, and writer buffers, DMCPSIZE bytes for PBUFs
Created by: IATDMUB
 IATINIO
 IATINJQ (FOR JOB VALIDATION/RESTART)
 IATINJR (FOR JOB VALIDATION/RESTART)
 IATINM3
 IATOSI
Pointed to by: FOR USAM PBUFs: BALDMCBA OF IATYBAL (BALP)
 FOR JSAM BUFFERS: BALDMCBA OF IATYBAL (BALJ)
 FOR USAM UBUFs: DSBDMCBA OF IATYDSB
 FOR WRITER BUFFERS: OSDDMCCP OF IATYOSD
 POINTS TO 1ST CELL
 POOL EXTENT
Serialization: NONE
Function: Contains CCWS for Spool I/O, chain pointers and flags associated with a data buffer (DAT).

IATYDMC Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DMCSTART	
32	(20)	X'5'	0	DMCWRTOP	"5" - WRITE DATA CHANNEL COMMAND
32	(20)	X'6'	0	DMCRDOP	"6" - READ DATA CHANNEL COMMAND
		1... .1.1		DMCEXTWT	"X'85" EXT CKD WRITE COMMAND
40	(28)	X'30'	0	DMCCPEND	*** - END OF CHANNEL PROGRAM
48	(30)	DBL WORD	8	DMCSEEK	- BBCCCCcch for SEEK + R + sector
48	(30)	X'32'	0	DMCSRCH	"DMCSEEK+2,5" - CCCCcchRR for search
48	(30)	X'36'	0	DMCRCRD	"DMCSEEK+6,1" RECORD NO FOR THIS I/O
48	(30)	X'37'	0	DMCSECT	"DMCSEEK+7,1" - SECTOR NO FOR THIS I/O

Comment

THE FOLLOWING CCW1'S ARE FROM THE COUNT-KEY-DATA (CKD) EXTENTIONS ARCHITECTURE. WHEN USED BY JES3, THEY REPLACE SEEK, SET SECTOR, SEARCH ID EQUAL, AND TIC TO SEARCH CCW1'S.

End of Comment

0	(0)	BITSTRING	16	DMCPRMS (0)	LOCATE RECORD CCW1 PARAMETERS
0	(0)	BITSTRING	1	DMCLOCOP	OPERATION BYTE
		.... .11.		DMCLOCRD	"X'06" LOC REC READ
		.... ...1		DMCLOCWT	"X'01" LOC REC WRITE
1	(1)	BITSTRING	1	DMCLOCAX	AUXILLIARY BYTE

IATYDMC Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
2	(2)	BITSTRING	2	DMCLOCNO	NO. RECS TO BE PROCESSED
4	(4)	BITSTRING	4	DMCLOCCK	CCCCcch information
8	(8)	BITSTRING	5	DMCLOCSSR	CCCCcchRR
13	(D)	BITSTRING	1	DMCLOCST	SECTOR NUMBER
14	(E)	BITSTRING	2	DMCLOCLN	TRANSFER LENGTH FACTOR
56	(38)	CHARACTER	4	DMCID	- BLOCK IDENTIFICATION
60	(3C)	ADDRESS	4	DMCDAT	POINTER TO CORRESPONDING DAT
		1...		DMCDTAUX	"X'80" IF ON IN DMCDAT, ASSOCIATED DAT IS IN JES3AUX MUST BE ONLY HIGH ORDER BIT

Comment

THE FOLLOWING AREA IS MULTIPLY DEFINED

End of Comment

64	(40)	SIGNED	4	DMCMULTD (0)	- MULT FIELD DEFINITION ORIGIN
----	------	--------	---	--------------	--------------------------------

Comment

THE FOLLOWING FIELDS APPLY TO JES3 MEMORY BUFFERS

End of Comment

64	(40)	ADDRESS	4	DMCRREAD	- RRE ADDR FOR TAT I/O POSTING
64	(40)	X'40'	0	DMCJCTAD	"DMCRREAD,4" FOR JCT I/O, THE VIRTUAL ADDRESS OF THE JCT WITHIN THE JCT DATA SPACE
68	(44)	ADDRESS	4	DMCJBATAT	- JBTAT FDB ADDR
68	(44)	ADDRESS	4	DMCIBUFF	IN CORE BUFF CHN PTRS
		1...		DMCPSTBT	"X'80" - BIT USED TO POST JESIO FCT'S

Comment

THE FOLLOWING FIELDS APPLY TO USER MEMORY BUFFERS

End of Comment

64	(40)	ADDRESS	4	DMCBPTR	- ADDR OF CURR BUFF POSITION
68	(44)	SIGNED	2	DMCRL	- ROOM LEFT IN CURR BUFF
70	(46)	SIGNED	2	DMCLRECL	- LOGICAL RECORD LENGTH

Comment

THE FOLLOWING FIELDS APPLY TO USAM PBUFS

End of Comment

64	(40)	SIGNED	4	DMCDATRA	- REAL ADDRESS OF DAT FOR THIS DMC
68	(44)	SIGNED	4	DMCWORK	- WORK AREA FOR PROT BUFFERS

Comment

The following fields apply to multi-record read JSAM buffers.

End of Comment

64	(40)	ADDRESS	4	DMCCHAIN	- BUFFER CHAIN POINTER.
68	(44)	SIGNED	4	DMCJCTMR	JCT RECORD NUMBER- FOR JOB VALIDATION/RESTART

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Comment -----					
THE FOLLOWING FIELDS APPLY TO ALL FORMS OF IATYDMC'S -----					
----- End of Comment -----					
72	(48)	SIGNED	4	DMCCLINE	- CURR LINE BEING PROCESSED
76	(4C)	SIGNED	4	DMCCREC	- CURR RECORD BEING PROCESSED
80	(50)	SIGNED	4	DMCCPAGE	- CURR PAGE BEING PROCESSED
80	(50)	X'48'	0	DMCFDSAV	"DMCCLINE" FD ADDR SAVE ON JES INPUT- AND FOR WRTCHAIN
84	(54)	SIGNED	2	DMCRECCT	AVAILBLE RECORD COUNT SAVE AREA
86	(56)	BITSTRING	2	DMCASID	- ADDRESS SPACE ID OF DMC
88	(58)	ADDRESS	4	DMCNXDMC	- NEXT IATYDMC IN I/O QUEUE (For STC/TSO logon or spool browse request, next DMC in in-storage queue)
92	(5C)	ADDRESS	4	DMCDMCPT	- For a protected buffer 14500T6C (PBUF), the associated 14500T6A UBUF DMC. For a spool 14500T6A browse UBUF, the next 14500T6A core buffer UBUF DMC in 14500T6A the address space of the 14500T6A job being browsed, if 14500T6A multiple core buffers 14500T6A exist. 14500T6A
96	(60)	BITSTRING	1	DMCFLAG1	- SEE BIT DEFINITION BELOW
----- Comment -----					
DEFINITION OF DMCFLAG1 -----					
----- End of Comment -----					
		1...		DMCJESIO	"X'80" - JES3 MEMORY I/O
		.1..		DMCJTAT	"X'40" - IATDMTK JBTAT I/O
		..1.		DMCPERR	"X'20" - CHANNEL PROGRAM FAILED
		...1		DMCREBLD	"X'10" - REBUILT AFTER UNKNOWN ERROR
		.... 1..		DMCNPUT	"X'08" - BUFFER TO BE KEPT BY JES
		.... .1..		DMCJBTRK	"X'04" - TRK FCT POST REQ'D
		.... .1.		DMCNFREE	"X'02" - DON'T FREE UBUF IN IATDMEBS
		.... ...1		DMCWRITE	"X'01" - WRITE REQUEST
97	(61)	BITSTRING	1	DMCFLAG2	SEE BIT DEFINITION BELOW
----- Comment -----					
DEFINITION OF DMCFLAG2 -----					
----- End of Comment -----					
		1...		DMCRETRY	"X'80" I/O REQUESTED BY I/O ERR RECOVERY
		.1..		DMCROTIO	"X'40" ROOT FDB BEING UPDATED
		..1.		DMCCHNIO	"X'20" DISK ADDR CHAIN BEING UPDATED
		...1		DMCCOMPL	"X'10" RETRY I/O COMPLETED
		.... 1..		DMCPGFRE	"X'08" BUFFER HAS BEEN FREED
		.... .1..		DMCNOFDB	"X'04" NO FDB ASSOCIATED WITH BUF.
		.... .1.		DMCMLTRD	"X'02" MULTIPLE READ REQUEST
		.... ...1		DMCLSTBF	"X'01" LAST BUFFER OF MULT READ
98	(62)	BITSTRING	1	DMCFLAG3	SEE BIT DEFINITION BELOW

IATYDMC Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Comment					
----- DEFINITION OF DMCFLAG3 -----					
----- End of Comment					
		1...		DMCFXDAT	"X'80" DAT PERMANENTLY PAGE FIXED
		.1..		DMCFXDMC	"X'40" DMC PERMANENTLY PAGE FIXED
		..1.		DMCBUFDA	"X'20" EXTENDED CKD CCW1S CREATED
		...1		DMCSCHRB	"X'10" I/O COMPLETE - SRB SCHEDULED
		.... 1..		DMCONQ	"X'08" DMC ON WAIT/BUSY QUEUE
		.... .1..		DMCBLKIO	"X'04" BLOCK I/O
		.... ..1.		DMCBFRET	"X'02" RETURN BUFFER TO SDM
		.... ...1		DMCMCBUF	"X'01" Multiple core buffer process
99	(63)	BITSTRING	1	DMCFLAG4	JES3 GLOBAL ADDR SPACE FLAG BYTE - FOR USE ONLY BY IATNUC TASK
----- Comment					
----- DEFINITION OF DMCFLAG4 -----					
----- End of Comment					
		1...		DMCDATMD	"X'80" ASSOCIATED DAT MODIFIED - WRTCHAIN OPTION=MODONLY MUST WRITE
		.1..		DMCJBTOV	"X'40" JBT EXPANSION POST REQUIRED
		..1.		DMCNOJCK	"X'20" Don't perform job id check on JBT write
		...1		DMCWRTCH	"X'10" WRTCHAIN DMC
		.... 1..		DMCFCSET	"X'08" DMCFCCT PRESET FOR SRF WRITE 0680
		.... .1..		DMCSRFFD	"X'04" SRF READ REQUEST FROM FD 0680
		.... ..1.		DMCCSBTR	"X'02" CSBT-READ DMC
		.... ...1		DMCNCBUF	"X'01" Nth core buffer in progress
100	(64)	BITSTRING	1	DMCFLAG5	SEE BIT DEFINITION BELOW
----- Comment					
----- DEFINITION OF DMCFLAG5 -----					
----- End of Comment					
		1...		DMCCPDS	"X'80" COMPOSED PAGE DATA STREAM
		.1..		DMCVLCHK	"X'40" DMC validation check flag (used for loop detection)
		..1.		DMCBTRNC	"X'20" This data set's records have been blank truncated
		...1		DMCNCONT	"X'10" Do not mark this record as a continuation
		.... 1..		DMCBADAT	"X'08" Bad data detected - data was truncated
		.... .1..		DMCRDBK	"X'04" Reading backward
		.... ..1.		DMCPRLST	"X'02" Processing last USAM buffer 10343S2A
		.... ...1		DMCUPDTE	"X'01" DMC being re-read, leave counts and current buffer pointer intact
101	(65)	BITSTRING	1	DMCJCNT	JSAM-IO COUNT FIELD
102	(66)	BITSTRING	1	DMCFLAG6	Flag byte 6
----- Comment					
----- Definition of DMCFLAG6 12214S5A ----- 12214S5A					
----- End of Comment					

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		1... ..		DMCCATSW	"X'80" Data set concatenation 12214S5A switch has been done 12214S5A
		.1.. ..		DMCFL640	"X'40" Reserved bit for IBM 12214S5A
		..1.		DMCFL620	"X'20" Reserved bit for IBM 12214S5A
		...1		DMCFL610	"X'10" Reserved bit for IBM 12214S5A
		.... 1...		DMCFL608	"X'08" Reserved bit for IBM 12214S5A
		.... .1..		DMCFL604	"X'04" Reserved bit for IBM 12214S5A
		.... .1..		DMCFL602	"X'02" Reserved bit for IBM 12214S5A
		.... ...1		DMCFL601	"X'01" Reserved bit for IBM 12214S5A
103	(67)	BITSTRING	1	DMCRDMSK	OUTPUT COMPLETED MASK BYTE
104	(68)	BITSTRING	1	DMCDSP	DSP DICT. NO. AT GETBUF
105	(69)	BITSTRING	1	DMCSTKEY	SAVE AREA FOR RD/WRT PSW KEY
106	(6A)	BITSTRING	10	DMCLKTRC (0)	PUT lock trace 07519SXC
106	(6A)	BITSTRING	9	DMCLKFPV	PUT lock footprint - prev. 07519SXC
115	(73)	BITSTRING	1	DMCLKFPT	PUT lock footprint - current

Comment

 PUT lock Footprint Definitions
 Each module has a range of codes. Odd numbers
 are reserved for lock obtains and even numbers
 for lock releases.

End of Comment

		.... ...1		DMCLKDM1	"X'01" IATDMDM PUT lock obtain
		.... ..1.		DMCLKDM2	"X'02" IATDMDM PUT lock release
		.... ..11		DMCLKDM3	"X'03" IATDMDM PUT lock obtain
		...1 ..1.		DMCLKEB1	"X'12" IATDMEB3 PUT lock release 11485TAC
		..1. ...1		DMCLKUB1	"X'21" IATDMUB PUT lock obtain
		..11 ..1.		DMCLKCC1	"X'32" IATSICC PUT lock release
		..11 ..11		DMCLKCC2	"X'33" IATSICC PUT lock obtain
		..11 .1..		DMCLKCC3	"X'34" IATSICC PUT lock release
		..11 .11.		DMCLKCC4	"X'36" IATSICC PUT lock release
		..11 1...		DMCLKCC5	"X'38" IATSICC PUT lock release
		.1.. ..1.		DMCLKJS1	"X'42" IATSIJS PUT lock release
		.1.1 ...1		DMCLKOR1	"X'51" IATSIOR PUT lock obtain
		.1.1 ..1.		DMCLKOR2	"X'52" IATSIOR PUT lock release
		.1.1 .1..		DMCLKOR3	"X'54" IATSIOR PUT lock release
		.1.1 .11.		DMCLKOR4	"X'56" IATSIOR PUT lock release
		.1.1 .111		DMCLKOR5	"X'57" IATSIOR PUT lock obtain
		.1.1 1...		DMCLKOR6	"X'58" IATSIOR PUT lock release
		.11. ...1		DMCLKSP1	"X'61" IATGRSP PUT lock obtain
		.11. ..1.		DMCLKSP2	"X'62" IATGRSP PUT lock release
		.11. ..11		DMCLKSP3	"X'63" IATGRSP PUT lock re-obtain
116	(74)	ADDRESS	4	DMCTVTP	IATYTVT POINTER
116	(74)	X'74'	0	DMCPUTLK	"DMCTVTP" USAM PUT LOCK - USED IN THE FIRST UBUF DMC IN THE POOL
120	(78)	ADDRESS	4	DMCNXDUP	- Original DMC chain pointer 12190S5C (Also used as a work area 12190S5A in IATOSI) 12190S5A
124	(7C)	ADDRESS	4	DMCFCT	PTR TO FCT FOR JSAM BUFFERS
128	(80)	ADDRESS	4	DMCFDDSS	- DSS FOR NON-JES MEMORY I/O, FDB for JES memory I/O 12190S5M
128	(80)	X'80'	0	DMCACQ	"DMCFDDSS" Address of ACQ entry for 12190S5M this block I/O 12190S5M

IATYDMC Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- 12190S5A					
The following 16 bytes are doubly defined. 12190S5A					
The time stamp fields are used in UBUFs for PUT 12190S5A					
processing for SYSLOG jobs. The fields overlaying 12190S5A					
them are for other functions (JSAM, PBUFs, etc.) 12190S5A					
----- 12190S5A					
End of Comment					
132	(84)	BITSTRING	8	DMCSTCKL	Low SYSLOG time stamp 12190S5A
140	(8C)	BITSTRING	8	DMCSTCKH	High SYSLOG time stamp 12190S5A
132	(84)	ADDRESS	4	DMCNEXT	NEXT DMC FOR WRTCHAIN OR CSBT-READ
136	(88)	ADDRESS	4	DMCPREV	PREVIOUS DMC FOR WRTCHAIN OR CSBT-READ
					2#12190S5D
140	(8C)	SIGNED	4	DMCPBUF1	Pointer to first PBUF for multiple buffer read
144	(90)	SIGNED	2	DMCTPCBR	Total previous core buffer records
146	(92)	SIGNED	2	DMCRSVD1	Reserved for IBM
Comment					

Field DMCSORT contains the normalized disk address and					
record number used to sort PBUF and JSAM DMCs.					

End of Comment					
148	(94)	BITSTRING	5	DMCSORT	cccCCCChRR for sorting
148	(94)	X'94'	0	DMCSORTC	"DMCSORT,4" cccCCCCh for SORT
148	(94)	X'98'	0	DMCSORTR	"DMCSORT+4,1" R for SORT
153	(99)	BITSTRING	3	DMCRSVD3	Reserved for IBM
156	(9C)	SIGNED	4	DMCRSVD2 (3)	Reserved for IBM
Comment					

FIELDS DMCRETN, DMCRETN1, AND DMCRETN2 CONTAIN THE LAST					
THREE RETURN ADDRESS IN THE CALLING SEQUENCE LEADING TO					
THE JESREAD FOR THE BUFFER FOR THIS DMC. FIELDS DMCRETN1					
AND DMCRETN2 USE FIELDS DMCCWRK1 AND DMCCWRK2. DMCCWRK1					
AND DMCCWRK2 ARE USED BY MODULE IATDMDC AS REGISTER SAVE					
AREAS ACROSS A CALL TO PAGE SERVICES. SINCE THE I/O FOR					
THE BUFFER HAS BEEN COMPLETE BY THE TIME IATDMNC REGAINS					
CONTROL TO SAVE THE RETURN ADDRESSES, NO CONFLICT EXISTS					
IN THE DUAL USAGE OF THESE TWO FIELDS.					
12214S5A					
DMCSTCKE overlays the above fields as well as DMCCWRK3, 12214S5A					
so these fields may be destroyed in IATDMDM's DMP000 12214S5A					
routine when processing a PUT for SYSLOG. 12214S5A					
12214S5A					
NOTE: IAYTDMC CAN BE EXPANDED AS EITHER TYPE=DSECT OR					
TYPE=DATA. IF TYPE=DATA IS SPECIFIED, LABELS DMCRETN,					
DMCRETN1, AND DMCRETN2 IN THE ABOVE DESCRIPTION WILL BE					
DKRETN, DKRETN1, AND DKRETN2 RESPECTIVELY.					

End of Comment					
168	(A8)	BITSTRING	16	DMCSTCKE (0)	Work area for time stamp 12214S5A
168	(A8)	ADDRESS	4	DMCRETN	RETURN ADDRESS OF CALLER
172	(AC)	SIGNED	4	DMCCWRK1	COMMON WORK AREA 1
172	(AC)	X'AC'	0	DMCRETN1	"DMCCWRK1" SECOND LEVEL RETURN ADDRESS
176	(B0)	SIGNED	4	DMCCWRK2	COMMON WORK AREA 2
176	(B0)	X'B0'	0	DMCRETN2	"DMCCWRK2" THIRD LEVEL RETURN ADDRESS
180	(B4)	SIGNED	4	DMCCWRK3	COMMON WORK AREA 3

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
184	(B8)	SIGNED	4	DMCCKCNT	Count of page skips (ASA x'F1' or machine control characters x'89' or x'8B')
192	(C0)	DBL WORD	8	DMCFEND (0)	- END OF FIXED PART OF IATYDMC
192	(C0)	X'C0'	0	DMCFDZSE	"DMCFEND-DMCSTART" - SIZE OF FIXED PART OF IATYDMC

Comment

 DMCSAVE AND DMCXMWRK ARE FOR USAM PBUFS ONLY

End of Comment

192	(C0)	SIGNED	4	DMCSAVE (18)	SAVE AREA
192	(C0)	X'D8'	0	DMCSAVE1	"DMCSAVE+24" REG 1 SAVE AREA
264	(108)	CHARACTER	1	DMCXMWRK (0)	WORK AREA FOR CROSS MEMORY MOVES
320	(140)	DBL WORD	8	DMCPEND (0)	- END OF PBUF TYPE OF IATYDMC
320	(140)	X'140'	0	DMCPDZSE	"DMCPEND-DMCSTART" - SIZE OF PBUF TYPE OF IATYDMC

IATYDMC Cross Reference

Name

DMCACQ
 DMCASID
 DMCBADAT
 DMCBFRET
 DMCBLKIO
 DMCBPTR
 DMCBTRNC
 DMCBUFDA
 DMCBUFF
 DMCCATSW
 DMCCHAIN
 DMCCHNIO
 DMCCLINE
 DMCCOMPL
 DMCCPAGE
 DMCCPDS
 DMCCPEND
 DMCCREC
 DMCCSBTR
 DMCCWRK1
 DMCCWRK2
 DMCCWRK3
 DMCDAT
 DMCDATMD
 DMCDATRA
 DMCDMCPT
 DMCDSP
 DMCDTAUX
 DMCEXTWT
 DMCFCSET
 DMCFCT
 DMCFFDSS
 DMCFDSAV
 DMCFEND
 DMCFLAG1

IATYDMC Cross Reference

Name

DMCFLAG2
DMCFLAG3
DMCFLAG4
DMCFLAG5
DMCFLAG6

DMCFL601
DMCFL602
DMCFL604
DMCFL608
DMCFL610

DMCFL620
DMCFL640
DMCFSIZE
DMCFXDAT
DMCFXDMC

DMCID
DMCJBAT
DMCJBTOV
DMCJBTRK
DMCJCNT

DMCJCTAD
DMCJCTMR
DMCJESIO
DMCJTAT
DMCLKCC1

DMCLKCC2
DMCLKCC3
DMCLKCC4
DMCLKCC5
DMCLKDM1

DMCLKDM2
DMCLKDM3
DMCLKEB1
DMCLKFPT
DMCLKFPV

DMCLKJS1
DMCLKOR1
DMCLKOR2
DMCLKOR3
DMCLKOR4

DMCLKOR5
DMCLKOR6
DMCLKSP1
DMCLKSP2
DMCLKSP3

DMCLKTRC
DMCLKUB1
DMCLOCAX
DMCLOCLN
DMCLOCNO

DMCLOCOP
DMCLOCRD
DMCLOCSK
DMCLOCSR
DMCLOCST

DMCLOCWT
DMCLRECL
DMCLSTBF
DMCMCBUF
DMCMLTRD

Name

DMCMULTD
DMCNCBUF
DMCNCNT
DMCNEXT
DMCNFREE

DMCNOFDB
DMCNOJCK
DMCNPUT
DMCNXDMC
DMCNXDUP

DMCONQ
DMCPBUF1
DMCPEND
DMCPERR
DMCPGFRE

DMCPREV
DMCPRLST
DMCPRMS
DMCPSIZE
DMCPSTBT

DMCPUTLK
DMCRCD
DMCRDBK
DMCRDMSK
DMCRDOP

DMCREBLD
DMCRECCT
DMCRETN
DMCRETN1
DMCRETN2

DMCRETRY
DMCRL
DMCROTIO
DMCRREAD
DMCRSVD1

DMCRSVD2
DMCRSVD3
DMCSAVE
DMCSAVE1
DMCSCHRB

DMCSECT
DMCSEEK
DMCSKCNT
DMCSORT
DMCSORTC

DMCSORTR
DMCSRCH
DMCSRFFD
DMCSTART
DMCSTCKE

DMCSTCKH
DMCSTCKL
DMCSTKEY
DMCTPCBR
DMCTVTP

DMCUPDTE
DMCVLCHK
DMCWORK
DMCWRITE
DMCWRTCH

IATYDMC Cross Reference

Name

DMCWRTOP
DMCXMWRK

IATYDOI Information

IATYDOI Programming Interface information

Programming Interface information

IATYDOI

End of Programming Interface information

Heading Information • IATYDOI Map

IATYDOI Heading Information

Common Name: Dataset Output Information
Macro ID: IATYDOI
DSECT Name: DOISTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: DOI
 Offset: DOIID
 Length: 4
Storage Attributes: Auxiliary Storage: SPOOL
 Subpool: 230
 Key: 1 (JESKEY)
 Residency: ANY
Size: DOIMAXSZ
Created by: IATSIOD
Pointed to by: ORTDOIA in IATYORT
 FSDBSWB in IATYFSDB
 IDDOTFDB in IATYIDD
 JDOOTFDB in IATYJDO
 JDSDOFDB in IATYJDS
 OSEOTFDB in IATYOSE
 SRLGDSWB in IATYSRL
Serialization: NONE
Function: Maps the user-specific information that is spooled with the output descriptors for SYSOUT data sets for use during output service.

IATYDOI Map

Offsets		Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	DOISTART	
0	(0)	CHARACTER	4	DOIID	Eyecatcher
4	(4)	SIGNED	2	DOILENGT	Length of DOI
6	(6)	SIGNED	2	DOIJD00F	Offset of DOIJDO
8	(8)	BITSTRING	32	DOICHAIN	Pointer to next DOI MRF
40	(28)	CHARACTER	8	DOIUSID	User id
48	(30)	CHARACTER	8	DOIJOBID	Job id
56	(38)	CHARACTER	8	DOIJBNAM	Job name
64	(40)	BITSTRING	1	DOIFLAGS	Flag byte

Comment

 Definition of DOIFLAGS

End of Comment

		1... ..		DOIJMRP	"X'80" JMR is present in DOI
		.1... ..		DOIJDOP	"X'40" JDO is present in DOI
		..1... ..		DOIFAKE	"X'20" DOI is not a real DOI 0259
		...1... ..		DOIUSND	"X'10" USERID (DOIUSID) is 0004 undefined 0004
		.... 1... ..		DOIDOIXP	"X'08" DOI extension present 09611S2A
		.... .1... ..		DOITRANS	"X'04" Transaction output 09611S2A (APPC, BPXAS, etc.) 09611S2A
65	(41)	BITSTRING	1	DOIRSV1	Reserved for IBM 09611S2C
66	(42)	SIGNED	2	DOIEXTOF	Offset to DOI extension 09611S2A
68	(44)	BITSTRING	8	DOIJSABC	JSAB create time 0034
76	(4C)	BITSTRING	8	DOIEXSTK	Transaction execution 09611S2C start time (STCK fmt) 09611S2A
84	(54)	SIGNED	4	DOIRSVU1 (2)	Reserved for user

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
Comment						
09611S2A						
WARNING 09611S2A						
The size of the DOI header must not be changed, in 09611S2A						
order to maintain compatibility with older 09611S2A						
releases. Add new fields to the DOI extension. 09611S2A						
09611S2A						
End of Comment						
84	(54)	X'5C'	0	DOIFSIZE	"*-DOISTART" Length of fixed portion	
Comment						

JMR (for APPC sysout)						

End of Comment						
92	(5C)	BITSTRING	1	DOIJMR (0)	JMR	
Comment						

JDO (for DYNAMIC OUTPUT statements and APPC sysout)						

End of Comment						
92	(5C)	BITSTRING	1	DOIJDO (0)	JDO 09611S2D	

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
0	(0)	STRUCTURE	0	DOIX	, DOI extension mapping 09611S2A	
0	(0)	CHARACTER	4	DOIXID	Eyecatcher 09611S2A	
4	(4)	SIGNED	2	DOIXLENG	DOI extension length 09611S2A	
6	(6)	BITSTRING	1	DOIXVERS	DOI extension version 09611S2A	
6	(6)	X'1'	0	DOIXCVER	"DOIXVER1" Current DOIX version 09611S2A	
6	(6)	X'1'	0	DOIXVER1	"1" Initial DOIX version 09611S2A	
7	(7)	BITSTRING	1	DOIXRSV1	Reserved for IBM 09611S2A	
8	(8)	SIGNED	4	DOIXRSV2 (6)	Reserved for IBM 09611S2A	
8	(8)	X'20'	0	DOIXEND	*** End of DOI extension 09611S2A	
8	(8)	X'20'	0	DOIXSIZE	"DOIXEND-DOIX" Length of DOI extension 09611S2A	
8	(8)	X'700'	0	DOIMAXSZ	"DOIFSIZE+L'DOIJMR+JDOMXSIZ+DOIXSIZE" Maximum 09611S2A DOI size 09611S2A	

IATYDOI Cross Reference

Name

- DOICHAIN
- DOIDOIXP
- DOIEXSTK
- DOIEXTOF
- DOIFAKE
- DOIFLAGS
- DOIFSIZE
- DOIID
- DOIJBNAM
- DOIJDO

IATYDOI Cross Reference

Name

DOIJDOOF
DOIJDOP
DOIJMR
DOIJMRP
DOIJOBID

DOISABC
DOILENGT
DOIMAXSZ
DOIRSVD1
DOIRSVU1

DOISTART
DOITRANS
DOIUSID
DOIUSND
DOIX

DOIXCVER
DOIXEND
DOIXID
DOIXLENG
DOIXRSV1

DOIXRSV2
DOIXSIZE
DOIXVERS
DOIXVER1

IATYDOT Information

IATYDOT Heading Information

Common Name: Dataset Output Table
Macro ID: IATYDOT
DSECT Name: DOTSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: DOT
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: JES3DOT Data Space
 Auxiliary Storage: N/A
 Subpool: N/A
 Key: 1 (JESKEY)
 Auxiliary Storage: N/A
 Residency: Any
Size: See module listing
Created by: IATGRJA
Pointed to by: DOTNEXT in IATYDOT
 JETEDTAD in IATYJET
Serialization: None
Function: Maps the entry in the JES3DOT data space, which contains information from the DOI (Dataset Output Information) entry for a SYSOUT data set.

IATYDOT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DOTSTART	
0	(0)	CHARACTER	4	DOTID	Eyecatcher "DOT "
4	(4)	SIGNED	2	DOTLEN	Length of DOT entry
6	(6)	SIGNED	2	DOTRSVD1	Reserved for IBM
8	(8)	CHARACTER	8	DOTJOBID	Transaction id from JSAB
16	(10)	CHARACTER	8	DOTJBNAM	Transaction name from JSAB
24	(18)	ADDRESS	4	DOTNEXT	Address of next DOT entry for this data set
28	(1C)	SIGNED	4	DOTENTRY	Entry time in hundredths of a second
32	(20)	SIGNED	4	DOTEDATE	Entry date in 0CYDDDF fmt
36	(24)	BITSTRING	8	DOTEXSTK	Transaction execution start time (STCK fmt)
44	(2C)	SIGNED	4	DOTJOBNO	Job number
48	(30)	SIGNED	4	DOTJETAL	JET entry ALET
52	(34)	ADDRESS	4	DOTJETAD	JET entry address
56	(38)	BITSTRING	1	DOTFLAG1	Flag byte

Comment

Definition of DOTFLAG1

End of Comment

		1... ..		DOTAPPC	"X'80" APPC transaction output
		.1.		DOTTRANS	"X'40" Transaction output (APPC, BPXAS, etc.)
		..1.		DOTFL120	"X'20" Reserved bit for IBM
		...1		DOTFL110	"X'10" Reserved bit for IBM
		.... 1...		DOTFL108	"X'08" Reserved bit for IBM
		.... .1..		DOTFL104	"X'04" Reserved bit for IBM
		.... ..1.		DOTFL102	"X'02" Reserved bit for IBM
		.... ...1		DOTFL101	"X'01" Reserved bit for IBM
57	(39)	BITSTRING	3	DOTRSVD2	Reserved for IBM
60	(3C)	SIGNED	4	DOTRSVD3	Reserved for IBM
64	(40)	SIGNED	4	DOTEND (0)	End of data area
64	(40)	X'40'	0	DOTSIZE	"DOTEND-DOTSTART" Size of data area

IATYDOT Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
64	(40)	X'0'	0	DOTWHOLE	"DOTSTART,DOTSIZE,C'F'" Entire DOT

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DOTPLIST	, IATXDOT parameter list
0	(0)	BITSTRING	1	DOTPFUNC	Function code
0	(0)	X'1'	0	DOTRQBLD	"1" REQUEST=BUILD
0	(0)	X'2'	0	DOTRQDEL	"2" REQUEST=DELETE
1	(1)	BITSTRING	1	DOTPRSV1	Reserved for IBM
2	(2)	SIGNED	2	DOTPBUNF	JDS buffer number

Comment

 The following fields are valid for REQUEST=BUILD

				End of Comment	
4	(4)	ADDRESS	4	DOTPRSQA	RSQ or JCT address (RSQ if high order bit off, JCT if high order bit on)
8	(8)	ADDRESS	4	DOTPDOIA	DOI address
12	(C)	ADDRESS	4	DOTPRCEA	RCE address
16	(10)	ADDRESS	4	DOTPJDSA	JDS entry address
20	(14)	ADDRESS	4	DOTPPREV	Previous DOT address

Comment

 The following fields are valid for REQUEST=DELETE

				End of Comment	
4	(4)	SIGNED	4	DOTPJETA	JET data space ALET
8	(8)	ADDRESS	4	DOTPJETC	JET cell or entry address (cell if high order bit off, entry if high order bit on)
24	(18)	X'18'	0	DOTPLENG	"*-DOTPLIST" Length of parameter list
24	(18)	X'0'	0	DOTPWOL	"DOTPLIST,DOTPLENG,C'F'" Entire DOT parm list

IATYDOT Cross Reference

Name

DOTAPPC
 DATEDATE
 DOTEND
 DOTENTRY
 DOTEXSTK
 DOTFLAG1
 DOTFL101
 DOTFL102
 DOTFL104
 DOTFL108
 DOTFL110
 DOTFL120
 DOTID
 DOTJBNAM
 DOTJETAD
 DOTJETAL
 DOTJOBID
 DOTJOBNO
 DOTLEN
 DOTNEXT

Name

DOTPBUFN
DOTPDOIA
DOTPFUNC
DOTPJDSA
DOTPJETA

DOTPJETC
DOTPLENG
DOTPLIST
DOTPPREV
DOTPRCEA

DOTPRSQA
DOTPRSV1
DOTPWHOL
DOTRQBLD
DOTRQDEL

DOTRSVD1
DOTRSVD2
DOTRSVD3
DOTSIZE
DOTSTART

DOTTRANS
DOTWHOLE

IATYDSB Information

IATYDSB Heading Information

Common Name: Data Set Block (DSB)
Macro ID: IATYDSB
DSECT Name: DSBSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: DSB
 Offset: DSBID
 Length: L'DSBID
Storage Attributes: Main Storage: Subpool 230, below 16M line
 Auxiliary Storage: n/a
 Subpool: 230
 Key: 1 *15606T6A
 Residency: Below 16M line
Size: DSBFSIZE
Created by: IATSIAD
Pointed to by: DSSDSB in IATYDSS
 DEBIRBB (after IATXDSBL conversion) *15606T6A
Serialization: NONE
Function: Contains data set attributes (such as LRECL, RECFM, etc.)

IATYDSB Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DSBSTART	
0	(0)	CHARACTER	4	DSBID	DSB BLOCK IDENTIFICATION
4	(4)	ADDRESS	4	DSBDSS	ADDR OF ASSOC DSS 4
8	(8)	CHARACTER	8	DSBDDNAM	DDNAME for this data set (Also used to hold main processor name during SYSLOG browse allocation)
16	(10)	BITSTRING	1	DSBPTRBA	RBA DATA FOR 'POINT'
16	(10)	X'10'	0	DSBRBARC	"DSBPTRBA,4" RBA RECORD NUMBER
16	(10)	X'14'	0	DSBRBADK	"DSBPTRBA+4,L'FDBSPADR" RBA SPOOL M.R ADDR
26	(1A)	BITSTRING	1	DSBSIOEC	IATXSIO error code (see module IATDMDK, starting at label DKERT001)
27	(1B)	BITSTRING	1	DSBUKEY	UBUF KEY
28	(1C)	ADDRESS	4	DSBOPTCB	ADDRESS OF TOP JOBSTEP TASK 2
32	(20)	SIGNED	4	DSBOUTLM	OUTLIM VALUE FOR THIS DS
36	(24)	ADDRESS	4	DSBCDMC	IATYDMC CURRENTLY IN USE
40	(28)	ADDRESS	4	DSBDMCQ	1ST DMC WAITING TO DO I/O (For STC/TSO INTRDR, first DMC in in-storage queue) 1
44	(2C)	ADDRESS	4	DSBDMC	First DMC on a chain when multiple read buffers used
48	(30)	ADDRESS	4	DSBLSTBF	Last validated DMC
52	(34)	ADDRESS	4	DSBPDMC	Previous DSBCDMC value
56	(38)	SIGNED	4	DSBECB	ECB USED TO WAIT REQUESTS 1
60	(3C)	SIGNED	4	DSBSSECB	ECB USED TO WAIT SSI REQ
64	(40)	ADDRESS	4	DSBSSTCB	TCB WAITING WITH AN SSI REQ
68	(44)	ADDRESS	4	DSBDMCBA	BEGIN ADDR OF DMC BUFFER POOL
72	(48)	ADDRESS	4	DSBDMCEA	END ADDR + 1 OF DMC BUF POOL
76	(4C)	ADDRESS	4	DSBDATBA	BEGIN ADDR OF DAT BUFFER POOL
80	(50)	ADDRESS	4	DSBDATEA	END ADDR + 1 OF DAT BUF POOL
84	(54)	ADDRESS	4	DSBUBUFF	UBUFF SOURCE FOR PROT BUFFER
88	(58)	BITSTRING	1	DSBSSCSV	IATSIDMC SAVE AREA
88	(58)	X'58'	0	DSBSSCV1	"DSBSSCSV,4" FIRST SAVE AREA FOR CLOSE
88	(58)	X'5C'	0	DSBSSCV2	"DSBSSCSV+4,L'FDBSPADR" SECOND SAVE AREA FOR CLOSE
98	(62)	BITSTRING	6	DSBSPSAV	M.R SAVE AREA FOR USAM
104	(68)	SIGNED	4	DSBSSISV (2)	IATSIDM SSI SAVE AREA
104	(68)	X'68'	0	DSBSSSV1	"DSBSSISV,4,C'F'" FIRST SAVE WORD
104	(68)	X'6C'	0	DSBSSSV2	"DSBSSISV+4,4,C'F'" SECOND SAVE WORD 2
112	(70)	SIGNED	4	DSBJNUM	Job number for data sets PERTAINING TO C/I AND PSO

IATYDSB Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
116	(74)	SIGNED	2	DSBSPNDX	Spool partition index
118	(76)	CHARACTER	1	DSBBUFNO	NUMBER OF BUFFERS FOR DS
119	(77)	CHARACTER	1	DSBBPPGS	NUMBER OF BUFFER POOL PAGES

Comment

 The next 5 counters are used by multi-buffer read files (flag DSSMULTB set).

End of Comment

120	(78)	SIGNED	4	DSBBFWST	Cumulative count of wasted read buffers. Those buffers contained data from other files.
124	(7C)	BITSTRING	1	DSBBFALC	Buffers currently allocated
125	(7D)	BITSTRING	1	DSBBFUSD	Buffers currently used
126	(7E)	BITSTRING	1	DSBBFHWA	High-water mark for alloc. buffers
127	(7F)	BITSTRING	1	DSBBFHWU	High-water mark for used buffers
128	(80)	SIGNED	2	DSBLRECL	LRECL FOR SYSOUT DATA SET
130	(82)	CHARACTER	1	DSBCLASS	SYSOUT CLASS
131	(83)	CHARACTER	1	DSBCOPY	NUMBER OF COPIES 4
132	(84)	SIGNED	4	DSBRRECB	ECB FOR RAB REFRESH.

Comment

 The following fullword is doubly defined for PSO and SAPI processing, whose paths shall never cross.

End of Comment

136	(88)	SIGNED	4	DSBEBUF4	OSE buffer number for XWTR
136	(88)	SIGNED	4	DSBSTKPT	Pointer to the thread's SAPI token
140	(8C)	SIGNED	2	DSBEOFST	OSE buffer offset for XWTR
142	(8E)	SIGNED	2	DSBASID	Job's ASID

Comment

----- 12190S5A
 The following eight bytes are doubly defined, once 12190S5A for SYSOUT processing and once for spool browse. 12190S5A
 ----- 12190S5A

End of Comment

144	(90)	CHARACTER	8	DSBDEST	REMOTE DESTINATION
144	(90)	BITSTRING	8	DSBCTRBA	RBA for enhanced POINT functions (data set concatenation spool browse)
152	(98)	CHARACTER	8	DSBPGM	USER WRITER NAME
160	(A0)	CHARACTER	4	DSBFORM	FORMS NUMBER
164	(A4)	SIGNED	4	DSBJDSPT	POINTER TO JDSENTRY FOR THIS DS
168	(A8)	SIGNED	2	DSBSBUFC	UBUF CNT SAVED AT SCHED TIME
170	(AA)	BITSTRING	1	DSBABMSK	ABEND mask field used by 11485TAC IATDMEB3 for limit 11485TAC processing 11485TAA
171	(AB)	BITSTRING	1	DSBRECTX	RECORDS/TRACK FOR DSBNSREC.
172	(AC)	SIGNED	4	DSBLVARC	LAST VALID RECORD COUNT
176	(B0)	SIGNED	2	DSBOPCNT	NUMBER OF OPEN DCB'S FOR DS
178	(B2)	BITSTRING	1	DSBMSGCD	MESSAGE CODE FROM IATDMEBx 11485TAC 2
179	(B3)	BITSTRING	1	DSBNSREC	NO. SEQUENTIAL RECORDS ALLOC
180	(B4)	SIGNED	4	DSBCREC	RECORD COUNT IN DMC OF PREVIOUS BUFFER
184	(B8)	SIGNED	4	DSBCLINE	LINE COUNT IN DMC OF PREVIOUS BUFFER
188	(BC)	SIGNED	4	DSBCPAGE	PAGE COUNT IN DMC OF PREVIOUS BUFFER
192	(C0)	CHARACTER	4	DSBUCS	UCS ID 0439
196	(C4)	CHARACTER	4	DSBFCB	FCB ID 0096
200	(C8)	ADDRESS	4	DSBORT	ADDRESS OF OUTPUT DESC. TABLE

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
204	(CC)	ADDRESS	4	DSBOCTCB	OPEN/CLOSE/INTRDR active 0008 TCB address 0008 (CS MUST BE USED TO UPDATE)
208	(D0)	ADDRESS	4	DSBTSKQ	OPEN/CLOSE/PUT WAIT QUEUE (CS MUST BE USED TO UPDATE)
212	(D4)	SIGNED	4	DSBSKCNT	Count of page skips (ASA x'F1' or machine control characters x'89' or x'8B')
216	(D8)	SIGNED	4	DSBBFTCB	TCB associated with the DAT/DMC storage
220	(DC)	SIGNED	4	DSBCBYTE	Data set byte count
224	(E0)	SIGNED	2	DSBGETLN	DSB GETMAIN length
226	(E2)	BITSTRING	1	DSBMPSEQ	Owning job's main processor sequence number
227	(E3)	BITSTRING	1	DSBRSVD	Reserved for Development
228	(E4)	SIGNED	4	DSBRSVU	RESERVED FOR USER

Comment

 Definition of DSBFLAG1

End of Comment

232	(E8)	BITSTRING	1	DSBFLAG1	FLAG BYTE
		1...		DSBCPDS	"X'80" COMPOSED PAGE DATA STREAM
		.1.		DSBNOTRN	"X'40" NO TRUNCATION FOR DATA SET
		..1.		DSBBDTRE	"X'20" REQUEST FROM BDT
		...1		DSBLOCK	"X'10" LOCAL LOCK HELD PRIOR TO ENTRY OF DMUB
		.... 1..		DSBKEY1	"X'08" OBTAIN DAT/DMC STORAGE IN KEY ONE
		.... .1..		DSBSTCGM	"X'04" GETMAIN for a larger DAT was issued in ENDREQ processing for STC/TSO INTRDR
		.... ..1.		DSBUSND	"X'02" DATASET ALLOCATED UNDER 0004 UNDEFINED USER 0004
		.... ...1		DSBHOLD	"X'01" Force TYPRUN=HOLD

Comment

 Definition of DSBSDEF

End of Comment

233	(E9)	BITSTRING	1	DSBSDEF	DEFAULT FLAGS FOR MVS 2108
		1...		DSBDEFC	"X'80" COPIES VALUE IS DEFAULT 2108
		.1.		DSBDCLA	"X'40" SYSOUT CLASS IS DEFAULT 2108
		..1.		DSBDES	"X'20" DESTINATION IS DEFAULT

Comment

 Definition of DSBFLAG2

End of Comment

234	(EA)	BITSTRING	1	DSBFLAG2	Flag byte
		1...		DSBRUNLC	"X'80" Indicate job should run here
		.1.		DSBSAPIR	"X'40" SAPI thread is processing dataset
		..1.		DSBSGROK	"X'20" SAPI GET request OK
		...1		DSBUNLOK	"X'10" SAPI Unallocation performed
		.... 1..		DSBFRDMC	"X'08" Request to free DMC storage for INTRDR data set or JESLog spinoff
		.... .1..		DSBPUTLH	"X'04" DSB PUT lock held on entry to OPEN
		.... ..1.		DSBWTRNM	"X'02" DSBPGM is a writer name 0008 (If this bit is off, then 0008 DSBPGM, if present, is a 0008 second-level destination) 0008
		.... ...1		DSBMJSTP	"X'01" Initiator task owns buffers because it had multiple subtasks

IATYDSB Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Definition of DSBFLAG3 -----					
End of Comment					
235	(EB)	BITSTRING 1... ..	1	DSBFLAG3 DSBCMSPN	Flag byte 3 "X'80" Spinoff of JESMSG LG and JESYSMSG due to op cmd
		.1.		DSBBTRNC	"X'40" This data set's records have been blank truncated.
		..1.		DSBSPDXY	"X'20" Spool partition index specified from user address space (Netserv)
		...1		DSBPTDON	"X'10" POINT was successfully done
		.... 1...		DSBTKTRM	"X'08" A task was terminated while waiting on DSBECEB
		.... .1..		DSBSSTRM	"X'04" A task was terminated while waiting on DSBSSECB
		.... ..1.		DSBIOIOP	"X'02" Multi-buffer read I/O in progress
		.... ...1		DSBRLBAK	"X'01" Spool addresses are rolled back
236	(EC)	ADDRESS	4	DSBWTSET	Data management wait set up return address
240	(F0)	SIGNED	4	DSBREECB	ECB for Reply Exit
244	(F4)	ADDRESS	4	DSBSBWKA	Spool browse work area addr
248	(F8)	ADDRESS	4	DSBCBWKA	Core buffer processing SRB work area address
252	(FC)	ADDRESS	4	DSBSRLT	Sysin RBA lookup table
256	(100)	ADDRESS	4	DSBCBDSS	Core buffer target DSS 10343S2A *** for diagnosis only *** 10343S2A
----- Definition of DSBFLAG4 -----					
End of Comment					
260	(104)	BITSTRING 1... ..	1	DSBFLAG4 DSBNOACT	Flag byte 4 "X'80" Job not active
		.1.		DSBCBSUC	"X'40" Core buffer process success
		..1.		DSBBUSY	"X'20" Busy return from DMEBCBUF
		...1		DSBERROR	"X'10" Error return from DMEBCBUF
		.... 1...		DSBRFVAR	"X'08" Record format is variable 09873S1A (meaningful only for PSO, 09873S1A SAPI and spool browse) 09873S1A
		.... .1..		DSBFCKPT	"X'04" This data set used buffer 10343S2A checkpoint function 10343S2A
		.... ..1.		DSBRDBK	"X'02" Reading backward
		.... ...1		DSBRAPT	"X'01" Read-ahead for Point active 09715S2A
----- Definition of DSBFLAG5 -----					
End of Comment					
261	(105)	BITSTRING 1... ..	1	DSBFLAG5 DSBNXTDS	Flag byte 5 09715S2C "X'80" Get next concatenated data set
		.1.		DSBSLPNT	"X'40" Point by record number
		..1.		DSBCURDS	"X'20" Get current concat data set
		...1		DSBFEOF	"X'10" EOF found for POINT 11353S5A
		.... 1...		DSBVALER	"X'08" Next buffer does not belong 11699S5A to this data set 11699S5A
		.... .1..		DSBINTCL	"X'04" Internal IATSIxx call for data set concatenation

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... ..1.		DSBSLDSW	"X'02" IATDMEB2's POINT for 11485TAC concatenation has been 11485TAC invoked 11485TAA
		.... ...1		DSBCCLK	"X'01" Lock held entering IATSIACC/ 11387S5A IATDMEB 11387S5A
262	(106)	BITSTRING	1	DSBCBSPA	Core buffer spool address

Comment

 The following 2 fields are pointers to:
 1. An I/O trace
 2. RBA trace (spool browse requests only) 12063S3M
 ----- 12063S3M

End of Comment

268	(10C)	SIGNED	4	DSBTRACE	I/O trace table pointer 12063S3M
272	(110)	SIGNED	4	DSBRBATR	RBA trace (spool browse 12063S3M only) 12063S3M

Comment

----- 12190S5A
 The following 16 bytes are doubly defined, first 12190S5A for SYSLOG PUT processing and then for other 12190S5A processing such as spool browse. 12190S5A
 ----- 12190S5A

End of Comment

276	(114)	BITSTRING	8	DSBSTCKL	Low time stamp for SYSLOG 12190S5A
284	(11C)	BITSTRING	8	DSBSTCKH	High time stamp for SYSLOG 12190S5A
276	(114)	SIGNED	4	DSBDSNUM	Spool browse dset number
280	(118)	ADDRESS	4	DSBSYSLD	Address of time stamp data for spool browse of SYSLOG concatenation
284	(11C)	ADDRESS	4	DSBCLST	Address of CLST entries for spool browse of data set concatenation
288	(120)	ADDRESS	4	DSBCRREC	Current record number for 12100S5A relative POINT 12190S5A
292	(124)	ADDRESS	4	DSBFUBUF	Most recent UBUFF address 11353S5A for POINT to EOF 11353S5A

Comment

----- 11353S5A
 Definition of DSBFLAG6 11353S5A
 ----- 11353S5A

End of Comment

296	(128)	BITSTRING	1	DSBFLAG6	Flag byte 6 11353S5C
		1...		DSBFLSTD	"X'80" Find attempted in last data 11353S5A set without reopen 11353S5A
		.1..		DSBPTEOF	"X'40" POINT to EOF in progress 11353S5A
		..1.		DSBSCEOJ	"X'20" End of job reached in 12423S5A SYSLOG concatenation 12423S5A
		...1		DSBEODCB	"X'10" EOD found in core buffer 11334S5A
		.... 1..		DSBPTEXT	"X'08" Extended POINT in progress 11334S5A
		.... .1..		DSBPTVAL	"X'04" Validation error for 11699S5A SYSLOG browse POINT 11699S5A
		.... ..1.		DSBFNSPL	"X'02" Last record found is 11699S5A followed by split record 11699S5A
		.... ...1		DSBSRBPT	"X'01" DSSPOINT set on entry to 11699S5A IATDMEBS 11699S5A

IATYDSB Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- 11829S5A					
Definition of DSBFLAG7 11829S5A					
----- 11829S5A					
End of Comment					
297	(129)	BITSTRING	1	DSBFLAG7	Flag byte 7 11829S5A
		1... ..		DSBPRVDS	"X'80" Open previous data set 11829S5A
		.1... ..		DSBNOPRV	"X'40" No previous data set found 11829S5A
		..1.		DSBTSDON	"X'20" All current time stamp data 12190S5A has been read 12190S5A
		...1		DSBTIMSB	"X'10" Find by time stamp backwds 12190S5A
		.... 1..		DSBTIMSF	"X'08" Find by time stamp forwards 12190S5A
		.... .1..		DSBEOFSP	"X'04" EOF found, core buf spooled 12666T1C
		.... ..1.		DSBDEL	"X'02" Data set in concatenation 13467T1C has been deleted 13467T1A
		.... ...1		DSBSSPER	"X'01" Error in SSI POINT during 13467T1C data set switch 13467T1A
Comment					

Definition of DSBFLAG8					

End of Comment					
298	(12A)	BITSTRING	1	DSBFLAG8	Flag byte 8
		1... ..		DSBPXEOD	"X'80" Extended POINT with special EOD processing
		.1... ..		DSBSWEND	"X'40" Data set switch issued when data set close detected
		..1.		DSBADFWD	"X'20" Must advance forward from 14499T6C current data set 14499T6A
		...1		DSBDSUPR	"X'10" Data set update required 16283TAC
		.... 1..		DSBSPWT	"X'08" This DSB waiting for spool 18119TAC space 18119TAA
		.... .1..		DSBFL804	"X'04" Reserved bit for IBM
		.... ..1.		DSBFL802	"X'02" Reserved bit for IBM
		.... ...1		DSBFL801	"X'01" Reserved bit for IBM
299	(12B)	BITSTRING	1	DSBSWCNT	Data set switch count (SYSLOG concat browse)
299	(12B)	X'5'	0	DSBSWTHR	"5" Max allowable switches
300	(12C)	SIGNED	4	DSBSVEBS	Save area for IATDMEBS
304	(130)	ADDRESS	4	DSBRECVR	Receiver id data pointer
308	(134)	SIGNED	4	DSBISDSN	Instream Dataset Number. This is the number of the Next SYSIN dataset in the JESJCLIN record stream.
312	(138)	BITSTRING	1	DSBRSVD5	Reserved for IBM 15606T6C
313	(139)	BITSTRING	3	DSBVAL	Validation token 15606T6A
316	(13C)	SIGNED	4	DSBPRVLC	Line count as of DSSPREV 16283TAA
320	(140)	SIGNED	4	DSBPRVRC	Record count as of DSSPREV 16283TAA
324	(144)	SIGNED	4	DSBFEND (0)	END OF FIXED PART OF BLOCK 15606T6A
324	(144)	X'144'	0	DSBFSIZE	"DSBFEND-DSBSTART" SIZE OF FIXED PART OF BLOCK 77
Comment					
Start of the variable portion of the IATYDSB. The default length of this area in bytes = the value in DSBPPGS, which in turn is based on the Main Proc USRPAGE parameter. This length can be overridden by input specification to the SVTSIADD routine.					
End of Comment					
324	(144)	CHARACTER	1	DSBBALBY	1 BUFF ALLOC BYTE PER 4K

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Equates for routines in IATDMEB. 15606T6C -----					
----- End of Comment -----					
324	(144)	X'0'	0	DMEQSGET	"0" GET End-of-Block code
324	(144)	X'4'	0	DMEQSPUT	"4" PUT End-of-Block code
324	(144)	X'8'	0	DMEQOLIM	"8" Output limit processing code
324	(144)	X'C'	0	DMEQPNT	"12" Data management POINT code
324	(144)	X'10'	0	DMEQENDR	"16" ENDREQ processing code
324	(144)	X'14'	0	DMEQBCKP	"20" Buffer checkpoint code
324	(144)	X'18'	0	DMEQSSPT	"24" SSI POINT EOB code
324	(144)	X'1C'	0	DMEQGUPT	"28" GET-UPDATE EOB code
324	(144)	X'20'	0	DMEQPUPD	"32" PUT-UPDATE EOB code
324	(144)	X'24'	0	DMEWAIT	"36" PUT WAIT when busy
324	(144)	X'28'	0	DMEPOST	"40" PUT POST when finished
324	(144)	X'2C'	0	DMEJLSPN	"44" JESLOG (JESMSGGLG/JESYSMSG) SPINOFF request
324	(144)	X'30'	0	DMESBINP	"48" Spool browse SYSIN data set processing
324	(144)	X'34'	0	DMESBINC	"52" Spool browse clean up 11704S3A processing 11704S3A
324	(144)	X'38'	0	DMEQSLPT	"56" Data set concatenation POINT
----- Comment -----					
EQU 60 Reserved code for IBM 12190S5A					
----- End of Comment -----					
324	(144)	X'40'	0	DMEQINCR	"64" Increment SYSIN instream data set sequence number
324	(144)	X'44'	0	DMEQSLNX	"68" Data set concatenation data set switch
324	(144)	X'44'	0	DMEQMAX	"68" Maximum code value 15606T6A
----- Comment -----					
----- 11485TAA Equates for IATXDMEB routines. 11485TAA ----- 11485TAA					
----- End of Comment -----					
324	(144)	BITSTRING	0	EBSPS000_OFST	"X'0118" IATDMEB +18 EBSPS000 11485TAA
324	(144)	BITSTRING	0	EBSPS010_OFST	"X'011C" IATDMEB +1C EBSPS010 11485TAA
324	(144)	BITSTRING	0	EBSPS020_OFST	"X'0120" IATDMEB +20 EBSPS020 11485TAA
324	(144)	BITSTRING	0	EBSPS100_OFST	"X'0124" IATDMEB +24 EBSPS100 11485TAA
324	(144)	BITSTRING	0	EBSPS120_OFST	"X'0128" IATDMEB +28 EBSPS120 11485TAA
324	(144)	BITSTRING	0	EBSVL000_OFST	"X'012C" IATDMEB +2C EBSVL000 11485TAA
324	(144)	BITSTRING	0	EBSVL010_OFST	"X'0130" IATDMEB +30 EBSVL010 11485TAA
324	(144)	BITSTRING	0	EBSFN000_OFST	"X'0134" IATDMEB +34 EBSFN000 11485TAA
324	(144)	BITSTRING	0	EBSVALMR_OFST	"X'0138" IATDMEB +38 EBSVALMR 11485TAA
324	(144)	BITSTRING	0	EBPRM000_OFST	"X'013C" IATDMEB +3C EBPRM000 11485TAA
324	(144)	BITSTRING	0	EBPR2000_OFST	"X'0140" IATDMEB +40 EBPR2000 11485TAA

IATYDSB Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
324	(144)	BITSTRING	0	EBSWT000_OFST	"X'0144" IATDMEB +44 EBSWT000 11485TAA
324	(144)	BITSTRING	0	EBSWT020_OFST	"X'0148" IATDMEB +48 EBSWT020 11485TAA
324	(144)	BITSTRING	0	EBSWT040_OFST	"X'014C" IATDMEB +4C EBSWT040 11485TAA
324	(144)	BITSTRING	0	EBSSW000_OFST	"X'0150" IATDMEB +50 EBSSW000 11485TAA
324	(144)	BITSTRING	0	EBSPB000_OFST	"X'0154" IATDMEB +54 EBSPB000 11485TAA
324	(144)	BITSTRING	0	EBSDE000_OFST	"X'0208" IATDMEB2 +08 EBSDE000 11485TAA
324	(144)	BITSTRING	0	EBGETUBF_OFST	"X'020C" IATDMEB2 +0C EBGETUBF 11485TAA
324	(144)	BITSTRING	0	EBSFB000_OFST	"X'0210" IATDMEB2 +10 EBSFB000 11485TAA
324	(144)	BITSTRING	0	EBSFB500_OFST	"X'0214" IATDMEB2 +14 EBSFB500 11485TAA
324	(144)	BITSTRING	0	EBRELCHN_OFST	"X'0218" IATDMEB2 +18 EBRELCHN 11485TAA
324	(144)	BITSTRING	0	EBRELBUF_OFST	"X'021C" IATDMEB2 +1C EBRELBUF 11485TAA
324	(144)	BITSTRING	0	MRCHNVAL_OFST	"X'0220" IATDMEB2 +20 MRCHNVAL 11485TAA
324	(144)	BITSTRING	0	EBDELCHN_OFST	"X'0224" IATDMEB2 +24 EBDELCHN 11485TAA
324	(144)	BITSTRING	0	DMEBSCBF_OFST	"X'0228" IATDMEB2 +28 DMEBSCBF 11485TAA
324	(144)	BITSTRING	0	EBTS0000_OFST	"X'022C" IATDMEB2 +2C EBTS0000 11485TAA
324	(144)	BITSTRING	0	EBSL000A_OFST	"X'0230" IATDMEB2 +30 EBSL000A 11485TAA
324	(144)	BITSTRING	0	EBSL000B_OFST	"X'0234" IATDMEB2 +34 EBSL000B 11485TAA
324	(144)	BITSTRING	0	EBO000_OFST	"X'0304" IATDMEB3 +00 EBO000 11485TAA
324	(144)	BITSTRING	0	EBT000_OFST	"X'0308" IATDMEB3 +00 EBT000 11485TAA
324	(144)	BITSTRING	0	EBE000_OFST	"X'030C" IATDMEB3 +00 EBE000 11485TAA
324	(144)	BITSTRING	0	EBB000_OFST	"X'0310" IATDMEB3 +00 EBB000 11485TAA
324	(144)	BITSTRING	0	EBR000_OFST	"X'0314" IATDMEB3 +00 EBR000 11485TAA
324	(144)	BITSTRING	0	EBSCT000_OFST	"X'0318" IATDMEB3 +00 EBSCT000 11485TAA

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SRLTD SCT	
0	(0)	SIGNED	4	SRLTSTRT (0)	
0	(0)	CHARACTER	8	SRLTID	Eye catcher (DMGSRLT)
8	(8)	ADDRESS	4	SRLTNEXT	Next SRLT pointer
12	(C)	ADDRESS	4	SRLTAVAL	Next available RBA slot
16	(10)	BITSTRING	16	SRLNTRY (0)	
16	(10)	BITSTRING	6	SRLTINMR	M.R of Sysin file
22	(16)	BITSTRING	1	SRLTCRBA	RPLRBAR of root control record
22	(16)	X'1000'	0	SRLTSIZE	"4096" Table size

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	STRHEADR	
0	(0)	ADDRESS	4	STRFIRST	First entry address
4	(4)	ADDRESS	4	STRNEXT	Next available entry
8	(8)	ADDRESS	4	STRCURR	Current trace entry
12	(C)	SIGNED	4	STRSIZE	Size available for entries
12	(C)	X'10'	0	STRHSIZE	**"-STRFIRST" Header size
12	(C)	X'400'	0	STRTSIZE	"1024" Total table size

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
12	(C)	X'1000'	0	STRTSIZL	"4096" Total table size for SYSLOG browse

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	STRENTRY	
0	(0)	CHARACTER	1	STRTID	Trace id
1	(1)	BITSTRING	8	STRTOD	STCKE bytes 2-9
9	(9)	BITSTRING	1	STRUNIQ (0)	Unique trace data
9	(9)	BITSTRING	3	STRBYTES	Byte-aligned field
12	(C)	SIGNED	4	STRWORD	Word field
16	(10)	DBL WORD	8	STRDWORD	Doubleword field
24	(18)	DBL WORD	8	STRDWRD2	Doubleword field - 2
24	(18)	X'17'	0	STRCLRSZ	**"-STRUNIQ" Size to clear
24	(18)	X'20'	0	STRESIZE	**"-STRENTRY" Entry size

Comment
Spool Trace Macro
End of Comment

IATYDSB Cross Reference

Name

DMEBSCBF_OFST

- DMEJLSPN
- DMEPOST
- DMEQBCKP
- DMEQENDR
- DMEQGUPD
- DMEQINCR
- DMEQMAX
- DMEQOLIM
- DMEQPNT
- DMEQPUPD
- DMEQSGET
- DMEQSLNX
- DMEQSLPT
- DMEQSPUT
- DMEQSSPT
- DMESBINC
- DMESBINP
- DMEWAIT
- DSBABMSK
- DSBADFWD
- DSBASID
- DSBBALBY
- DSBBDMC
- DSBBDTRE
- DSBBFALC
- DSBBFHWA
- DSBBFHUW
- DSBBFTCB
- DSBBFUSD
- DSBBFWST
- DSBBPPGS
- DSBBTRNC
- DSBBUFNO

IATYDSB Cross Reference

Name

DSBBUSY
DSBCBDSS
DSBCBSPA
DSBCBSUC
DSBCBWKA

DSBCBYTE
DSBCCLOK
DSBCDMC
DSBCCLASS
DSBCLINE

DSBCLST
DSBCMSPN
DSBCOPY
DSBCPAGE
DSBCPDS

DSBCREC
DSBCRREC
DSBCTRBA
DSBCURDS
DSBDATBA

DSBDATEA
DSBDCLA
DSBDDEL
DSBDDES
DSBDDNAM

DSBDEFC
DSBDEST
DSBDMCBA
DSBDMCEA
DSBDMCQ

DSBDSNUM
DSBDSS
DSBDSUPR
DSBEBUF4
DSBECB

DSBEODCB
DSBEOFSP
DSBEOFST
DSBERROR
DSBFCB

DSBFCKPT
DSBFEND
DSBFEOF
DSBFLAG1
DSBFLAG2

DSBFLAG3
DSBFLAG4
DSBFLAG5
DSBFLAG6
DSBFLAG7

DSBFLAG8
DSBFLSTD
DSBFL801
DSBFL802
DSBFL804

DSBFNSPL
DSBFORM
DSBFRDMC
DSBFSSIZE
DSBFUBUF

Name

DSBGETLN
DSBHOLD
DSBID
DSBINTCL
DSBIOIOP

DSBISDSN
DSBJDSPT
DSBJNUM
DSBKEY1
DSBLLOCK

DSBLRECL
DSBLSTBF
DSBLVARC
DSBMJSTP
DSBMPSEQ

DSBMSGCD
DSBNOACT
DSBNOPRV
DSBNOTRN
DSBNSREC

DSBNXTDS
DSBOCTCB
DSBOPCNT
DSBOPTCB
DSBORT

DSBOUTLM
DSBPDMC
DSBPGM
DSBPRVDS
DSBPRVLC

DSBPRVRC
DSBPTDON
DSBPTEOF
DSBPTEXT
DSBPTRBA

DSBPTVAL
DSBPUTLH
DSBPXEOD
DSBRAPT
DSBRBADK

DSBRBARC
DSBRBATR
DSBRDBK
DSBRECTX
DSBRECVR

DSBREECB
DSBRFVAR
DSBRLBAK
DSBRRECB
DSBRSVD

DSBRSVD5
DSBRVU
DSBRUNLC
DSBSAPIR
DSBSBUFC

DSBSBWKA
DSBSCEOJ
DSBSDEF
DSBSGROK
DSBSIOEC

IATYDSB Cross Reference

Name

DSBSKCNT
DSBSLDSW
DSBSLPNT
DSBSPDXY
DSBSPNDX

DSBSPSAV
DSBSPWT
DSBSRBPT
DSBSRLT
DSBSSCSV

DSBSSCV1
DSBSSCV2
DSBSSECB
DSBSSISV
DSBSSPER

DSBSSSV1
DSBSSSV2
DSBSSTCB
DSBSSTRM
DSBSTART

DSBSTCGM
DSBSTCKH
DSBSTCKL
DSBSTKPT
DSBSVEBS

DSBSWCNT
DSBSWEND
DSBSWTHR
DSBSYSLD
DSBTIMSB

DSBTIMSF
DSBTKTRM
DSBTRACE
DSBTSDON
DSBTSKQ

DSBUBUFF
DSBUCS
DSBUKEY
DSBUNLOK
DSBUSND

DSBVAL
DSBVALER
DSBWTRNM
DSBWTSET
EBB000_OFST
EBDELCHN_OFST

EBE000_OFST
EBGETUBF_OFST

EBO000_OFST
EBPRM000_OFST

EBPR2000_OFST

EBRELBUF_OFST

EBRELCHN_OFST

EBR000_OFST

Name

EB SCT000_OFST
EB SDE000_OFST
EB SFB000_OFST
EB SFB500_OFST
EB SFN000_OFST
EB SL000A_OFST
EB SL000B_OFST
EB SPB000_OFST
EB SPS000_OFST
EB SPS010_OFST
EB SPS020_OFST
EB SPS100_OFST
EB SPS120_OFST
EB SSW000_OFST
EB SVALMR_OFST
EB SVL000_OFST
EB SVL010_OFST
EB SWT000_OFST
EB SWT020_OFST
EB SWT040_OFST
EB TS0000_OFST
EB T000_OFST
MRCHNVAL_OFST

SRLTAVAL
SRLTCRBA
SRLTDSC
SRLTID
SRLTINMR
SRLTNEXT
SRLTNTRY
SRLTSIZE
SRLTSTRT
STRBYTES
STRCLRSZ
STRCURR
STRDWORD
STRDWRD2
STRENTY

IATYDSB Cross Reference

Name

STRESIZE
STRFIRST
STRHEADR
STRHSIZE
STRNEXT

STRSIZE
STRTID
STRTOD
STRTSIZE
STRTSIZL

STRUNIQ
STRWORD

IATYDSK Information

IATYDSK Heading Information

Common Name: DATA SET STACKING TABLE
Macro ID: IATYDSK
DSECT Name: DSKENTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: DSK
 Offset: 8
 Length: 4
Storage Attributes: Main Storage: JSAM BUFFER
 Auxiliary Storage: JES3 SPOOL
Size: 23 BYTES
Created by: IATIIPR

 IATIIP0X
Pointed to by: IDD IN IATYIDD
 IDD IN IATYIDD
 IDD IN IATYIDD
Serialization: NONE
Function: CONTAINS THE FIRST AND LAST VOLUME SERIAL FOR A GIVEN DD.

IATYDSK Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DSKSTART	
0	(0)	BITSTRING	6	DSKTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	DSKCNT	USER COUNT.
8	(8)	CHARACTER	4	DSKID	FILE ID.
12	(C)	BITSTRING	12	DSKCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	DSKVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	DSKDATA (0)	START OF USER DATA AREA.
28	(1C)	SIGNED	2	DSKFIXL	SIZE OF FIXED AREA
30	(1E)	SIGNED	2	DSKTOTL	SIZE OF CONTROL BLOCK
32	(20)	SIGNED	2	DSKOFFRE	OFFSET TO FREE SPACE IN THE BUFFER
34	(22)	SIGNED	2	DSKHGENT	HIGH ENTRY IN THE BUFFER
36	(24)	SIGNED	2	DSKLOWENT	LOW ENTRY IN THE BUFFER
38	(26)	BITSTRING	1	DSKHFLG1	HEADER FLAGS

Comment

 DEFINITION OF DSKHFLG1

End of Comment

		1... ..		DSKFULL	"X'80" DSK BUFFER IS FULL
		.1.		DSKH1R40	"X'40" Reserved flag
		..1.		DSKH1R20	"X'20" Reserved flag
		...1		DSKH1R10	"X'10" Reserved flag
		.... 1...		DSKH1R08	"X'08" Reserved flag
		.... .1..		DSKH1R04	"X'04" Reserved flag
		.... ..1.		DSKH1R02	"X'02" Reserved flag
		.... ...1		DSKH1R01	"X'01" Reserved flag
40	(28)	SIGNED	4	DSKFEND (0)	END OF FIXED PORTION
40	(28)	X'28'	0	DSKFSIZ	"DSKFEND-DSKSTART" SIZE OF FIXED AREA

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DSKENTRY	
0	(0)	SIGNED	2	DSKENTDP	Relative displacement of this entry from the top of the buffer

IATYDSK Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
2	(2)	BITSTRING	1	DSKNUMSR	Number of VOLSERS in this entry
3	(3)	CHARACTER	6	DSKVLSE	VOLUME USED BY THIS DD

IATYDSK Cross Reference

Name

DSKCHN
DSKCNT
DSKDATA
DSKENTDP
DSKENTRY

DSKFEND
DSKFIXL
DSKFSIZ
DSKFULL
DSKHFLG1

DSKHGENT
DSKH1R01
DSKH1R02
DSKH1R04
DSKH1R08

DSKH1R10
DSKH1R20
DSKH1R40
DSKID
DSKLWENT

DSKNUMSR
DSKOFFRE
DSKSTART
DSKTOTL
DSKTRK

DSKVLID
DSKVLSE

IATYDSN Information

IATYDSN Heading Information

Common Name: SETDSN TABLE
Macro ID: IATYDSN
DSECT Name: DSNBUF DSNFREE DSNENTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: JESPOOL
 Auxiliary Storage: N/A
Size: 34 Bytes
Created by: IATMDSB
Pointed to by: VLMDSPNT IN IATYVLM (ENTRY FOR FIRST DATA SET ON VOLUME)
 DSNCHAIN IN IATYDSN (NEXT ENTRY FOR VOL)
 DSNPREV IN IATYDSN (PREV ENTRY FOR VOL)
 MDSDSBUF IN IATYMDS (FIRST BUFFER)
 DSNBFNXT IN IATYDSN (NEXT BUFFER)
 DSNBFPRV IN IATYDSN (PREVIOUS BUFFER)
Serialization: VIA MDSDSN MACRO
Function: This macro maps the SETDSN entry, which is used by MDS to control the serialization and shareability of a particular data set.

IATYDSN Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DSNENTRY	
0	(0)	ADDRESS	4	DSNCHAIN	POINTER TO NEXT SETDSN ENTRY
4	(4)	ADDRESS	4	DSNPREV	POINTER TO PREVIOUS SETDSN ENTRY
8	(8)	ADDRESS	4	DSNRSCHN	POINTER TO NEXT SETDSN ENTRY ON DATA SET
					RESERVE CHAIN
12	(C)	ADDRESS	4	DSNVOLAD	SETVOL ADDRESS

Comment

THIS LINE DELETED BY APAR OY40633
 THIS LINE DELETED BY APAR OY40633

End of Comment

16	(10)	SIGNED	4	DSNUSECT	Use count
20	(14)	SIGNED	4	DSNARLCT	No. of ARL references
24	(18)	SIGNED	2	DSNSCNCT	NO. OF SCANS USING SETDSN
26	(1A)	SIGNED	2	DSNRSVDS	RESERVED FOR SERVICE
28	(1C)	ADDRESS	4	DSNGDGSD	POINTER TO GDG BASE SETDSN
32	(20)	ADDRESS	4	DSNJSTGD	POINTER TO THE JST ENTRY WHO CAN DELETE THIS GDG BASE SETDSN ENTRY IF THE ALLOCATION PASS FAILS AND THE JOB CAN NOT RESERVE RESOURCES.
36	(24)	ADDRESS	4	DSNGDGDL	ADDRESS OF NEXT BASE SETDSN TO BE DELETED DURING RESERVE CLEANUP PROCESSING
40	(28)	SIGNED	4	DSNRSVDU	RESERVED FOR USER

Comment

 DEFINITION OF DSNFL1

End of Comment

44	(2C)	BITSTRING	1	DSNFL1	DSNFL1 FLAG BYTE 1
		1... ..		DSNALLOC	"X'80" DATASET IS ALLOCATED
		.1..		DSNSHR	"X'40" DATASET CAN BE SHARED

IATYDSN Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		..1.		DSNRSRV	"X'20" RESERVED DATASET
		...1		DSNRESHR	"X'10" RESERVER CAN SHR DSNAME
		.... 1...		DSNSCRAP	"X'08" SCRATCH ALLOCATION PENDING
		.... .1..		DSNSCRCH	"X'04" SCRATCH DATASET

Comment					

DEFINITION OF DSNFL2					

End of Comment					
45	(2D)	BITSTRING	1	DSNFL2	DSNFL2 FLAG BYTE 2
		1...		DSNREQ	"X'80" A JOB NEEDS THIS DATASET
		.1..		DSNSAL	"X'40" DATASET IS SOFT ALLOC'D
		..1.		DSNGDGBS	"X'20" THIS SETDSN IS FOR A GDG BASE
		...1		DSNCLNGB	"X'10" NEED TO CLEAR OUT POINTER TO GDG BASE
		.... 1...		DSNWAIT	SETDSN "X'08" Waiting for unallocation
48	(30)	SIGNED	4	DSNJOBNO	Job number of single user
52	(34)	BITSTRING	1	DSNRSPTY	PRTY OF JOB RESERVING DSNAME
53	(35)	BITSTRING	1	DSNPREF	DSNAME PREFIX
53	(35)	BITSTRING	1	DSNSIZE	SIZE OF DSNAME
54	(36)	CHARACTER	44	DSNAME (0)	DATASET NAME
54	(36)	BITSTRING	1	DSNVEND (0)	END OF VARIABLE AREA
54	(36)	BITSTRING	1	DSNVSIZE (0)	VARIABLE SIZE

IATYDSN Cross Reference

Name

DSNALLOC
 DSNAME
 DSNARLCT
 DSNCHAIN
 DSNCLNGB
 DSNENTRY
 DSNFL1
 DSNFL2
 DSNGDGBS
 DSNGDGDL
 DSNGDGSD
 DSNJOBNO
 DSNJSTGD
 DSNPREF
 DSNPREV
 DSNREQ
 DSNRESHR
 DSNRSCHN
 DSNRSPTY
 DSNRSRV
 DSNRSVDS
 DSNRSVDU
 DSNSAL
 DSNSCNCT
 DSNSCRAP
 DSNSCRCH
 DSNSHR
 DSNSIZE
 DSNUSECT
 DSNVEND

Name

DSNVOLAD
DSNVSIZE
DSNWAIT

IATYDSP Information

IATYDSP Programming Interface information

Programming Interface information

IATYDSP

End of Programming Interface information

Heading Information • IATYDSP Map

IATYDSP Heading Information

Common Name: Dynamic Support Program dictionary entry
Macro ID: IATYDSP
DSECT Name: DSPSTART, DRTSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Subpool 0
 Auxiliary Storage: N/A
Size: DSPSIZE (DSPSTART), DRTSIZE (DRTSTART)
Created by: IATGRPT, IATGRPTF
Pointed to by: DSPCONVI Converter/Interpreter DSP
 DSPDIC First DSP Dictionary Entry
 DSPENABLE Enable DSP
 DSPISDRV Input Service Driver DSP
 DSPMAIN Main DSP
 DSPPSTSC Postscan DSP
 DSPOUTPT Output Service DSP
 DSPURGE Purge DSP
 FCTDSPDC DSP Entry for this FCT
 JADDSPAD DSP Entry for this FCT
Serialization: None
Function: Defines the mapping for each Dynamic Support Program entry

IATYDSP Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DSPSTART	
0	(0)	CHARACTER	8	DSPNAME	- DSP NAME
8	(8)	CHARACTER	8	DSPCSECT	- CSECT NAME FOR RE-ENTRANT MODULES
16	(10)	CHARACTER	8	DSPDRVR	- DSP DRIVER MODULE NAME
24	(18)	CHARACTER	8	DSPJBVAL	- JOB VALIDATION MODULE NAME
32	(20)	CHARACTER	1	DSPNO	- DSP NUMBER
33	(21)	CHARACTER	1	DSPPRTY	- DSP PRIORITY
34	(22)	CHARACTER	1	DSPFLAGS	- FLAGS

Comment

 DEFINITION OF DSPFLAGS

End of Comment

		1... ..		DSPPABLE	"X'80" - DSP IS PROCESSABLE
		.1.. ..		DSPRESCH	"X'40" - DSP RESCHED ON GETUNIT NAVAIL
		..1.		DSPJSGET	"X'20" - JSS DOES INIT GETUNI FOR THIS DSP
		...1		DSPFCTAV	"X'10" - AN FCT FOR THIS DSP IS AVAIL
		.... 1...		DSPNMCHG	"X'08" - NO MXCT CHG ALLOWED VIA *F
		.... .1..		DSPREENT	"X'04" - DSP IS RE-ENTRANT
		.... ..1.		DSPXABLE	"X'02" - DSP IS CALLABLE FROM CONSOLE
		.... ...1		DSPUCCHG	"X'01" - USE COUNT CHANGE FOR THIS DSP
35	(23)	CHARACTER	1	DSPNOREQ	- NUMBER OF REQUIREMENTS
36	(24)	ADDRESS	4	DSPDEVRQ	- ADDRESS OF DEVICE REQUIREMENTS LIST
40	(28)	SIGNED	4	DSPMXCT	Maximum allowable use count for this DSP
44	(2C)	SIGNED	4	DSPJQEWQ	- ANCHOR FOR DSP JQE WAIT QUEUE
48	(30)	SIGNED	4	DSPSCCT	- Number of backlogged JQEs
52	(34)	CHARACTER	1	DSPFLAG1	- FLAGS

Comment

 DEFINITION OF DSPFLAG1

End of Comment

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		1...		DSPNUDRV	"X'80" REFRESH DRIVER MODULE
		.1..		DSPNUDAT	"X'40" REFRESH DATA CSECT
		..1.		DSPHABLE	"X'20" DSP HOLDABLE VIA MODIFY CMD
		...1		DSPHELD	"X'10" DSP HELD VIA MODIFY COMMAND
		.... 1...		DSPEXMPT	"X'08" EXEMPT FOR MESSAGE/WTO
		.... .1..		DSPCRIT	"X'04" DSP is critical 05925SUA
53	(35)	BITSTRING	1	DSPRSVS (3)	- RESERVED FOR SERVICE
56	(38)	SIGNED	4	DSPUSCT	Current use count for this DSP
60	(3C)	SIGNED	4	DSPJQEAU	- ANCHOR FOR ALT DSP WAIT Q 0818
64	(40)	SIGNED	4	DSPSCCTA	Alternate DSPSCCT field No. of CI/POSTSCAN DEMSEL JQE'S moved to ready queue
68	(44)	SIGNED	4	DSPBUFCT	JSAM buffers in use by this 0082 DSP 0082
72	(48)	ADDRESS	8	DSPEUECH	64-bit address of EUE chain
80	(50)	SIGNED	4	DSPRSVS1	Reserved for service
84	(54)	SIGNED	4	DSPRSVS2	Reserved for service
88	(58)	SIGNED	4	DSPRSVS3	Reserved for service
92	(5C)	SIGNED	4	DSPRSVU	RESERVED FOR USER
96	(60)	SIGNED	4	DSPEND (0)	- END OF DSP ENTRY
96	(60)	BITSTRING	1	DSPSIZE (0)	DSP ENTRY SIZE = L'DSPSIZE

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	DRTSTART	
0	(0)	CHARACTER	8	DRTTYPE	- TYPE OF DEVICE
8	(8)	BITSTRING	1	DRTEND (0)	- END OF DRT ENTRY
8	(8)	BITSTRING	1	DRTSIZE (0)	DRT ENTRY SIZE = L'DRTSIZE

Comment

Equates used for job number tracking

End of Comment

8	(8)	BITSTRING	0	DSPJNOIL	"X'8000" Flag used in OILH instruction to identify DSP number used
8	(8)	BITSTRING	0	DSPRTTTG	"X'4000" Flag used in OILH instruction for RJP RTT track groups
8	(8)	X'1'	0	DSPINIT	"1" Initialization DSP 'number'

IATYDSP Cross Reference

Name

DRTEND
 DRTSIZE
 DRTSTART
 DRTTYPE
 DSPBUFCT
 DSPCRIT
 DSPCSECT
 DSPDEVRQ
 DSPDRVR
 DSPEND
 DSPEUECH
 DSPEXMPT
 DSPFACTAV
 DSPFLAGS
 DSPFLAG1
 DSPHABLE
 DSPHELD
 DSPINIT
 DSPJBVAL
 DSPJNOIL

IATYDSP Cross Reference

Name

DSPJQEA
W
DSPJQEW
Q
DSPJSGE
T
DSPMXC
T
DSPNAME

DSPNMCH
G
DSPNO
DSPNORE
Q
DSPNUDA
T
DSPNUDR
V

DSPPAB
L
DSPPRTY
DSPPRE
ENT
DSPRES
CH
DSPRSV
S

DSPRSV
S1
DSPRSV
S2
DSPRSV
S3
DSPRSV
U
DSPRTR
TTG

DSPSC
CT
DSPSC
CTA
DSPSI
ZE
DSPSTA
RT
DSPUC
CHG

DSPUS
CT
DSPXA
BLE

IATYDSQ Information

IATYDSQ Programming Interface information

Programming Interface information

IATYDSQ

End of Programming Interface information

Heading Information • IATYDSQ Map

IATYDSQ Heading Information

Common Name: DESTINATION ROUTING TABLE (DSQ)
Macro ID: IATYDSQ
DSECT Name: FSQSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: SUBPOOL 241
Size: L'DSQSIZE
Created by: IATINSV
Pointed to by: DSQLOC IN IATYTVT
 SVTDSQ IN IATYSVT
Serialization: NONE
Function: Format of the destination routing table.

Dependencies: The values for DSQFLG defined in the "Format of a Queue Entry" section of this macro are partially defined in IATYDST'S "Definition of DEST Q-ENTRY Flag" section. If any of the reserved DEST QUEUE entries are used, the LDQFNCS table in IATABNY and the STDSQNAM field in IATYJMF must be updated with the QUEUE name.

IATYDSQ Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATSSDQ	
0	(0)	SIGNED	4	DSQSTART (0)	QUEUE INDEX START
0	(0)	ADDRESS	1		0-UNSUPPORTED
1	(1)	ADDRESS	1		1-TSO OUTPUT
2	(2)	ADDRESS	1		2-TSO CANCEL
3	(3)	ADDRESS	1		3-TSO STATUS
4	(4)	ADDRESS	1		4-END OF TASK
5	(5)	ADDRESS	1		5-JOB SELECT
6	(6)	ADDRESS	1		6-ALLOCATE
7	(7)	ADDRESS	1		7-UNALLOCATE
8	(8)	ADDRESS	1		8-END OF MEMORY
9	(9)	ADDRESS	1		9-WTO
10	(A)	ADDRESS	1		10-SVC 34
11	(B)	ADDRESS	1		11-VALIDATE ID
12	(C)	ADDRESS	1		12-JOB TERMINATION
13	(D)	ADDRESS	1		13-JOB RE-ENQUEUE
14	(E)	ADDRESS	1		14-DOM-UNSUPPORTED
15	(F)	ADDRESS	1		15-UNSUPPORTED
16	(10)	ADDRESS	1		16-OPEN
17	(11)	ADDRESS	1		17-CLOSE
18	(12)	ADDRESS	1		18-CHECKPOINT
19	(13)	ADDRESS	1		19-RESTART
20	(14)	ADDRESS	1		20-REQUEST JOB ID
21	(15)	ADDRESS	1		21-RETURN JOB ID
22	(16)	ADDRESS	1		22-BEGINNING OF STEP
23	(17)	ADDRESS	1		23-DYNAMIC ALLOCATION
24	(18)	ADDRESS	1		24-COMMON ALLOCATION
25	(19)	ADDRESS	1		25-COMMON UNCALLOCATION
26	(1A)	ADDRESS	1		26-CHANGE DDNAME
27	(1B)	ADDRESS	1		27-CHANGE ENQ USE ATTRIBUTE
28	(1C)	ADDRESS	1		28-DDR CANDIDATE SELECT
29	(1D)	ADDRESS	1		29-DDR CANDIDATE VERIFY
30	(1E)	ADDRESS	1		30-DDR DASD SWAP REQUEST
31	(1F)	ADDRESS	1		31-DDR SWAP COMPLETE
32	(20)	ADDRESS	1		32-START COMMAND FAILURE
33	(21)	ADDRESS	1	(7)	33-39 UNSUPPORTED
40	(28)	ADDRESS	1		40-EARLY VOL RELEASE
41	(29)	ADDRESS	1	(21)	RESERVED
62	(3E)	ADDRESS	1		62-BDT SUBSYSTEM
63	(3F)	ADDRESS	1		63-BDT STAR SHUTTLE
64	(40)	ADDRESS	1	(6)	RESERVED
70	(46)	ADDRESS	1		70-Scheduler JCL Facilities
71	(47)	ADDRESS	1		RESERVED

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
72	(48)	ADDRESS	1		72-VARY PATH
73	(49)	ADDRESS	1	(2)	RESERVED
75	(4B)	ADDRESS	1		75-NOTIFY USER
76	(4C)	ADDRESS	1		Unsupported
77	(4D)	ADDRESS	1		77-Persistent JCL
78	(4E)	ADDRESS	1		Reserved
79	(4F)	ADDRESS	1		79-SYSOUT Appl Programming Interface
80	(50)	ADDRESS	1		80-Enhanced Status
81	(51)	ADDRESS	1		Reserved

Comment

 The following entry is reserved. Since SSI82 performs multiple subfunctions and we want each subfunction to run its own FCT, one entry is not sufficient. Therefore we'll use multiple JES destination codes (see below) and leave this entry reserved.

End of Comment

82	(52)	ADDRESS	1		Reserved-JES Properties
83	(53)	ADDRESS	1		83-JES Managed Devices
84	(54)	ADDRESS	1	(44)	Reserved

Comment

 FOLLOWING ARE JES3 DEST-CODES

End of Comment

128	(80)	ADDRESS	1		128-MAIN SERVICE
129	(81)	ADDRESS	1		129-GENERALIZED MAIN SCHED
130	(82)	ADDRESS	1		130-VERIFY
131	(83)	ADDRESS	1		131-LOCATE
132	(84)	ADDRESS	1		132-JES DATA MANAGEMENT
133	(85)	ADDRESS	1		133-USER TRACK ALLOCATION
134	(86)	ADDRESS	1		134-CONSOLES SVC 34
135	(87)	ADDRESS	1		135-CONSOLES WTO
136	(88)	ADDRESS	1		136-UNUSED
137	(89)	ADDRESS	1		137-VERIFY RESPONSE
138	(8A)	ADDRESS	1		138-WORK TO DO DRIVER
139	(8B)	ADDRESS	1		139-SSICS
140	(8C)	ADDRESS	1		140-SSICS
141	(8D)	ADDRESS	1		141-ENDREQ
142	(8E)	ADDRESS	1		142-MODIFY DRIVER
143	(8F)	ADDRESS	1		143-INQUIRY DRIVER
144	(90)	ADDRESS	1		144-SYSOUT INTERFACE
145	(91)	ADDRESS	1		145-SYSTEM CONNECT
146	(92)	ADDRESS	1		146-ALT CTC RETRY
147	(93)	ADDRESS	1		147-UNUSED
148	(94)	ADDRESS	1		148-STAR SHORTAGE
149	(95)	ADDRESS	1		149-DYNAL-ALLOC
150	(96)	ADDRESS	1		150-DYNAL-UNALLOC
151	(97)	ADDRESS	1		151-DYNAL-CHG DDN
152	(98)	ADDRESS	1		152-COMMUNICATION FROM AN FSS
153	(99)	ADDRESS	1		153-CI DRIVER
154	(9A)	ADDRESS	1		154-IOERR
155	(9B)	ADDRESS	1		155-FSS start failure
156	(9C)	ADDRESS	1		156 - reserved for service
157	(9D)	ADDRESS	1		157-SAPI
158	(9E)	ADDRESS	1		158-Enhanced ST
159	(9F)	ADDRESS	1		159-WLM
160	(A0)	ADDRESS	1		160-JESMSG

IATYDSQ Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
161	(A1)	ADDRESS	1		161-LMLC
162	(A2)	ADDRESS	1		162-TCSR
163	(A3)	ADDRESS	1		163-Classes
164	(A4)	ADDRESS	1		164-Initiators
165	(A5)	ADDRESS	1		165-Nodes
166	(A6)	ADDRESS	1		166-Spool Partition
167	(A7)	ADDRESS	1		167-JESplex
168	(A8)	ADDRESS	1		168-Scheduler JCL Facilities
169	(A9)	ADDRESS	1		169-JES Managed Devices
170	(AA)	ADDRESS	1	(85)	170-254 Reserved for IBM 18119TAC
255	(FF)	ADDRESS	1		255 - Fake Dest code - used 18119TAA to track spool waits via 18119TAA IATXSIAP 18119TAA

Comment

QUEUE ENTRY SECTION

FORMAT OF A QUEUE ENTRY

End of Comment

256	(100)	SIGNED	4	DSQQST (0)	START OF ROUTING QUEUES
256	(100)	ADDRESS	4	DSQECFA	ECF ADDRESS
260	(104)	BITSTRING	1	(3)	MUST BE ZERO
263	(107)	BITSTRING	1	DSQECFM	ECF MASK

Comment

End of Comment

264	(108)	BITSTRING	1	DSQFLG	FLAG BYTE
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Comment

DEFINITION OF DSQFLG

End of Comment

1... ..	DSQGSCH	"X'80" GMS Q-ENTRY
.1.	DSQACT	"X'40" Q-ENTRY IS ACTIVE
..1.	DSQDNAQ	"X'20" ROUTE SA TO Q IF NOT ACTIVE
...1	DSQMDSQ	"X'10" MDS Q-ENTRY
.... 1..	DSQDYNAM	"X'08" DYNAMIC DESTQ ANCHOR
.... .1..	DSQMBCRT	"X'04" A JESXCF mailbox has been created for this Destq entry
.... ..1.	DSQFSSQ	"X'02" FSS Q-ENTRY
.... ...1	DSQSUSPA	"X'01" DSQLOC is suspendable

Comment

End of Comment

265	(109)	BITSTRING	1	DSQRSVD (3)	RESERVED FOR DEVELOPMENT
268	(10C)	ADDRESS	4	DSQQHD	QUEUE HEADER
272	(110)	ADDRESS	4	DSQQTAIL	Queue Tail
276	(114)	CHARACTER	16	DSQMBNAM	JESXCF mailbox name
276	(114)	X'124'	0	DSQQEND	***
292	(124)	BITSTRING	1	DSQQSIZE (0)	SIZE OF QUEUE ENTRY

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

<p>Format of a Dynamic Destination Queue Entry. The following is also used to map an FSS Dynamic Destination Queue Extension. An extension will be created when an FSS is added and the FSS-level destination queue is not large enough to contain the new FSS.</p>					

End of Comment					
256	(100)	SIGNED	4	DSQFSQST (0)	Start of Entry
256	(100)	SIGNED	4	DSQFSQCT	Number of DESTQ entries in this extent of the FSS-level DESTQ table
260	(104)	SIGNED	4	DSQFSRS1	Reserved for development
264	(108)	BITSTRING	1	DSQFSFLG	Same as DSQFLG
265	(109)	BITSTRING	3	DSQFSRS2	Reserved for development
268	(10C)	ADDRESS	4	DSQFSQPT	Address of FSS-level DESTQ table. This field must correspond to DSQQHD.
272	(110)	SIGNED	4	DSQFSQLO	Low FSS id associated with this entry
276	(114)	SIGNED	4	DSQFSQHI	High FSS id associated with this entry
280	(118)	SIGNED	4	DSQFSQNX	Address of next FSS Dynamic destination queue extension
284	(11C)	BITSTRING	8	DSQFSRS3	Pad to DESTQ entry size
292	(124)	BITSTRING	1	DSQFSQEN (0)	End of entry
292	(124)	X'24'	0	DSQFSQSZ	"DSQFSQEN-DSQFSQST" Size of entry
292	(124)	X'A'	0	DSQFSMIN	"10" Minimum number of FSS's represented by a dynamic destination queue extension

Comment					

<p>QUEUE ENTRIES</p> <p>These destination queue entries have descriptions in IATYJMF and IATABNY. Changes to the DSQ table must be mirrored in both IATYJMF's and IATABNY's description tables.</p>					

End of Comment					

Comment					
SQMSV DSQENTRY MBNAME=MAINSVC MAIN SERVICE					
End of Comment					
256	(100)	SIGNED	4	DSQMSV (0)	
256	(100)	ADDRESS	4		ECF Address
260	(104)	BITSTRING	1	(3)	Must be zero
263	(107)	BITSTRING	1		ECF Mask
264	(108)	BITSTRING	1		Flag byte
265	(109)	BITSTRING	1	(3)	Reserved for Development
268	(10C)	ADDRESS	4		Staging area queue head
272	(110)	ADDRESS	4		Staging area queue tail
276	(114)	CHARACTER	16		JESXCF mailbox name

Comment					
SQGMS DSQENTRY MBNAME=GMS GENERALIZED MAIN SCHEDULING					
End of Comment					
292	(124)	SIGNED	4	DSQGMS (0)	
292	(124)	ADDRESS	4		ECF Address

IATYDSQ Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
296	(128)	BITSTRING	1	(3)	Must be zero
299	(12B)	BITSTRING	1		ECF Mask
300	(12C)	BITSTRING	1		Flag byte
301	(12D)	BITSTRING	1	(3)	Reserved for Development
304	(130)	ADDRESS	4		Staging area queue head
308	(134)	ADDRESS	4		Staging area queue tail
312	(138)	CHARACTER	16		JESXCF mailbox name

Comment

SQVER DSQENTRY MBNAME=VERIFY VERIFY

End of Comment

328	(148)	SIGNED	4	DSQVER (0)	
328	(148)	ADDRESS	4		ECF Address
332	(14C)	BITSTRING	1	(3)	Must be zero
335	(14F)	BITSTRING	1		ECF Mask
336	(150)	BITSTRING	1		Flag byte
337	(151)	BITSTRING	1	(3)	Reserved for Development
340	(154)	ADDRESS	4		Staging area queue head
344	(158)	ADDRESS	4		Staging area queue tail
348	(15C)	CHARACTER	16		JESXCF mailbox name

Comment

SQLOCA DSQENTRY MBNAME=LOCATE LOCATE

End of Comment

364	(16C)	SIGNED	4	DSQLOCA (0)	
364	(16C)	ADDRESS	4		ECF Address
368	(170)	BITSTRING	1	(3)	Must be zero
371	(173)	BITSTRING	1		ECF Mask
372	(174)	BITSTRING	1		Flag byte
373	(175)	BITSTRING	1	(3)	Reserved for Development
376	(178)	ADDRESS	4		Staging area queue head
380	(17C)	ADDRESS	4		Staging area queue tail
384	(180)	CHARACTER	16		JESXCF mailbox name

Comment

SQJSAM DSQENTRY MBNAME=JSAM JES DATA MANAGEMENT

End of Comment

400	(190)	SIGNED	4	DSQJSAM (0)	
400	(190)	ADDRESS	4		ECF Address
404	(194)	BITSTRING	1	(3)	Must be zero
407	(197)	BITSTRING	1		ECF Mask
408	(198)	BITSTRING	1		Flag byte
409	(199)	BITSTRING	1	(3)	Reserved for Development
412	(19C)	ADDRESS	4		Staging area queue head
416	(1A0)	ADDRESS	4		Staging area queue tail
420	(1A4)	CHARACTER	16		JESXCF mailbox name

Comment

SQUTK DSQENTRY MBNAME=USERTRACK USER TRACK ALLOCATION

End of Comment

436	(1B4)	SIGNED	4	DSQUTK (0)	
436	(1B4)	ADDRESS	4		ECF Address
440	(1B8)	BITSTRING	1	(3)	Must be zero
443	(1BB)	BITSTRING	1		ECF Mask
444	(1BC)	BITSTRING	1		Flag byte
445	(1BD)	BITSTRING	1	(3)	Reserved for Development
448	(1C0)	ADDRESS	4		Staging area queue head

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
452	(1C4)	ADDRESS	4		Staging area queue tail
456	(1C8)	CHARACTER	16		

Comment

SQC34 DSQENTRY MBNAME=SVC34 SVC 34

End of Comment					
472	(1D8)	SIGNED	4	DSQC34 (0)	
472	(1D8)	ADDRESS	4		ECF Address
476	(1DC)	BITSTRING	1	(3)	Must be zero
479	(1DF)	BITSTRING	1		ECF Mask
480	(1E0)	BITSTRING	1		Flag byte
481	(1E1)	BITSTRING	1	(3)	Reserved for Development
484	(1E4)	ADDRESS	4		Staging area queue head
488	(1E8)	ADDRESS	4		Staging area queue tail
492	(1EC)	CHARACTER	16		JESXCF mailbox name

Comment

SQWTO DSQENTRY MBNAME=WTO WTO

End of Comment					
508	(1FC)	SIGNED	4	DSQWTO (0)	
508	(1FC)	ADDRESS	4		ECF Address
512	(200)	BITSTRING	1	(3)	Must be zero
515	(203)	BITSTRING	1		ECF Mask
516	(204)	BITSTRING	1		Flag byte
517	(205)	BITSTRING	1	(3)	Reserved for Development
520	(208)	ADDRESS	4		Staging area queue head
524	(20C)	ADDRESS	4		Staging area queue tail
528	(210)	CHARACTER	16		JESXCF mailbox name

Comment

SQRSD10 DSQENTRY MBNAME=RSVD10 Reserved

End of Comment					
544	(220)	SIGNED	4	DSQRSD10 (0)	
544	(220)	ADDRESS	4		ECF Address
548	(224)	BITSTRING	1	(3)	Must be zero
551	(227)	BITSTRING	1		ECF Mask
552	(228)	BITSTRING	1		Flag byte
553	(229)	BITSTRING	1	(3)	Reserved for Development
556	(22C)	ADDRESS	4		Staging area queue head
560	(230)	ADDRESS	4		Staging area queue tail
564	(234)	CHARACTER	16		JESXCF mailbox name

Comment

SQDAL DSQENTRY MBNAME=DYNALLOC DYNAMIC ALLOCATION

End of Comment					
580	(244)	SIGNED	4	DSQDAL (0)	
580	(244)	ADDRESS	4		ECF Address
584	(248)	BITSTRING	1	(3)	Must be zero
587	(24B)	BITSTRING	1		ECF Mask
588	(24C)	BITSTRING	1		Flag byte
589	(24D)	BITSTRING	1	(3)	Reserved for Development
592	(250)	ADDRESS	4		Staging area queue head
596	(254)	ADDRESS	4		Staging area queue tail
600	(258)	CHARACTER	16		JESXCF mailbox name

IATYDSQ Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
SQCAL DSQENTRY MBNAME=COMALLOC COMMON ALLOCATION					
End of Comment					
616	(268)	SIGNED	4	DSQCAL (0)	
616	(268)	ADDRESS	4		ECF Address
620	(26C)	BITSTRING	1	(3)	Must be zero
623	(26F)	BITSTRING	1		ECF Mask
624	(270)	BITSTRING	1		Flag byte
625	(271)	BITSTRING	1	(3)	Reserved for Development
628	(274)	ADDRESS	4		Staging area queue head
632	(278)	ADDRESS	4		Staging area queue tail
636	(27C)	CHARACTER	16		JESXCF mailbox name
Comment					
SQQUAL DSQENTRY MBNAME=COMUNALC COMMON UNALLOCATION					
End of Comment					
652	(28C)	SIGNED	4	DSQQUAL (0)	
652	(28C)	ADDRESS	4		ECF Address
656	(290)	BITSTRING	1	(3)	Must be zero
659	(293)	BITSTRING	1		ECF Mask
660	(294)	BITSTRING	1		Flag byte
661	(295)	BITSTRING	1	(3)	Reserved for Development
664	(298)	ADDRESS	4		Staging area queue head
668	(29C)	ADDRESS	4		Staging area queue tail
672	(2A0)	CHARACTER	16		JESXCF mailbox name
Comment					
SQVRS DSQENTRY MBNAME=VERRESP VERIFY RESPONSE					
End of Comment					
688	(2B0)	SIGNED	4	DSQVRS (0)	
688	(2B0)	ADDRESS	4		ECF Address
692	(2B4)	BITSTRING	1	(3)	Must be zero
695	(2B7)	BITSTRING	1		ECF Mask
696	(2B8)	BITSTRING	1		Flag byte
697	(2B9)	BITSTRING	1	(3)	Reserved for Development
700	(2BC)	ADDRESS	4		Staging area queue head
704	(2C0)	ADDRESS	4		Staging area queue tail
708	(2C4)	CHARACTER	16		JESXCF mailbox name
Comment					
SQCDD DSQENTRY MBNAME=CHGDDNAME CHANGE DDNAME					
End of Comment					
724	(2D4)	SIGNED	4	DSQCDD (0)	
724	(2D4)	ADDRESS	4		ECF Address
728	(2D8)	BITSTRING	1	(3)	Must be zero
731	(2DB)	BITSTRING	1		ECF Mask
732	(2DC)	BITSTRING	1		Flag byte
733	(2DD)	BITSTRING	1	(3)	Reserved for Development
736	(2E0)	ADDRESS	4		Staging area queue head
740	(2E4)	ADDRESS	4		Staging area queue tail
744	(2E8)	CHARACTER	16		

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
SQWTD DSQENTRY MBNAME=WORKTODO WORK TO DO DRIVER					
End of Comment					
760	(2F8)	SIGNED	4	DSQWTD (0)	
760	(2F8)	ADDRESS	4		ECF Address
764	(2FC)	BITSTRING	1	(3)	Must be zero
767	(2FF)	BITSTRING	1		ECF Mask
768	(300)	BITSTRING	1		Flag byte
769	(301)	BITSTRING	1	(3)	Reserved for Development
772	(304)	ADDRESS	4		Staging area queue head
776	(308)	ADDRESS	4		Staging area queue tail
780	(30C)	CHARACTER	16		JESXCF mailbox name
Comment					
SQSS1 DSQENTRY MBNAME=SSICSQ1 SSICS QUEUE 1					
End of Comment					
796	(31C)	SIGNED	4	DSQSS1 (0)	
796	(31C)	ADDRESS	4		ECF Address
800	(320)	BITSTRING	1	(3)	Must be zero
803	(323)	BITSTRING	1		ECF Mask
804	(324)	BITSTRING	1		Flag byte
805	(325)	BITSTRING	1	(3)	Reserved for Development
808	(328)	ADDRESS	4		Staging area queue head
812	(32C)	ADDRESS	4		Staging area queue tail
816	(330)	CHARACTER	16		JESXCF mailbox name
Comment					
SQSS2 DSQENTRY MBNAME=SSICSQ2 SSICS QUEUE 2					
End of Comment					
832	(340)	SIGNED	4	DSQSS2 (0)	
832	(340)	ADDRESS	4		ECF Address
836	(344)	BITSTRING	1	(3)	Must be zero
839	(347)	BITSTRING	1		ECF Mask
840	(348)	BITSTRING	1		Flag byte
841	(349)	BITSTRING	1	(3)	Reserved for Development
844	(34C)	ADDRESS	4		Staging area queue head
848	(350)	ADDRESS	4		Staging area queue tail
852	(354)	CHARACTER	16		JESXCF mailbox name
Comment					
SQMDR DSQENTRY MBNAME=MODIFYDV MODIFY DRIVER					
End of Comment					
868	(364)	SIGNED	4	DSQMDR (0)	
868	(364)	ADDRESS	4		ECF Address
872	(368)	BITSTRING	1	(3)	Must be zero
875	(36B)	BITSTRING	1		ECF Mask
876	(36C)	BITSTRING	1		Flag byte
877	(36D)	BITSTRING	1	(3)	Reserved for Development
880	(370)	ADDRESS	4		Staging area queue head
884	(374)	ADDRESS	4		Staging area queue tail
888	(378)	CHARACTER	16		JESXCF mailbox name

IATYDSQ Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
SQIDR DSQENTRY MBNAME=INQUIRYDV INQUIRY DRIVER					
End of Comment					
904	(388)	SIGNED	4	DSQIDR (0)	
904	(388)	ADDRESS	4		ECF Address
908	(38C)	BITSTRING	1	(3)	Must be zero
911	(38F)	BITSTRING	1		ECF Mask
912	(390)	BITSTRING	1		Flag byte
913	(391)	BITSTRING	1	(3)	Reserved for Development
916	(394)	ADDRESS	4		Staging area queue head
920	(398)	ADDRESS	4		Staging area queue tail
924	(39C)	CHARACTER	16		
Comment					
SQCNQ DSQENTRY MBNAME=CHGENQUSE CHANGE ENQUEUE USE ATTRIBUTE					
End of Comment					
940	(3AC)	SIGNED	4	DSQCQNQ (0)	
940	(3AC)	ADDRESS	4		ECF Address
944	(3B0)	BITSTRING	1	(3)	Must be zero
947	(3B3)	BITSTRING	1		ECF Mask
948	(3B4)	BITSTRING	1		Flag byte
949	(3B5)	BITSTRING	1	(3)	Reserved for Development
952	(3B8)	ADDRESS	4		Staging area queue head
956	(3BC)	ADDRESS	4		Staging area queue tail
960	(3C0)	CHARACTER	16		
Comment					
SQPSI DSQENTRY MBNAME=PSO PROCESS SYSOUT					
End of Comment					
976	(3D0)	SIGNED	4	DSQPSI (0)	
976	(3D0)	ADDRESS	4		ECF Address
980	(3D4)	BITSTRING	1	(3)	Must be zero
983	(3D7)	BITSTRING	1		ECF Mask
984	(3D8)	BITSTRING	1		Flag byte
985	(3D9)	BITSTRING	1	(3)	Reserved for Development
988	(3DC)	ADDRESS	4		Staging area queue head
992	(3E0)	ADDRESS	4		Staging area queue tail
996	(3E4)	CHARACTER	16		JESXCF mailbox name
Comment					
SQDDR DSQENTRY MBNAME=TAPEDDR TAPE DDR PROCESSING					
End of Comment					
1012	(3F4)	SIGNED	4	DSQDDR (0)	
1012	(3F4)	ADDRESS	4		ECF Address
1016	(3F8)	BITSTRING	1	(3)	Must be zero
1019	(3FB)	BITSTRING	1		ECF Mask
1020	(3FC)	BITSTRING	1		Flag byte
1021	(3FD)	BITSTRING	1	(3)	Reserved for Development
1024	(400)	ADDRESS	4		Staging area queue head
1028	(404)	ADDRESS	4		Staging area queue tail
1032	(408)	CHARACTER	16		JESXCF mailbox name

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
SQTCRSRV DSQENTRY MBNAME=TCSRVR TCPIP NJE service					
End of Comment					
1048	(418)	SIGNED	4	DSQTCSRVR (0)	
1048	(418)	ADDRESS	4		ECF Address
1052	(41C)	BITSTRING	1	(3)	Must be zero
1055	(41F)	BITSTRING	1		ECF Mask
1056	(420)	BITSTRING	1		Flag byte
1057	(421)	BITSTRING	1	(3)	Reserved for Development
1060	(424)	ADDRESS	4		Staging area queue head
1064	(428)	ADDRESS	4		Staging area queue tail
1068	(42C)	CHARACTER	16		JESXCF mailbox name
Comment					
SQPATH DSQENTRY MBNAME=VARYPATH VARY PATH					
End of Comment					
1084	(43C)	SIGNED	4	DSQPATH (0)	
1084	(43C)	ADDRESS	4		ECF Address
1088	(440)	BITSTRING	1	(3)	Must be zero
1091	(443)	BITSTRING	1		ECF Mask
1092	(444)	BITSTRING	1		Flag byte
1093	(445)	BITSTRING	1	(3)	Reserved for Development
1096	(448)	ADDRESS	4		Staging area queue head
1100	(44C)	ADDRESS	4		Staging area queue tail
1104	(450)	CHARACTER	16		JESXCF mailbox name
Comment					
SQDYNAL DSQENTRY MBNAME=DYNAL DYNAL - ALLOC					
End of Comment					
1120	(460)	SIGNED	4	DSQDYNAL (0)	
1120	(460)	ADDRESS	4		ECF Address
1124	(464)	BITSTRING	1	(3)	Must be zero
1127	(467)	BITSTRING	1		ECF Mask
1128	(468)	BITSTRING	1		Flag byte
1129	(469)	BITSTRING	1	(3)	Reserved for Development
1132	(46C)	ADDRESS	4		Staging area queue head
1136	(470)	ADDRESS	4		Staging area queue tail
1140	(474)	CHARACTER	16		
Comment					
SQDYNUN DSQENTRY MBNAME=DYNUN DYNAL - UNALLOC					
End of Comment					
1156	(484)	SIGNED	4	DSQDYNUN (0)	
1156	(484)	ADDRESS	4		ECF Address
1160	(488)	BITSTRING	1	(3)	Must be zero
1163	(48B)	BITSTRING	1		ECF Mask
1164	(48C)	BITSTRING	1		Flag byte
1165	(48D)	BITSTRING	1	(3)	Reserved for Development
1168	(490)	ADDRESS	4		Staging area queue head
1172	(494)	ADDRESS	4		Staging area queue tail
1176	(498)	CHARACTER	16		JESXCF mailbox name

IATYDSQ Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
SQDYND DSQENTRY MBNAME=DYND DYNAL - CHANGE DDNAME					
End of Comment					
1192	(4A8)	SIGNED	4	DSQDYND (0)	
1192	(4A8)	ADDRESS	4		ECF Address
1196	(4AC)	BITSTRING	1	(3)	Must be zero
1199	(4AF)	BITSTRING	1		ECF Mask
1200	(4B0)	BITSTRING	1		Flag byte
1201	(4B1)	BITSTRING	1	(3)	Reserved for Development
1204	(4B4)	ADDRESS	4		Staging area queue head
1208	(4B8)	ADDRESS	4		Staging area queue tail
1212	(4BC)	CHARACTER	16		JESXCF mailbox name
Comment					
SQDDRD DSQENTRY MBNAME=DASDDDR DASD DDR PROCESSING					
End of Comment					
1228	(4CC)	SIGNED	4	DSQDDRD (0)	
1228	(4CC)	ADDRESS	4		ECF Address
1232	(4D0)	BITSTRING	1	(3)	Must be zero
1235	(4D3)	BITSTRING	1		ECF Mask
1236	(4D4)	BITSTRING	1		Flag byte
1237	(4D5)	BITSTRING	1	(3)	Reserved for Development
1240	(4D8)	ADDRESS	4		Staging area queue head
1244	(4DC)	ADDRESS	4		Staging area queue tail
1248	(4E0)	CHARACTER	16		JESXCF mailbox name
Comment					
SQFSS DSQENTRY MBNAME=FSS, COMMUNICATION FROM AN FSS DYNAMIC=YES FLAG AS DYNAMIC DESTQ ENTRY					
End of Comment					
1264	(4F0)	SIGNED	4	DSQFSS (0)	
1264	(4F0)	ADDRESS	4		ECF Address
1268	(4F4)	BITSTRING	1	(3)	Must be zero
1271	(4F7)	BITSTRING	1		ECF Mask
1272	(4F8)	ADDRESS	1		Flag byte
1273	(4F9)	BITSTRING	1	(3)	Reserved for Development
1276	(4FC)	ADDRESS	4		Staging area queue head
1280	(500)	ADDRESS	4		Staging area queue tail
1284	(504)	BITSTRING	16		No mail box name in dynamic destination queue entry
Comment					
SQCIDRV DSQENTRY MBNAME=CIDRIVER CI DRIVER					
End of Comment					
1300	(514)	SIGNED	4	DSQCIDRV (0)	
1300	(514)	ADDRESS	4		ECF Address
1304	(518)	BITSTRING	1	(3)	Must be zero
1307	(51B)	BITSTRING	1		ECF Mask
1308	(51C)	BITSTRING	1		Flag byte
1309	(51D)	BITSTRING	1	(3)	Reserved for Development
1312	(520)	ADDRESS	4		Staging area queue head
1316	(524)	ADDRESS	4		Staging area queue tail
1320	(528)	CHARACTER	16		JESXCF mailbox name

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
SQIOERR DSQENTRY MBNAME=IOERR SPOOL WRITE ERROR					
End of Comment					
1336	(538)	SIGNED	4	DSQIOERR (0)	
1336	(538)	ADDRESS	4		ECF Address
1340	(53C)	BITSTRING	1	(3)	Must be zero
1343	(53F)	BITSTRING	1		ECF Mask
1344	(540)	BITSTRING	1		Flag byte
1345	(541)	BITSTRING	1	(3)	Reserved for Development
1348	(544)	ADDRESS	4		Staging area queue head
1352	(548)	ADDRESS	4		Staging area queue tail
1356	(54C)	CHARACTER	16		JESXCF mailbox name
Comment					
SQBBDT DSQENTRY MBNAME=BDT BDT SUBSYSTEM (62)					
End of Comment					
1372	(55C)	SIGNED	4	DSQBBDT (0)	
1372	(55C)	ADDRESS	4		ECF Address
1376	(560)	BITSTRING	1	(3)	Must be zero
1379	(563)	BITSTRING	1		ECF Mask
1380	(564)	BITSTRING	1		Flag byte
1381	(565)	BITSTRING	1	(3)	Reserved for Development
1384	(568)	ADDRESS	4		Staging area queue head
1388	(56C)	ADDRESS	4		Staging area queue tail
1392	(570)	CHARACTER	16		JESXCF mailbox name
Comment					
SQBSHTL DSQENTRY MBNAME=BDTSHUTTL BDT SHUTTLE STARS (63)					
End of Comment					
1408	(580)	SIGNED	4	DSQBSHTL (0)	
1408	(580)	ADDRESS	4		ECF Address
1412	(584)	BITSTRING	1	(3)	Must be zero
1415	(587)	BITSTRING	1		ECF Mask
1416	(588)	BITSTRING	1		Flag byte
1417	(589)	BITSTRING	1	(3)	Reserved for Development
1420	(58C)	ADDRESS	4		Staging area queue head
1424	(590)	ADDRESS	4		Staging area queue tail
1428	(594)	CHARACTER	16		JESXCF mailbox name
Comment					
SQPJCL DSQENTRY MBNAME=PJCL ARM PJCL Service					
End of Comment					
1444	(5A4)	SIGNED	4	DSQPJCL (0)	
1444	(5A4)	ADDRESS	4		ECF Address
1448	(5A8)	BITSTRING	1	(3)	Must be zero
1451	(5AB)	BITSTRING	1		ECF Mask
1452	(5AC)	BITSTRING	1		Flag byte
1453	(5AD)	BITSTRING	1	(3)	Reserved for Development
1456	(5B0)	ADDRESS	4		Staging area queue head
1460	(5B4)	ADDRESS	4		Staging area queue tail
1464	(5B8)	CHARACTER	16		JESXCF mailbox name

IATYDSQ Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
SQSAPI DSQENTRY MBNAME=SAPI SYSOUT Appl Prog Interface					
End of Comment					
1480	(5C8)	SIGNED	4	DSQSAPI (0)	
1480	(5C8)	ADDRESS	4		ECF Address
1484	(5CC)	BITSTRING	1	(3)	Must be zero
1487	(5CF)	BITSTRING	1		ECF Mask
1488	(5D0)	BITSTRING	1		Flag byte
1489	(5D1)	BITSTRING	1	(3)	Reserved for Development
1492	(5D4)	ADDRESS	4		Staging area queue head
1496	(5D8)	ADDRESS	4		Staging area queue tail
1500	(5DC)	CHARACTER	16		JESXCF mailbox name
Comment					
SQENST DSQENTRY MBNAME=ENSTATUS Enhanced Status					
End of Comment					
1516	(5EC)	SIGNED	4	DSQENST (0)	
1516	(5EC)	ADDRESS	4		ECF Address
1520	(5F0)	BITSTRING	1	(3)	Must be zero
1523	(5F3)	BITSTRING	1		ECF Mask
1524	(5F4)	BITSTRING	1		Flag byte
1525	(5F5)	BITSTRING	1	(3)	Reserved for Development
1528	(5F8)	ADDRESS	4		Staging area queue head
1532	(5FC)	ADDRESS	4		Staging area queue tail
1536	(600)	CHARACTER	16		JESXCF mailbox name
Comment					
SQWLM DSQENTRY MBNAME=WLM Workload Manager					
End of Comment					
1552	(610)	SIGNED	4	DSQWLM (0)	
1552	(610)	ADDRESS	4		ECF Address
1556	(614)	BITSTRING	1	(3)	Must be zero
1559	(617)	BITSTRING	1		ECF Mask
1560	(618)	BITSTRING	1		Flag byte
1561	(619)	BITSTRING	1	(3)	Reserved for Development
1564	(61C)	ADDRESS	4		Staging area queue head
1568	(620)	ADDRESS	4		Staging area queue tail
1572	(624)	CHARACTER	16		JESXCF mailbox name
Comment					
SQJMSG DSQENTRY MBNAME=JESMSG JESMSG offloading					
End of Comment					
1588	(634)	SIGNED	4	DSQJMSG (0)	
1588	(634)	ADDRESS	4		ECF Address
1592	(638)	BITSTRING	1	(3)	Must be zero
1595	(63B)	BITSTRING	1		ECF Mask
1596	(63C)	BITSTRING	1		Flag byte
1597	(63D)	BITSTRING	1	(3)	Reserved for Development
1600	(640)	ADDRESS	4		Staging area queue head
1604	(644)	ADDRESS	4		Staging area queue tail
1608	(648)	CHARACTER	16		JESXCF mailbox name

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
SQLMLC DSQENTRY MBNAME=LMLC Local Load Module Load/Call					
End of Comment					
1624	(658)	SIGNED	4	DSQMLC (0)	
1624	(658)	ADDRESS	4		ECF Address
1628	(65C)	BITSTRING	1	(3)	Must be zero
1631	(65F)	BITSTRING	1		ECF Mask
1632	(660)	BITSTRING	1		Flag byte
1633	(661)	BITSTRING	1	(3)	Reserved for Development
1636	(664)	ADDRESS	4		Staging area queue head
1640	(668)	ADDRESS	4		Staging area queue tail
1644	(66C)	CHARACTER	16		JESXCF mailbox name
Comment					
SQJPC DSQENTRY MBNAME=JPC JES Prop: Classes					
End of Comment					
1660	(67C)	SIGNED	4	DSQJPC (0)	
1660	(67C)	ADDRESS	4		ECF Address
1664	(680)	BITSTRING	1	(3)	Must be zero
1667	(683)	BITSTRING	1		ECF Mask
1668	(684)	BITSTRING	1		Flag byte
1669	(685)	BITSTRING	1	(3)	Reserved for Development
1672	(688)	ADDRESS	4		Staging area queue head
1676	(68C)	ADDRESS	4		Staging area queue tail
1680	(690)	CHARACTER	16		JESXCF mailbox name
Comment					
SQJPI DSQENTRY MBNAME=JPI JES Prop: Initiators					
End of Comment					
1696	(6A0)	SIGNED	4	DSQJPI (0)	
1696	(6A0)	ADDRESS	4		ECF Address
1700	(6A4)	BITSTRING	1	(3)	Must be zero
1703	(6A7)	BITSTRING	1		ECF Mask
1704	(6A8)	BITSTRING	1		Flag byte
1705	(6A9)	BITSTRING	1	(3)	Reserved for Development
1708	(6AC)	ADDRESS	4		Staging area queue head
1712	(6B0)	ADDRESS	4		Staging area queue tail
1716	(6B4)	CHARACTER	16		JESXCF mailbox name
Comment					
SQJPN DSQENTRY MBNAME=JPN JES Prop: Nodes					
End of Comment					
1732	(6C4)	SIGNED	4	DSQJPN (0)	
1732	(6C4)	ADDRESS	4		ECF Address
1736	(6C8)	BITSTRING	1	(3)	Must be zero
1739	(6CB)	BITSTRING	1		ECF Mask
1740	(6CC)	BITSTRING	1		Flag byte
1741	(6CD)	BITSTRING	1	(3)	Reserved for Development
1744	(6D0)	ADDRESS	4		Staging area queue head
1748	(6D4)	ADDRESS	4		Staging area queue tail
1752	(6D8)	CHARACTER	16		JESXCF mailbox name

IATYDSQ Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
SQJPS DSQENTRY MBNAME=JPS JES Prop: Spool Partition					
End of Comment					
1768	(6E8)	SIGNED	4	DSQJPS (0)	
1768	(6E8)	ADDRESS	4		ECF Address
1772	(6EC)	BITSTRING	1	(3)	Must be zero
1775	(6EF)	BITSTRING	1		ECF Mask
1776	(6F0)	BITSTRING	1		Flag byte
1777	(6F1)	BITSTRING	1	(3)	Reserved for Development
1780	(6F4)	ADDRESS	4		Staging area queue head
1784	(6F8)	ADDRESS	4		Staging area queue tail
1788	(6FC)	CHARACTER	16		JESXCF mailbox name
Comment					
SQJPX DSQENTRY MBNAME=JPX JES Prop: JESplex					
End of Comment					
1804	(70C)	SIGNED	4	DSQJPX (0)	
1804	(70C)	ADDRESS	4		ECF Address
1808	(710)	BITSTRING	1	(3)	Must be zero
1811	(713)	BITSTRING	1		ECF Mask
1812	(714)	BITSTRING	1		Flag byte
1813	(715)	BITSTRING	1	(3)	Reserved for Development
1816	(718)	ADDRESS	4		Staging area queue head
1820	(71C)	ADDRESS	4		Staging area queue tail
1824	(720)	CHARACTER	16		JESXCF mailbox name
Comment					
SQSJF DSQENTRY MBNAME=SJF Scheduler JCL Facilities					
End of Comment					
1840	(730)	SIGNED	4	DSQSJF (0)	
1840	(730)	ADDRESS	4		ECF Address
1844	(734)	BITSTRING	1	(3)	Must be zero
1847	(737)	BITSTRING	1		ECF Mask
1848	(738)	BITSTRING	1		Flag byte
1849	(739)	BITSTRING	1	(3)	Reserved for Development
1852	(73C)	ADDRESS	4		Staging area queue head
1856	(740)	ADDRESS	4		Staging area queue tail
1860	(744)	CHARACTER	16		JESXCF mailbox name
Comment					
SQJDV DSQENTRY MBNAME=JDV JES Managed Devices					
End of Comment					
1876	(754)	SIGNED	4	DSQJDV (0)	
1876	(754)	ADDRESS	4		ECF Address
1880	(758)	BITSTRING	1	(3)	Must be zero
1883	(75B)	BITSTRING	1		ECF Mask
1884	(75C)	BITSTRING	1		Flag byte
1885	(75D)	BITSTRING	1	(3)	Reserved for Development
1888	(760)	ADDRESS	4		Staging area queue head
1892	(764)	ADDRESS	4		Staging area queue tail
1896	(768)	CHARACTER	16		JESXCF mailbox name

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
SQRSD6 DSQENTRY MBNAME=RSVD6 Reserved for USER					
End of Comment					
1912	(778)	SIGNED	4	DSQRSD6 (0)	
1912	(778)	ADDRESS	4		ECF Address
1916	(77C)	BITSTRING	1	(3)	Must be zero
1919	(77F)	BITSTRING	1		ECF Mask
1920	(780)	BITSTRING	1		Flag byte
1921	(781)	BITSTRING	1	(3)	Reserved for Development
1924	(784)	ADDRESS	4		Staging area queue head
1928	(788)	ADDRESS	4		Staging area queue tail
1932	(78C)	CHARACTER	16		JESXCF mailbox name
Comment					
SQRSD7 DSQENTRY MBNAME=RSVD7 Reserved for USER					
End of Comment					
1948	(79C)	SIGNED	4	DSQRSD7 (0)	
1948	(79C)	ADDRESS	4		ECF Address
1952	(7A0)	BITSTRING	1	(3)	Must be zero
1955	(7A3)	BITSTRING	1		ECF Mask
1956	(7A4)	BITSTRING	1		Flag byte
1957	(7A5)	BITSTRING	1	(3)	Reserved for Development
1960	(7A8)	ADDRESS	4		Staging area queue head
1964	(7AC)	ADDRESS	4		Staging area queue tail
1968	(7B0)	CHARACTER	16		JESXCF mailbox name
Comment					
SQRSD8 DSQENTRY MBNAME=RSVD8 Reserved for USER					
End of Comment					
1984	(7C0)	SIGNED	4	DSQRSD8 (0)	
1984	(7C0)	ADDRESS	4		ECF Address
1988	(7C4)	BITSTRING	1	(3)	Must be zero
1991	(7C7)	BITSTRING	1		ECF Mask
1992	(7C8)	BITSTRING	1		Flag byte
1993	(7C9)	BITSTRING	1	(3)	Reserved for Development
1996	(7CC)	ADDRESS	4		Staging area queue head
2000	(7D0)	ADDRESS	4		Staging area queue tail
2004	(7D4)	CHARACTER	16		JESXCF mailbox name
Comment					
SQRSD9 DSQENTRY MBNAME=RSVD9 Reserved for USER					
End of Comment					
2020	(7E4)	SIGNED	4	DSQRSD9 (0)	
2020	(7E4)	ADDRESS	4		ECF Address
2024	(7E8)	BITSTRING	1	(3)	Must be zero
2027	(7EB)	BITSTRING	1		ECF Mask
2028	(7EC)	BITSTRING	1		Flag byte
2029	(7ED)	BITSTRING	1	(3)	Reserved for Development
2032	(7F0)	ADDRESS	4		Staging area queue head
2036	(7F4)	ADDRESS	4		Staging area queue tail
2040	(7F8)	CHARACTER	16		JESXCF mailbox name
2040	(7F8)	X'808'	0	DSQEND	*** END OF DEST ROUTING QUEUES
2056	(808)	BITSTRING	1	DSQSIZE (0)	SIZE OF DEST ROUTING TABLE

IATYDSQ Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	FSQSTART	FSS-LEVEL DESTQ ENTRY
0	(0)	SIGNED	4	FSQFSACT	NUMBER OF DESTQ ENTRIES IN FSA-LEVEL DESTQ TABLE
4	(4)	SIGNED	4	(2)	
12	(C)	ADDRESS	4	FSQFSAPT	ADDRESS OF FSA-LEVEL DESTQ TABLE
16	(10)	SIGNED	4	FSQEND (0)	END OF FSS-LEVEL DESTQ ENTRY
16	(10)	X'10'	0	FSQLEN	"FSQEND-FSQSTART" FSS-LEVEL DESTQ ENTRY LENGTH

IATYDSQ Cross Reference

Name

DSQACT
 DSQBDT
 DSQBSHTL
 DSQCAL
 DSQCDD
 DSQCIDRV
 DSQCNQ
 DSQCUAL
 DSQC34
 DSQDAL
 DSQDDR
 DSQDDR
 DSQDNAQ
 DSQDYNAL
 DSQDYNAM
 DSQDYNDD
 DSQDYNUN
 DSQECFA
 DSQECFM
 DSQEND
 DSQENST
 DSQFLG
 DSQFSFLG
 DSQFSMIN
 DSQFSQCT
 DSQFSQEN
 DSQFSQHI
 DSQFSQLO
 DSQFSQNX
 DSQFSQPT
 DSQFSQST
 DSQFSQSZ
 DSQFSRS1
 DSQFSRS2
 DSQFSRS3
 DSQFSS
 DSQFSSQ
 DSQGMS
 DSQGSCH
 DSQIDR
 DSQIOERR
 DSQJDV
 DSQJMSG
 DSQJPC
 DSQJPI

Name

DSQJPN
DSQJPS
DSQJPX
DSQJSAM
DSQLMLC

DSQLOCA
DSQMBCRT
DSQMBNAM
DSQMDR
DSQMDSQ

DSQMSV
DSQPATH
DSQPJCL
DSQPSI
DSQQEND

DSQQHD
DSQQSIZE
DSQQST
DSQQTAIL
DSQRS10

DSQRS6
DSQRS7
DSQRS8
DSQRS9
DSQRSVD

DSQSAPI
DSQSIZE
DSQSJF
DSQSS1
DSQSS2

DSQSTART
DSQSUSPA
DSQTCSR
DSQUTK
DSQVER

DSQVRS
DSQWLM
DSQWTD
DSQWTO
FSQEND

FSQFSACT
FSQFSAPT
FSQLEN
FSQSTART
IATSSDQ

IATYDSS Information

IATYDSS Programming Interface information

Programming Interface information

IATYDSS

The following fields are **NOT** programming interface information:

- DSSDSB
- DSSSAVE1
- DSSSAVE2
- DSSWORK

End of Programming Interface information

Heading Information • IATYDSS Map

IATYDSS Heading Information

Common Name: DEFINITION OF THE DATA SET STATUS BLOCK (DSS)
Macro ID: IATYDSS
DSECT Name: DSSSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: DSS
 Offset: 0
 Length: 4
Storage Attributes: Subpool: 241
 Key: 1
 Data Space: None
 Residency: Any
Size: 324 Bytes
Created by: IATSIADD in IATSIAD
Pointed to by: MEMDSS and MEMRRDSS in IATYMEM,
 15606T6C
 ICTJCDSS, ICTJEDSS, and ICTSYDSS in IATYICT
 DMCFDDSS in IATYDMC,
 DFRDSS in IATYDFR,
 IEBFILE in IATYIEB,
 IOPSRBQ in IATYIOP,
 JFCBDSNM (in EBCDIC) in IEFJFCBN,
 RABPOSTQ in IATYRAB,
 SRBPARM in IHASRB,
 SSDASSCM in IEFSSDA,
 SSSODSN (in EBCDIC) in IEFJSSOB,
 SVTPBUFQ in IATYSVT,
 DSB DSS in IATYDSB
 DSSNXDSS in IATYDSS
 RREDSSAD in IATYRRE
Serialization: LOCAL LOCK
Function: Contains data set status (OPEN, CLOSED, etc.)

IATYDSS Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DSSSTART	
0	(0)	CHARACTER	4	DSSID	DSS block identifier
4	(4)	ADDRESS	4	DSSDSB	Associated DSB address
8	(8)	ADDRESS	4	DSSMEMQ	Next DSS on the IATYMEM Q
8	(8)	X'8'	0	DSSFREEQ	"DSSMEMQ" NEXT DSS ON SVTFDSSQ
12	(C)	ADDRESS	4	DSSMEME	Addr of MEMENTRY in IATYMEM
16	(10)	ADDRESS	4	DSSSSVT	Addr of the IATYSVT (SSVT)
20	(14)	SIGNED	4	DSSCLEAR (0)	Start of DSS clear area
20	(14)	SIGNED	4	DSSRSVS1	Reserved for service

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
<p>DSS Wait and I/O Queuing Parameters The queuing parameters are serialized via compare and swap logic and have the following format: (1) DSSNXDSS - Contains the address of the next DSS on the specified queue. The DSS can be on one of the following queues: (A) RABPOSTQ - Queue of DSS'S waiting for tracks to become available. (b) SVTPBQ (SVTPBUFQ) - Queue of DSS's waiting for USAM PBUFs to become available. (c) IOPSRBWT (IOPSRBQ) - Queue of DSS's that are waiting for an SRB to become available. The internal macros ADD_DSS and RESET_DSS should be used to add the DSS to the specified queue, and to reset the DSS once it has been removed from the specified queue. These macros will check the validity of the request by examining a bit in DSSTFLG1 to determine if the DSS is already queued or dequeued. Note: For debugging purposes, DSSNXDSS is NOT cleared after it is removed from the queue. Therefore, the user should not rely on the contents of this field after it is removed from the queue.</p> <p>(2) DSSIOQ - Contains the I/O status and wait information. It consists of three parts: (a) DSSWFLAG - Contains information about why a particular task is waiting. For example, the task is waiting for I/O or the task is waiting for UBUFs to become available. (b) DSSUBCNT - Contains the number of USAM user buffers (UBUFs) that are waiting for a USAM protected buffer (PBUF) to become available. (c) DSSIOCNT - Contains the number of I/O requests that must complete before this task can continue.</p>					
End of Comment					
24	(18)	DBL WORD	8	DSSQPRMS	QUEUING PARAMETERS
24	(18)	X'18'	0	DSSNXDSS	"DSSQPRMS,4,C'A" NEXT DSS ON THE Q
24	(18)	X'1C'	0	DSSIOQ	"DSSQPRMS+4,4,C'F" I/O Q STATUS AND WAIT INFO
24	(18)	X'1D'	0	DSSUBCNT	"DSSIOQ+1,1,C'C" UBUF CNT WAITING FOR PBUFs
24	(18)	X'1E'	0	DSSIOCNT	"DSSIOQ+2,2,C'H" ACTIVE I/O COUNT
24	(18)	X'1C'	0	DSSWFLAG	"DSSIOQ,1,C'C" DSS Wait Flag
Comment					
<p>----- Definition of DSSWFLAG. -----</p>					
End of Comment					
		1... ..		DSSPREQ	"X'80" A post is required for some wait condition. This flag is always set in conjunction with one or more other wait flags to indicate that the task is waiting for some condition. This flag should never be on by itself, and should always be on if any other flag is on.

IATYDSS Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.1..		DSSDMWT	"X'40" A data management request is waiting. This flag is set to indicate that the task is waiting for USAM UBUFs (DSSNOUBF), a data management point wait (DSSPOINT), or for I/O completion (no other flag set other than DSSPREQ). When this flag is set, the ECB designated by the field DSBECEB is posted.
		..1.		DSSSSWT	"X'20" An SSI request is waiting for the data set. This flag is set to indicate that an SSI related routine such as End-of-Task etc. is waiting for I/O processing to quiesce for this data set. When this flag is set, the ECB designated by the field DSBSSECB is posted.
		...1		DSSNOPST	"X'10" End-of-task or end-of- memory has occurred for the task or address space associated with this request, and the ECB associated with this request should not be posted.
		.... 1...		DSSPOINT	"X'08" A point operation is in progress. This flag is set in conjunction with DSSDMWT.
		.... .1..		DSSCLOSI	"X'04" Data set close has been initiated. This flag is set in conjunction with DSSSSWT to indicate that an SSI function is waiting for close processing to complete for this data set. This means that IATDMEBS 11485TAC should bypass posting the data management ECB (DSBECEB). If DSSSSWT is on but DSSCLOSI is NOT on, 11485TAC IATDMEBS may post DSBECEB in 11485TAC addition to DSBSSECB. 11485TAC
		.... ..1.		DSSNOUBF	"X'02" The task is waiting for USAM UBUFs to become available. This flag is set in conjunction with DSSDMWT.
		.... ...1		DSSRSVW7	"X'01" Reserved for wait function

Comment

DSS Spool Addresses.

End of Comment

32	(20)	BITSTRING	1	DSSRECAD	SPOOL ADDRESSES
32	(20)	X'20'	0	DSSTHIS	"DSSRECAD,L'FDBSPADR" SPOOL ADDR FOR THIS BUFFER SPOOL MOD/RECORD SUBFIELDS
32	(20)	X'20'	0	DSSSPMOD	"DSSTHIS,L'FDBSPMOD" MODULE NUMBER OF SPOOL EXTENT
32	(20)	X'22'	0	DSSSPREC	"DSSTHIS+L'FDBSPMOD,L'FDBSPREC" RECORD NO OF EXTENT
32	(20)	X'26'	0	DSSFIRST	"DSSRECAD+L'FDBSPADR,L'FDBSPADR" SPOOL ADDR FOR 1ST BUFFER
32	(20)	X'2C'	0	DSSPREV	"DSSRECAD+2*L'FDBSPADR,L'FDBSPADR" SPOOL ADDR FOR PRIOR BUFFER
32	(20)	X'32'	0	DSSNEXT	"DSSRECAD+3*L'FDBSPADR,L'FDBSPADR" SPOOL ADDR FOR NEXT BUFFER

Comment

DSS Control Block Addresses.

End of Comment

56	(38)	ADDRESS	4	DSSASCB	ASCB ADDR ASSOC WITH THE I/O
60	(3C)	ADDRESS	4	DSSRAB	ADDR OF IATYRAB FOR THIS DSS
64	(40)	ADDRESS	4	DSSPBUFF	PROT BUFF ADR (INP REQ ONLY)
68	(44)	ADDRESS	4	DSSTCB	TCB ADDR ASSOCIATED WITH I/O
72	(48)	ADDRESS	4	DSSFRRPA	DATA MAN FRR PARM AREA ADDR

Comment

DSS Save Areas and Flags.

End of Comment

76	(4C)	BITSTRING	6	DSSSPADR	SPOOL ADDRESS SAVE AREA
----	------	-----------	---	----------	-------------------------

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
82	(52)	BITSTRING	6	DSSSPSAV	SPOOL ADDRESS SAVE AREA
88	(58)	BITSTRING	1	DSSTATAD	ADDR OF JBAT FOR D.S. TAT
88	(58)	X'58'	0	DSSEWVAL	"DSSTATAD,4" VALIDATION FOR EXT WTR D.S.
94	(5E)	BITSTRING	1	DSSVIOER	I/O ERR FOR VAL ERROR
95	(5F)	BITSTRING	1	DSSFLAG7	Flag, bits shown below

Comment

Definition of DSSFLAG7

These flags pertain to spinoff processing of the JESMSG LG and JESYSMSG datasets.
NOTE: The below flag definition must match that of flag byte JSPFLAG1 in IATYJLSP.

End of Comment

		1... ..		DSSJMREQ	"X'80" Request is for JESMSG LG
		.1.		DSSSMREQ	"X'40" Request is for JESYSMSG
		..1.		DSSLINRQ	"X'20" Request is for line count
		...1		DSSTINRQ	"X'10" Request is for time interval
		.... 1...		DSSTODRQ	"X'08" Request is for time of day
		.... .1..		DSSCMDRQ	"X'04" Request is for op command
		.... .1.		DSSFL702	"X'02" Reserved for IBM
		.... ...1		DSSFL701	"X'01" Reserved for IBM
96	(60)	SIGNED	4	DSSSAVE1	FIRST SAVE AREA
100	(64)	SIGNED	4	DSSSAVE2	SECOND SAVE AREA
104	(68)	SIGNED	2	DSSUBUFC	BUFF CNT AT SRB SCHED TIME
106	(6A)	CHARACTER	1	DSSFLAG0	FLAG BYTE, BITS SHOWN BELOW

Comment

Definition of DSSFLAG0, data set status bits

End of Comment

		1... ..		DSSREAD	"X'80" Single rec file read allowed
		.1.		DSSROPUT	"X'40" Reopen req from 'Put' rtn
		..1.		DSSSIPT	"X'20" SSI 'Put' request
		...1		DSSERROR	"X'10" Uncorrectable i/o error occurred
		.... 1...		DSSSEPFM	"X'08" Do separate FREEMAIN for TAT
		.... .1..		DSSCKPT	"X'04" Checkpoint routine
		.... .1.		DSSRS002	"X'02" Reserved for service
		.... ...1		DSSNORL	"X'01" New buffer needed for EOD
107	(6B)	CHARACTER	1	DSSFLAG1	FLAG BYTE, BITS SHOWN BELOW

Comment

Definition of DSSFLAG1, data set status bits

End of Comment

		1... ..		DSSSYSIN	"X'80" Sysin data set
		.1.		DSSOLD	"X'40" This is an old ds
		..1.		DSSSTCTS	"X'20" STC or TSO int rdr
		...1		DSSINTRD	"X'10" Ordinary INTRDR
		.... 1...		DSSSYOUT	"X'08" Sysout data set
		.... .1..		DSSDSTAT	"X'04" DS has a ds track alloc tble
		.... .1.		DSSJESDS	"X'02" Special jes d.s. (or system)
		.... ...1		DSSPRSYS	"X'01" Process sysout data set
108	(6C)	CHARACTER	1	DSSFLAG2	FLAG BYTE, BITS SHOWN BELOW

IATYDSS Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Definition of DSSFLAG2, data set status bits -----					
End of Comment					
		1... ..		DSSCIDS	"X'80" C/I data set - no MEMENTRY
		.1.		DSENDRI	"X'40" ENDREQ has been initiated
		..1.		DSSTRUNC	"X'20" Count lines for a trunc proc
		...1		DSENDRQ	"X'10" ENDREQ received
		.... 1..		DSSIOERR	"X'08" I/O err recovery active
		.... .1..		DSSSPREQ	"X'04" Specific req, no M.R rotate
		.... ..1.		DSSWRITE	"X'02" Write data req'd
		.... ...1		DSSJNMSG	"X'01" JOURNAL/JESYSMSG d/s
109	(6D)	CHARACTER	1	DSSFLAG3	FLAG BYTE, BITS SHOWN BELOW
----- Definition of DSSFLAG3, data set status bits -----					
End of Comment					
		1... ..		DSSOPEN	"X'80" Data set is open
		.1.		DSSPUT	"X'40" Put is allowed on dataset
		..1.		DSSGET	"X'20" Get is allowed on dataset
		...1		DSSPRINT	"X'10" Count lines for this DSS
		.... 1..		DSSPUNCH	"X'08" Count cards for this DSS
		.... .1..		DSSCLOSO	"X'04" Data set has been closed once 06522SUC
		.... ..1.		DSSRETRY	"X'02" Retry SSISERV once
		.... ...1		DSSJDSE	"X'01" JDS entry built by open
110	(6E)	CHARACTER	1	DSSFLAG4	FLAG BYTE, BITS SHOWN BELOW
----- Definition of DSSFLAG4, data set status bits -----					
End of Comment					
		1... ..		DSSFORPT	"X'80" Move forward only for point
		.1.		DSSMAC	"X'40" Machine carriage control
		..1.		DSSASA	"X'20" ASA carriage control
		...1		DSSOPCDJ	"X'10" OPTCD = J specified in JCL
		.... 1..		DSSRABSC	"X'08" RAB disk addr avail sched
		.... .1..		DSSBAKPT	"X'04" Move backward only for point
		.... ..1.		DSSGETUP	"X'02" Get update received for ds
		.... ...1		DSSMULTB	"X'01" More than 2 buffers used for an input data set
111	(6F)	CHARACTER	1	DSSFLAG5	FLAG, BITS SHOWN BELOW
----- Definition of DSSFLAG5, data set status bits -----					
End of Comment					
		1... ..		DSSNDATA	"X'80" On = no data in dataset
		.1.		DSSBINC	"X'40" Buf in core on getup
		..1.		DSSNOABN	"X'20" Prevent ABEND722 for system tasks (SYSLOG, BDT, Netserv)
		...1		DSSNOWT	"X'10" Don't wait for I/O
		.... 1..		DSSSP722	"X'08" Split record - don't 722

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... .1..		DSSAB722	"X'04" Force ABEND722
		.... .1.		DSSFREE	"X'02" DSS can be freed
		.... ...1		DSSPTCNV	"X'01" RBA line is lolin relative
112	(70)	CHARACTER	1	DSSFLAG6	Flag, bits shown below

Comment

 DEFINITION OF DSSFLAG6

End of Comment

		1...		DSSTSORC	"X'80" Dataset for TSO Receive
		.1..		DSSRRECD	"X'40" RRE completion check has been done for this DSS
		..1.		DSSSTDS	"X'20" Subtask related data set
		...1		DSSOTDES	"X'10" DSS for output descriptor
		.... 1...		DSSEBPST	"X'08" At least one PBUF freed in IATDMEBS
		.... .1..		DSSNOJOB	"X'04" DSS has no job association
		.... .1.		DSSUNRJB	"X'02" DSS is being unallocated during return jobid processing
		.... ...1		DSSCTKN	"X'01" A CTOKEN has been generated for this data set
113	(71)	CHARACTER	44	DSSDSNAM	DSNAME FOR PSO DATA SET (USED FOR UNALLOCATION)
157	(9D)	CHARACTER	83	DSSRTOKN	THE RTOKEN FOR PSO DATASETS 0130
240	(F0)	SIGNED	4	DSSPSTCB	TCB ADDRESS FOR PSO GET 0486 (USED TO DISTINGUISH 0486 DUPLICATE DSNAME) 0486

Comment

DSS Trace flags.
 NOTE: These flags must be serialized via compare and swap logic.

End of Comment

244	(F4)	SIGNED	4	DSSTRCW1 (0)	Trace Flag Word One
244	(F4)	BITSTRING	1	DSSTFLG1	DSS Trace Flag one

Comment

 Definition of DSSTFLG1.

End of Comment

		1...		DSSPBUFQ	"X'80" The DSS is on the PBUF wait queue (anchored from SVTPBUFQ)
		.1..		DSSSRBWQ	"X'40" The DSS is on the SRB wait queue (anchored from IOPSRBWT)
		..1.		DSSRABWQ	"X'20" The DSS is on the RAB wait 06522SUC queue (anchored from RABPOSTQ)
		...1		DSSTF110	"X'10" Reserved for DSS queue flag
		.... 1...		DSSTF108	"X'08" Reserved for DSS queue flag
244	(F4)	X'E0'	0	DSSONDSQ	"DSSPBUFQ+DSSSRBWQ+DSSRABWQ" The DSS is anchored from a DSS queue that uses DSSNXDSS as its chaining field.
		.... .1..		DSSTF104	"X'04" Reserved for trace flag
		.... .1.		DSSTF102	"X'02" Reserved for trace flag
		.... ...1		DSSTF101	"X'01" Reserved for trace flag
245	(F5)	BITSTRING	1	DSSTFLG2	Previous value of DSSTFLG1
246	(F6)	BITSTRING	1	DSSTFLG3	ADD_DSS caller id

IATYDSS Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Definition of DSSTFLG3. -----					
End of Comment					
246	(F6)	X'1'	0	DSSTEB01	"1" Trace id 1 from IATDMEBS 11485TAC
246	(F6)	X'2'	0	DSSTEB02	"2" Trace id 2 from IATDMEBS 11485TAC
246	(F6)	X'3'	0	DSSTEB03	"3" Trace id 3 from IATDMEB
246	(F6)	X'4'	0	DSSTEB04	"4" Trace id 4 from IATDMEB3 11485TAC
246	(F6)	X'5'	0	DSSTDK01	"5" Trace id 5 from IATDMDK
246	(F6)	X'6'	0	DSSTDK02	"6" Trace id 6 from IATDMDK
246	(F6)	X'7'	0	DSSTER01	"7" Trace id 7 from IATDMER
246	(F6)	X'8'	0	DSSTGR01	"8" Trace id 8 from IATDMGR
246	(F6)	X'9'	0	DSSTIT01	"9" Trace id 9 from IATDMIT
246	(F6)	X'A'	0	DSSTOD01	"10" Trace id 10 from IATSIOD
246	(F6)	X'B'	0	DSSTOR01	"11" Trace id 11 from IATSIOR
247	(F7)	BITSTRING	1	DSSTFLG4	Previous value of DSSTFLG3
248	(F8)	SIGNED	4	DSSTOTCB	TCB THAT GETMAINED THIS DSS
252	(FC)	SIGNED	4	DSSRSVDU	RESERVED FOR USER
256	(100)	SIGNED	4	DSSWORK (18)	DSS WORK/SAVE AREA
328	(148)	BITSTRING	1	DSSFLAG8	Flag, bits shown below
----- Definition of DSSFLAG8 -----					
End of Comment					
		1... ..		DSSSPNEL	"X'80" Dataset is eligible for JESMSG LG/JESYSMSG spinoff
		.1... ..		DSSJLSPN	"X'40" JESlog (JESMSG LG/JESYSMSG) SPINOFF required
		..1.		DSSSPNAC	"X'20" Spinoff processing in effect
		...1		DSSJLDFR	"X'10" JESlog spinoff is deferred
		.... 1...		DSSNTSV	"X'08" Netserv allocated dataset 07163SXC
		.... .1..		DSSSYSLG	"X'04" This is a SYSLOG data set 12100S5C
		.... ..1.		DSSFL802	"X'02" Reserved for IBM
		.... ...1		DSSFL801	"X'01" Reserved for IBM
329	(149)	BITSTRING	1	DSSFLAG9	Flag, bits shown below
----- Definition of DSSFLAG9 -----					
End of Comment					
		1... ..		DSSSPLBR	"X'80" Spool browse data set
		.1... ..		DSSSBCTK	"X'40" Spool browse with CTOKEN
		..1.		DSSSBJCL	"X'20" Spool browse JCL data set
		...1		DSSSBPIN	"X'10" Processing in-stream data
		.... 1...		DSSSBCBF	"X'08" Spool browse with core-buf
		.... .1..		DSSCMSLK	"X'04" CMS Lock held
		.... ..1.		DSSPNTFN	"X'02" POINT function in progress 09715S2A
		.... ...1		DSSLOGBR	"X'01" This is a spool browse request for SYSLOG
330	(14A)	BITSTRING	1	DSSTMPID	Temporary id used by EBSBP000 callers in IATDMEBx 11485TAC
331	(14B)	BITSTRING	1	DSSRSVD5	Reserved for development
332	(14C)	SIGNED	4	DSSRSVD2	Reserved for development 0090
336	(150)	SIGNED	4	DSSRSVD3	Reserved for development
340	(154)	SIGNED	4	DSSRSVD4	Reserved for development

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
344	(158)	SIGNED	4	DSSRSVS2	Reserved for service
348	(15C)	SIGNED	4	DSSRSVS3	Reserved for service
352	(160)	SIGNED	4	DSSRSVS4	Reserved for service
356	(164)	SIGNED	4	DSSFEND (0)	END OF BLOCK
356	(164)	X'164'	0	DSSFSIZE	"DSSFEND-DSSSTART" SIZE OF BLOCK
356	(164)	X'14'	0	DSSCLRSZ	"DSSCLEAR,*-DSSCLEAR,C'X'" Size of DSS clear area

IATYDSS Cross Reference

Name

DSSAB722
 DSSASA
 DSSASCB
 DSSBAKPT
 DSSBINC
 DSSCIDS
 DSSCKPT
 DSSCLEAR
 DSSCLOSI
 DSSCLOSO
 DSSCLRSZ
 DSSCMDRQ
 DSSCMLK
 DSSCTKN
 DSSDMWT
 DSSDSB
 DSSDSNAM
 DSSDSTAT
 DSSEBPST
 DSSENDRI
 DSSENDRQ
 DSSERROR
 DSSEWVAL
 DSSFEND
 DSSFIRST
 DSSFLAG0
 DSSFLAG1
 DSSFLAG2
 DSSFLAG3
 DSSFLAG4
 DSSFLAG5
 DSSFLAG6
 DSSFLAG7
 DSSFLAG8
 DSSFLAG9
 DSSFL701
 DSSFL702
 DSSFL801
 DSSFL802
 DSSFORPT
 DSSFREE
 DSSFREEQ
 DSSFRRPA
 DSSFSIZE
 DSSGET
 DSSGETUP
 DSSID
 DSSINTRD
 DSSIOCNT
 DSSIOERR

IATYDSS Cross Reference

Name

DSSIOQ
DSSJDSE
DSSJESDS
DSSJLDFR
DSSJLSPN

DSSJMREQ
DSSJNMSG
DSSLINRQ
DSSLOGBR
DSSMAC

DSSMEME
DSSMEMQ
DSSMULTB
DSSNDATA
DSSNEXT

DSSNOABN
DSSNOJOB
DSSNOPST
DSSNORL
DSSNOUBF

DSSNOWT
DSSNTSV
DSSNXDSS
DSSOLD
DSSONDSQ

DSSOPCDJ
DSSOPEN
DSSOTCB
DSSOTDES
DSSPBUFF

DSSPBUFQ
DSSPNTFN
DSSPOINT
DSSPREQ
DSSPREV

DSSPRINT
DSSPRSYS
DSSPSTCB
DSSPTCNV
DSSPUNCH

DSSPUT
DSSQPRMS
DSSRAB
DSSRABSC
DSSRABWQ

DSSREAD
DSSRECAD
DSSRETRY
DSSROPUT
DSSRRECD

DSSRSVDU
DSSRSVD2
DSSRSVD3
DSSRSVD4
DSSRSVD5

DSSRSVS1
DSSRSVS2
DSSRSVS3
DSSRSVS4
DSSRSVW7

Name

DSSRS002
DSSRTOKN
DSSSAVE1
DSSSAVE2
DSSSBCBF

DSSSBCTK
DSSSBJCL
DSSSBPIN
DSSSEPFM
DSSSMREQ

DSSSPADR
DSSSPLBR
DSSSPMOD
DSSSPNAC
DSSSPNEL

DSSSPREC
DSSSPREQ
DSSSPSAV
DSSSP722
DSSSRBWQ

DSSSIPT
DSSSVT
DSSSWT
DSSSTART
DSSSTCTS

DSSSTDS
DSSSYOUT
DSSSYSIN
DSSSYSLG
DSSTATAD

DSSTCB
DSSTDK01
DSSTDK02
DSSTEB01
DSSTEB02

DSSTEB03
DSSTEB04
DSSTER01
DSSTFLG1
DSSTFLG2

DSSTFLG3
DSSTFLG4
DSSTF101
DSSTF102
DSSTF104

DSSTF108
DSSTF110
DSSTGR01
DSSTHIS
DSSTINRQ

DSSTIT01
DSSTMPID
DSSTODRQ
DSSTOD01
DSSTOR01

DSSTRCW1
DSSTRUNC
DSSTSORC
DSSUBCNT
DSSUBUFC

IATYDSS Cross Reference

Name

DSSUNRJB
DSSVIOER
DSSWFLAG
DSSWORK
DSSWRITE

IATYDST Information

IATYDST Programming Interface information

Programming Interface information

IATYDST

End of Programming Interface information

Heading Information • IATYDST Map

IATYDST Heading Information

Common Name: JES3 DESTINATION CODES
Macro ID: IATYDST
DSECT Name:
Owning Component: JES3 (SC1BA)
Eye-Catcher ID:
Storage Attributes:
Size:
Created by: N/A
Pointed to by: N/A
Serialization: N/A
Function: This macro provides equated values which identify the JES3 destination codes for staging area transmission.

Dependencies- The values defined in the "Definition of DEST Q-ENTRY FLAG" section are dependent upon the DSQFLG values defined in IATYDSQ'S "Format of a QUEUE ENTRY" section.

IATYDST Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	X'3E'	0	DSTBDT	"62" BDT SUBSYSTEM
0	(0)	X'3F'	0	DSTBSHTL	"63" BDT SHUTTLE FOR STARS
0	(0)	X'80'	0	DSTMSV	"128" MAIN SERVICE
0	(0)	X'81'	0	DSTGMS	"129" GENERALIZED MAIN SCHEDULING
0	(0)	X'82'	0	DSTVER	"130" VERIFY
0	(0)	X'83'	0	DSTLOC	"131" LOCATE
0	(0)	X'84'	0	DSTJDSE	"132" USER JDS ACCESS
0	(0)	X'85'	0	DSTUTRK	"133" USER TRACK ALLOCATION
0	(0)	X'86'	0	DSTC34	"134" CONSOLES SVC 34
0	(0)	X'87'	0	DSTCWTO	"135" CONSOLES WTO
0	(0)	X'88'	0	DSTCDOM	"136" CONSOLES DOM
0	(0)	X'89'	0	DSTMVRES	"137" MDS VERIFY RESPONSE
0	(0)	X'8A'	0	DSTWTD	"138" Work to Do Driver for Status Cancel and Validate proc
0	(0)	X'8B'	0	DSTSSQ1	"139" SSICS QUEUE 1
0	(0)	X'8C'	0	DSTSSQ2	"140" SSICS QUEUE 2
0	(0)	X'8D'	0	DSTENDR	"141" ENDREQ
0	(0)	X'8E'	0	DSTMDDR	"142" MODIFY DRIVER
0	(0)	X'8F'	0	DSTIQDR	"143" INQUIRY DRIVER
0	(0)	X'90'	0	DSTOUTPT	"144" Process SYSOUT Interface (PSO)
0	(0)	X'91'	0	DSTCONNECT	"145" SYSTEM CONNECT POST
0	(0)	X'92'	0	DSTNOP	"146" ALT CTC RETRY
0	(0)	X'93'	0	DSTMSS	"147" MAIN SERVICE - MSS
0	(0)	X'94'	0	DSTSTAR	"148" STAGING AREA SHORTAGE
0	(0)	X'95'	0	DSTDYNAL	"149" DYNAL ALLOC QUEUE
0	(0)	X'96'	0	DSTDYNUN	"150" DYNAL UNALLOC QUEUE
0	(0)	X'97'	0	DSTDYDDN	"151" DYNAL CHANGE DDNAME Q
0	(0)	X'98'	0	DSTFSS	"152" COMMUNICATION FROM AN FSS - DESTQ ENTRY IS DYNAMIC
0	(0)	X'99'	0	DSTCIDRV	"153" CI DRIVER
0	(0)	X'9A'	0	DSTIOERR	"154" SPOOL I/O ERROR
0	(0)	X'9B'	0	DSTFFAIL	"155" FSS start failure
0	(0)	X'9C'	0	DSTRSVST	"156" First DST code reserved for service
0	(0)	X'9D'	0	DSTSAPI	"157" SYSOUT Application Programming Interface
0	(0)	X'9E'	0	DSTENST	"158" Enhanced Status
0	(0)	X'9F'	0	DSTWLM	"159" Workload Manager
0	(0)	X'A0'	0	DSTJMSG	"160" JESMSG Offload
0	(0)	X'A1'	0	DSTLMCL	"161" Local Module Load/Call
0	(0)	X'A2'	0	DSTTCSSRV	"162" TCPIP Server Request
0	(0)	X'A3'	0	DSTJPC	"163" JES Properties: Classes
0	(0)	X'A4'	0	DSTJPI	"164" JES Properties: Initiators
0	(0)	X'A5'	0	DSTJPN	"165" JES Properties: Nodes
0	(0)	X'A6'	0	DSTJPS	"166" JES Properties: Spool Partition

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	X'A7'	0	DSTJPX	"167" JES Properties: JESplex
0	(0)	X'A8'	0	DSTSJF	"168" Scheduler JCL Facilities
0	(0)	X'A9'	0	DSTJDV	"169" JES Managed Devices
0	(0)	X'FF'	0	DSTSPWT	"255" Fake dest used to track 18119TAA spool waits via IATXSIAF 18119TAA 18119TAD

Comment

OPTIONAL MODIFIER CODES

MGCR (SVC 34)

End of Comment

....	....	MODSVC34	"X'00" INTERNAL SVC 34 REQUEST
....	...1	MODS34R	"X'01" MULTIPLE SVC 34 REQUEST

Comment

EQU X'02' Reserved for development

End of Comment

....	..11	MODS34T	"X'03" INTERNAL SVC 34 W/TOKEN D004
....	..1.	MODS34TA	"X'04" INTERNAL SVC 34 W/TOKEN AND AUTHORITY LEVEL
...1	....	MODINTCM	"X'10" ISSUE INTERCOM ON GLOBAL

Comment

EQU X'11' Reserved for development
EQU X'20' Reserved for development

WTO (SVC 35)

End of Comment

....	...1	MODWTL	"X'01" WRITE-TO-LOG MESSAGE
....	..1.	MODLCL35	"X'02" WTO MESSAGE FROM LOCAL SYS
....	..11	MODGBL35	"X'03" WTO MESSAGE FROM GLOBAL SYS

Comment

DOM (SVC 87)

End of Comment

....	....	MODVSDOM	"X'00" DOM FROM DOWNLEVEL VS
....	...1	MODJESDM	"X'01" DOM FROM JES3 GLOBAL
....	..1.	MODVSCUR	"X'02" DOM PROCESSED BY JES3 ADDR SP

Comment

Inquiry/Modify modifier codes

End of Comment

0	(0)	X'D4'	0	MODMSGR	"C'M" INQUIRY/MODIFY MSG ROUTING
0	(0)	X'D6'	0	MODCNID	"C'O" INQUIRY/MODIFY CONSOLE ID
0	(0)	X'D1'	0	MODJMF	"C'J" INQUIRY JMF 431
0	(0)	X'D3'	0	MODNOJLG	"C'L' Modify JESMSGGLG logging @WA24527"
0	(0)	X'D5'	0	MODJLSPN	"C'N" *F J=nnnnn,SPIN

IATYDST Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	X'E2'	0	MODSRVCL	"C'S" *F J=nnnnn,SRVCLASS=
0	(0)	X'D9'	0	MODRUN	"C'R" *F J=nnnnn,RUN
0	(0)	X'E7'	0	MODXMOD	"C'X" *I,X,M=modname
0	(0)	X'E3'	0	MODSCTRC	"C'T" *F SOCKET=sock,xTRACE=
0	(0)	X'E5'	0	MODNVTRC	"C'V" *F NETSERV=nsv,xTRACE=
0	(0)	X'C3'	0	MODCNCL	"C'C" Job cancel via CALLRTM 07441SXA
Comment					
----- DSTENST modifier codes -----					
End of Comment					
	1..	....		MODENST	"X'80" Enhanced Status
Comment					
----- DSTJDSE modifier codes -----					
End of Comment					
	....	....		MODJIB	"X'00" JIB processing
	....	..1		MODMJIB	"X'01" MJIB processing
	....	..1.		MODSYSL	"X'02" SYSLOG timestamp processing 11353S5A
Comment					
----- MODSTS, MODCTS and MODVTS are associated with requests destined for DSTWTD processing -----					
End of Comment					
	1..	....		MODSTS	"X'80" WTD/Application Status
	.1.	....		MODCTS	"X'40" WTD/Application Cancel
	..1.	....		MODVTS	"X'20" WTD/Application Validate destination
Comment					
----- MODRSYS and MODRWQE are associated with requests destined for DSTSAPI (SAPI) processing. This line deleted by APAR OW25634 -----					
End of Comment					
	1..	....		MODRSYS	"X'80" SAPI request for SYSOUT
	.1.	....		MODRWQE	"X'40" SAPI request for placing entry on wait queue
Comment					
----- MODETS and MODOTS are associated with requests destined for DSTOUTPT (PSO) processing. -----					
End of Comment					
	..1.	....		MODETS	"X'20" PSO hot wtr wait request 0091

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
This line deleted by APAR OW25634					
End of Comment					
		...1		MODOTS	"X'10" PSO request for SYSOUT
Comment					

MODWQE is associated with DSTOUTPT and DSTSAPI processing but not used in SSISERV processing.					

End of Comment					
		1111 1111		MODWQE	"X'FF" PSO/SAPI wait queue entry
		.... ..1		MODR1	"X'01" DEST TO IATMSR1
		.... ..1.		MODR2	"X'02" DEST TO IATMSR2
		.... ..11		MODR3	"X'03" DEST TO IATMSR3
		.... ..1..		MODDSC	"X'04" RESET LOCAL CONNECTED
		.... ...1		MODSASUS	"X'01" SUSPEND-SA SHORTAGE
		.... ..1.		MODSARES	"X'02" RESUME-SA SHORTAGE RELIEVED
Comment					

The following TCP/IP modifier codes (MODTxxxx) 07032SVC are associated with requests destined for DSTTCSR processing.					

End of Comment					
		.... ..1		MODTCNIR	"X'01" Node information request
		.... ..1.		MODTCSUP	"X'02" TCPIP Server Status Update
		.... ..11		MODTCINN	"X'03" TCPIP Inbound NMR
		.... ..1..		MODTRLSE	"X'04" Release TCPIP network job
		.... ..1.1		MODTHOLD	"X'05" Hold TCPIP network job
		.... ..11.		MODTDELE	"X'06" Delete TCP/IP network job 07032SVA
Comment					

DEFINITION OF DEST Q-ENTRY FLAG					

End of Comment					
		.1..		DSTACT	"X'40" THIS Q-ENTRY IS ACTIVE
		...1		DSTMDSQ	"X'10" THIS Q-ENTRY IS AN MDSQ

IATYDST Cross Reference

IATYDST Cross Reference

Name

DSTACT
DSTBDT
DSTBSHTL
DSTCDOM
DSTCIDRV

DSTCNECT
DSTCWTO
DSTC34
DSTDYDDN
DSTDYNAL

DSTDYNUN
DSTENDR
DSTENST
DSTFFAIL
DSTFSS

DSTGMS
DSTIOERR
DSTIQDR
DSTJDSE
DSTJDV

DSTJMSG
DSTJPC
DSTJPI
DSTJPN
DSTJPS

DSTJPX
DSTLMLC
DSTLOC
DSTMDDR
DSTMDSQ

DSTMSS
DSTMSV
DSTMVRES
DSTNOP
DSTOUTPT

DSTRSVST
DSTSAPI
DSTSJF
DSTSPWT
DSTSSQ1

DSTSSQ2
DSTSTAR
DSTTCRV
DSTUTRK
DSTVER

DSTWLM
DSTWTD
MODCNCL
MODCNID
MODCTS

MODDSC
MODENST
MODETS
MODGBL35
MODINTCM

Name

MODJESDM
MODJIB
MODJLSPN
MODJMF
MODLCL35

MODMJIB
MODMSGR
MODNOJLG
MODNVTRC
MODOTS

MODRSYS
MODRUN
MODRWQE
MODR1
MODR2

MODR3
MODSARES
MODSASUS
MODSCTRC
MODSRVCL

MODSTS
MODSVC34
MODSYSL
MODS34R
MODS34T

MODS34TA
MODTCINN
MODTCNIR
MODTCSUP
MODTDELE

MODTHOLD
MODTRLSE
MODVSCUR
MODVSDOM
MODVTS

MODWQE
MODWTL
MODXMOD

IATYDTR Information

IATYDTR Heading Information

Common Name: DLOG Trace Table Header and Entry
Macro ID: IATYDTR
DSECT Name: DTRSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: DTR
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: Any
 Subpool: 241
 Key: 1
Size: DTRHSIZE for DSECT DTRHEADR
 DTRFSIZE for DSECT DTRENTRY
 DTREVSIZ for DSECT DTREVDAT
Created by: IATXDLTR macro
Pointed to by: DLGTRACE in IATYDLOG
 DTRCURR in IATYDTR
 DTRNEXT in IATYDTR
Serialization: NONE
Function: This macro maps the DLOG trace table header and entries.

IATYDTR Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DTRHEADR	, DLOG Trace Table Header
0	(0)	CHARACTER	4	DTRID	Control block id
0	(0)	X'F1'	0	DTRSPool	"241" Trace table subpool
4	(4)	ADDRESS	4	DTRSSVT	SSVT address
Comment					
----- Trace table control information. -----					
End of Comment					
8	(8)	ADDRESS	4	DTRCURR	Current trace table entry. That is, the last one that was created (set to zero initially)
12	(C)	ADDRESS	4	DTRNEXT	Next trace table entry to be used
16	(10)	ADDRESS	4	DTRTBEND	End of trace table address (contains address of byte after the end of the trace table storage)
20	(14)	SIGNED	4	DTRMISS	Number of trace misses (updated via compare and swap)
24	(18)	BITSTRING	1	DTRLOCK	Trace table lock (via test and set)
25	(19)	BITSTRING	3	DTRRSVDD	Reserved for development
Comment					
----- IATXTRC Work Area. This work area contains a copy of the trace entry for the IATXTRC macro. Enough space is reserved for the largest possible trace entry. This is necessary since the IATXTRC macro does not support a variable length being specified on the macro call. -----					
End of Comment					
28	(1C)	BITSTRING	1	DTRXTCWK	IATXTRC Work Area
28	(1C)	X'1B'	0	DTRXTCSZ	"L'DTRXTCWK/4" Size of work area in words

IATYDTR Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

Address of DLOG Trace routine (IATCNDTR).					

End of Comment					
140	(8C)	ADDRESS	4	DTRCNDTR	Address of DLOG Trace routine (IATCNDTR)
144	(90)	DBL WORD	8	DTRHEND (0)	End of trace table header
144	(90)	X'90'	0	DTRHSIZE	"DTRHEND-DTRHEADR" Size of trace table header
Comment					

Start of DLOG trace table. Each entry is mapped by DSECT DTRENTY.					

End of Comment					
144	(90)	DBL WORD	8	DTRTRACE (0)	Start of trace table

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	DTRENTY	, DLOG Trace Table Entry
Comment					

Control information.					

End of Comment					
0	(0)	SIGNED	2	DTRPREV	Offset of the previous trace entry from the start of the trace table header
2	(2)	SIGNED	2	DTRLEN	Length of this trace table entry
Comment					

Data Common to All Entries.					

End of Comment					
4	(4)	SIGNED	4	DTRCDATA (0)	Start of Common Data
4	(4)	CHARACTER	8	DTRFUNC	Function in control
12	(C)	CHARACTER	8	DTR EVENT	Event identifiers
20	(14)	BITSTRING	8	DTRTIME	Time stamp from STCK
28	(1C)	ADDRESS	4	DTRFCT	FCT address if running under the JES3 nuc task
32	(20)	ADDRESS	4	DTRTCB	TCB address
36	(24)	SIGNED	2	DTRASID	Address space id
38	(26)	BITSTRING	4	DTRDFLGS	DLOG flags (from DLGFLAGS)
42	(2A)	SIGNED	2	DTRRSVD1	Reserved for development
Comment					

End of fixed trace table entry.					

End of Comment					
44	(2C)	SIGNED	4	DTRFEND (0)	End of fixed entry
44	(2C)	X'2C'	0	DTRFSIZE	"DTRFEND-DTRENTY" Size of fixed entry

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DTREVDAT	, Event Specific Data
Comment					
----- EVENT=SYSTEMEVEV Specific Data. -----					
End of Comment					
0	(0)	ADDRESS	4	DTRSMMP	MPC address
4	(4)	BITSTRING	4	DTRGEFLG	Flags from GEPLFLGS - contains event type, old and new member states etc.
8	(8)	BITSTRING	8	DTRGETIM	XCF Time stamp associated with the event
16	(10)	BITSTRING	32	DTRUSTAT	User state value
16	(10)	X'30'	0	DTRSMESZ	**-"DTREVDAT" Size of event data
Comment					
----- EVENT=JESXCFEV Specific Data. -----					
End of Comment					
0	(0)	BITSTRING	1	DTRJXTYP	Event type from YIXJE_TYPE
1	(1)	BITSTRING	3	DTRJXCRS	Reserved for development
1	(1)	X'4'	0	DTRJXCSZ	**-"DTREVDAT" Size of event data
Comment					
----- EVENT=INFOMSG Specific Data. -----					
End of Comment					
0	(0)	BITSTRING	1	DTRMSTAT	Member status from YIXIF_MEMBER_STATUS
1	(1)	BITSTRING	3	DTRINFRS	Reserved for development
1	(1)	X'4'	0	DTRINFSZ	**-"DTREVDAT" Size of event data
Comment					
----- EVENT=WTLSPUSPD Specific Data. -----					
End of Comment					
0	(0)	SIGNED	4	DTRWTLRC	WTL return code
4	(4)	SIGNED	4	DTRWTLRS	WTL reason code
8	(8)	ADDRESS	4	DTRSUMSG	Address of message pointer cell involved in the suspend request
12	(C)	ADDRESS	4	DTRSUMDB	Address of MDB involved in the suspend request
16	(10)	SIGNED	4	DTRSUMAL	ALET of MDB involved in the suspend request
16	(10)	X'14'	0	DTRSUSSZ	**-"DTREVDAT" Size of event data
Comment					
----- EVENT=WTLRESUM Specific Data. -----					
End of Comment					
0	(0)	ADDRESS	4	DTRRSMG	Address of message pointer cell involved in the resume request
4	(4)	ADDRESS	4	DTRRSMDB	Address of MDB involved in the resume request
8	(8)	SIGNED	4	DTRRSMAL	ALET of MDB involved in the resume request
8	(8)	X'C'	0	DTRRESSZ	**-"DTREVDAT" Size of event data

IATYDTR Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

EVENT=ALERT Specific Data.					

End of Comment					
0	(0)	CHARACTER	8	DTRALTYP	Alert type
8	(8)	BITSTRING	4	DTRALSTA	Alert status information from console status area (MCSCQSTA)
12	(C)	SIGNED	4	DTRALRV1	Reserved for IBM 2
16	(10)	SIGNED	4	DTRALRV2	Reserved for IBM 2
20	(14)	SIGNED	4	DTRALMXM	Maximum message queue depth from console status area (MCSCPDEP)
24	(18)	SIGNED	4	DTRALTOM	Total message queue depth from console status area (MCSCCTDEP)
28	(1C)	SIGNED	4	DTRALDOM	DOM id for message that was issued or deleted
28	(1C)	X'20'	0	DTRALRSZ	** -DTREVDAT" Size of event data
Comment					

EVENT=ALERTEND Specific Data.					

End of Comment					
0	(0)	CHARACTER	8	DTRAETYP	Alert end type
8	(8)	BITSTRING	4	DTRAESTA	Alert status information from console status area (MCSCQSTA)
12	(C)	SIGNED	4	DTRAERV1	Reserved for IBM 2
16	(10)	SIGNED	4	DTRAERV2	Reserved for IBM 2
20	(14)	SIGNED	4	DTRAEMXM	Maximum message queue depth from console status area (MCSCPDEP)
24	(18)	SIGNED	4	DTRAETOM	Total message queue depth from console status area (MCSCCTDEP)
28	(1C)	SIGNED	4	DTRAEMRC	MCSOPMSG RESUME return code if MCSOPMSG was issued
32	(20)	SIGNED	4	DTRAEMRS	MCSOPMSG RESUME reason code if MCSOPMSG was issued
32	(20)	X'24'	0	DTRAENZS	** -DTREVDAT" Size of event data
Comment					

Event Specific Data for CALLER=RESMGR related events.					

End of Comment					
0	(0)	CHARACTER	4	DTRRM TYP	RESMGR type (TASK or ADDR)
4	(4)	BITSTRING	1	DTRRM FLG	RESMGR flags from field RMPLFLG1 in IHARMPL)
5	(5)	BITSTRING	3	DTRRM RSV	Reserved for development
5	(5)	X'8'	0	DTRRM GSZ	** -DTREVDAT" Size of event data
Comment					

Max size of event specific data.					

End of Comment					
64	(40)	X'40'	0	DTRREVSIZ	** -DTREVDAT" Max size of event data

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
Trace Table Related Equates.					
End of Comment					
64	(40)	X'6C'	0	DTRMAXSZ	"DTRFSIZE+DTREVSIZ" Max trace table entry size
64	(40)	X'20'	0	DTRCOUNT	"32" Number of entries in trace table
64	(40)	X'D80'	0	DTRTOTSZ	"DTRMAXSZ*DTRCOUNT" Total size of trace table entries
Comment					
Function codes used by the IATXDLTR macro.					
End of Comment					
64	(40)	X'1'	0	DTRTRINT	"1" FUNC=INIT specified
64	(40)	X'2'	0	DTRTRTRC	"2" FUNC=TRACE specified
64	(40)	X'2'	0	DTRTRFMX	"2" Maximum function code

IATYDTR Cross Reference

Name

- DTRAEMRC
- DTRAEMRS
- DTRAEMXM
- DTRAENSZ
- DTRAERV1
- DTRAERV2
- DTRAESTA
- DTRAETOM
- DTRAETYP
- DTRALDOM
- DTRALMXM
- DTRALRSZ
- DTRALRV1
- DTRALRV2
- DTRALSTA
- DTRALTOM
- DTRALTYP
- DTRASID
- DTRCDATA
- DTRCNDTR
- DTRCOUNT
- DTRCURR
- DTRDFLGS
- DTRENTY
- DTREVDAT
- DTREVENT
- DTREVSIZ
- DTRFCT
- DTRFEND
- DTRFSIZE
- DTRFUNC
- DTRGEFLG
- DTRGETIM
- DTRHEADR
- DTRHEND

IATYDTR Cross Reference

Name

DTRHSIZE
DTRID
DTRINFRS
DTRINF SZ
DTRJXC RS

DTRJXC SZ
DTRJXTYP
DTRLEN
DTRLOCK
DTRMAXSZ

DTRMISS
DTRMSTAT
DTRNEXT
DTRPREV
DTRRESSZ

DTRRMFLG
DTRRMGSZ
DTRRMRSV
DTRRM TYP
DTRRSMAL

DTRRSMDB
DTRRSMSG
DTRRSVDD
DTRRSVD1
DTRSMESZ

DTRSMMP C
DTRSP OOL
DTRSSVT
DTRSUMAL
DTRSUMDB

DTRSUMSG
DTRSUSZ
DTRTBEND
DTRTCB
DTRTIME

DTRTOTSZ
DTRTRACE
DTRTRFMX
DTRTRINT
DTRTRTRC

DTRUSTAT
DTRWTLRC
DTRWTLRS
DTRXTCSZ
DTRXTCWK

IATYDUL Information

IATYDUL Heading Information

Common Name: MAPPING FOR THE DUMP LIST AND ITS ENTRIES
Macro ID: IATYDUL
DSECT Name: DULSTART, DULENTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: DUL
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: SUBPOOL 231
 Auxiliary Storage: N/A
Size: 816 Bytes
Created by: IATGRSQ
Pointed to by: SVTDULST IN IATYSVT
Serialization: DULFLAG1 must be tested against DULCOMPL before being used. If this bit is set, dump list is available for use.
Function: Contains the beginning and ending addresses of JES3 storage areas that reside in CSA, created in a form suitable for use by SDUMP.

IATYDUL Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	DULSTART	
0	(0)	CHARACTER	4	DULID	CONTROL BLOCK ID
4	(4)	ADDRESS	4	DULLAST	ADDRESS OF LAST ENTRY IN USE
8	(8)	ADDRESS	4	DULLEND	ADDRESS OF THE LAST POSSIBLE ENTRY IN THE DUMP LIST
12	(C)	BITSTRING	1	DULFLAG1	FLAG FOR SERIALIZATION
13	(D)	BITSTRING	1	(3) DULCOMPL	RESERVED "X'80" DUMP LIST AVAILABLE FOR USE
Comment					
15871T7A 15871T7A Start of the list for LIST64 parameter on SDUMPX 15871T7A invocation. 15871T7A 15871T7A 15871T7A					
End of Comment					
16	(10)	DBL WORD	8	DULIST64 (0)	15871T7A
16	(10)	SIGNED	4	DULLEN	Length of the list 15871T7A
20	(14)	BITSTRING	8	DULSTOKN	JES3 STOKEN 15871T7A
28	(1C)	SIGNED	4	DULRNGE#	Number of ranges 15871T7A
28	(1C)	X'20'	0	DULHSIZE	** -DULSTART" SIZE OF DUMP LIST HEADER
28	(1C)	X'64'	0	DULNUM	"100" NUMBER OF DUMP LIST ENTRIES
32	(20)	BITSTRING	1	DULENTS	DUMP LIST ENTRIES
32	(20)	X'660'	0	DULSIZE	** -DULSTART" SIZE OF THE DUMP LIST
Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DULENTRY	
0	(0)	ADDRESS	8	DULEBEGN	Address of start of storage TO BE DUMPED
8	(8)	ADDRESS	8	DULEEND	Address of end of storage TO BE DUMPED 4#15871T7D
8	(8)	X'10'	0	DULESIZE	** -DULENTRY" SIZE OF A DUMP LIST ENTRY

IATYDUL Cross Reference

IATYDUL Cross Reference

Name

DULCOMPL
DULEBEGN
DULEEND
DULENTRY
DULENTS
DULESIZE
DULFLAG1
DULHSIZE
DULID
DULIST64
DULLAST
DULLEN
DULLEND
DULNUM
DULRNGE#
DULSIZE
DULSTART
DULSTOKN

IATYDUM Information

IATYDUM Programming Interface information

Programming Interface information

IATYDUM

End of Programming Interface information

IATYDUM Heading Information

Common Name: USER COMPLETION CODES ISSUED BY JES3 IN OS ABENDS
Macro ID: IATYDUM
DSECT Name: None
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: N/A
 Virtual Storage: N/A
 Auxiliary Storage: N/A
 Subpool: N/A
 Key: N/A
 Data Space: N/A
 Residency: N/A
Size: N/A
Created by: N/A
Pointed to by: N/A
Serialization: N/A
Function: EQU statements make the symbols of ABEND numbers more meaningful.

IATYDUM Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	X'0'	0	DUMP000	"0" IATINIC- NEEDED DATA SET DID NOT OPEN
0	(0)	X'1'	0	DUMP001	"1" IATINIC,INCD- FATAL ERROR IN INIT DECK
0	(0)	X'2'	0	DUMP002	"2" IATINRN- GETMAIN FAILURE IN INITIALIZATION
0	(0)	X'3'	0	DUMP003	"3" IATINGN- SPOOL/CHKPNT DATA SETS NO MATCH
0	(0)	X'4'	0	DUMP004	"4" IATINJB- FATAL ERROR IN INIT DECK ANALYSIS
0	(0)	X'5'	0	DUMP005	"5" IATINRN- DUMP ON INTDEBUG TEXT MATCH
0	(0)	X'6'	0	DUMP006	"6" IATINAL- ERROR IN CHECKPOINTED STT JBTAT
0	(0)	X'7'	0	DUMP007	"7" IATINIT- ESTAE FAILURE, R7=ESTAE RTRN CODE
0	(0)	X'8'	0	DUMP008	"8" - Take a dump and terminate JES3 0051 (currently not used by JES3) 0051
0	(0)	X'9'	0	DUMP009	"9" IATCNIN- OPERATOR-INITIATED VIA *RETURN
0	(0)	X'A'	0	DUMP010	"10" IATIN - INISH TERMINATED - 2FB/NODUMP
0	(0)	X'B'	0	DUMP011	"11" IATINSD/IATINSE/IATINSP/IATINSR/IATINST - SPOOL CHECKPOINT ERROR
0	(0)	X'C'	0	DUMP012	"12" IATINJQ/IATINJR/IATINSD/IATINSP/IATINSR - ERROR IN SPOOL CKPNT VALIDATION
0	(0)	X'D'	0	DUMP013	"13" IATINM4- INVL CSA ON RESTRT (MSGIAT3417)
0	(0)	X'E'	0	DUMP014	"14" IATSSJS- ERROR IN JSERV STAGING AREA
0	(0)	X'F'	0	DUMP015	"15" IATINSD- THE IATYIOP IS INVALID.
0	(0)	X'10'	0	DUMP016	"16" IATINM3- INVALID JES3 AUX ADDR SPACE INIT
0	(0)	X'11'	0	DUMP017	"17" IATINRT- INITIALIZATION FILE(S) UNAVAILABLE
0	(0)	X'12'	0	DUMP018	"18" IATINWS-ERROR BUILDING WSB
0	(0)	X'13'	0	DUMP019	"19" IATINIC- INISH deck mismatch between global and local 2
0	(0)	X'14'	0	DUMP020	"20" IATINDVS - Internal error in the IATXIDVS service
0	(0)	X'15'	0	DUMP021	"21" IATINIO- IATXBPL failed for FD cell pool 0008
0	(0)	X'16'	0	DUMP022	"22" IATDMVR- SPOOL FORMATTING ERROR RETRY FAILURE
0	(0)	X'17'	0	DUMP023	"23" IATINJB- CHECKPOINT DATASET RESERVE FAILED
0	(0)	X'18'	0	DUMP024	"24" IATINC2- CELL POOL BUILD ERROR
0	(0)	X'19'	0	DUMP025	"25" IATINJQ- While building the job queue at initialization, errors were discovered as a result of which the operator was given a choice to continue or cancel, and replied to cancel; or function was detected to have been in use on a higher JES3 release that is not compatible with this release and no toleration is possible.
0	(0)	X'1A'	0	DUMP026	"26" IATINMPC- MAINPROC validation error during a hot start with refresh
0	(0)	X'1C'	0	DUMP028	"28" IATISFR- CANT REBUILD FRP CHAIN AFTR IO ER

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	X'1D'	0	DUMP029	"29" IATISDV -Error when building RCE/CSBT/JET
0	(0)	X'1E'	0	DUMP030	"30" IATISDV -INVALID JDS CONSTRUCTION
0	(0)	X'1F'	0	DUMP031	"31" IATGRRQ - INVAL NAME GIVEN RES MGMT
0	(0)	X'20'	0	DUMP032	"32" IATAUX - UNABLE TO CREATE AUX TASK ESTAES
0	(0)	X'21'	0	DUMP033	"33" IATABMN - RETRY DSP AFTER IATAUX ABEND
0	(0)	X'22'	0	DUMP034	"34" IATINJV/IATINLG - UNRECOVERABLE INIT. JOB VALIDATION ERROR
0	(0)	X'23'	0	DUMP035	"35" IATDMJV/IATINJV - IATXVMSG/IATXSRE PARAMETER ERROR
0	(0)	X'24'	0	DUMP036	"36" IATDMJV - IATXVSRV PARAMETER ERROR
0	(0)	X'25'	0	DUMP037	"37" IATDMVIO - IATXVIO related error
0	(0)	X'28'	0	DUMP040	"40" IATGRPR-INVALID SIZE IN IATXPRT
0	(0)	X'2D'	0	DUMP045	"45" IATGRRQ- RES QUEUE MANAGEMENT ERRORS
0	(0)	X'2E'	0	DUMP046	"46" IATGRJA- JDS ACCESS VIA CSBT FAILED
0	(0)	X'2F'	0	DUMP047	"47" IATOSSO- INACCESSIBLE JCT FOR UPDATE R=1 IATOSSO- INACCESSIBLE JCT FOR UPDATE R=2
0	(0)	X'30'	0	DUMP048	"48" IATGRJM- JESMSG JDS ACCESS ERRORS
0	(0)	X'31'	0	DUMP049	"49" IATGRG1- XPRT ISSUED WITHOUT TYPE=OPEN
0	(0)	X'32'	0	DUMP050	"50" IATGRTM- ERROR PROCESSING AN ATIME REQUEST
0	(0)	X'33'	0	DUMP051	"51" IATGRJR- RTN TO IATGRJR WITH OUTSTANDING SAVEAREAS
0	(0)	X'34'	0	DUMP052	"52" IATGRWQ/IATGRWP - INVALID IATUX30 RETURN
0	(0)	X'35'	0	DUMP053	"53" IATGRTM- ERROR WHILE TIMER FCT WAS PROCESSING EXPIRED ATIME REQUEST
0	(0)	X'36'	0	DUMP054	"54" IATGRG1- IATXJLOK DETECTED A LOCK ERROR
0	(0)	X'37'	0	DUMP055	"55" IATINDEV-Error during IATXSYSU processing
0	(0)	X'3C'	0	DUMP060	"60" IATGRCK- CHECKPOINT ACCESS VIOLATION
0	(0)	X'50'	0	DUMP080	"80" IATGRLD- CANNOT LOAD MODULE
0	(0)	X'51'	0	DUMP081	"81" IATGRLD- UNABLE TO BLDL FOR MODULE'S SIZE
0	(0)	X'52'	0	DUMP082	"82" IATGRLD- JDE NOT FOUND ON DELETE
0	(0)	X'53'	0	DUMP083	"83" IATGRLD- UNABLE TO GETMAIN FOR MODULE
0	(0)	X'54'	0	DUMP084	"84" IATGRLD- DELETE SYNCHRONIZATION ERROR
0	(0)	X'55'	0	DUMP085	"85" IATGROP-JESOPEN ISSUED FOR SNA DEVICE
0	(0)	X'56'	0	DUMP086	"86" IATGRLD- INVALID DELETE REQUEST
0	(0)	X'59'	0	DUMP089	"89" IATOSWC- CANNOT FIND SE IN IATYJDA
0	(0)	X'5A'	0	DUMP090	"90" IATGRLG- CANNOT FIND SE IN IATYJDA FOR LOGOUT
0	(0)	X'5B'	0	DUMP091	"91" IATGRLG- FUNCTION IS NOT LOGGED IN - CANNOT LOGOUT
0	(0)	X'5C'	0	DUMP092	"92" IATGRLG- FCTRQAD ZERO ON LOGOUT #0514
0	(0)	X'62'	0	DUMP098	"98" Any DSP- Error in DSPSERV for a data space
0	(0)	X'63'	0	DUMP099	"99" Any DSP- Error in ALESERV for a data space
0	(0)	X'64'	0	DUMP100	"100" ANYDSP - AN ERROR CONDITION HAS BEEN #2369 DETECTED WHICH SHOULD NOT OCCUR #2369
0	(0)	X'65'	0	DUMP101	"101" ANYDSP - BUILD CELLPOL (IATXBPL) ERROR
0	(0)	X'66'	0	DUMP102	"102" ANYDSP - GET CELL (IATXGCL) ERROR
0	(0)	X'67'	0	DUMP103	"103" ANYDSP - FREE CELL (IATXRCL) ERROR
0	(0)	X'69'	0	DUMP105	"105" ANYDSP - ERROR PROCESSING IATXCNS MACRO
0	(0)	X'6A'	0	DUMP106	"106" ANYDSP - ERROR RETURN FROM IATXPMD
0	(0)	X'6B'	0	DUMP107	"107" IATXJMR - ERROR OCCURRED DURING GET/PUT
0	(0)	X'6F'	0	DUMP111	"111" IATLVIN- UNRECOVERABLE ERROR IN JESTAE
0	(0)	X'83'	0	DUMP131	"131" IATCNIN- DSP MESSAGE APPENDAGE ABENDED
0	(0)	X'84'	0	DUMP132	"132" IATCNWO- BAD MESSAGE PARAMETERS
0	(0)	X'85'	0	DUMP133	"133" IATCNIN- DSP TERMINATED VIA OPERATOR FAIL COMMAND
0	(0)	X'86'	0	DUMP134	"134" IATGRMON - FCT terminated by the Loop 0051 monitor 0051 1

IATYDUM Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	X'87'	0	DUMP135	"135" IATCNCN- UNABLE TO ACCESS CONSOLE BUFFER MANAGEMENT CELL POOLS 6
0	(0)	X'89'	0	DUMP137	"137" IATCNIN- Operator issued *DUMP command 0051
0	(0)	X'8C'	0	DUMP140	"140" IATGRSV- S.A. GETMAIN FAILED
0	(0)	X'8D'	0	DUMP141	"141" IATGRGM- INVALID AGETMAIN REQUEST
0	(0)	X'8E'	0	DUMP142	"142" IATGRGM- APUTMAIN REQUEST NOT DBLEWORD ALIGN
0	(0)	X'8F'	0	DUMP143	"143" IATGRGM- APUTMAIN RESULTED IN FREEMAIN ERR RTN
0	(0)	X'90'	0	DUMP144	"144" IATGRGS- INVALID SUBTASK ID OR UNABLE TO ATTACH GENERALIZED SUBTASK
0	(0)	X'91'	0	DUMP145	"145" IATGRGM- APUTMAIN LENGTH/AREA ARE ZERO 0100
0	(0)	X'92'	0	DUMP146	"146" IATGRGS- SUBFUNCTION ABEND
0	(0)	X'93'	0	DUMP147	"147" IATGRGS- SUBTASK CANCELED
0	(0)	X'C8'	0	DUMP200	"200" IATIICC- RAB CREATE OR JDSGET ERROR OR Instream data set operation IATIIDR- RAB DESTROY ERROR
0	(0)	X'C9'	0	DUMP201	"201" IATINAT/IATLVAT/IATMDAT - INVALID ENTRY PARAMETERS
0	(0)	X'CA'	0	DUMP202	"202" IATIICD/IATIIFR/IATIIFS - CI DRIVER FCT RELATED ERROR
0	(0)	X'CB'	0	DUMP203	"203" IATIIOR- IATXCIO UNRECOVERABLE ERROR
0	(0)	X'CC'	0	DUMP204	"204" IATINAT- ALL C/I SUBTASKS HAVE ABENDED
0	(0)	X'CD'	0	DUMP205	"205" IATIIFP- ERROR WHILE PROCESSING PROCLIB ORDERS (FSS ADDRESS SPACE)
0	(0)	X'CE'	0	DUMP206	"206" IATOSPC/IATOSSO/IATOSWS- ERROR IN MOSE/OSS STRUCTURE
0	(0)	X'CF'	0	DUMP207	"207" IATINFC/IATIIFC ERROR DETECTED BY C/I FSS
0	(0)	X'D1'	0	DUMP209	"209" IATIIOS/IATIICM - ERROR RETURN FROM SJF 3106
0	(0)	X'D2'	0	DUMP210	"210" IATMOOI - damaged OSS/MOSE found
0	(0)	X'12C'	0	DUMP300	"300" IATDYDR/IIDS/IIEN - INVALID ELB CONTROL BLOCK
0	(0)	X'12D'	0	DUMP301	"301" IATDYDR- IATXIOX COULD NOT FIND ECF POST
0	(0)	X'12E'	0	DUMP302	"302" IATDYSB- JCT ERROR DURING RECOVERY
0	(0)	X'12F'	0	DUMP303	"303" IATDYDR/DYSB- INVALID DJST CONTROL BLOCK
0	(0)	X'130'	0	DUMP304	"304" IATDYDR- JESMSG ERROR DURING ALLOCATION #0514
0	(0)	X'132'	0	DUMP306	"306" IATDYSB- ILLEGAL USE/ALLOCATION PARAMETER
0	(0)	X'133'	0	DUMP307	"307" IATDYSB- USE/ALLOCATION COUNT ERROR RESERVED FOR DEVELOPMENT RESERVED FOR DEVELOPMENT
0	(0)	X'190'	0	DUMP400	"400" IATMD - JESMSG ERROR FOR JOB Y02BL08
0	(0)	X'1A4'	0	DUMP420	"420" MDSSRS FCT FAILURE
0	(0)	X'1C2'	0	DUMP450	"450" IATMD - MDS INVALID CONTROL BLOCK
0	(0)	X'1C3'	0	DUMP451	"451" MDS- ERROR DURING HARD ALLOCATE
0	(0)	X'1C4'	0	DUMP452	"452" MDS- RECEIVED ERROR RETURN FROM NON-MDS MACRO
0	(0)	X'1C7'	0	DUMP455	"455" IATMD - EARLY VOL RELEASE ERROR
0	(0)	X'1CC'	0	DUMP460	"460" IATMDMS - ERROR DURING MSVC VOLUME SELECT
0	(0)	X'1D6'	0	DUMP470	"470" IATMDSB - DYA CHAINING ERROR
0	(0)	X'1E0'	0	DUMP480	"480" IATMDSB- SETDSN ENTRY DELETE ERROR
0	(0)	X'1E1'	0	DUMP481	"481" IATMDSB- SETVLM ENTRY DELETE ERROR
0	(0)	X'1F4'	0	DUMP500	"500" IATRJM3- DOUBLE STARTIO ATTEMPTED BY BSC RJP WITHOUT AN INTERVENING CHANNEL END
0	(0)	X'212'	0	DUMP530	"530" IATNTNR-INVALID RECORD FOUND IN INBOUND STREAM
0	(0)	X'213'	0	DUMP531	"531" IATNTRS- INVALID DATA IN NETWORK STREAM 0174
0	(0)	X'214'	0	DUMP532	"532" IATNTSD- ERROR IN NETWORK STREAM

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	X'215'	0	DUMP533	"533" IATNTJS - COMMUNICATION ERROR BETWEEN 0562 THE NJE RECEIVER (IATNTJS) AND THE 0562 ASYNCHRONOUS SECURITY SUBTASK (IATGRSS) 0562 #0514
0	(0)	X'216'	0	DUMP534	"534" IATNTNR- NJERDR WSP NOT FOUND ON WRITER WAIT QUEUE.
0	(0)	X'226'	0	DUMP550	"550" IATSNLD - DSP WAS FAILED BY THE SNARJP TERMINATION ROUTINE BECAUSE IT HAD A WORKSTATION DEVICE ALLOCATED AT THE TIME SNARJP WAS BEING TERMINATED.
0	(0)	X'227'	0	DUMP551	"551" AN ATTEMPT HAS BEEN MADE TO USE AN ACTIVE RPL
0	(0)	X'228'	0	DUMP552	"552" IATSNLK - A REQUEST WAS MADE TO THE SNARJP LCB USE COUNT MANAGER TO INC/DECREMENT THE USE COUNT, THE REQUEST FAILED
0	(0)	X'229'	0	DUMP553	"553" A REQUEST WAS MADE TO THE SNARJP TERM. STATUS MANAGER TO MODIFY/TEST THE SNARJP TERMINATION STATE MAPPINGS, THE REQUEST FAILED.
0	(0)	X'22A'	0	DUMP554	"554" IATSNLK - A REQUEST WAS MADE TO THE SNARJP LCB USE COUNT MANAGER TO DECREMENT THE USE COUNT, BUT THE USE COUNT HAD NOT BEEN INCREMENTED. (DOUBLE DECREMENT)
0	(0)	X'22B'	0	DUMP555	"555" IATSNLC - DSP FAILED BY SNARJP CANCEL IMMEDIATE PROCESSING. A WORKSTATION IS IN PROCESS OF BEING TERMINATED IMMEDIATELY AND THE DSP CURRENTLY HAS ONE OF THE WORKSTATION'S DEVICES ALLOCATED
0	(0)	X'22C'	0	DUMP556	"556" IATNTHT - INVALID LENGTH RETRIVED FROM SPOOL WHEN TRYING TO REBUILD THE JOB HEADER OR JOB TRAILER
0	(0)	X'258'	0	DUMP600	"600" IATMSMS-INVALID GMS CONTROL BLOCK
0	(0)	X'262'	0	DUMP610	"610" IATUTIS-UNEXPECTED NON-MATCH OF PROCESSORS
0	(0)	X'28F'	0	DUMP655	"655" IATOSFP- PDQ MANAGER ENCOUNTERED ERROR
0	(0)	X'290'	0	DUMP656	"656" IATOSFD- FSS WTR DSP ENCOUNTERED ERROR
0	(0)	X'291'	0	DUMP657	"657" IATOSRS- OSR GET/FREE CELL ERROR
0	(0)	X'294'	0	DUMP660	"660" IATGRFC- FSS CONTROLLER DSP ENCOUNTERED ERR
0	(0)	X'29E'	0	DUMP670	"670" IATOSGR- Error processing SWBTUs
0	(0)	X'29F'	0	DUMP671	"671" IATOSGR- Error during IATXSWBU processing
0	(0)	X'2A0'	0	DUMP672	"672" IATOSDO- Error processing OUTPUT references
0	(0)	X'2A1'	0	DUMP673	"673" IATOSOR- OST IATXGCL error
0	(0)	X'2A2'	0	DUMP674	"674" IATOSDR- OSE buffer number overflow
0	(0)	X'2A3'	0	DUMP675	"675" IATOSPR- Printer loop detected 02773SLA
0	(0)	X'2A4'	0	DUMP676	"676" IATOSPC- OSE cannot be processed on down level local
0	(0)	X'2A5'	0	DUMP677	"677" IATOSDR/IATOSOR2 - TCP/IP group id 07081SXA management error 07081SXA
0	(0)	X'2A6'	0	DUMP678	"678" IATOSSW2- SWB processing error
0	(0)	X'2A7'	0	DUMP679	"679" IATOSOR2- OSE split processing error
0	(0)	X'2BC'	0	DUMP700	"700" IATDMNC- FDB ALREADY IN FD ON AOPEN. 1101474
0	(0)	X'2BD'	0	DUMP701	"701" IATDMDT/IATDMNC/IATOSI- FDB NOT IN FD FOR INPUT MRF.
0	(0)	X'2BE'	0	DUMP702	"702" IATDMDT/IATDMNC/IATOSI- INPUT MRF TERMINATED WITHOUT EOD.
0	(0)	X'2BF'	0	DUMP703	"703" IATDMNC- BAD BUFFER ADDRESS ON AWRITE.
0	(0)	X'2C0'	0	DUMP704	"704" IATDMNC/IATOSI- BAD TRACK ADDRESS ON JESREAD.

IATYDUM Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	X'2C1'	0	DUMP705	"705" IATDMNC- BAD BUFFER ADDRESS ON APUTBUF. 1101474
0	(0)	X'2C2'	0	DUMP706	"706" IATDMNC- FDB NOT IN FD ON ACLOSE. 1101474
0	(0)	X'2C3'	0	DUMP707	"707" RESERVED FOR DEVELOPMENT
0	(0)	X'2C4'	0	DUMP708	"708" IATDMNC- NO JOB TAT FOR OUTPUT MRF. 1120374
0	(0)	X'2C5'	0	DUMP709	"709" IATDMGB- ERROR ALLOCATING TRACK GROUPS
0	(0)	X'2C6'	0	DUMP710	"710" IATDMTK- DUPLICATE TRACK ON APURGE.
0	(0)	X'2C7'	0	DUMP711	"711" IATDMDT- FILE CLOSED FOR INPUT/OUTPUT MRF. 1121074
0	(0)	X'2C8'	0	DUMP712	"712" IATDMDT- COUNT TOO LARGE ON ABLOCK/ALOCATE
0	(0)	X'2C9'	0	DUMP713	"713" IATDMTK- ILLEGAL FDB ON ATRACK/APURGE.
0	(0)	X'2CA'	0	DUMP714	"714" IATDMST- SPOOL ADDRESS NOT IN STT ON APURGE.
0	(0)	X'2CB'	0	DUMP715	"715" IATDMDT- FILE ALREADY OPEN ON AOPEND.
0	(0)	X'2CC'	0	DUMP716	"716" IATDMDT- NO EOD IN LAST BUFFER ON AOPEND.
0	(0)	X'2CD'	0	DUMP717	"717" IATDMDT- TWO ALOCATES WITHOUT AN ABLOCK.
0	(0)	X'2CE'	0	DUMP718	"718" IATDMDT- ABLOCK WITHOUT A PRIOR ALOCATE. 1101474
0	(0)	X'2CF'	0	DUMP719	"719" IATOSSI- VALIDS NOT MATCH FOR INPUT MRF (RECOVERABLE).
0	(0)	X'2D0'	0	DUMP720	"720" IATDMDT- OUTPUT MRF REQUEST ON ABACKR. 1121074
0	(0)	X'2D1'	0	DUMP721	"721" IATDMDT/IATDMNC/IATOSSI- BAD TRACK ADDRESS ON DISK I/O.
0	(0)	X'2D2'	0	DUMP722	"722" IATDMNC/IATOSSI- VALIDS NOT MATCH FOR INPUT MRF (UNRECOVERABLE).
0	(0)	X'2D3'	0	DUMP723	"723" IATDMNC- BAD BUFFER ADDRESS ON ARELEASE.
0	(0)	X'2D4'	0	DUMP724	"724" IATDMDT/IATDMNC/IATINRN/IATOSSI- RECOVERED I/O ERROR.
0	(0)	X'2D5'	0	DUMP725	"725" IATDMDT/IATDMNC/IATOSSI- UNRECOVERABLE I/O ERROR.
0	(0)	X'2D6'	0	DUMP726	"726" IATDMDT/IATDMNC- AWAIT ON SRF INVALID FOR INITIALIZATION.
0	(0)	X'2D7'	0	DUMP727	"727" IATDMST - INVALID SINGLE TRACK TABLE.
0	(0)	X'2D8'	0	DUMP728	"728" IATDMNC - OUT OF SPOOL SPACE CONDITION IN INITIALIZATION.
0	(0)	X'2D9'	0	DUMP729	"729" IATDMDT/IATDMNC - SPOOL SPACE COULD NOT BE ALLOCATED TO A MRF OR NEW SRF DUE TO A JOB/DATASET TAT ERROR.
0	(0)	X'2DA'	0	DUMP730	"730" RESERVED FOR DEVELOPMENT
0	(0)	X'2DB'	0	DUMP731	"731" IATOSSI- BAD DATCC ON APOINT.
0	(0)	X'2DC'	0	DUMP732	"732" IATOSWP - PPQ MANAGER ENCOUNTERED ERROR
0	(0)	X'2DD'	0	DUMP733	"733" IATDMDK- ERROR RETURN FROM MODULE IATDMXM
0	(0)	X'2DE'	0	DUMP734	"734" IATOSDR- QUICKCALL FAILURE AND ALL OF OUTPUT SERVICE DIES
0	(0)	X'2DF'	0	DUMP735	"735" IATOSSI- QUICKCELL FAILURE WTR DIES
0	(0)	X'2E0'	0	DUMP736	"736" INCORRECT USE OF CSBT AND/OR RCE
0	(0)	X'2E1'	0	DUMP737	"737" IATDMNC- JSAM O/P REQ FROM OTHER THAN GLOBAL.
0	(0)	X'2E2'	0	DUMP738	"738" IATDMTA (DMTALLOC) - GET CELL FAILURE.
0	(0)	X'2E3'	0	DUMP739	"739" IATDMTA (FCT) - CELL POOL FAILURE.
0	(0)	X'2E4'	0	DUMP740	"740" IATDMTA (FCT) - INVALID RRE.
0	(0)	X'2E5'	0	DUMP741	"741" IATDMCS - CSS FAILED VALIDATION
0	(0)	X'2E6'	0	DUMP742	"742" IATDMTK - INVALID JOB/DATASET TAT.
0	(0)	X'2E7'	0	DUMP743	"743" IATDMTK - INVALID X.G IN JOB/DATASET TAT.
0	(0)	X'2E8'	0	DUMP744	"744" IATDMTK - INVALID SPOOL PARTITION.

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	X'2E9'	0	DUMP745	"745" IATDMTK - INVALID CCHH IN BADTRACK ENTRY.
0	(0)	X'2EA'	0	DUMP746	"746" IATDMGB- INVALID CONTROL BLOCK DURING RRE
0	(0)	X'2EB'	0	DUMP747	"747" IATDMJA- ERROR DETECTED PROCESSING JIB
0	(0)	X'2EC'	0	DUMP748	"748" IATDMDT- ERROR FROM ABACKR
0	(0)	X'2ED'	0	DUMP749	"749" IATDMCS - ERROR TRYING TO GET/RETURN CELL
0	(0)	X'2EE'	0	DUMP750	"750" IATDMER SPOOL I/O ERROR RECOVERY FAILURE
0	(0)	X'2EF'	0	DUMP751	"751" IATOSDR- BAD OSS ADDRESS
0	(0)	X'2F0'	0	DUMP752	"752" IATDMNC - INVALID BUFFER ADDRESS
0	(0)	X'2F1'	0	DUMP753	"753" IATDMTK - ERROR DETECTED IN RAB DESTROY
0	(0)	X'2F2'	0	DUMP754	"754" IATGRRQ - INCORRECT OSS ADDRESS
0	(0)	X'2F3'	0	DUMP755	"755" IATDMGB - NEGATIVE FDB I/O COUNT
0	(0)	X'2F4'	0	DUMP756	"756" IATOSGP - NEGATIVE OSS COUNT VALUE
0	(0)	X'2F5'	0	DUMP757	"757" IATRJPC/IATCNRM Error trying to get/return a cell
0	(0)	X'2F6'	0	DUMP758	"758" IATDMGB - NEGATIVE FD I/O COUNT
0	(0)	X'2F7'	0	DUMP759	"759" ERROR DETECTED IN SUBSYSTEM COMMUNICATIONS
0	(0)	X'2F8'	0	DUMP760	"760" IATDMNC - BAD VALID PASSED TO AWRITE
0	(0)	X'2F9'	0	DUMP761	"761" IATCNRN - ERROR IN MULTI-LINE MESSAGE SERVICE (CNRNMLWO)
0	(0)	X'2FA'	0	DUMP762	"762" IATRJPC - JESXCF returned with OK return code on GETMDB request, but the MDB could not be processed
0	(0)	X'2FB'	0	DUMP763	"763" IATDMNC - Error return from IATXGCL or 0008 IATXRCL 0008
0	(0)	X'2FC'	0	DUMP764	"764" IATOSPC/IATOSSO - Error accessing JDS 0037 for selected OSE 0037
0	(0)	X'2FD'	0	DUMP765	"765" IATOSSO/IATOSSR - Error updating SAPI data space
0	(0)	X'2FE'	0	DUMP766	"766" IATMOSTT - An error detected during STT copy processing
0	(0)	X'2FF'	0	DUMP767	"767" IATMOSQC - An error detected while processing spool deletion
0	(0)	X'320'	0	DUMP800	"800" IATGRJR- ENDING DSP LEFT OPEN FDB.
0	(0)	X'321'	0	DUMP801	"801" ANYDSP UNRECOVERABLE XJQE/XJCT ERROR
0	(0)	X'322'	0	DUMP802	"802" IATGRJS JSS ERROR
0	(0)	X'323'	0	DUMP803	"803" IATGRPJ ARMDRVR error
0	(0)	X'352'	0	DUMP850	"850" IATPURG IATISDL ERROR READING THE DEADLINE QUEUE.
0	(0)	X'353'	0	DUMP851	"851" DEADLINE DSP RECURSIVE ABEND
0	(0)	X'354'	0	DUMP852	"852" UNKNOWN ERROR RETURN FROM IATXERCV MACRO
0	(0)	X'355'	0	DUMP853	"853" IATISJB - UNEXPECTED REJECT FROM SAF CALL
0	(0)	X'356'	0	DUMP854	"854" IATGRPR - REJECTED SAF CALL
0	(0)	X'367'	0	DUMP871	"871" UNKNOWN RETURN/REASON CODE FROM IEFCAUT 0395
0	(0)	X'368'	0	DUMP872	"872" IATISCD - ERROR CREATING NEW INTRDR JOB
0	(0)	X'3B8'	0	DUMP952	"952" IATDCNC - ERROR ACCESSING NET CONTROL BLOCKS
0	(0)	X'3B9'	0	DUMP953	"953" IATDCNC ABEND IN UNRECOVERABLE ERROR RTN
0	(0)	X'3BB'	0	DUMP955	"955" IATUTDD RECURSIVE ABEND
0	(0)	X'3C0'	0	DUMP960	"960" IATDJTR - DUMP JOB TRANSLATION FAILURE
0	(0)	X'3E7'	0	DUMP999	"999" IATMFDR- JMF DSP ENCOUNTERED ERROR #0459

IATYDUM Cross Reference

IATYDUM Cross Reference

Name

DUMP000
DUMP001
DUMP002
DUMP003
DUMP004

DUMP005
DUMP006
DUMP007
DUMP008
DUMP009

DUMP010
DUMP011
DUMP012
DUMP013
DUMP014

DUMP015
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DUMP300
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DUMP306
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DUMP400
DUMP420
DUMP450

DUMP451
DUMP452
DUMP455
DUMP460
DUMP470

DUMP480
DUMP481
DUMP500
DUMP530
DUMP531

IATYDUM Cross Reference

Name

DUMP532
DUMP533
DUMP534
DUMP550
DUMP551

DUMP552
DUMP553
DUMP554
DUMP555
DUMP556

DUMP600
DUMP610
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DUMP999

IATYDVDE Information

IATYDVDE Heading Information

Common Name: Dataspace Virtual Definition Element
Macro ID: IATYDVDE
DSECT Name: DVDSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: DVDE
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 0
 Data Space: JES3INIT
Size: DVDEFXSZ bytes + length of SETUNIT or SUPUNIT
Created by: IATINDVS
Pointed to by: DVDEFSET in IATYDVDE
 DVDESHRT in IATYDVDE
 IDVSFNJE in IATYIDVS
 IDVSFNSV in IATYIDVS
 IDVSFSET in IATYIDVS
 IDVSFSOC in IATYIDVS
 IDVSFSUP in IATYIDVS
 IDVSLNJE in IATYIDVS
 IDVSLNSV in IATYIDVS
 IDVSLSET in IATYIDVS
 IDVLSOC in IATYIDVS
 IDVLSUP in IATYIDVS
Serialization: None
Function: This macro maps the data that is stored in the initialization data space manipulated by the IATXIDVS macro. Each definition element represents the definition of one of the following types of intermediate text (statement/parameter):
 - SETUNIT (DEVICE,JUNIT=)
 - SUPUNIT (DEVICE,XUNIT=)
 - Net Server (NETSERV)
 - Socket (SOCKET)

IATYDVDE Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DVDSTART	,
0	(0)	CHARACTER	4	DVDENTID	Entry id
4	(4)	SIGNED	4	DVDTOKEN (0)	Device Definition Token
4	(4)	ADDRESS	2	DVDSTMNO	Statement number, first half of token
6	(6)	ADDRESS	2	DVDRNGNO	Range number, second half of token
8	(8)	ADDRESS	4	DVDENEXT	Pointer to the next DVDE in the same type
12	(C)	ADDRESS	4	DVDEFSET	Pointer to the first SETUNIT DVDE for the same device if this is a SETUNIT, 0 for any other type
16	(10)	ADDRESS	4	DVDESHR	Pointer to shared DVDE, i.e. related SUPUNIT if this is a SETUNIT or vice versa, 0 for any other type
20	(14)	BITSTRING	1	DVDEFLG1	Flag byte 1
		1... ..		DVDENOWR	"X'80" Itext should not be written; this flag is set after itext is saved and later determined to be invalid
		.1..		DVDF1R40	"X'40" Reserved for IBM
		..1.		DVDF1R20	"X'20" Reserved for IBM
		...1		DVDF1R10	"X'10" Reserved for IBM
		.... 1...		DVDF1R08	"X'08" Reserved for IBM
		.... .1..		DVDF1R04	"X'04" Reserved for IBM
		.... ..1.		DVDF1R02	"X'02" Reserved for IBM
		.... ...1		DVDF1R01	"X'01" Reserved for IBM
21	(15)	BITSTRING	3	DVDERVD1	Reserved for IBM

IATYDVDE Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
24	(18)	SIGNED	4	DVDEITXL	Length of intermediate text
28	(1C)	SIGNED	4	DVDEFXEN (0)	End of fixed section (Itext follows)
28	(1C)	X'1C'	0	DVDEFXSZ	"DVDEFXEN-DVDSTART" Size of fixed section

IATYDVDE Cross Reference

Name

DVDEFLG1
DVDEFSET
DVDEFXEN
DVDEFXSZ
DVDEITXL
DVDENEXT
DVDENOWR
DVDEITID
DVDERVD1
DVDESHR
DVDF1R01
DVDF1R02
DVDF1R04
DVDF1R08
DVDF1R10
DVDF1R20
DVDF1R40
DVDRNGNO
DVDSTART
DVDSTMNO
DVDTOKEN

IATYDVE Information

IATYDVE Programming Interface information

Programming Interface information

IATYDVE

The following fields are **NOT** programming interface information:

- DVELCB
- DVEWSB

End of Programming Interface information

Heading Information • IATYDVE Map

IATYDVE Heading Information

Common Name: Device Entry
Macro ID: IATYDVE
DSECT Name: IATYDVE
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Subpool: SRDPOOL
 Key: JES Key
 Data Space: None
 Residency: Private any
Size: 112 Bytes
Created by: IATSNLB
Pointed to by: The first of a list of DVE's is contiguous to the WSB.
Serialization: Certain fields are serialized by Compare & Swap Logic.
Function: This DSECT maps the session and FMH information into the LCB. One device entry exists for each device on the workstation (Printer, Punch, or Reader) and 2 entries exist for console (Inbound and Outbound). This control block is physically contained in the WSB.

IATYDVE Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYDVE	
0	(0)	ADDRESS	4	DVELCB	ADDRESS OF LCB ASSOCIATED WITH THIS DVE
4	(4)	ADDRESS	4	DVENSTE	ADDRESS OF NEXT DVE FOR THIS STACK
8	(8)	ADDRESS	4	DVEWSB	ADDRESS OF WSB FOR THIS DVE
12	(C)	ADDRESS	4	DVESUP	ADDRESS OF SUPUNIT ASSOCIATED WITH THIS DEVICE ENTRY
16	(10)	SIGNED	4	DVESNSD	SENSE DATA RECEIVED FROM VTAM
20	(14)	SIGNED	4	DVECLTYP	CLOSE TYPE FOR IATSNDC
24	(18)	BITSTRING	1	DVEFL1	FLAG BYTE
24	(18)	X'18'	0	DVEOPN	"DVEFL1" FLAG INDICATING THAT AN OPEN HAS BEEN DONE FOR THIS DEVICE
		1...		DVEOPNM	"X'80" MASK FOR OPEN FLAG
24	(18)	X'18'	0	DVESSP	"DVEFL1" FLAG INDICATING THAT DATA FLOW HAS BEEN SUSPENDED
		.1...		DVESSPM	"X'40" MASK FOR SUSPENDED FLAG
24	(18)	X'18'	0	DVECON	"DVEFL1" THIS FLAG INDICATES IF THE ENTRY IS THE INBOUND OR OUTBOUND CONSOLE
		..1.		DVECONM	"X'20" INBOUND IF ON
24	(18)	X'18'	0	DVECEP	"DVEFL1" CONSOLE EQUALS THIS PRINTER
		...1		DVECEPM	"X'10" IF ON
24	(18)	X'18'	0	DVEONST	"DVEFL1" THIS DVE IS ON A STACK
		.... 1...		DVEONSTM	"X'08" IF ON
24	(18)	X'18'	0	DVESDSC	"DVEFL1" SDS SENT FOR CONSOLE
		.... .1..		DVESDSCM	"X'04" IF ON
24	(18)	X'18'	0	DVETMPC	"DVEFL1" WSCLOSE TYPE=TEMP ISSUED
		.... ..1.		DVETMPCM	"X'02" IF ON
24	(18)	X'18'	0	DVEWEDS	"DVEFL1" EDS HAS BEEN SENT
		.... ...1		DVEWEDSM	"X'01" IF ON
25	(19)	BITSTRING	1	DVEFL2	FLAG BYTE (FLAGS AS SENT IN THE FMH)

Comment

THESE FLAGS RELATE TO THE SESSION ONLY WHEN THIS DVE IS AT TOP OF STACK FOR AN LCB)

End of Comment

25	(19)	X'19'	0	DVECFMI	"DVEFL2" COMPRESSION IS BEING USED ON THIS FLOW
		1...		DVECFMM	"X'80" COMPRESSION IS BEING USED IF ON

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
25	(19)	X'19'	0	DVECPI	"DVEFL2" COMPACTION IS BEING USED ON THIS FLOW
		.1..		DVECPM	"X'40" COMPACTION IS BEING USED IF ON
25	(19)	X'19'	0	DVEALTI	"DVEFL2" ALTERNATE CODE IS SUPPORTED
		..1.		DVEALTM	"X'20" ALTERNATE CODE MASK
26	(1A)	BITSTRING	1	DVEFL3	DEVICE ERROR FLAGS
26	(1A)	X'1A'	0	DVETERR	"DVEFL3" TEMPORARY DEVICE ERROR
		1...		DVETERRM	"X'80" TEMPORARY DEVICE ERROR
26	(1A)	X'1A'	0	DVEFL3	"DVEFL3" PERMANENT DEVICE ERROR
		.1..		DVEPERRM	"X'40" PERMANENT DEVICE ERROR
26	(1A)	X'1A'	0	DVESERR	"DVEFL3" SESSION ERROR
		..1.		DVESERRM	"X'20" SESSION ERROR MASK
27	(1B)	BITSTRING	1	DVECSFL	COMPARE AND SWAP FLAG WORD
27	(1B)	X'1B'	0	DVEECF	"DVECSFL" ECF FOR CONTROL OF THIS DEVICE
		1...		DVERUAN	"X'80" MASK TO TURN RU AVAIL ON
		.1..		DVEEODN	"X'40" MASK TO TURN ON EOD FLAG
		..1.		DVESESW	"X'20" DEVICE WAITING FOR A SESSION
		...1		DVEBFVAV	"X'10" MASK TO TURN BUFFER AVAIL

Comment

THE DEFINITIONS IN DVEDTYP MATCH THOSE IN SUPRMFL2

End of Comment

28	(1C)	BITSTRING	1	DVEDTYP	DEVICE TYPE OF THIS DVE
		1...		DVECONT	"X'80" CONSOLE IF ON
		.1..		DVEPUNT	"X'40" PUN IF ON
		..1.		DVEPRTT	"X'20" PRT IF ON
		...1		DVERDRT	"X'10" RDR IF ON
		.... 1...		DVEBEX	"X'08" BASIC EXCHANGE IF ON
28	(1C)	X'1C'	0	DVECLFLG	"DVEDTYP" RECURSIVE CLOSE FLAG. IF ON, A CLOSE HAS ALREADY BEEN DONE.
		.... ...1		DVECLREC	"X'01" MASK FOR ABOVE
29	(1D)	BITSTRING	1	DVEDVSL	SAVE AREA FOR FMH1DVSL (MEDIA, SUBADDRESS)
30	(1E)	BITSTRING	1	DVECNECF	CANCEL ECF (OUTBND)
		1...		DVECNON	"X'80" MASK FOR AWAIT ON
		.1..		DVECNOFF	"X'40" MASK FOR AWAITOFF
31	(1F)	BITSTRING	1	DVEFL4	FLAG BYTE
31	(1F)	X'1F'	0	DVEPDIR	"DVEFL4" PDIR SEND IN PROGRESS
		1...		DVEPDIRM	"X'80" MASK FOR ABOVE
31	(1F)	X'1F'	0	DVESPDT	"DVEFL4" WTR WAS SUSPENDED ON EOC RESPONSE BY SNDT
		.1..		DVESPDTM	"X'40" MASK FOR ABOVE
31	(1F)	X'1F'	0	DVERDLK	"DVEFL4" THIS DVE IN USE BY RDR
		..1.		DVERDLKM	"X'20" MASK FOR ABOVE
31	(1F)	X'1F'	0	DVEWSO	"DVEFL4" WTR SENDING OUTPUT CHAIN
		...1		DVEWSOM	"X'10" MASK FOR ABOVE
31	(1F)	X'1F'	0	DVECMMSG	"DVEFL4" CON MSG SENT TO PR1/CON
		.... 1...		DVECMMSGM	"X'08" MASK FOR ABOVE
31	(1F)	X'1F'	0	DVERSET	"DVEFL4" DEVICE HAS BEEN RESET
		.... .1..		DVERSETM	"X'04" MASK FOR ABOVE
32	(20)	SIGNED	4	DVEFILL (0)	INSURES DVES ON FULLWORD

Comment

THE AWAIT LIST (DVEWLST) IS DEFINED AS TWO DOUBLEWORD ENTRIES PLUS THE END OF LIST INDICATOR OF ALL ONES. EACH DOUBLEWORD HAS THE ECF ADDRESS IN THE FIRST WORD AND THE ECF MASK IN THE LOW ORDER BYTE OF THE SECOND WORD, PRECEDED BY THREE ZERO BYTES.

End of Comment

32	(20)	SIGNED	4	DVEWLST (5)	ECF WAIT LIST 4 RDRS (SNDO) AND FOR CANCEL OUTBND
32	(20)	X'24'	0	DVEWLST4	"DVEWLST+4,4" ZEROS & ECF MASK

IATYDVE Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
32	(20)	X'28'	0	DVEWLST8	"DVEWLST+8,4" ECF ADDRESS
32	(20)	X'2C'	0	DVEWLSTC	"DVEWLST+12,4" ZEROS & ECF MASK
52	(34)	SIGNED	4	DVEOPNSV (3)	SAVE AREA FOR WTR OPEN
64	(40)	SIGNED	2	DVELRECL	CURRENT REC LEN THIS DEVICE

Comment

THE MAPPING FOR THE EXFLG IS REQUIRED TO BE IDENTICAL WITH SUPFLAG0

End of Comment

66	(42)	BITSTRING	1	DVEEXFLG	FLAG FOR EXCHNGE MEDIA
66	(42)	X'42'	0	DVEEX	"DVEEXFLG" THIS IS AN EXCHANGE DEVICE
		1...		DVEEXM	"X'80" MASK FOR ABOVE
66	(42)	X'42'	0	DVEBSEX	"DVEEXFLG" THIS IS A BASIC EXCH DEV
		.1..		DVEBSEXM	"X'40" MASK FOR ABOVE
67	(43)	BITSTRING	1	DVEESADR	EXCHANGE SUBADDRESS
68	(44)	SIGNED	4	DVESAVE (7)	SAVE AREA FOR SNFO
96	(60)	SIGNED	4	DVERSVDD	RESERVED FOR DEVELOPMENT
100	(64)	SIGNED	4	DVERSVDS (2)	RESERVED FOR SERVICE
108	(6C)	SIGNED	4	DVERSVDU	RESERVED FOR USER
108	(6C)	X'70'	0	DVELEN	**IATYDVE" LENGTH OF IATYDVE

IATYDVE Cross Reference

Name

DVEALTI
 DVEALTM
 DVEBEX
 DVEBFAV
 DVEBSEX
 DVEBSEXM
 DVECEP
 DVECEPM
 DVECLFLG
 DVECLREC
 DVECLTYP
 DVECFI
 DVECFM
 DVECFMSG
 DVECFMSGM
 DVECFNECF
 DVECFNOFF
 DVECFNON
 DVECFCON
 DVECFCONM
 DVECFCONT
 DVECFPI
 DVECFPM
 DVECFCSFL
 DVECFDTYP
 DVECFDVSL
 DVECFEECF
 DVECFEODN
 DVECFESADR
 DVECFEX
 DVECFEXFLG
 DVECFEXM
 DVECFEILL
 DVECFEFL1
 DVECFEFL2

Name

DVEFL3
DVEFL4
DVELCB
DVELEN
DVELRECL

DVENSTE
DVEONST
DVEONSTM
DVEOPN
DVEOPNM

DVEOPNSV
DVEPDIR
DVEPDIRM
DVEPERR
DVEPERRM

DVEPRTT
DVEPUNT
DVERDLK
DVERDLKM
DVERDRT

DVERSET
DVERSETM
DVERSVDD
DVERSVDS
DVERSVDU

DVERUAN
DVESAVE
DVESDSC
DVESDSCM
DVESEERR

DVESEERRM
DVESESW
DVESNSD
DVESPD
DVESPDTM

DVESSP
DVESSPM
DVESUP
DVETERR
DVETERRM

DVETMPC
DVETMPCM
DVEWEDS
DVEWEDSM
DVEWLST

DVEWLSTC
DVEWLST4
DVEWLST8
DVEWSB
DVEWSO

DVEWSOM
IATYDVE

IATYDXF Information

IATYDXF Heading Information

Common Name: Dynamic exit definition
Macro ID: IATYDXF
DSECT Name: None
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: JES3 Private Area
 Auxiliary Storage: N/A
Size: DXFSIZE
Created by: IATGRPT via IATYUXL
Pointed to by: N/A
Serialization: N/A
Function: Maps the entry for a dynamic exit definition

IATYDXF Map

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
0	(0)	STRUCTURE	0	DXFSTART		
0	(0)	CHARACTER	16	DXFNAME	Exit name	
16	(10)	SIGNED	4	DXFKEY	Key	
20	(14)	SIGNED	4	DXFANUM	Abendnum value	
Comment						

Environment flag - Flag equates must match similar flag in IATYUXL.						

End of Comment						
24	(18)	BITSTRING	1	DXFENFL	Environment flag	
		.1..		DXFENGB	"X'40" Define exit on global	
		..1.		DXFENLC	"X'20" Define exit on local	
Comment						

Flag 1						

End of Comment						
25	(19)	BITSTRING	1	DXFFLG1	Flag1	
		1...		DXFROPT	"X'80" Reentrant=OPT	
		.1..		DXFRREQ	"X'40" Reentrant=REQ	
		..1.		DXFPIPL	"X'20" Persist=IPL	
		...1		DXFPADS	"X'10" Persist=ADDRESSSPACE	
26	(1A)	BITSTRING	1	DXFRSVD (2)	Reserved	
26	(1A)	X'1C'	0	DXFEND	*** End of DXF	
26	(1A)	X'1C'	0	DXFSIZE	"DXFEND-DXFSTART" Size of entry	

IATYDXF Cross Reference

IATYDXF Cross Reference

Name

DXFANUM
DXFEND
DXFENFL
DXFENGB
DXFENLC

DXFFLG1
DXFKEY
DXFNAME
DXFPADS
DXFPIPL

DXFROPT
DXFRREQ
DXFRSVD
DXFSIZE
DXFSTART

IATYDYA Information

IATYDYA Heading Information

Common Name: DYNAMIC ALLOCATION BUFFER
Macro ID: IATYDYA
DSECT Name: DYASTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: DYA
 Offset: 4
 Length: 4
Storage Attributes: Main Storage: SUBPOOL 230
 Auxiliary Storage: N/A
Size: 396 Bytes
Created by: IATSICA
Pointed to by: SELDATA IN IATYSEL
Serialization: None
Function: IATSICA sends this data area, containing information about a dynamic allocation request, to MDS.

IATYDYA Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DYASTART	
0	(0)	SIGNED	2	DYALNGTH	LENGTH OF BUFFER AREA
2	(2)	SIGNED	2	DYADYNID	ID OF DYNAMIC ALLOC REQUEST
4	(4)	CHARACTER	4	DY Aid	CONTROL BLOCK ID
8	(8)	ADDRESS	4	DYANEXT	POINTER TO NEXT DYA
12	(C)	SIGNED	2	DYAMDSRC (0)	MDS RETURN CODE TO SSI
		1...		DYADUREQ	"X'80" DYNAMIC UNALLOC NEEDED
12	(C)	BITSTRING	1	DYATYPE	DYATYPE TYPE FLAG
		1...		DYATSIF	"X'80" BUF CONTAINS SIOT/JFCB PAIR
		.1..		DYATJFX	"X'40" BUFFER CONTAINS JFCB EXT(S)
		..1.		DYATSAQD	"X'20" BUF'S STAGING AREA IN PROCES
		...1.		DYALIST	"X'10" BUF CONTAINS A UNITNAME LIST
		.... .1..		DYASMS	"X'04" SMS MANAGED DATASET REQUEST
		.... ..1.		DYATTERM	"X'02" TERMINATE REQUEST, FREE BUF
		.... ...1		DYATEOB	"X'01" LAST BUFFER IN REQUEST
13	(D)	BITSTRING	1	DYASTEPN	STEP NMBR OF ASSOCIATED RQST
14	(E)	BITSTRING	1	DYASEND (0)	END REPLY DATA 0275
14	(E)	BITSTRING	0	DYASSIZE (0)	SIZE OF REPLY DATA 0275
14	(E)	CHARACTER	8	DYAJBID	JOB ID OF ASSOCIATED RQST
22	(16)	CHARACTER	8	DYAOUNIT	ORIG SCTUTYPE IF SIOT/JFCB
32	(20)	SIGNED	4	DYASEQ	SEQUENCE NO. OF BUFFER
36	(24)	BITSTRING	1	DYAFLAGS (0)	DYNAL FCT FLAGS
36	(24)	BITSTRING	1	DYAFLAG1	FLAG1
37	(25)	BITSTRING	1	DYAFLAG2	FLAG2
38	(26)	BITSTRING	1	DYADEVTY	DEVICE TYPE FLAGS
39	(27)	BITSTRING	1	DYAFLAG3	FLAG FOR DYNAL ALLOC
		1...		DYADYNAL	"X'80" ALLOC'D BY DYNAL FCT
		.1..		DYACHND	"X'40" DYA HAS BEEN CHAINED
40	(28)	SIGNED	2	DYABUFNO	DJST BUFFER NUMBER
42	(2A)	BITSTRING	1	DYAMEDIA	MEDIA TYPE FROM SIOT EXT.
43	(2B)	BITSTRING	1	DYASETTY	SETTYPE INDEX IF DEMAND REQUEST
44	(2C)	SIGNED	4	(0)	INSURE FULL WORD ALIGNMENT
44	(2C)	X'B0'	0	DYASLOT	"176" SIZE OF SWA RECORD

IATYDYA Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

THE NEXT FOUR SECTIONS DESCRIBE IMBEDDED DATA IN THE DYA. THERE CAN ONLY BE ONE TYPE OF THE FOLLOWING THREE: SIOT/JFCB PAIR, JFCB EXTENSION OR SMS DATA IMBEDDED FOR EACH DYA. IF THERE IS A SIOT/JFCB PAIR, THERE MAY ALSO BE A UNITNAME LIST. FIELD DYATYPE INDICATES WHICH TYPE(S) WILL BE FOUND IN THE DYA.					

SIOT/JFCB PAIR FOR DYNAMIC ALLOCATION REQUEST					

End of Comment					
44	(2C)	BITSTRING	176	DYASLOT	SIOT ENTRY ROUNDED TO 176
220	(DC)	BITSTRING	1	DYAJFCB	JFCB ENTRY
Comment					

UNITNAME LIST					

End of Comment					
396	(18C)	BITSTRING	1	DYAULIST (0)	START OF LIST
Comment					

JFCB EXTENSIONS FOR DYNAMIC ALLOCATION REQUEST					

End of Comment					
44	(2C)	BITSTRING	176	DYAJFX1	1ST JFCB EXTENSION THIS BUF
220	(DC)	BITSTRING	176	DYAJFX2	2ND JFCB EXTENSION THIS BUF
396	(18C)	BITSTRING	1	DYARORG (0)	
Comment					

SMS DATA FOR DYNAMIC ALLOCATION REQUEST (NOTE: UNLESS SPECIFIED OTHERWISE, 'SMS' REFERS TO SMS DASD, NOT SMS MANAGED MOUNTABLE, I.E. ATL, VTS.)					

End of Comment					
44	(2C)	CHARACTER	44	DYADSN	DATASET NAME
88	(58)	CHARACTER	8	DYADDNAM	DDNAME FROM THE DD CARD
96	(60)	BITSTRING	1	DYADISP	DATASET DISPOSITION
		11..		DYANEW	"X'C0" NEW DATASET
		1...		DYAMOD	"X'80" MOD DATASET
		.1..		DYAOLD	"X'40" OLD DATASET
		.... 1..		DYASHR	"X'08" SHARED DATASET
97	(61)	BITSTRING	1	DYADFLG	DATASET FLAG
		1...		DYAINOP	"X'80" INOUT TREATED AS INPUT
		.1..		DYAOUTOP	"X'40" OUTIN TREATED AS OUTPUT
		...1		DYADR10	"X'10" RESERVED FLAG
		.... ..1.		DYAGDG	"X'02" GDG SINGLE

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				

RESPONSE FROM THE GLOBAL FOR THE DYNAMIC ALLOCATION REQ					

End of Comment					
14	(E)	BITSTRING	1	DYARESP (0)	DYN ALLOC SA RESP AREA
14	(E)	BITSTRING	1	DYADSTEP	STEP NUMBER
15	(F)	BITSTRING	1	DYARESV	RESERVED
16	(10)	SIGNED	2	DYADRPN	RELATIVE POS NUMBER
18	(12)	CHARACTER	8	DYADDNM	DDNAME
26	(1A)	BITSTRING	1	DYARFLG	RESPONSE FLAG
		1...		DYAFDJST	"X'80" FIRST DJST
		.1..		DYANDJST	"X'40" NEW DJST
396	(18C)	BITSTRING	1	DYAREND (0)	END OF RESPONSE AREA
396	(18C)	BITSTRING	0	DYARSIZE (0)	SIZE OF RESPONSE AREA
396	(18C)	SIGNED	4	DYAEND (0)	END OF DYA BUFFER
396	(18C)	BITSTRING	1	DYAFSIZ (0)	FIXED SIZE OF DYA

IATYDYA Cross Reference

Name

- DYABUFNO
- DYACHND
- DYADDNAM
- DYADDNM
- DYADEVTY
- DYADFLG
- DYADISP
- DYADRPN
- DYADR10
- DYADSN
- DYADSTEP
- DYADUREQ
- DYADYNAL
- DYADYNID
- DYAEND
- DYAFDJST
- DYAFLAGS
- DYAFLAG1
- DYAFLAG2
- DYAFLAG3
- DYAFSIZ
- DYAGDG
- DYAID
- DYAINOP
- DYAJBID
- DYAJFCB
- DYAJFX1
- DYAJFX2
- DYALIST
- DYALNGTH
- DYAMDSRC
- DYAMEDIA
- DYAMOD
- DYANDJST
- DYANEW

IATYDYA Cross Reference

Name

DYANEXT
DYAOLD
DYAUNIT
DYAOUTOP
DYAREND

DYARESP
DYARESV
DYARFLG
DYARORG
DYARSIZE

DYASEND
DYASEQ
DYASETTY
DYASHR
DYASIOT

DYASLOT
DYASMS
DYASSIZE
DYASTART
DYASTEPN

DYATEOB
DYATJFX
DYATSAQD
DYATSIJF
DYATTERM

DYATYPE
DYAULIST

IATYDYP Information

IATYDYP Programming Interface information

Programming Interface information

IATYDYP

End of Programming Interface information

Heading Information • IATYDYD Map

IATYDYD Heading Information

Common Name: DYNAMIC ALLOCATION DATA SET NAME TABLE
Macro ID: IATYDYD
DSECT Name: IATYDYD
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Subpool: 241
 Key: JES key
 Data Space: None
 Residency: Any
Size: 8 byte fixed portion + variable portion per DSN
Created by: IATINMD
Pointed to by: SVTDYD field of the SVT data area
Serialization: None
Function: Contains internal representation of data set names for which JES3 provides or bypasses data set integrity protection; built from JES3 DYNALDSN initialization statements.

IATYDYD Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYDYD	* X
0	(0)	BITSTRING	1	DYDFLAG	
		1... ..		DYDBYP	"X'80" SET AT INIT TIME ON = BYPASS MDS DS ENQ OFF= PROTECT VIA MDS

Comment

THIS LINE DELETED BY APAR OY65511
THIS LINE DELETED BY APAR OY65511

End of Comment

1	(1)	BITSTRING	1		RESERVED FOR JES3
2	(2)	SIGNED	2	DYDENTLN	TOTAL ENTRY LENGTH
4	(4)	SIGNED	2		RESERVED FOR JES3
6	(6)	SIGNED	2		AVAILABLE FOR USER
8	(8)	BITSTRING	1	DYDFIXL (0)	SIZE OF FIXED PORTION

Comment

DSNAME SPECIFICATION IS IN THE FOLLOWING FORM:

- (A) ONE BYTE - LENGTH OF FOLLOWING TEXT
- (B) VARIABLE TEXT OF DSN, UP TO ?, , OR END.
- (C) ONE BYTE FUNCTION CODE.

End of Comment

8	(8)	BITSTRING	1	DYDTEXT	DSNAME TEXT SPECIFICATION
8	(8)	X'8'	0	DYDLNTH	"DYDTEXT" LENGTH BYTE
8	(8)	X'8'	0	DYDFUNC	"DYDTEXT" FUNCTION CODE BYTE
		.... ....		DYDALPHA	"X'00" END OF DSN WITHOUT * OR ?
		.... .1..		DYDSTAR	"X'04" END OF DSN WITH *
		.... 1... ..		DYDENDQM	"X'08" END OF DSN WITH ?
		.... 11.. ..		DYDIMBQM	"X'0C" IMBEDDED ?. REPEAT (A)(B)(C)
9	(9)	BITSTRING	1	DYDNEXT	FOR STEP TO NEXT POSITION

IATYDYD Cross Reference

Name

DYDALPHA
DYDBYP
DYDENDQM
DYDENTLN
DYDFIXL

DYDFLAG
DYDFUNC
DYDIMBQM
DYDLNTH
DYDNEXT

DYDSTAR
DYDTEXT
IATYDYD

IATYDYN Information

IATYDYN Heading Information

Common Name: DYNAL FCT DATA AREA
Macro ID: IATYDYN
DSECT Name: DYNSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: NONE
Storage Attributes: Main Storage: JESPOOL
 Auxiliary Storage: JES3 SPOOL
Size: DYN SIZE
Created by: IATINDY
Pointed to by: DYNDYNP in IATYTVT
Serialization: None
Function: This data area contains information about the requests being processed by the DYNAL FCT.

IATYDYN Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DYNSTART	
0	(0)	BITSTRING	6	DYNTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	DYNCNT	USER COUNT.
8	(8)	CHARACTER	4	DYNID	FILE ID.
12	(C)	BITSTRING	12	DYNCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	DYNVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	DYNDATA (0)	START OF USER DATA AREA.
28	(1C)	BITSTRING	12	DYNCKFDB	CHECKPOINT FDB
40	(28)	SIGNED	4	DYNCURSA	PTR TO CURRENT STAGING AREA
44	(2C)	SIGNED	4	DYNDUMP (0)	START OF UNFORMATTED DUMP DATA
44	(2C)	SIGNED	4	DYNSUBSV (18)	SAVE AREA FOR DYSB

Comment

 SUBROUTINE ADDRESSES OF ROUTINES FOUND IN IATDYSB.

End of Comment

116	(74)	SIGNED	4	DYSUBSRT (0)	BEGINNING OF EP LIST
116	(74)	ADDRESS	4	DYDJSGET	GET SLOT ROUTINE
120	(78)	ADDRESS	4	DYDJSADD	ADD SLOTS ROUTINE
124	(7C)	ADDRESS	4	DYDJSDEL	DELETE DD ROUTINE
128	(80)	ADDRESS	4	DYDJSLOC	FIND DD ROUTINE
132	(84)	ADDRESS	4	DYDWRITE	WRITE ERROR SUBROUTINE
136	(88)	ADDRESS	4	DYDCHECK	I/O CHECK SUBROUTINE
140	(8C)	ADDRESS	4	DYDRQRY1	1ST LEVEL RETRY SUBROUTINE
144	(90)	ADDRESS	4	DYDRQRY2	2ND LEVEL RETRY SUBROUTINE
148	(94)	ADDRESS	4	DYDCOUNT	COUNT SUBROUTINE
152	(98)	SIGNED	4	DYSUBEND (0)	END OF IATDYSB ENTRY POINTS
152	(98)	SIGNED	4	DYNPMDSD	PTR TO MSDATA
156	(9C)	SIGNED	4	DYNPDYQ	PTR TO DYQSTART
160	(A0)	SIGNED	4	DYNPECF	PTR TO IATYECF
164	(A4)	SIGNED	4	DYNCMPC	PTR TO CURRENT MPC
168	(A8)	SIGNED	4	DYNPFCT	PTR TO DYNAL FCT
172	(AC)	BITSTRING	1	DYNFLG1	FLG1 FLAG BYTE 1
		1... ..		DYNWTSL	"X'80" WAITING FOR ECF SLOT
		.1.. ..		DYNRTRY	"X'40" RETRY ACTIVE
		..1.		DYNRBSY	"X'20" RESUME PROCESS AFTER BUSY CLEARS
		...1		DYNRIOC	"X'10" RESUME PROCESS WHEN I/O COMPLETE
		.... 1...		DYNALSA	"X'08" PROCESS ALLOCATION SA
		.... .1..		DYNUNSA	"X'04" PROCESS UNALLOCATION SA

IATYDYN Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... ..1.		DYNCDDSA	"X'02" PROCESS CHANGE DDNAME SA
		.... ...1		DYNEXSTA	"X'01" GET NEXT SA IN CHAIN
173	(AD)	BITSTRING	1	DYNFLG2	FLG2 FLAG BYTE 2
		1...		DYNWTANC	"X'80" WAITING FOR DJST ANCHOR
		.1..		DYNSATIS	"X'40" INDICATES REQUEST SATISFIED
		..1.		DYNREJEC	"X'20" INDICATES REJECT REQUEST
		...1		DYNSNMDS	"X'10" INDICATES SEND TO MDS
		.... 1...		DYNFDSER	"X'08" INDIC FIRST DJST SERIALIZED
		.... ..1.		DYNDCSBT	"X'04" INDIC DJST-CSBT IN USE
		.... ..1.		DYNDYCOU	"X'02" CALLER IS DYCOUNTU ROUTINE
		.... ...1		DYNJSERV	"X'01" INDICATE JSERV WAS CALLED
174	(AE)	SIGNED	2	DYNSCAN	RPN OF ECF SCAN START
176	(B0)	BITSTRING	1	DYNERRCD	ERROR REASON CODE RETURNED BY IATXMDCT
177	(B1)	BITSTRING	1	DYNRSV1 (3)	RESERVED FOR DEVELOPMENT
180	(B4)	SIGNED	4	DYNRSV9	TEMPORARY SAVE AREA 9
184	(B8)	SIGNED	4	DYNRSV3	RESERVED FOR USER
188	(BC)	SIGNED	4	DYNTSAVE	TEMPORARY SAVE AREA 1
192	(C0)	BITSTRING	8	DYNTSV34 (0)	DYNTSAV3 & DYNTSAV4
192	(C0)	SIGNED	4	DYNTSAV3	TEMPORARY SAVE AREA 3
196	(C4)	SIGNED	4	DYNTSAV4	TEMPORARY SAVE AREA 4
200	(C8)	SIGNED	4	DYNTSAV5	TEMPORARY SAVE AREA 5
204	(CC)	SIGNED	4	DYNTSAV6	TEMPORARY SAVE AREA 6
208	(D0)	SIGNED	4	DYNTSAV8	TEMPORARY SAVE AREA 8
212	(D4)	SIGNED	2	DYNHSAV	HALFWORD SAVE AREA
214	(D6)	CHARACTER	121	DYNMSG (0)	SPACE FOR IAT5830/IAT5255 MSG
214	(D6)	ADDRESS	1	DYNMSGLN	MSG LENGTH
215	(D7)	CHARACTER	8	DYNMSGNO	MSG NUMBER
223	(DF)	CHARACTER	66	DYNMSGTY (0)	MSG DATA

Comment

FOR MESSAGE THAT HAS INSERTED PARTS

End of Comment

223	(DF)	CHARACTER	7	DYNTEXT1	TEXT PART 1
230	(E6)	CHARACTER	6	DYNTEXT2	TEXT PART 2
236	(EC)	CHARACTER	34	DYNTEXT3	TEXT PART 3
270	(10E)	CHARACTER	8	DYNTEXT4	TEXT PART 4
278	(116)	CHARACTER	2	DYNTEXT5	TEXT PART 5
280	(118)	CHARACTER	8	DYNTEXT6	TEXT PART 6
288	(120)	CHARACTER	1	DYNTEXT7	TEXT PART 7
289	(121)	CHARACTER	46	DYNMSGSP	MSG SPACE
336	(150)	SIGNED	4	DYNMSGED (0)	END OF MSG
336	(150)	SIGNED	4	DYNRSVD1 (2)	RESERVED FOR DEVELOPMENT
344	(158)	SIGNED	4	DYNRSVS1 (2)	RESERVED FOR SERVICE
352	(160)	SIGNED	4	DYNRSVU1	RESERVED FOR USER 2

Comment

 THESE NEXT FEW RESERVED BYTES HAVE BEEN PLACED HERE SO
 THAT THE CHECKPOINTED FIELD (DYNCKAL) DOES NOT OVERLAY
 SOME IMPORTANT FIELDS.

End of Comment

356	(164)	BITSTRING	12	DYNCKRSV	RESERVED FOR CHKPT INTEGRITY
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Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

ANY NEW FIELDS ADDED TO THIS CONTROL BLOCK SHOULD BE ADDED AFTER THESE FIELD DEFINITIONS.					

SUBROUTINE ADDRESSES OF ROUTINES FOUND IN IATDYDR.					

End of Comment					
368	(170)	ADDRESS	4	DYNRELJ	RELEASE JST
Comment					

VARY OFFLINE COMMAND					

End of Comment					
372	(174)	ADDRESS	1	DYNVCMD	VARY OFFLINE COMMAND
373	(175)	CHARACTER	3	DYNVST	
376	(178)	CHARACTER	4	DYNVDEV	DEVICE NUMBER IN EBCDIC
385	(181)	CHARACTER	8	DYNVPROC	PROCESSOR NAME
385	(181)	X'189'	0	DYNVEND	***
393	(189)	BITSTRING	3	DYNRSVD2	RESERVED FOR DEVELOPMENT
Comment					

SAVE AREAS FOR BASE REGS AND RETURN ADDRESSES					

THIS LINE DELETED BY APAR OY64922					

End of Comment					
396	(18C)	SIGNED	4	DYNTSV10	TEMPORARY SAVE AREA 10
400	(190)	SIGNED	4	DYNGCSVA	DYDR GET CSBT R10 SAVE AREA
404	(194)	SIGNED	4	DYNGCSVE	DYDR GET CSBT R14 SAVE AREA
408	(198)	SIGNED	2	DYNBUFNO	TEMP DJST BUF NUM SAVE AREA
410	(19A)	BITSTRING	1	DYNDECFC	DUMMY ECF FOR DYNADECFC
410	(19A)	X'1'	0	DYNDPOST	"1" DUMMY POST FOR THE ECF
412	(19C)	SIGNED	4	DYNEND (0)	END OF DYN
412	(19C)	X'19C'	0	DYNSIZE	"(DYNEND-DYNSTART)" SIZE OF DYN
Comment					

0					
=== CHECKPOINTED DYN/ELB === 0					
ONLY FIELDS DEFINED IN THIS SECTION NEED TO EXIST 0					
IN THE SPOOL CHECKPOINT OVER A HOT START. 0					
REST OF DYN/ELB IS CHECKPOINTED FOR DYSB RECOVERY. 0					
ENSURE THESE FIELDS DO NOT OVERLAY THOSE NEEDED 0					
BY DYSB RECOVERY ROUTINE. 0					
FOR COMPATIBILITY THESE OFFSETS MUST NOT BE CHANGED 0					

0					
End of Comment					
0	(0)	SIGNED	4	DYNCHKPT (0)	CHECKPOINTED DYN/ELB 0262
0	(0)	BITSTRING	1	(122)	RESERVED FOR COMPATIBILITY 0262
378	(17A)	SIGNED	2	DYNCKAL	CHECKPOINTED ECF COUNT 0262
(ELBALOW/ECFALOW) 0262					
378	(17A)	X'17C'	0	DYNCEND	*** END OF CHECKPOINTED DYN/ELB 0262
378	(17A)	X'17C'	0	DYNCKSIZ	"(DYNCEND-DYNSTART)" SIZE OF CHECKPOINT DYN/ELB 0262

IATYDYN Cross Reference

IATYDYN Cross Reference

Name

DYDCHECK
DYDCOUNT
DYDJSADD
DYDJSDEL
DYDJSGET

DYDJSLOC
DYDRQRY1
DYDRQRY2
DYDWRITE
DYNALSA

DYNBUFNO
DYNCDDSA
DYNPEND
DYNCHKPT
DYNCHN

DYNCKAL
DYNCKFDB
DYNCKRSV
DYNCKSIZ
DYNCMPC

DYNCNT
DYNCURSA
DYNDATA
DYNDCSBT
DYNDEC
DYNDPOST
DYNDUMP
DYNDYCOU
DYNEND
DYNERRCD

DYNEXTSA
DYNFDSER
DYNFLG1
DYNFLG2
DYNGCSVA
DYNGCSVE
DYNHSAV
DYNID
DYNJSERV
DYNMSG

DYNMSGED
DYNMSGLN
DYNMSGNO
DYNMSGSP
DYNMSGTY

DYNPDYQ
DYNPECF
DYNPFCT
DYNPMDSD
DYNRBSY

DYNREJEC
DYNRELJ
DYNRIOC
DYNRSVD1
DYNRSVD2

Name

DYNRSVS1
DYNRSVU1
DYNRSV1
DYNRSV3
DYNRTRY

DYNSATIS
DYNSCAN
DYNSIZE
DYNSNMDS
DYNSTART

DYNSSUBSV
DYNTXT1
DYNTXT2
DYNTXT3
DYNTXT4

DYNTXT5
DYNTXT6
DYNTXT7
DYNTRK
DYNTSAVE

DYNTSAV3
DYNTSAV4
DYNTSAV5
DYNTSAV6
DYNTSAV8

DYNTSAV9
DYNTSV10
DYNTSV34
DYNUNSA
DYNVCMD

DYNVDEV
DYNVEND
DYNVLID
DYNVPROC
DYNVST

DYNWTANC
DYNWTSL
DYSUBEND
DYSUBSRT

IATYDYQ Information

IATYDYQ Heading Information

Common Name: DYNAMIC ALLOCATION QUEUE ENTRIES
Macro ID: IATYDYQ
DSECT Name: DYQSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: DYQ
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: JESPOOL
 Auxiliary Storage: N/A
Size: 216 Bytes
Created by: IATINDY
Pointed to by: DYNPDYQ in IATYDYN
Serialization: None
Function: Contains information about each request.
 Built when first READ is issued or when an ATIME is set up for an allocation request, lasts until last WRITE/RELEASE for the request. User specified limit.
 RPN corresponds to RPN of the ECF in the list. RPN 0 used only for MDS job term processing.

IATYDYQ Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DYQSTART	DYNAMIC QUEUE ENTRIES
0	(0)	CHARACTER	4	DYQID	'DYQ' IDENTIFIER
4	(4)	SIGNED	4	DYQNTRY (0)	BEGINNING OF ENTRY VARIABLE INFO
4	(4)	SIGNED	4	DYQPDSA	PTR DYN STAGING AREA
8	(8)	SIGNED	4	DYQPRSQ	PTR TO RESQUEUE
12	(C)	SIGNED	4	DYQPECF	PTR TO ECF SLOT
16	(10)	SIGNED	4	DYQPMPC	PTR TO MPC
20	(14)	SIGNED	4	DYQRFIO	RETURN ADDR WHEN I/O COMPLETES
24	(18)	SIGNED	4	DYQCHDJS	ADDR JST/DJST TO CHAIN NEW DJST
28	(1C)	SIGNED	4	DYQRFBSY	RETURN ADDR WHEN BUSY CLEARS
32	(20)	ADDRESS	4	DYQFDJAD	PTR TO FIRST DJST IN STOR.
36	(24)	ADDRESS	4	DYQCDJAD	PTR TO CURRENT DJST
40	(28)	ADDRESS	4	DYQFCENT	PTR TO FIRST CSBT ENTRY
44	(2C)	ADDRESS	4	DYQCCENT	PTR TO CURRENT CSBT ENTRY
48	(30)	ADDRESS	4	DYQBASAD	BASE REG SAVE AREA
52	(34)	SIGNED	4	(0)	ALIGN TO FULLWORD
52	(34)	BITSTRING	12	DYQCFDB	CURRENT FDB TO RD/WR/REL 2
64	(40)	BITSTRING	12	DYQNCFDB	NEXT CURRENT FDB TO RD/WR/REL
76	(4C)	SIGNED	2	DYQBUFNO	CURRENT DJST BUFFER NUMBER
78	(4E)	SIGNED	2	DYQRSVD	RESERVED FOR DEVELOPMENT
80	(50)	SIGNED	4	DYQBCHJ	ADDR OF BATCH JST BUFFER
84	(54)	SIGNED	4	DYQBSTEP	ADDR OF CURRENT STEP ENTRY
88	(58)	SIGNED	4	DYQBUFSV	MISC. BUFFER SAVE AREA
92	(5C)	SIGNED	4	DYQDCFDB	PTR TO FDB FOR DYCOUNTU I/O
96	(60)	SIGNED	2	DYQDYBNO	DYCOUNTU RTN BUFFER COUNTER
98	(62)	SIGNED	2	DYQRSVD3	Reserved for IBM

IATYDYQ Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

<p>DSQDSCTR is within the scope of a single job and will never be large enough to require a fullword. However, it is defined as a fullword to make it more convenient to manipulate in conjunction with DSNUSECT.</p>					

End of Comment					
100	(64)	SIGNED	4	DYQDSCTR	Number of times data set used by current job
104	(68)	SIGNED	4	DYQREGSV (5)	Misc. register save area
Comment					

<p>THE FOLLOWING LABELS MAP THE 6 WORDS AT DYQREGSV, AS USED BY THE DYCOUNTU AND DYQJSTCH ROUTINES IN IATDYDR.</p>					

End of Comment					
104	(68)	SIGNED	4	DYQSVR14	SAVE AREA FOR INPUT REG 14
108	(6C)	SIGNED	4	DYQSVDSN	SAVE AREA FOR SETDSN
112	(70)	SIGNED	4	DYQSVSLT	SAVE AREA FOR DJST SLOT
116	(74)	SIGNED	4	DYQTSAV6	SAVE AREA FOR DYNTSAV6
120	(78)	SIGNED	4	DYQSVR4	SAVE AREA FOR INPUT REG 4
124	(7C)	SIGNED	4	DYQRSVS1 (7)	RESERVED FOR SERVICE
152	(98)	DBL WORD	8	DYQTODAC	TOD when an allocation rqst was first suspended
152	(98)	X'98'	0	DYQTODAS	"DYQTODAC,4" 'Seconds' portion of TOD
160	(A0)	SIGNED	2	DYQCHPR	COUNT OF CHG DDN ENTRIES
162	(A2)	SIGNED	2	DYQERPN	REL POS OF ECF 1
164	(A4)	BITSTRING	12	DYQLWFDB	LAST WRITE FDB
176	(B0)	BITSTRING	1	DYQSTPNO	BINARY STEP NUMBER
177	(B1)	BITSTRING	1	DYQFLG1	FLAG BYTE 1
		1...		DYQALLOC	"X'80" ALLOC REQUEST
		.1..		DYQDJSTR	"X'40" READ DJST ACTIVE
		..1.		DYQJSTR	"X'20" READ JST ACTIVE
		...1		DYQUNAL	"X'10" UNALLOC REQUEST
		.... 1...		DYQRPDJS	"X'08" RELEASE PREVIOUS DJST
		.... .1..		DYQWFDJS	"X'04" WRITE THE 1ST DJST
		.... ..1.		DYQDJSW	"X'02" WRITE DJST ACTIVE
		.... ...1		DYQJSTW	"X'01" WRITE JST ACTIVE
178	(B2)	BITSTRING	1	DYQFLG2	FLAG BYTE 2
		1...		DYQFDJST	"X'80" 1ST DJST CREATE IN PROGRESS
		.1..		DYQNDJST	"X'40" NEW DJST
		..1.		DYQBSYB	"X'20" AGETBUF BUSY
		...1		DYQBSYRD	"X'10" READ MUST BE REISSUED
		.... 1...		DYQBSYWR	"X'08" WRITE MUST BE REISSUED
		.... .1..		DYQCHGDD	"X'04" CHANGE DDNAME REQUEST
		.... ..1.		DYQADJST	"X'02" ACTIVE DJST ENTRY EXISTS
		.... ...1		DYQCHDD	"X'01" CHG DDN MADE IN THIS DJST
179	(B3)	BITSTRING	1	DYQFLG3	FLAG BYTE 3
		1...		DYQACOMP	"X'80" ALLOCATIONS COMPLETE
		.1..		DYQPDJST	"X'40" NEW 1ST DJST PREALLOCATED
		..1.		DYQFDTMP	"X'20" TEMP ALTERED JST CHAIN FDB
		...1		DYQDCSBT	"X'10" CSBT STRUCTURE IS IN USE
		.... 1...		DYQSERFR	"X'08" FIRST DJST IS SERIALIZED
		.... .1..		DYQSERBS	"X'04" BUSY COND AT SERIALIZATION
		.... ..1.		DYQJSTIN	"X'02" JST HAS BEEN READ IN
		.... ...1		DYQNJST	"X'01" READ FOR NTH JST ACTIVE
180	(B4)	BITSTRING	6	DYQJST	SAVE AREA FOR JST CHAIN FLD
186	(BA)	BITSTRING	1	DYQFLG4	FLAG BYTE 4
		1...		DYQFDDJS	"X'80" TEMP ALTERED DJST CHAIN FDB

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.1..		DYQDYCO	"X'40" DYCOUNTU RTN READING DJST
		..1.		DYQSCNCT	"X'20" DSN USES BEING COUNTED (DSNSCNCT WAS INCREMENTED)
		...1		DYQWTBIT	"X'10" Wait a bit - waiting for potential unallocation
187	(BB)	BITSTRING	1	DYQECF	ECF for ATIME expiration
		1...		DYQTMUP	"X'80" Post when ATIME expires
188	(BC)	SIGNED	4	DYQRSH1	RESERVED FOR DEVELOPMENT
192	(C0)	SIGNED	4	DYQJOBNO	Binary job number
196	(C4)	SIGNED	4	DYQRSH3	RESERVED FOR USER
196	(C4)	X'C8'	0	DYQEND	*** END OF DYQ
196	(C4)	X'C8'	0	DYQSIZE	"(DYQEND-DYQSTART)" SIZE OF DYQ
196	(C4)	X'C4'	0	DYQCLRSZ	"(DYQEND-DYQNTRY)" SIZE OF THE DYQ ENTRY TO CLEAR

IATYDYQ Cross Reference

Name

DYQACOMP
 DYQADJST
 DYQALLOC
 DYQBASAD
 DYQBCHJ
 DYQBSTEP
 DYQBSYB
 DYQBSYRD
 DYQBSYWR
 DYQBUFNO
 DYQBUFSV
 DYQCCENT
 DYQCDJAD
 DYQCFDB
 DYQCHDD
 DYQCHDJS
 DYQCHGDD
 DYQCHPR
 DYQCLRSZ
 DYQDCFDB
 DYQDCSBT
 DYQDJSTR
 DYQJJSW
 DYQDSCTR
 DYQDYBNO
 DYQDYCO
 DYQECF
 DYQEND
 DYQERP
 DYQFCENT
 DYQFDDJS
 DYQFDJAD
 DYQFDJST
 DYQFDTMP
 DYQFLG1
 DYQFLG2
 DYQFLG3
 DYQFLG4
 DYQID
 DYQJOBNO

IATYDYQ Cross Reference

Name

DYQJST
DYQJSTIN
DYQJSTR
DYQJSTW
DYQLWFDB

DYQNCFDB
DYQNDJST
DYQNJST
DYQNTRY
DYQPDJST

DYQPDSA
DYQPECF
DYQPMPC
DYQPRSQ
DYQREGSV

DYQRFBSY
DYQRFIO
DYQRPDJS
DYQRSH1
DYQRSH3

DYQRSVD
DYQRSVD3
DYQRSVS1
DYQSCNCT
DYQSERBS

DYQSERFR
DYQSIZE
DYQSTART
DYQSTPNO
DYQSVDSN

DYQSVR14
DYQSVR4
DYQSVSLT
DYQTMUP
DYQTODAC

DYQTODAS
DYQTSV6
DYQUNAL
DYQWFDJS
DYQWTBIT

IATYDYR Information

IATYDYR Heading Information

Common Name: DYNAMIC ALLOCATION RECORD CONTROL BLOCK
Macro ID: IATYDYR
DSECT Name: IATYDYR
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: DYR
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: SUBPOOL 255
 Auxiliary Storage: N/A
Size: 32 Bytes
Created by: IATSICA
Pointed to by: AWADYR in IATYAWA
Serialization: None
Function: Used by a local processor to record which dynamic allocations have been bypassed from Global MDS processing.

IATYDYR Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYDYR	*
0	(0)	CHARACTER	4	DYRDYR	DUMP LOCATOR
4	(4)	SIGNED	4	DYRCHAIN	NEXT (LIFO) DYR ENTRY
8	(8)	BITSTRING	1	DYRFLAG	FLAGS
		1...		DYRBYP	"X'80" DYNAL BYPASSED FROM MDS
		.1..		DYRDYFCT	"X'40" DYNAL SENT TO NEW FCT.

Comment

NO DYR ENTRY EXISTS FOR DYNALS SENT TO MDS FCT.

End of Comment

9	(9)	BITSTRING	1	DYRSTEP	STEP NUMBER WHEN DYNAL OCCRD
10	(A)	CHARACTER	8	DYRDDNAM	DDNAME OF DYNALLOC
18	(12)	SIGNED	2	DYRRPN	RELATIVE POSITION NUMBER.
20	(14)	SIGNED	2	DYRBUFNO	DJST BUFFER NUMBER
22	(16)	SIGNED	2	DYRRSVD1	RESERVED FOR DEVELOPMENT
24	(18)	SIGNED	4		RESERVED FOR JES3
28	(1C)	SIGNED	4		AVAILABLE FOR USER.
32	(20)	BITSTRING	1	DYRSIZE (0)	CONTROL BLOCK LENGTH.
32	(20)	X'FF'	0	DYRPOOL	"255" LSQA SUBPOOL FOR DYR

IATYDYR Cross Reference

Name

DYRBUFNO
 DYRBYP
 DYRCHAIN
 DYRDDNAM
 DYRDYFCT
 DYRDYR
 DYRFLAG
 DYRPOOL
 DYRRPN
 DYRRSVD1

IATYDYR Cross Reference

Name

DYRSIZE
DYRSTEP
IATYDYR

IATYD037 Information

IATYD037 Heading Information

Common Name: DM037 Abend Reason Codes
Macro ID: IATYD037
DSECT Name: None
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: NONE
Storage Attributes: Main Storage: N/A
 Virtual Storage: N/A
 Auxiliary Storage: N/A
 Subpool: N/A
 Key: N/A
 Data Space: N/A
 Residency: N/A
Size: N/A
Created by: N/A
Pointed to by: N/A
Serialization: NONE
Function: This macro contains the equates for the DM037abend reason codes.

IATYD037 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE.... ..1	0	D037R001	"X'0001'" Reason code 1
Comment					
----- Reason Code 2 An IATXBPL error occurred while attempting to create the VIO element cellpool during IATXVIO JOBVAL_INIT processing. Debugging Information: R2 = IATXBPL return code -----					
End of Comment					
		.... ..1.		D037R002	"X'0002'" Reason code 2
Comment					
----- Reason Code 3 An IATXGCL error occurred while attempting to get a VIO cell from the cellpool during IATXVIO ADD_READ processing. Debugging Information: R2 = IATXGCL return code R7 = VIW address R13 = JVD address -----					
End of Comment					
		.... ..11		D037R003	"X'0003'" Reason code 3

IATYD037 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

Reason Code 4					
The VIO element for the requested spool record could not be found for an IATXVIO ADD_WRITE request.					
Debugging Information:					
R7 = VIW address					
R13 = JVD address					

End of Comment					
....	.1..			D037R004	"X'0004" Reason code 4
Comment					

Reason Code 5					
The VIO element for the requested spool record could not be found for an IATXVIO GET request.					
Debugging Information:					
R7 = VIW address					
R13 = JVD address					

End of Comment					
....	.1.1			D037R005	"X'0005" Reason code 5
Comment					

Reason Code 6					
The VIO element for the requested spool record could not be found for an IATXVIO DELETE request.					
Debugging Information:					
R7 = VIW address					
R13 = JVD address					

End of Comment					
....	.11.			D037R006	"X'0006" Reason code 6
Comment					

Reason Code 7					
The VIO element for the requested spool record could not be found for an IATXVIO WRITE_CHECK request.					
Debugging Information:					
R7 = VIW address					
R13 = JVD address					

End of Comment					
....	.111			D037R007	"X'0007" Reason code 7

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

Reason Code 8					
The VIO element for the requested spool record could not be found for an IATXVIO EXTRACT request.					
Debugging Information:					
R7 = VIW address					
R13 = JVD address					

End of Comment					
	1...		D037R008	"X'0008" Reason code 8
Comment					

Reason Code 9					
An IATXVIO ADD_WRITE request was issued but the caller did not successfully complete a read request for this spool record (i.e. an IATXVIO ADD_READ was not done or the read I/O did not complete successfully.					
Debugging Information:					
R2 = Byte 1 = 0					
Byte 2 = 0					
Byte 3 = VIO read status flag 1 (VIORFLG1)					
Byte 4 = VIO read status flag 2 (VIORFLG2)					
R6 = VIO address					
R7 = VIW address					
R13 = JVD address					

End of Comment					
	1..1		D037R009	"X'0009" Reason code 9
Comment					

Reason Code 10 (X'000A')					
An IATXVIO ADD_WRITE request was issued but there is another write request pending for this spool record.					
Debugging Information:					
R2 = Byte 1 = 0					
Byte 2 = 0					
Byte 3 = VIO write status flag 1 (VIOWFLG1)					
Byte 4 = VIO write status flag 2 (VIOWFLG2)					
R6 = VIO address					
R7 = VIW address					
R13 = JVD address					

End of Comment					
	1.1.		D037R010	"X'000A" Reason code 10

IATYD037 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

Reason Code 11 (X'000B')					
An IATXVIO ADD_WRITE request was issued and the control block id does not match the one provided when the spool record was read.					
Debugging Information:					
R2 = Bad control block id					
R6 = VIO address					
R7 = VIW address					
R13 = JVD address					

End of Comment					
....	1.11			D037R011	"X'000B" Reason code 11
Comment					

Reason Code 12 (X'000C')					
An IATXIOX service returned indicating that the write I/O has not completed for an IATXVIO WRITE_CHECK request (even though we think it has completed).					
Debugging Information:					
R6 = VIO address					
R7 = VIW address					
R13 = JVD address					

End of Comment					
....	11..			D037R012	"X'000C" Reason code 12
Comment					

Reason Code 13 (X'000D')					
An IATXRCL error occurred while attempting to free a VIO cell during IATXVIO DELETE processing.					
Debugging Information:					
R2 = IATXRCL return code					
R6 = VIO address					
R7 = VIW address					
R13 = JVD address					

End of Comment					
....	11.1			D037R013	"X'000D" Reason code 13

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

Reason Code 14 (X'000E')					
An IATXVIO WRITE_CHECK request was issued and it was determined that the read I/O did not complete successfully.					
Debugging Information:					
R2 = Byte 1 - Read status flag 1 (VIORFLG1)					
Byte 2 - Read status flag 1 (VIORFLG2)					
Byte 3 - Write status flag 1 (VIOWFLG1)					
Byte 4 - Write status flag 1 (VIOWFLG2)					
R6 = VIO address					
R7 = VIW address					
R13 = JVD address					

End of Comment					
	....	111.		D037R014	"X'000E'" Reason code 14
Comment					

Reason Code 15 (X'000F')					
An IATXVIO WRITE_CHECK request was issued and it was determined that an IATXVIO ADD_WRITE request was not issued for this spool record.					
Debugging Information:					
R2 = Byte 1 - Read status flag 1 (VIORFLG1)					
Byte 2 - Read status flag 1 (VIORFLG2)					
Byte 3 - Write status flag 1 (VIOWFLG1)					
Byte 4 - Write status flag 1 (VIOWFLG2)					
R6 = VIO address					
R7 = VIW address					
R13 = JVD address					

End of Comment					
	....	1111		D037R015	"X'000F'" Reason code 15
Comment					

Reason Code 16 (X'0010')					
During IATXVIO INITIATE processing, an IATXSIO single read request returned indicating that an error occurred.					
Debugging Information:					
R3 = DMC address					
R6 = VIO address					
R7 = VIW address					
R13 = JVD address					

End of Comment					
	...1	....		D037R016	"X'0010'" Reason code 16

IATYD037 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

Reason Code 17 (X'0011')					
During IATXVIO INITIATE processing, an IATXSIO multi-read request returned indicating that an error occurred.					
Debugging Information:					
R3 = First DMC address in multi-read DMC chain					
R6 = VIO address					
R7 = VIW address					
R13 = JVD address					

End of Comment					
		...1 ...1		D037R017	"X'0011" Reason code 17
Comment					

Reason Code 18 (X'0012')					
During IATXVIO INITIATE processing, an AWRITE request returned indicating that an error occurred.					
Debugging Information:					
R2 = Dump code returned from AWRITE					
R3 = Reason code returned from AWRITE					
R6 = VIO address					
R7 = VIW address					
R13 = JVD address					

End of Comment					
		...1 ..1.		D037R018	"X'0012" Reason code 18
Comment					

Reason Code 19 (X'0013')					
During IATXVIO INITIATE processing, an AWRITE request returned indicating that it was unable to initiate the I/O (i.e. the AWRITE BUSY exit was taken).					
Debugging Information:					
R6 = VIO address					
R7 = VIW address					
R13 = JVD address					

End of Comment					
		...1 ..11		D037R019	"X'0013" Reason code 19

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

Reason Code 20 (X'0014')					
During IATXVIO ADD_READ processing, a VIO element was found on the chain having the same spool address of the spool record being added.					
Debugging Information:					
R2 = First four bytes of spool address					
R3 = Byte 1 - fifth byte of spool address					
Byte 2 - sixth byte of spool address					
Byte 3 - zero					
Byte 4 - zero					
R6 = VIO address associated with spool address					
R7 = VIW address					
R13 = JVD address					

End of Comment					
...	1	.1..		D037R020	"X'0014" Reason code 20
Comment					

Reason Code 21 (X'0015')					
During IATXVIO WRITE_CHECK processing, it was determined that the AWRITE request used to initiate the write I/O was unsuccessful. This reason code is used to cause the calling FCT's recovery routine to be entered.					
Debugging Information:					
None. This reason code is used to cause the calling FCT's recovery routine to be entered.					
Diagnostic information has already been provided by the INITIATE service when the AWRITE error was detected.					

End of Comment					
...	1	.1.1		D037R021	"X'0015" Reason code 21
Comment					

Reason Code 22 (X'0016')					
A VIW already existed when an IATXVIO FCT_INIT request was issued (probably caused by more than one IATXVIO FCT_INIT request).					
Debugging Information:					
R7 = VIW address					

End of Comment					
...	1	.11.		D037R022	"X'0016" Reason code 22

IATYD037 Cross Reference

IATYD037 Cross Reference

Name

D037R001
D037R002
D037R003
D037R004
D037R005

D037R006
D037R007
D037R008
D037R009
D037R010

D037R011
D037R012
D037R013
D037R014
D037R015

D037R016
D037R017
D037R018
D037R019
D037R020

D037R021
D037R022

IATYD671 Information

IATYD671 Heading Information

Common Name: DM671 Abend Reason Codes
Macro ID: IATYD671
DSECT Name: None
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: NONE
Storage Attributes: Main Storage: N/A
 Virtual Storage: N/A
 Auxiliary Storage: N/A
 Subpool: N/A
 Key: N/A
 Data Space: N/A
 Residency: N/A
Size: N/A
Created by: N/A
Pointed to by: N/A
Serialization: NONE
Function: This macro contains the equates for the DM671abend reason codes.

IATYD671 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE.... ..1	0	D671R001	"X'0001" Reason code 1
Comment					
----- Reason Code 2 The number of fields to be modified in the IATXSWBU parameter list is greater than the maximum number of fields. Debugging Information: R2 = Number of fields to be modified R3 = Maximum number of fields -----					
End of Comment					
		.... ..1.		D671R002	"X'0002" Reason code 2
Comment					
----- Reason Code 3 The data length associated with one of the fields to be modified is not equal to the maximum data length. Debugging Information: R2 = Current data length R3 = Maximum data length R4 = Address of IATXSWBU variable entry in error. -----					
End of Comment					
		.... ..11		D671R003	"X'0003" Reason code 3

IATYD671 Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

Reason Code 4					
The data address associated with one of the fields to be modified is non-zero but the data length is zero.					
Debugging Information:					
R4 = Address of IATXSWBU variable entry in error.					

End of Comment					
		.... .1..		D671R004	"X'0004" Reason code 4
Comment					

Reason Code 5					
The SWB TU prefix in the output SWB TU file read from spool does not contain the correct eye catcher.					
Debugging Information:					
R2 = SWB TU prefix address					

End of Comment					
		.... .1.1		D671R005	"X'0005" Reason code 5
Comment					

Reason Code 6					
The size of the SWB TU record does not match the total size of the record returned by ADEBLOCK.					
Debugging Information:					
R2 = SWB TU prefix address					
R3 = Size of record returned by ADEBLOCK					

End of Comment					
		.... .11.		D671R006	"X'0006" Reason code 6

IATYD671 Cross Reference

Name

D671R001
D671R002
D671R003
D671R004
D671R005
D671R006

IATYD678 Information

IATYD678 Heading Information

Common Name: DM678 Abend Reason Codes
Macro ID: IATYD678
DSECT Name: None
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: NONE
Storage Attributes: Main Storage: N/A
 Virtual Storage: N/A
 Auxiliary Storage: N/A
 Subpool: N/A
 Key: N/A
 Data Space: N/A
 Residency: N/A
Size: N/A
Created by: N/A
Pointed to by: N/A
Serialization: NONE
Function: This macro contains the equates for the DM678 abend reason codes.

IATYD678 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	X'1'	0	D678R001	"1" Reason code 1

Comment					

Reason Code 2					
The size of the SWB TU record does not match the total size of the record returned by ADEBLOCK.					
Debugging Information:					
R6 = SWB TU prefix address					
R7 = Size of record returned by ADEBLOCK					

End of Comment					
0	(0)	X'2'	0	D678R002	"2" Reason code 2

IATYD679 Information

IATYD679 Heading Information

Common Name: DM678 Abend Reason Codes
Macro ID: IATYD678
DSECT Name: None
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: NONE
Storage Attributes: Main Storage: N/A
 Virtual Storage: N/A
 Auxiliary Storage: N/A
 Subpool: N/A
 Key: N/A
 Data Space: N/A
 Residency: N/A
Size: N/A
Created by: N/A
Pointed to by: N/A
Serialization: NONE
Function: This macro contains the equates for the DM678 abend reason codes.

IATYD679 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	X'1'	0	D678R001	"1" Reason code 1

Comment					

Reason Code 2					
The size of the SWB TU record does not match the total size of the record returned by ADEBLOCK.					
Debugging Information:					
R6 = SWB TU prefix address					
R7 = Size of record returned by ADEBLOCK					

End of Comment					
0	(0)	X'2'	0	D678R002	"2" Reason code 2

IATYD759 Information

IATYD759 Heading Information

Common Name: DM759 ABEND Reason Codes
Macro ID: IATYD759
DSECT Name: NONE
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: N/A
 Auxiliary Storage: N/A
Size: N/A
Created by: N/A
Pointed to by: N/A
Serialization: N/A
Function: Provide equates for the DM759 ABEND reason codes.

IATYD759 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0		
		.... ..1		R759CD01	"X'01" IATINM3 - failure during IXZXIXAT (Attach)
		.... ..1.		R759CD02	"X'02" IATINM3 - failure during IXZXIXMB (mail box build for the default mail box)
		.... ..11		R759CD03	"X'03" IATINM3 - failure during IXZXIXMD (mailbox delete for the default mail box)
		.... ..1..		R759CD04	"X'04" IATINM3 - failure during 0113 IXCQUERY (Old global 0113 checking if all active 0113 mains have reconnected) 0113
		.... ..1.1		R759CD05	"X'05" IATINM3 - failure during IXZXIXUS (user state update for ARM)
		.... ..11.		R759CD06	"X'06" IATINM3 - the JESXCF group 0027 name is already in use in 0027 the SYSPLEX 0027
		.... ..111		R759CD07	"X'07" IATINM3 - reserved
		.... 1...		R759CD08	"X'08" IATINM3 - reserved
		.... 1..1		R759CD09	"X'09" IATSSDS - failure during DSQLOC (mailbox not created for DESTQ)
		.... 1.1.		R759CD0A	"X'0A" IATSSDS - failure during DSQLOC (IXZXIXRM failed)
		.... 1.11		R759CD0B	"X'0B" IATSSDS - failure during DSQLOC (unable to locate matching MPC for the system that sent the current message)
		.... 11..		R759CD0C	"X'0C" IATSSDS - invalid envelope returned from JESXCF Receive Message
		.... 11.1		R759CD0D	"X'0D" IATSSDS - failure during DSQLOC (msg delivered to wrong mailbox)
		.... 111.		R759CD0E	"X'0E" IATSSDS - Invalid staging area returned from JESXCF Receive Message
		.... 1111		R759CD0F	"X'0F" IATSSDS - failure during DSQLOC reserved
		...1		R759CD10	"X'10" IATSSDS - failure during DSQLOC reserved
		...1 ...1		R759CD11	"X'11" IATSSDS - failure during DLOCON (IXZXIXMB failed)
		...1 ..1.		R759CD12	"X'12" IATSSDS - failure during DLOCON reserved
		...1 ..11		R759CD13	"X'13" IATSSDS - failure during DLOCON reserved
		...1 ..1..		R759CD14	"X'14" IATSSDS - failure during DLOCON reserved
		...1 ..1.1		R759CD15	"X'15" IATSSDS - failure during DLOCON reserved
		...1 ..11.		R759CD16	"X'16" IATSSDS - failure during DLOCON reserved
		...1 ..111		R759CD17	"X'17" IATSSDS - failure during DLOCON reserved
		...1 1...		R759CD18	"X'18" IATSSDS - failure during DLOCON reserved
		...1 1..1		R759CD19	"X'19" IATSSDS - failure during DLOCOFF (IXZXIXAC failed)
		...1 1.1.		R759CD1A	"X'1A" IATSSDS - failure during DLOCOFF (IXZXIXMD failed)

IATYD759 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
...	1.11	R759CD1B		"X'1B"	IATSSDS - failure during DLOCOFF reserved
...	11..	R759CD1C		"X'1C"	IATSSDS - failure during DLOCOFF reserved
..1	11.1	R759CD1D		"X'1D"	IATSSDS - failure during DLOCOFF reserved
...	111.	R759CD1E		"X'1E"	IATSSDS - failure during DLOCOFF reserved
...	1111	R759CD1F		"X'1F"	IATSSDS - failure during DLOCOFF reserved
..1.	....	R759CD20		"X'20"	IATSSDS - failure during DLOCOFF reserved
..1.	...1	R759CD21		"X'21"	IATSSRN - failure (invalid routine index)
..1.	..1.	R759CD22		"X'22"	IATSSRN - failure (IXZXIXMD failed)
..1.	..11	R759CD23		"X'23"	IATSSRN - failure reserved
..1.	.1..	R759CD24		"X'24"	IATSSRN - failure reserved
..1.	.1.1	R759CD25		"X'25"	IATSSRN - failure reserved
..1.	.11.	R759CD26		"X'26"	IATSSRN - failure reserved
..1.	.111	R759CD27		"X'27"	IATSSRN - failure reserved
..1.	1...	R759CD28		"X'28"	IATSSRN - failure reserved
..1.	1.1.1	R759CD29		"X'29"	IATMSDR - failure (Mailbox build)
..1.	1.1.	R759CD2A		"X'2A"	IATMSDR - failure (Initial Mailbox Clear)
..1.	1.11	R759CD2B		"X'2B"	IATMSDR - failure (IXZXIXIF Error)
..1.	11..	R759CD2C		"X'2C"	IATMSDR - failure (IXZXIXRM Error)
..1.	11.1	R759CD2D		"X'2D"	IATMSDR - failure (IXZXIXAC Error)
..1.	111.	R759CD2E		"X'2E"	IATMSDR - failure ("Connect Request" IXZXIXSM Error)
..1.	1111	R759CD2F		"X'2F"	IATMSDR - failure (IXZXIXCN Error flowing messages to the connecting system)
..11	....	R759CD30		"X'30"	IATMSDR - failure ("Allow Connect" IXZXIXSM Error)
..11	...1	R759CD31		"X'31"	IATMSDR - failure (IXZXIXIF Error after GEPL was received)
..11	..1.	R759CD32		"X'32"	IATMSDR - failure (IXZXIXCN Error resetting JESXCF connect state)
..11	..11	R759CD33		"X'33"	IATMSDR - failure (Invalid envelope returned from JESXCF Receive message)
..11	.1..	R759CD34		"X'34"	IATMSDR - failure (IXZXIXUS failed)
..11	.1.1	R759CD35		"X'35"	IATMSDR - failure reserved
..11	.11.	R759CD36		"X'36"	IATMSDR - failure reserved
..11	.111	R759CD37		"X'37"	IATMSDR - failure reserved
..11	1...	R759CD38		"X'38"	IATMSDR - failure reserved
..11	1.1.1	R759CD39		"X'39"	IATMSR1 - failure (IXZXIXCN failed)
..11	1.1.	R759CD3A		"X'3A"	IATMSR1 - failure (IXZXIXSM failed for a single message)
..11	1.11	R759CD3B		"X'3B"	IATMSR1 - failure (IXZXIXSM failed for the first segment of a multi-segment message)
..11	11..	R759CD3C		"X'3C"	IATMSR1 - failure (IXZXIXSM failed for the n-th segment of a multi-segment message)
..11	11.1	R759CD3D		"X'3D"	IATMSR1 - failure (IXZXIXSM failed for the last segment of a multi-segment message)
..11	111.	R759CD3E		"X'3E"	IATMSR1 - failure 17395TAC reserved 17395TAC
..11	1111	R759CD3F		"X'3F"	IATMSR1 - failure 17395TAC reserved 17395TAC
.1..	....	R759CD40		"X'40"	IATMSR1 - failure reserved
.1..	...1	R759CD41		"X'41"	IATMSR2 - failure reserved
.1..	..1.	R759CD42		"X'42"	IATMSR2 - failure reserved
.1..	..11	R759CD43		"X'43"	IATMSR2 - failure reserved
.1..	.1..	R759CD44		"X'44"	IATMSR2 - failure reserved
.1..	.1.1	R759CD45		"X'45"	IATMSR2 - failure reserved
.1..	.11.	R759CD46		"X'46"	IATMSR2 - failure reserved
.1..	.111	R759CD47		"X'47"	IATMSR2 - failure reserved
.1..	1...	R759CD48		"X'48"	IATMSR2 - failure reserved
.1..	1.1.1	R759CD49		"X'49"	IATMSR3 - failure (IXZXIXCN failed)
.1..	1.1.	R759CD4A		"X'4A"	IATMSR3 - failure reserved
.1..	1.11	R759CD4B		"X'4B"	IATMSR3 - failure reserved
.1..	11..	R759CD4C		"X'4C"	IATMSR3 - failure reserved
.1..	11.1	R759CD4D		"X'4D"	IATMSR3 - failure reserved
.1..	111.	R759CD4E		"X'4E"	IATMSR3 - failure reserved
.1..	1111	R759CD4F		"X'4F"	IATMSR3 - failure reserved
.1.1	....	R759CD50		"X'50"	IATMSR3 - failure reserved
.1.1	...1	R759CD51		"X'51"	IATDSI1 - failure (IXZXIXUS failed)

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.1.1 ..1.		R759CD52	"X'52" IATDSI1 - failure (IXCTERM failed)
		.1.1 ..11		R759CD53	"X'53" IATDSI1 - failure reserved
		.1.1 .1..		R759CD54	"X'54" IATDSI1 - failure reserved
		.1.1 .1.1		R759CD55	"X'55" IATDSI1 - failure reserved
		.1.1 .11.		R759CD56	"X'56" IATDSI1 - failure reserved
		.1.1 .111		R759CD57	"X'57" IATDSI1 - failure reserved
		.1.1 1...		R759CD58	"X'58" IATDSI1 - failure reserved

IATYD759 Cross Reference

Name

- R759CD0A
- R759CD0B
- R759CD0C
- R759CD0D
- R759CD0E

- R759CD0F
- R759CD01
- R759CD02
- R759CD03
- R759CD04

- R759CD05
- R759CD06
- R759CD07
- R759CD08
- R759CD09

- R759CD1A
- R759CD1B
- R759CD1C
- R759CD1D
- R759CD1E

- R759CD1F
- R759CD10
- R759CD11
- R759CD12
- R759CD13

- R759CD14
- R759CD15
- R759CD16
- R759CD17
- R759CD18

- R759CD19
- R759CD2A
- R759CD2B
- R759CD2C
- R759CD2D

- R759CD2E
- R759CD2F
- R759CD20
- R759CD21
- R759CD22

- R759CD23
- R759CD24
- R759CD25
- R759CD26
- R759CD27

IATYD759 Cross Reference

Name

R759CD28
R759CD29
R759CD3A
R759CD3B
R759CD3C

R759CD3D
R759CD3E
R759CD3F
R759CD30
R759CD31

R759CD32
R759CD33
R759CD34
R759CD35
R759CD36

R759CD37
R759CD38
R759CD39
R759CD4A
R759CD4B

R759CD4C
R759CD4D
R759CD4E
R759CD4F
R759CD40

R759CD41
R759CD42
R759CD43
R759CD44
R759CD45

R759CD46
R759CD47
R759CD48
R759CD49
R759CD50

R759CD51
R759CD52
R759CD53
R759CD54
R759CD55

R759CD56
R759CD57
R759CD58

IATYD764 Information

IATYD764 Heading Information

Common Name: DM678 Abend Reason Codes
Macro ID: IATYD678
DSECT Name: None
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: NONE
Storage Attributes: Main Storage: N/A
 Virtual Storage: N/A
 Auxiliary Storage: N/A
 Subpool: N/A
 Key: N/A
 Data Space: N/A
 Residency: N/A
Size: N/A
Created by: N/A
Pointed to by: N/A
Serialization: NONE
Function: This macro contains the equates for the DM678 abend reason codes.

IATYD764 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	X'1'	0	D678R001	"1" Reason code 1

Comment					

Reason Code 2					
The size of the SWB TU record does not match the total size of the record returned by ADEBLOCK.					
Debugging Information:					
R6 = SWB TU prefix address					
R7 = Size of record returned by ADEBLOCK					

End of Comment					
0	(0)	X'2'	0	D678R002	"2" Reason code 2

IATYECF Information

IATYECF Programming Interface information

Programming Interface information

IATYECF

End of Programming Interface information

Heading Information • IATYECF Map

IATYECF Heading Information

Common Name: ECF List Control Block used by Dynal FCT
Macro ID: IATYECF
DSECT Name: ECFSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: ECFE
 Offset: 0
 Length: 4
Storage Attributes: Subpool: Subpool 0 and JES
 Key: JES key
 Residency: Any
Size: 36 Bytes
Created by: IATINDY
Pointed to by: DYNPECF field of the DYN data area.
Serialization: None
Function: --RPN 0 is Staging Area ECF
 --RPN N are I/O ECFS
 --SLOTS are made available for reuse when
 processing for the request (ALLOCATION-
 DEALLOCATION-CHANGE DDNAME) is complete.

IATYECF Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	ECFSTRT	

Comment

ECF LIST CONTROL BLOCK (ELB)

01 Change Activity:

\$RC= SP110 HJS6601 950329 PD0VW: SP 1.1.0 SHOWHDR RUN
0

End of Comment

0	(0)	CHARACTER	4	ECFEID	CONTROL BLOCK ID
4	(4)	SIGNED	4	ECFREGS (5)	REGISTER SAVE AREA
24	(18)	SIGNED	2	ECFUSE	IN USE ECF COUNT
26	(1A)	SIGNED	2	ECFRPN	RELATIVE POSITION NUMBER
28	(1C)	BITSTRING	1	ECFEFLG	ELB FLAG

Comment

DEFINITION OF ELB FLAG

End of Comment

		1...		ECFINIT	"X'80" ECF LIST INITIALIZED
		.1..		ECFUNAV	"X'40" ECF UNAVAILABLE
		..1.		ECFOFF	"X'20" AWAIT (TYPE=OFF) SPECIFIED
		...1		ECFONE	"X'10" SINGLE ENTRY CHECK
29	(1D)	BITSTRING	1	ECFXRSV	RESERVED BYTE
30	(1E)	SIGNED	2	ECFHRSV	RESERVED HALF WORD
32	(20)	SIGNED	2	ECFALOC	PREALLOCATED ECF COUNT 0245
34	(22)	SIGNED	2	ECFALOW	ALLOWED ECF COUNT 0245 THIS FIELD (FOR DYNAMIC 0262 ALLOCATION) IS CHKPOINTED 0262 IN DYNCKAL 0262

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
END OF CHECKPOINTED SECTION 0					

ECF LIST MUST CONTAIN (2 ELBALOC) + 1 FULLWORDS.					
" + 1 " FOR EOF.					

End of Comment					
36	(24)	SIGNED	4	ECFLIST (0)	BEGINNING OF ECF LIST
36	(24)	SIGNED	4	ECFEND (0)	END OF ELB
36	(24)	X'24'	0	ECFLEN	"ECFEND-ECFSTRT" LENGTH OF ELB
Comment					
ECF List Control Block used by Dynal FCT					
01 Change Activity:					
\$PI= 511 HJS5511 940215 SP 5.1.1					
End of Comment					

IATYECF Cross Reference

Name

- ECFALOC
- ECFALOW
- ECFEFLG
- ECFEID
- ECFEND
- ECFHRSV
- ECFINIT
- ECFLEN
- ECFLIST
- ECFOFF
- ECFONE
- ECFREGS
- ECFRPN
- ECFSTRT
- ECFUNAV
- ECFUSE
- ECFXRSV

IATYEFB Information

IATYEFB Heading Information

Common Name: EFB Abend Reason Codes
Macro ID: IATYEFB
DSECT Name: None
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes:
Size: N/A
Created by: N/A
Pointed to by: N/A
Serialization: N/A
Function: This macro contains the reason codes used for EFB abends.

IATYEFB Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0		
		.... ...1		REFBC001	"X'0001" IATCNDIT - ASEXT error while attempting to extract address space parameters
		.... ..1.		REFBC002	"X'0002" IATCNDIT - MCSOPER error while attempting to activate the JES3 DLOG console
		.... ..11		REFBC003	"X'0003" IATCNDIT - CPOOL error while attempting to build the message cellpool
		.... .1..		REFBC004	"X'0004" IATCNDIT - IXZXIXAT error while attempting to attach to the JESXCF group
		.... .1.1		REFBC005	"X'0005" IATCNDIT - IXZXIXMB error while attempting to attach to default mailbox
		.... .11.		REFBC006	"X'0006" IATCNDIT - IXZXIXMD error while attempting to delete the default mailbox
		.... .111		REFBC007	"X'0007" IATCNDMS - MCSOPMSG error while attempting to get the next message
		.... 1...		REFBC008	"X'0008" IATCNDMS - Non-zero return code from IATCNDFM
		.... 1..1		REFBC009	"X'0009" IATCNDAL - Invalid function code
		.... 1.1.		REFBC010	"X'000A" IATCNDIT - Invalid function code
		.... 1.11		REFBC011	"X'000B" IATCNDTR - Invalid function code
		.... 11..		REFBC012	"X'000C" IATCNDMS - Invalid message pointer cell returned by IATCNDFM
		.... 11.1		REFBC013	"X'000D" IATCNDIT - Unable to setup task level RESMGR

IATYEFB Cross Reference

Name

REFBC001
 REFBC002
 REFBC003
 REFBC004
 REFBC005
 REFBC006
 REFBC007
 REFBC008
 REFBC009
 REFBC010

IATYEFB Cross Reference

Name

REFBC011
REFBC012
REFBC013

IATYELB Information

IATYELB Programming Interface information

Programming Interface information

IATYELB

End of Programming Interface information

Heading Information • IATYELB Map

IATYELB Heading Information

Common Name: ECF LIST CONTROL BLOCK (ELB)
Macro ID: IATYELB
DSECT Name: IATYELB
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: ELB
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: SUBPOOL 0
 Auxiliary Storage: Checkpoint dataset (header only)
Size: Variable
Created by: N/A
Pointed to by: N/A
Serialization: None
Function: CSECT/DSECT of an ECF list, required by the ECF list management routines.

IATYELB Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0		

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	ELBSTRT	
0	(0)	CHARACTER	4	ELBEID	CONTROL BLOCK ID
4	(4)	SIGNED	4	ELBREGS (5)	REGISTER SAVE AREA
24	(18)	SIGNED	2	ELBUSE	IN USE ECF COUNT
26	(1A)	SIGNED	2	ELBRPN	RELATIVE POSITION NUMBER
28	(1C)	BITSTRING	1	ELBEFLG	ELB FLAG

Comment

 DEFINITION OF ELB FLAG

End of Comment

		1...		ELBINIT	"X'80" ECF LIST INITIALIZED
		.1..		ELBUNAV	"X'40" ECF UNAVAILABLE
		..1.		ELBOFF	"X'20" AWAIT (TYPE=OFF) SPECIFIED
		...1		ELBONE	"X'10" SINGLE ENTRY CHECK
29	(1D)	BITSTRING	1	ELBXRSV	RESERVED BYTE
30	(1E)	SIGNED	2	ELBHRSV	RESERVED HALF WORD
32	(20)	SIGNED	2	ELBALOC	PREALLOCATED ECF COUNT 0245
34	(22)	SIGNED	2	ELBALOW	ALLOWED ECF COUNT 0245 THIS FIELD (FOR DYNAMIC 0262 ALLOCATION) IS CHKPOINTED 0262 IN DYNCKAL 0262

Comment

END OF CHECKPOINTED SECTION 0

 ECF LIST MUST CONTAIN (2 ELBALOC) + 1 FULLWORDS.
 " + 1 " FOR EOF.

End of Comment

36	(24)	SIGNED	4	ELBLIST (0)	BEGINNING OF ECF LIST
36	(24)	SIGNED	4	ELBEND (0)	END OF ELB
36	(24)	X'24'	0	ELBLEN	"ELBEND-ELBSTRT" LENGTH OF ELB

IATYELB Cross Reference**Name**

ELBALOC
ELBALOW
ELBEFLG
ELBEID
ELBEND

ELBHRSV
ELBINIT
ELBLEN
ELBLIST
ELBOFF

ELBONE
ELBREGS
ELBRPN
ELBSTRT
ELBUNAV

ELBUSE
ELBXRSV

IATYENDR Information

IATYENDR Heading Information

Common Name: Input Service ENDREQ Communication Area
Macro ID: IATYENDR
DSECT Name: ENDRSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Auxiliary Storage: N/A
 Subpool: 0
Size: ENDRSIZE
Created by: IATSIBS
Pointed to by: Staging area sent from IATDMDM
 Overlays ISCRAT in IATYISD, DMCSEEKC in IATDMDM, and JSAWORK in IATSIJS
Serialization: NONE
Function: This data area maps the communication area for the ENDREQ Subsystem Interface call.

IATYENDR Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	ENDRSTRT	
0	(0)	SIGNED	2	ENDRLNG	Length of area
2	(2)	CHARACTER	8	ENDRJOBI	Job id returned, in EBCDIC
10	(A)	CHARACTER	1	ENDRAPPC	APPC indicator
11	(B)	BITSTRING	1	ENDRRSVD	Reserved for IBM

Comment

 End of data area.

End of Comment

11	(B)	X'C'	0	ENDREND	*** End of IATYENDR
11	(B)	X'C'	0	ENDRSIZE	"ENDREND-ENDRSTRT" Size of IATYENDR
11	(B)	X'A'	0	ENDRDSIZ	"ENDREND-ENDRJOBI" Size of data (entire area excluding the length)

Comment

IATYENDR PREVIOUSLY GENERATED

End of Comment

IATYEQU Information

IATYEQU Programming Interface information

Programming Interface information

IATYEQU

End of Programming Interface information

Heading Information • IATYEQU Map

IATYEQU Heading Information

Common Name: JES3 STANDARD EQUATES
Macro ID: IATYEQU
DSECT Name: None
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: None
 Virtual Storage: None
 Auxiliary Storage: None
Size: N/A
Created by: N/A
Pointed to by: N/A
Serialization: N/A
Function: GENERATES A STANDARD SET OF EQUATES WHICH ARE USED THROUGHOUT JES3.

IATYEQU Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	X'0'	0	NOP	"0" NO OPERATION
0	(0)	X'F'	0	ALWAYS	"15" Unconditional branch 0084
		1111 1111		FF	"X'FF'" ALL BITS ON
0	(0)	X'F0'	0	CHARZERO	"C'0'" CHARACTER ZERO
0	(0)	X'F9'	0	CHARNINE	"C'9'" CHARACTER NINE
0	(0)	X'C1'	0	CHARA	"C'A'" CHARACTER A
0	(0)	X'C6'	0	CHARF	"C'F'" CHARACTER F
0	(0)	X'6B'	0	CHARCMMMA	"C','" CHARACTER COMMA

Comment

 AFTER COMPARE INSTRUCTIONS

End of Comment

0	(0)	X'2'	0	GT	"2" A HIGH
0	(0)	X'4'	0	LT	"4" A LOW
0	(0)	X'7'	0	NE	"7" A NOT EQUAL B
0	(0)	X'8'	0	EQ	"8" A EQUAL B
0	(0)	X'B'	0	GE	"11" A NOT LOW
0	(0)	X'D'	0	LE	"13" A NOT HIGH

Comment

 AFTER LOGICAL INSTRUCTIONS

End of Comment

0	(0)	X'1'	0	NZNBORROW	"1" Not zero, no borrow
0	(0)	X'1'	0	NZCARRY	"1" Not zero, carry
0	(0)	X'4'	0	NZBORROW	"4" Not zero, borrow
0	(0)	X'4'	0	NZNCARRY	"4" Not zero, no carry
0	(0)	X'5'	0	LNZERO	"5" Not zero
0	(0)	X'2'	0	ZNBORROW	"2" Zero, no borrow
0	(0)	X'2'	0	ZCARRY	"2" Zero, carry
0	(0)	X'8'	0	ZBORROW	"8" Zero, borrow
0	(0)	X'8'	0	ZNCARRY	"8" Zero, no carry
0	(0)	X'A'	0	LZERO	"10" Zero
0	(0)	X'C'	0	BORROW	"12" Borrow
0	(0)	X'3'	0	NOBORROW	"3" No borrow
0	(0)	X'3'	0	CARRY	"3" Carry
0	(0)	X'C'	0	NOCARRY	"12" No carry

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- AFTER ARITHMETIC INSTRUCTIONS -----					
End of Comment					
0	(0)	X'1'	0	OV	"1" OVERFLOW
0	(0)	X'2'	0	PLUS	"2" PLUS
0	(0)	X'4'	0	MINUS	"4" MINUS
0	(0)	X'7'	0	NZERO	"7" NOT ZERO
0	(0)	X'8'	0	ZERO	"8" ZERO
0	(0)	X'8'	0	ZEROS	"8" ZERO
0	(0)	X'B'	0	NMINUS	"11" NOT MINUS
0	(0)	X'E'	0	NOV	"14" NOT OVERFLOW
0	(0)	X'D'	0	NPLUS	"13" NOT PLUS
Comment					
----- AFTER TEST UNDER MASK INSTRUCTIONS -----					
End of Comment					
0	(0)	X'1'	0	ALLON	"1" ALL ON
0	(0)	X'4'	0	MIXED	"4" MIXED
0	(0)	X'5'	0	NALLOFF	"5" ALLON+MIXED
0	(0)	X'8'	0	ALLOFF	"8" ALL OFF
0	(0)	X'C'	0	NALLON	"12" ALLOFF+MIXED
Comment					
----- AFTER TEST AND SET INSTRUCTION -----					
End of Comment					
0	(0)	X'4'	0	LOCKED	"4" ONE I.E. LOCKED
0	(0)	X'8'	0	UNLOCKED	"8" ZERO I.E. UNLOCKED
Comment					
----- AFTER LOAD REAL ADDRESS INSTRUCTION. -----					
End of Comment					
0	(0)	X'8'	0	INREAL	"8" PAGE IS IN REAL STORAGE
0	(0)	X'7'	0	NOTIREAL	"7" PAGE NOT IN REAL STORAGE
0	(0)	X'4'	0	SEGTBINV	"4" SEGMENT TABLE ENTRY INVALID
0	(0)	X'2'	0	PAGTBINV	"2" PAGE TABLE ENTRY INVALID
0	(0)	X'1'	0	LENTHINV	"1" LENGTH INVALID
Comment					
----- AFTER TEST PROTECTION INSTRUCTION. -----					
End of Comment					
0	(0)	X'E'	0	NTRANSNA	"14" NOT Translation not available
0	(0)	X'D'	0	NNOACSS	"13" NOT (Fetching not permitted; Storing not permitted)
0	(0)	X'B'	0	NPAGPRTD	"11" NOT (Fetching permitted; Storing not permitted)
0	(0)	X'8'	0	ALLACC	"8" Fetching permitted; Storing permitted

IATYEQU Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	X'7'	0	NALLACC	"7" NOT (Fetching permitted; Storing permitted)
0	(0)	X'4'	0	PAGPRTD	"4" Fetching permitted; Storing not permitted
0	(0)	X'2'	0	NOACCESS	"2" Fetching not permitted; Storing not permitted
0	(0)	X'1'	0	TRANSNA	"1" Translation not available

Comment

SYMBOLS USED FOR ACCESS REGISTER MODE

End of Comment

0	(0)	X'200'	0	ARMODON	"512" TURN ACCESS REGISTER MODE ON
0	(0)	X'0'	0	ARMODOFF	"0" TURN ACCESS REGISTER MODE OFF

Comment

Data Space Related Equates

End of Comment

.... DSPCMXSZ "X'80000000" Maximum data space size (2 Gigabytes)

Comment

JES3 SYSTEM LIMITS

End of Comment

0	(0)	X'20'	0	J3MAXMP	"32" MAXIMUM NUMBER OF MAIN PROCESSORS IN A SINGLE JES3 COMPLEX
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Comment

TRACE TABLE SIZES ARE SPECIFIED IN BYTES

End of Comment

0	(0)	X'21000'	0	J3TRCSZ	"135168" SIZE OF EVENT TRACE TABLE
0	(0)	BITSTRING	0	J3NUCTRC	"X'30000" Size of Nuc path trace table
0	(0)	X'F018'	0	J3AUXTRC	"61464" SIZE OF AUX PATH TRACE TABLE
0	(0)	X'3FF'	0	J3TRCMAX	"1023" MAXIMUM SIZE OF USER DATA IN A TRACE ENTRY, IN WORDS
0	(0)	X'F423F'	0	MAXIMUM_JOB_NUMBER_ALLOWED	"999999" This is the largest job number allowed in the system.
0	(0)	X'FFFE'	0	MAXIMUM_COMPATIBLE_JOB	"65534" This is the largest job number containable in two bytes and therefore fallback-compatible with a release not supporting job numbers greater than 65534.
0	(0)	X'FFFF'	0	ACTIVE_LIMIT	"65535" This is the largest number of JES managed or WLM managed jobs that can be concurrently active on a single main.
0	(0)	X'7FFF'	0	MAXIMUM_JOBS_IN_DJC_NET	"32767" This is the maximum number of jobs that a single DJC net can contain.
0	(0)	BITSTRING	0	MAX_OSE_SEQ	"X'7FFFFFFF" Maximum OSE sequence number
0	(0)	BITSTRING	0	MAX_SRF_SEQ	"X'FFFF" Maximum value of SRFCNT after OW55574. This is also the maximum OSE sequence number before the introduction of the OSECNT4 field in HJS7740, 07369SZA or when compatibility 07369SZA with older releases is 07369SZA being enforced. 07369SZA
0	(0)	BITSTRING	0	MAX_OSE_SEQ_DYNAL	

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	BITSTRING	0	MAX_OSE_OLD_DYNAL	"X'7FFFFFF80" Maximum value of OSECNT4 for which new SYSOUT data sets may be dynamically allocated. If a dynamic allocation is attempted when a job has OSE sequence numbers greater than this value, an abend S1FB-6E is issued.
					"X'FFF0" Maximum OSE sequence number 07369SZA for new dynamic alloca- 07369SZA tions when compatibility 07369SZA with older releases is 07369SZA being enforced. 07369SZA

Comment

 The following equates are all used for decisions and actions related to job limits, but specifically are used for different purposes.

		End of Comment			
0	(0)	BITSTRING	0	MAXIMUM_JOB_NUMBER_MASK	"X'FFFF" This mask is used to clear the high order bytes from a word after placing a compatible job number into the low order bytes using an ICM with a mask of B'0011'.
0	(0)	X'FFFF'	0	SPECIAL_JOB_XFFFF	"65535" As a compatible job number, indicates that the job number lives in a four byte field.
0	(0)	X'F423F'	0	UNLIMITED_DSP_COUNT	"999999" As a DSP count this value indicates an "unlimited" count.
0	(0)	BITSTRING	0	UNLIMITED_JOB_COUNT	"X'FFFFFFFF" As a job count this value indicates an "unlimited" count such as a display count on certain commands with N=ALL.
0	(0)	X'FFFF'	0	UNLIMITED_JOB_COUNT2	"65535" Same as UNLIMITED_JOB_COUNT except that it is for fields that must remain 2 bytes.
0	(0)	X'10'	0	JOB_NUMBER_SHIFT	"16" To load a compatible job number into the low order bytes of a fullword and clear the other bytes, it is possible to ICM the job number with a mask of B'1100' and then shift it to the right using this equate. This must be done instead of clearing the target register before the ICM in cases where the target register is also a base address; e.g.: ICM R2,B'1100',xxx(R2).

Comment

 SYMBOLS USED TO SET OR CLEAR A HIGH ORDER BIT

		End of Comment			
0	(0)	.... BITSTRING	0	EQUHOBON EQUHOBOf	"X'80000000" HIGH ORDER BIT ON "X'7FFFFFFF" HIGH ORDER BIT OFF

Comment

 SYMBOLS USED FOR SECURITY

		End of Comment			
0	(0)	X'50'	0	SECTKNLN	"80" CURRENT LENGTH OF SECURITY TOKEN

IATYEQU Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	X'50'	0	TKNMAPLN	"80" CURRENT LENGTH OF THE MAPPED TOKEN RETURNED FROM TOKNMAP
0	(0)	X'F0'	0	SAFMSGSP	"240" SUBPOOL USED FOR MESSAGES 0063 RETURNED BY SAF AND USER EXITS 58 + 59
0	(0)	X'F0'	0	SAFEXTSP	"240" SUBPOOL USED FOR RETURNING EXTRACTED INFORMATION FROM THE SECURITY PRODUCT

Comment

 Subpool shared between the IATINTK and IATNUC tasks.
 Storage that needs to be obtained by one task and freed by the other task should be obtained in this subpool. Subpool zero cannot be used since subpool zero is not shared between these tasks.

End of Comment

0	(0)	X'9'	0	INTK_SHARED_SUBPOOL	"9" Shared subpool
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Comment

 Functional equates for the PLO instruction.

End of Comment

0	(0)	X'0'	0	PLO_CL	"0" Compare and Load, 32 bit
0	(0)	X'1'	0	PLO_CLG	"1" Same, 64 bit
0	(0)	X'2'	0	PLO_CLGR	"2" Same, 64 bit, some operands in registers
0	(0)	X'3'	0	PLO_CLX	"3" Same, 128 bit
0	(0)	X'4'	0	PLO_CS	"4" Compare and Swap, 32 bit
0	(0)	X'5'	0	PLO_CSG	"5" Same, 64 bit
0	(0)	X'6'	0	PLO_CSGR	"6" Same, 64 bit, some operands in registers
0	(0)	X'7'	0	PLO_CSX	"7" Same, 128 bit
0	(0)	X'8'	0	PLO_DCS	"8" Double Compare and Swap, 32 bit
0	(0)	X'9'	0	PLO_DCSG	"9" Same, 64 bit
0	(0)	X'A'	0	PLO_DCSGR	"10" Same, 64 bit, some operands in registers
0	(0)	X'B'	0	PLO_DCSX	"11" Same, 128 bit
0	(0)	X'C'	0	PLO_CSST	"12" Compare and Swap and Store, 32 bit
0	(0)	X'D'	0	PLO_CSSTG	"13" Same, 64 bit
0	(0)	X'E'	0	PLO_CSSTGR	"14" Same, 64 bit, some operands in registers
0	(0)	X'F'	0	PLO_CSSTX	"15" Same, 128 bit
0	(0)	X'10'	0	PLO_CSDST	"16" Compare and Swap and Double Store, 32 bit
0	(0)	X'11'	0	PLO_CSDSTG	"17" Same, 64 bit
0	(0)	X'12'	0	PLO_CSDSTGR	"18" Same, 64 bit, some operands in registers
0	(0)	X'13'	0	PLO_CSDSTX	"19" Same, 128 bit
0	(0)	X'14'	0	PLO_CSTST	"20" Compare and Swap and Triple Store, 32 bit
0	(0)	X'15'	0	PLO_CSTSTG	"21" Same, 64 bit
0	(0)	X'16'	0	PLO_CSTSTGR	"22" Same, 64 bit, some operands in registers
0	(0)	X'17'	0	PLO_CSTSTX	"23" Same, 128 bit

IATYEQU Cross Reference**Name**

ACTIVE_LIMIT
 ALLACC
 ALLOFF
 ALLON
 ALWAYS
 ARMODOFF
 ARMODON
 BORROW
 CARRY
 CHARA
 CHARCMMA
 CHARF
 CHARNINE
 CHARZERO
 DSPCMXSZ
 EQ
 EQUHOBOf
 EQUHOBON
 FF
 GE
 GT
 INREAL
 INTK_SHARED_SUBPOOL
 JOB_NUMBER_SHIFT
 J3AUXTRC
 J3MAXMP
 J3NUCTRC
 J3TRCMAX
 J3TRCSZ
 LE
 LENTHINV
 LNZERO
 LOCKED
 LT
 LZERO
 MAX_OSE_OLD_DYNAL
 MAX_OSE_SEQ
 MAX_OSE_SEQ_DYNAL
 MAX_SRF_SEQ
 MAXIMUM_COMPATIBLE_JOB
 MAXIMUM_JOB_NUMBER_ALLOWED
 MAXIMUM_JOB_NUMBER_MASK
 MAXIMUM_JOBS_IN_DJC_NET
 MINUS
 MIXED
 NALLACC
 NALLOFF

IATYEQU Cross Reference

Name

NALLON
NE
NMINUS
NNOACCESS
NOACCESS
NOBORROW
NOCARRY
NOP
NOTIREAL
NOV
NPAGPRTD
NPLUS
NTRANSNA
NZBORROW
NZCARRY
NZERO
NZNBOROW
NZNCARRY
OV
PAGPRTD
PAGTBINV
PLO_CL
PLO_CLG
PLO_CLGR
PLO_CLX
PLO_CS
PLO_CSDST
PLO_CSDSTG
PLO_CSDSTGR
PLO_CSDSTX
PLO_CSG
PLO_CSGR
PLO_CSST
PLO_CSSTG
PLO_CSSTGR
PLO_CSSTX
PLO_CSTST
PLO_CSTSTG
PLO_CSTSTGR
PLO_CSTSTX
PLO_CSX
PLO_DCS
PLO_DCSG
PLO_DCGR
PLO_DCSX
PLUS
SAFEXTSP
SAFMSGSP
SECTKNLN
SEGTBINV
SPECIAL_JOB_XFFFF
TKNMAPLN
TRANSNA
UNLIMITED_DSP_COUNT
UNLIMITED_JOB_COUNT
UNLIMITED_JOB_COUNT2

Name

UNLOCKED
ZBORROW
ZCARRY
ZERO
ZEROS
ZNBORROW
ZNCARRY

IATYESW Information

IATYESW Programming Interface information

Programming Interface information

IATYESW

End of Programming Interface information

Heading Information • IATYESW Map

IATYESW Heading Information

Common Name: Enhanced Status Work Area
Macro ID: IATYESW
DSECT Name: ESWSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: ESW
 Offset: 2
 Length: 4
Storage Attributes: Subpool: 0
 Key: 1
 Residency: ANY
Size: 200 Bytes
Created by: IATSIES
Pointed to by: None
Serialization: None
Function: This area maps the portion of the staging area used to communicate JES3 specific data when processing an enhanced Status request (SSI 80).

IATYESW Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	ESWSTART	DSECT start of ESW data area
0	(0)	SIGNED	2	ESWREQLN	Length of staging area request/reply area
0	(0)	X'0'	0	ESWREQST	"ESWREQLN" Request/Reply area
0	(0)	X'5E'	0	ESWSAPTR	"STADATA" Pointer in the staging area to the ESW
2	(2)	CHARACTER	4	ESWID	Work area identifier
6	(6)	ADDRESS	1	ESWVER	ESW version
6	(6)	X'1'	0	ESWIVER	"1" Initial version number
6	(6)	X'2'	0	ESWCTVER	"2" Version number supporting CTOKENs
6	(6)	X'3'	0	ESWSAPI	"3" Version supporting SAPI use of extended status
6	(6)	X'4'	0	ESWVBVER	"4" Version supporting verbose requests
6	(6)	X'5'	0	ESWTFVER	"5" Version w/transaction filtering
6	(6)	X'5'	0	ESWCVER	"ESWTFVER" Current version number
7	(7)	ADDRESS	1	ESWOVER	ESW output version
7	(7)	X'0'	0	ESWOIVER	"0" Initial version number
7	(7)	X'1'	0	ESWOVVER	"1" Version indicating global supports verbose requests
7	(7)	X'1'	0	ESWOCVER	"ESWOVVER" Current output version
8	(8)	BITSTRING	2	ESWSEQNM	SA sequence number 05150STC

Comment

 Application related information.

This information is set by IATSIES when an IEFSSREQ request is issued from an application.

 End of Comment

10	(A)	CHARACTER	8	ESWAPJBN	Application's job name
18	(12)	SIGNED	2	ESWAPJBI	Application's job number
20	(14)	SIGNED	4	ESWAPRS1	Reserved for development
24	(18)	SIGNED	4	ESWAASCB	Application ASCB address
28	(1C)	SIGNED	4	ESWAPTCB	Application TCB address
32	(20)	BITSTRING	16	ESWTCBTK	Application TCB token
48	(30)	SIGNED	4	ESWAPRS2 (2)	Reserved for development

Comment

 Request specific information.

 End of Comment

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
56	(38)	SIGNED	4	ESWSLJBI	Job number of job being selected in SSST (could be low job id range)
60	(3C)	SIGNED	4	ESWSHJBI	Job number of job being selected in SSST (high range)
64	(40)	CHARACTER	8	ESWSDST	Selection destination
72	(48)	CHARACTER	8	ESWS2DST	Selection sec destination
72	(48)	X'10'	0	ESWDSTSZ	**ESWSDST" Destination info area size

Comment

 The SSOB is found by adding the runtime value ESWLEN to the start of the ESW. Information that might appear between the ESW and the SSOB are copies of the user specified field list extensions:
 STATCLSP - extension to STATCLSL - classes
 STATJBNP - extension to STATJOBN - job names
 STATDSTP - extension to STATDEST - default dest
 STATHZP - extension to STATHAZ - job phases
 STATSDSP - extension to STATSEDES - SYSOUT dest
 STATSCLP - extension to STATSCLA - SYSOUT class

End of Comment

80	(50)	SIGNED	4	ESWLEN	Length of this ESW
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Comment

THIS LINE DELETED BY APAR OW30080

End of Comment

84	(54)	SIGNED	4	ESWLENRQ	Requested length if insufficient length was provided (flag ESWMORES on)
88	(58)	ADDRESS	4	ESWEBC	SSISERV ECB pointer
92	(5C)	SIGNED	4	ESWRSVS2	Reserved for service
96	(60)	SIGNED	4	ESWRSVU2 (2)	Reserved for user
104	(68)	BITSTRING	1	ESWFLAG1	Flag byte 1

Comment

 Definition of ESWFLAG1

End of Comment

		1... ..		ESWJIRNG	"X'80" Selection by job id range
		.1.. ..		ESWJNWLD	"X'40" Wildcard used for job name
		..1.		ESWSSDST	"X'20" Selection by userid
		...1		ESW1STSG	"X'10" First segment of a multi-segmented request
		.... 1...		ESWINTSG	"X'08" Intermediate segment of a multi-segmented request
		.... .1..		ESWLSTSG	"X'04" Last segment of a multi-segmented request
		.... ..1.		ESWMORES	"X'02" More storage is needed to accommodate all jobs and output requested
		.... ...1		ESWJIBIN	"X'01" Job ID filtering with binary versions
104	(68)	X'1C'	0	ESWMULTS	"ESW1STSG+ESWINTSG+ESWLSTSG" Multiple segments 05150STC
105	(69)	BITSTRING	1	ESWFLAG2	Flag byte 2

Comment

 Definition of ESWFLAG2

End of Comment

IATYESW Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
		1...		ESWVERBJ	"X'80" Verbose job request
		.1..		ESWVERBS	"X'40" Verbose SYSOUT request
		..1.		ESWDLIST	"X'20" Data set list request
		...1		ESWJIWLD	"X'10" Wildcard used for job ID 11714S6C
		.... 1...		ESWRDONE	"X'08" Request is done. It is ready to be JSERVED anytime. This bit is only valid for specific requests and only during specific queue conditions. Normal processing would JSERV the response rather than set this bit. This bit is only checked and or set on the global.
		.... .1..		ESWFL204	"X'04" Reserved for IBM
		.... ..1.		ESWFL202	"X'02" Reserved for IBM
		.... ...1		ESWFL201	"X'01" Reserved for IBM
105	(69)	X'E0'	0	ESWVERBO	"ESWVERBJ+ESWVERBS+ESWDLIST" Any verbose request or data set list request
106	(6A)	BITSTRING	2	ESWRSVD5	Reserved for IBM
108	(6C)	BITSTRING	4	ESWRSVD6	Reserved for development
112	(70)	BITSTRING	1	ESWSSOB_V1 (0)	Start of the SSOB sent in a staging area from a local with a version 1 ESW
112	(70)	BITSTRING	80	ESWCTOKN	CTOKEN for requested dataset
192	(C0)	BITSTRING	8	ESWRSVD7	Reserved for IBM
200	(C8)	SIGNED	2	ESWLSTOF	Offset to end of variable segments
202	(CA)	SIGNED	2	ESWLSTLN	List storage size, reduces 1st segment payload
204	(CC)	BITSTRING	1	ESW1CHR	Wild card representing one character
205	(CD)	BITSTRING	1	ESWZOMO	Wild card representing zero or more characters
206	(CE)	SIGNED	2	ESWJILCT	Count of job ID list 15784T8A entries in the segment 15784T8A
208	(D0)	SIGNED	4	ESWRSVD4 (2)	Reserved for IBM 15784T8C 3
Comment					

End of ESW section of staging area.					

End of Comment					
216	(D8)	SIGNED	4	ESWEND (0)	End of ESW data area
216	(D8)	BITSTRING	1	ESWSSIZE (0)	Size of ESW area
216	(D8)	X'D8'	0	ESWEQSIZ	**-"ESWSTART" Length of ESW area
216	(D8)	BITSTRING	1	ESWSSOB (0)	Start of the SSOB sent in staging area
Comment					

15784T8C					
Define sizes needed for combinations of sections 15784T8C used for Extended Status. 15784T8C					

15784T8A					
End of Comment					
216	(D8)	X'58'	0	SEC_SIZE	"(STSETOKN-STATJQSE)+SECTKNLN" Size of a security15784T8A section and token (job) 15784T8A
216	(D8)	X'58'	0	O_SEC_SIZE	"(STSOTOKN-STATSESO)+SECTKNLN" Size of a 15784T8A security section and token 15784T8A (output) 15784T8A
216	(D8)	X'91'	0	ACT_VAR_SIZE	"(STACJNR-STACNTRY)+L'JMRXACDT" Size of a 15784T8A variable accounting entry 15784T8A
216	(D8)	X'99'	0	ACT_SIZE	"STACFLEN+ACT_VAR_SIZE" Size of fixed and variable 15784T8A accounting sections 15784T8A
216	(D8)	X'1CD'	0	VRB_HDR_SIZE	"STJVSIZE+STVBSIZE+SEC_SIZE+ACT_SIZE" 15784T8A Calculated size for verbose15784T8A header, entry, accounting, 15784T8A and security for STJVLEN 15784T8A
216	(D8)	X'1E5'	0	VRB_SIZE	"STVESIZE+VRB_HDR_SIZE" Size needed for above 15784T8A verbose data plus prolog 15784T8A
216	(D8)	X'130'	0	TRS_SIZE	"STJQSIZE+STTRSIZ+STHDSIZE" Size needed for 15784T8A basic terse sections 15784T8A

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
216	(D8)	X'25C'	0	NMAIN_T_SIZE	"TRS_SIZE+STJ3SIZE" Size needed for a terse 15784T8A JES3 entry for a job not on 15784T8A main 15784T8A
216	(D8)	X'29A'	0	MAIN_T_SIZE	"NMAIN_T_SIZE+STSCSIZE" Size needed for a terse 15784T8A JES3 entry for a job on 15784T8A main (includes scheduling 15784T8A section) 15784T8A
216	(D8)	X'181'	0	OUT_T_SIZE	"STSESIZE+STSHSIZE+STSTSIZE+STS3SIZE+STSASIZE" 15784T8A Size needed for a terse 15784T8A SYSOUT entry 15784T8A
216	(D8)	X'1A5'	0	OUT_V_HDR_SIZE	"STSVSIZE+STVSSIZE+(STSOTOKN-STATSESO)+SECTKNLN+" 15784T8A
0	(0)	X'1DD'	0	OUT_V_SIZE	"STVOSIZE+OUT_V_HDR_SIZE" Size needed for above 15784T8A verbose data plus prolog 15784T8A
0	(0)	X'205'	0	OUT_V_SIZE_MAX	"OUT_V_SIZE+STOTSIZE" Size needed for verbose 15784T8A data plus prolog plus 15784T8A optional APPC section 15784T8A

IATYESW Cross Reference

Name

ACT_SIZE
 ACT_VAR_SIZE
 ESWAASCB
 ESWAPJBI
 ESWAPJBN
 ESWAPRS1
 ESWAPRS2
 ESWAPTCB
 ESWCTOKN
 ESWCTVER
 ESWCVER
 ESWDLIST
 ESWDSTSZ
 ESWECEB
 ESWEND
 ESWEQSIZ
 ESWFLAG1
 ESWFLAG2
 ESWFL201
 ESWFL202
 ESWFL204
 ESWID
 ESWINTSG
 ESWIVER
 ESWJIBIN
 ESWJILCT
 ESWJIRNG
 ESWJIWLD
 ESWJNWLD
 ESWLEN
 ESWLENRQ
 ESWLSTLN
 ESWLSTOF
 ESWLSTSG
 ESWMORES
 ESWMULTS
 ESWOCVER
 ESWOIVER
 ESWOVER
 ESWOVVER

IATYESW Cross Reference

Name

ESWRDONE
ESWREQLN
ESWREQST
ESWRSVD4
ESWRSVD5

ESWRSVD6
ESWRSVD7
ESWRSVS2
ESWRSVU2
ESWSAPI

ESWSAPTR
ESWSDST
ESWSEQNM
ESWSHJBI
ESWSIZE

ESWSLJBI
ESWSSDST
ESWSSOB
ESWSSOB_V1
ESWSTART

ESWS2DST
ESWTCBTK
ESWTFVER
ESWVBVER
ESWVER

ESWVERBJ
ESWVERBO
ESWVERBS
ESWZOMO
ESW1CHR

ESW1STSG
MAIN_T_SIZE
NMAIN_T_SIZE
O_SEC_SIZE
OUT_T_SIZE
OUT_V_HDR_SIZE

OUT_V_SIZE
OUT_V_SIZE_MAX

SEC_SIZE
TRS_SIZE
VRB_HDR_SIZE
VRB_SIZE

IATYEUR Information

IATYEUR Programming Interface information

Programming Interface information

IATYEUR

End of Programming Interface information

Heading Information • IATYEUR Map

IATYEUR Heading Information

Common Name: Extent Utilization Retrieve parameter list.
Macro ID: IATYEUR
DSECT Name: EURSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: EUR
 Offset: EURID
 Length: L'EURID
Storage Attributes: Subpool: 0 (JESPOOL)
 Key: 1 (JESKEY)
 Residency: ANY
Size: EURSIZE
Created by: IATIQPG
Pointed to by: N/A
Serialization: None
Function: Describes the Extent Utilization Retrieve parameter list.

IATYEUR Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	EURSTART	
0	(0)	CHARACTER	4	EURID	Data area identifier
Comment					

End of Comment					
4	(4)	BITSTRING	1	EUREXOPT	Extent options specified
		1... ..		EUREXALL	"X'80" - EXT=ALL
		.1... ..		EUREXDRN	"X'40" - EXT=DRAINED
		..1... ..		EUREXUNV	"X'20" - EXT=UNAVAIL
		...1... ..		EUREXHLD	"X'10" - EXT=HELD
		.... 1...		EUREXLST	"X'08" - EXT=LIST
		1111 1...		EUREXVLD	"X'F8" Valid extent options
Comment					

End of Comment					
5	(5)	BITSTRING	1	EURFLAGS	Internal processing flags
		1... ..		EURFEXTL	"X'80" - EXTLIST= specified
		.1... ..		EURFSPBL	"X'40" - SPBLIST= specified
Comment					

End of Comment					
6	(6)	BITSTRING	1	EURRSVD (2)	Reserved for IBM
8	(8)	ADDRESS	8	EUREUECH	64-bit address of the chain of EUEs from which the track group counts are to be retrieved.
16	(10)	SIGNED	4	EURGRPCT	Logical track group count
20	(14)	ADDRESS	4	EURLIST	EXTLIST/SPBLIST table address
20	(14)	X'18'	0	EUREND	***
20	(14)	X'18'	0	EURSIZE	"EUREND-EURSTART"

IATYEUR Cross Reference

Name

EUREND
EUREUECH
EUREXALL
EUREXDRN
EUREXHLD

EUREXLST
EUREXOPT
EUREXUNV
EUREXVLD
EURFEXTL

EURFLAGS
EURFSPBL
EURGRPCT
EURID
EURLIST

EURRSVD
EURSIZE
EURSTART

IATYEXF Information

IATYEXF Heading Information

Common Name: Exception Analysis Format Stack Entry
Macro ID: IATYEXF
DSECT Name: EXFSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: YEXF
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 0
Size: EXFSIZE bytes
Created by: IATABEA
Pointed to by: R8 in IATABEA
Serialization: NONE
Function: This macro maps the stack entry used by Exception Analysis module, IATABEA. The stack entry keeps track of format-related information to allow for nesting of control blocks.

IATYEXF Map

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)		Description
0	(0)	STRUCTURE	0	EXFSTART		
0	(0)	CHARACTER	4	EXFID		Control block id
4	(4)	ADDRESS	4	EXFPREV		Previous entry on the stack
8	(8)	ADDRESS	4	EXFNEXT		Next entry on the stack
Comment						
Information used during control block formatting.						
End of Comment						
12	(C)	SIGNED	4	EXFMTPM (0)		Format parameter registers
12	(C)	SIGNED	4	EXFMTR0		R0 on entry to Format rtn.
16	(10)	SIGNED	4	EXFEFMAD		R1 on entry to Format rtn (pointer to format parameter data - EFMSTART)
20	(14)	ADDRESS	4	EXFFMTBF		Buffer address used by format service for retrieving control blocks while running under IPCS
20	(14)	X'1000'	0	EXFFSIZE		"4096" EXFFMTBF storage size
24	(18)	SIGNED	4	EXFSVCHK (11)		EXDDFCHK routine save area
Comment						
----- Start of area cleared when the exit is called. -----						
End of Comment						
68	(44)	BITSTRING	1	EXFCLEAR (0)		Start of area to clear when initializing
68	(44)	ADDRESS	4	EXFTHIS		Current control block pointer (THIS)
72	(48)	ADDRESS	4	EXFLCLAD		Local address of data
76	(4C)	CHARACTER	8	EXFDSPNM		Data space name
84	(54)	SIGNED	4	EXFCOUNT		Number of entries to be processed
88	(58)	SIGNED	4	EXFCRCNT		Current entry number being processed
92	(5C)	ADDRESS	4	EXFARRAD		Current array entry address when an array which contains a pointer to another control block is processed

IATYEXF Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
Output Related Information					

Format Definition Address for this level - the one that caused the stack to be pushed down					

End of Comment					
96	(60)	ADDRESS	4	EXFEDADR	EDASTART address
Comment					

Title line information.					

End of Comment					
100	(64)	ADDRESS	4	EXFTTLAD	Title line address
104	(68)	SIGNED	2	EXFTLLN	Title line length
Comment					
Flags					

Definition of EXFCBATT.					

End of Comment					
106	(6A)	BITSTRING	1	EXFCBATT	Control block attributes
		1... ..		EXFAARRAY	"X'80" This is an array
		.1... ..		EXFATABL	"X'40" This is a table
		..1... ..		EXFACNT	"X'20" A count is associated with this control block
		...1... ..		EXFACPLX	"X'10" This is a complex array
Comment					

Definition of EXFFLAG1.					

End of Comment					
107	(6B)	BITSTRING	1	EXFFLAG1	Flag one
		1... ..		EXFTITLE	"X'80" Title line was formatted
		.1... ..		EXFHEADR	"X'40" Header line was formatted
		..1... ..		EXFFMTCT	"X'20" This is a continuation of a previous format request
Comment					
End of work area.					

End of Comment					
112	(70)	DBL WORD	8	EXFEND (0)	End of work area
112	(70)	X'2C'	0	EXFCLEN	"EXFEND-EXFCLEAR" Size of area to clear for initialization
112	(70)	X'70'	0	EXFSIZE	"EXFEND-EXFSTART" Size of work area

IATYEXF Cross Reference**Name**

EXFAARRAY
EXFACNT
EXFACPLX
EXFARRAD
EXFATABL

EXFCBATT
EXFCLEAR
EXFCLEN
EXFCOUNT
EXFCRCNT

EXFDSPNM
EXFEDADR
EXFEFMAD
EXFEND
EXFFLAG1

EXFFMTBF
EXFFMTCT
EXFFSIZE
EXFHADR
EXFID

EXFLCLAD
EXFMTPM
EXFMTR0
EXFNEXT
EXFPREV

EXFSIZE
EXFSTART
EXFSVCHK
EXFTHIS
EXFTITLE

EXFTTLAD
EXFTLLN

IATYEXW Information

IATYEXW Heading Information

Common Name: Exception Analysis Work Area
Macro ID: IATYEXW
DSECT Name: EXWSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: EXWORK
 Offset: 72
 Length: 8
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 0
Size: EXWSIZE bytes
Created by: IATABEA
Pointed to by: R9 in IATABEA
Serialization: NONE
Function: This macro maps the work area used by the JES3 Exception Analysis module, IATABEA.

IATYEXW Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	EXFSTART	
0	(0)	CHARACTER	4	EXFID	Control block id
4	(4)	ADDRESS	4	EXFPREV	Previous entry on the stack
8	(8)	ADDRESS	4	EXFNEXT	Next entry on the stack
Comment					
Information used during control block formatting.					
End of Comment					
12	(C)	SIGNED	4	EXFMTPM (0)	Format parameter registers
12	(C)	SIGNED	4	EXFMTR0	R0 on entry to Format rtn.
16	(10)	SIGNED	4	EXFEFMAD	R1 on entry to Format rtn (pointer to format parameter data - EFMSTART)
20	(14)	ADDRESS	4	EXFFMTBF	Buffer address used by format service for retrieving control blocks while running under IPCS
20	(14)	X'1000'	0	EXFFSIZE	"4096" EXFFMTBF storage size
24	(18)	SIGNED	4	EXFSVCHK (11)	EXDDFCHK routine save area
Comment					
----- Start of area cleared when the exit is called. -----					
End of Comment					
68	(44)	BITSTRING	1	EXFCLEAR (0)	Start of area to clear when initializing
68	(44)	ADDRESS	4	EXFTHIS	Current control block pointer (THIS)
72	(48)	ADDRESS	4	EXFLCLAD	Local address of data
76	(4C)	CHARACTER	8	EXFDSPNM	Data space name
84	(54)	SIGNED	4	EXFCOUNT	Number of entries to be processed
88	(58)	SIGNED	4	EXFCRCNT	Current entry number being processed
92	(5C)	ADDRESS	4	EXFARRAD	Current array entry address when an array which contains a pointer to another control block is processed

IATYEXW Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
Comment					
Output Related Information					

Format Definition Address for this level - the one that caused the stack to be pushed down					

End of Comment					
96	(60)	ADDRESS	4	EXFEDADR	EDASTART address
Comment					

Title line information.					

End of Comment					
100	(64)	ADDRESS	4	EXFTTLAD	Title line address
104	(68)	SIGNED	2	EXFTLLN	Title line length
Comment					
Flags					

Definition of EXFCBATT.					

End of Comment					
106	(6A)	BITSTRING	1	EXFCBATT	Control block attributes
		1... ..		EXFAARRAY	"X'80" This is an array
		.1... ..		EXFATABL	"X'40" This is a table
		..1... ..		EXFACNT	"X'20" A count is associated with this control block
		...1... ..		EXFACPLX	"X'10" This is a complex array
Comment					

Definition of EXFFLAG1.					

End of Comment					
107	(6B)	BITSTRING	1	EXFFLAG1	Flag one
		1... ..		EXFTITLE	"X'80" Title line was formatted
		.1... ..		EXFHEADR	"X'40" Header line was formatted
		..1... ..		EXFFMTCT	"X'20" This is a continuation of a previous format request
Comment					
End of work area.					

End of Comment					
112	(70)	DBL WORD	8	EXFEND (0)	End of work area
112	(70)	X'2C'	0	EXFCLEN	"EXFEND-EXFCLEAR" Size of area to clear for initialization
112	(70)	X'70'	0	EXFSIZE	"EXFEND-EXFSTART" Size of work area
Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	EXWSTART	
0	(0)	SIGNED	4	EXSAVE (18)	Standard MVS save area
72	(48)	CHARACTER	8	EXWID	Control block id

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
80	(50)	BITSTRING	8	EXWTIME	Data time stamp - when module entered or when dump taken
88	(58)	DBL WORD	8	EXWDWORK	Conversion work area
Comment					
Control block and routine addresses.					
End of Comment					
96	(60)	ADDRESS	4	EXWTVT	TVT address
100	(64)	ADDRESS	4	EXWSSVT	SSVT address
104	(68)	ADDRESS	4	EXWASCB	ASCB address
108	(6C)	ADDRESS	4	EXWFNDAD	Find routine address
112	(70)	ADDRESS	4	EXWFMAD	Format routine address
116	(74)	ADDRESS	4	EXWWRTAD	Write routine address
Comment					
Environment specific information.					
End of Comment					
120	(78)	ADDRESS	4	EXWEWTAD	Environment specific write routine address
124	(7C)	ADDRESS	4	EXWEDATA	Environment specific data area address number 1
128	(80)	ADDRESS	4	EXWEDAT2	Environment specific data area address number 2
Comment					
Output Related Information					

Output line work area.					

End of Comment					
132	(84)	BITSTRING	135	EXWOUTWK (0)	Output line work area
132	(84)	BITSTRING	2	EXWOUTLN	Output line length
134	(86)	CHARACTER	1	EXWOUTCC	Carriage control
135	(87)	CHARACTER	132	EXWOUTTX	Output line text
Comment					
Save Areas					

Save area used to save registers prior to calling an exit routine.					

End of Comment					
268	(10C)	SIGNED	4	EXWEXTSV (11)	Save area used before calling exit routine
Comment					

Save area stack. Registers 0 through 14 are saved in the save area stack. In addition, each save area also contains a retry address and parameter in the save area stack that is 8 levels deep.					

End of Comment					
312	(138)	ADDRESS	4	EXWSVNXT	Pointer to the next save area to use
316	(13C)	SIGNED	4	EXWSVSTK (0)	Save area stack
316	(13C)	X'44'	0	EXWSVSIZ	"17*4" Size of one save area
316	(13C)	X'38'	0	EXWSVR14	"R14*4,4" R14 offset in save area
372	(174)	BITSTRING	8	EXWSVRTY (0)	Start of retry information
372	(174)	ADDRESS	4	EXWSVRAD	Retry address or zero

IATYEXW Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
376	(178)	SIGNED	4	EXWSVRPM	Retry parm or zero
860	(35C)	SIGNED	4	EXWSVWRK	Work area for save area stacking code

Comment

Storage Access Parameter List for IPCS.
BLSABDPL DSECT=NO, Don't map as DSECT X

End of Comment

0	(0)	X'80'	0	BIT0	"128"
0	(0)	X'40'	0	BIT1	"64"
0	(0)	X'20'	0	BIT2	"32"
0	(0)	X'10'	0	BIT3	"16"
0	(0)	X'8'	0	BIT4	"8"
0	(0)	X'4'	0	BIT5	"4"
0	(0)	X'2'	0	BIT6	"2"
0	(0)	X'1'	0	BIT7	"1"

Comment

=====
Storage access parameter list
=====

End of Comment

864	(360)	DBL WORD	8	ADPLPACC (0)	Storage access parameter list
864	(360)	ADDRESS	4	ADPLPAAD	Dump address to access
868	(364)	ADDRESS	4	ADPLPART	Buffer location of data
872	(368)	BITSTRING	56		reserved
872	(368)	X'40'	0	ADPLLACC	**ADPLPACC" Length of ADPLPACC

Comment

Recovery Information.

End of Comment

928	(3A0)	ADDRESS	4	EXWMODPT	Address of module entry for exception analysis module being called
-----	-------	---------	---	----------	--

Comment

Definition of EXWTRAC1.

End of Comment

932	(3A4)	BITSTRING	1	EXWTRAC1	Trace flag one
		1... ..		EXWINTCM	"X'80" Initialization completed
		.1.. ..		EXWMODCL	"X'40" Exception analysis module is being called
		..1.		EXWRRENT	"X'20" Recovery routine entered
		...1		EXWTERMP	"X'10" Termination processing is being performed

Comment

Flags

Definition of EXWENVIR.

End of Comment

933	(3A5)	BITSTRING	1	EXWENVIR	Environment flag
933	(3A5)	X'4'	0	EXWDC	"4" IATABEA was called from dump core
933	(3A5)	X'8'	0	EXWGRMNC	"8" IATABEA was called from IATGRMNC
933	(3A5)	X'C'	0	EXWIPCS	"12" IATABEA was called from IPCS

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
Format Data.					
End of Comment					
936	(3A8)	ADDRESS	4	EXWFMTBF	Buffer stack address used by format service for retrieving control blocks when running under IPCS
Comment					
Format Stack Entries.					
End of Comment					
936	(3A8)	X'5'	0	EXWNUMXF	"5" Number of entries
940	(3AC)	ADDRESS	4	EXWEXFST	First YEXF
944	(3B0)	ADDRESS	4	EXWEXCUR	Current YEXF
948	(3B4)	ADDRESS	4	EXWEXLST	
952	(3B8)	SIGNED	4	EXWADEND (0)	End of work area addressability
952	(3B8)	BITSTRING	0	EXWEXF (0)	Format stack entries
Comment					
End of work area.					
End of Comment					
1512	(5E8)	DBL WORD	8	EXWEND (0)	End of work area
1512	(5E8)	X'5E8'	0	EXWSIZE	"EXWEND-EXWSTART" Size of work area

IATYEXW Cross Reference

Name

- ADPLLACC
- ADPLPAAD
- ADPLPACC
- ADPLPART
- BIT0
- BIT1
- BIT2
- BIT3
- BIT4
- BIT5
- BIT6
- BIT7
- EXFAARRAY
- EXFACNT
- EXFACPLX
- EXFARRAD
- EXFATABL
- EXFCBATT
- EXFCLEAR
- EXFCLEN
- EXFCOUNT
- EXFCRCNT
- EXFDSPNM
- EXFEDADR
- EXFEFMAD
- EXFEND
- EXFFLAG1
- EXFFMTBF
- EXFFMTCT
- EXFFSIZE

IATYEXW Cross Reference

Name

EXFHEDR
EXFID
EXFLCLAD
EXFMTPM
EXFMTR0

EXFNEXT
EXFPREV
EXFSIZE
EXFSTART
EXFSVCHK

EXFTHIS
EXFTITLE
EXFTTLAD
EXFTLLN
EXSAVE

EXWADEND
EXWASCB
EXWDC
EXWDWORK
EXWEDATA

EXWEDAT2
EXWEND
EXWENVIR
EXWEWTAD
EXWEXCUR

EXWEXF
EXWEXFST
EXWEXLST
EXWEXTSV
EXWFMTAD

EXWFMTBF
EXWFNDAD
EXWGRMNC
EXWID
EXWINTCM

EXWIPCS
EXWMODCL
EXWMODPT
EXWNUMXF
EXWOUTCC

EXWOUTLN
EXWOUTTX
EXWOUTWK
EXWRRENT
EXWSIZE

EXWSSVT
EXWSTART
EXWSVNXT
EXWSVRAD
EXWSVRPM

EXWSVRTY
EXWSVR14
EXWSVSIZ
EXWSVSTK
EXWSVWRK

EXWTERMP
EXWTIME
EXWTRAC1
EXWTVT
EXWWRTAD

IATYFCT Information

IATYFCT Programming Interface information

Programming Interface information

IATYFCT

The following fields are **NOT** programming interface information:

- FCTATFPF
- FCTCSSAD
- FCTFSWA
- FCTTNEXT
- FCTCBPTR
- FCTFSLOC
- FCTTIMEX

End of Programming Interface information

Heading Information • IATYFCT Map

IATYFCT Heading Information

Common Name: FUNCTION CONTROL TABLE
Macro ID: IATYFCT
DSECT Name: FCTSTART, GLSTART, FSESTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: FCT (FCTSTART), FSE (FSESTART)
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: JES3 NUCLEUS (MODULE IATGRPT), FSS NUCLEUS (MODULE IATGRPTF), JESPOOL
 Auxiliary Storage: N/A
Size: FCTSTART - FCTSIZE
 GLSTART - GLSIZE
 FSESTART - FSESIZE
Created by: IATGRG1
 IATGRPT
 IATGRPTF
 IATINRB
Pointed to by: FCTSTART: REGISTER 11
 IATYTVT FIELD FCTTOP
 IATYFCT FIELD FCTNEXT
 IATYFCT FIELD FCTPREV
 IATYJAD FIELD JADFCTAD (FOR IATDMJA)
 IATYRSQ FIELD RQFCTAD
 IATYIDD FIELD IDDFCT
 IATYSQD FIELD SQDFCTAD
 GLSTART: IATYFCT FIELD FCTGLIST
 FSESTART: IATYFCT FIELD FCTFSEA
Serialization: AENQ
Function: REPRESENTS A DISPATCHABLE UNIT OF WORK
 IN THE JES3 ADDRESS SPACE, OR AN FSS
 WHICH SUPPORTS JES3 NUCLEUS SERVICES

IATYFCT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	FCTSTART	
0	(0)	CHARACTER	4	FCTID	IDENTIFIER FOR FCT
4	(4)	BITSTRING	4	FCTAWLM	GET ECF ADDR, NEXT FCT ADDR
8	(8)	BITSTRING	4	FCTAWTM	AWAIT TEST UNDER MASK
12	(C)	BITSTRING	4	FCTAWBC	AWAIT BRANCH ON CONDITION
16	(10)	BITSTRING	2	FCTAWBU	FCT DISPATCH BRANCH
18	(12)	BITSTRING	1	FCTFSFL2	DSP FAILSOFT FLAGS

Comment

 DEFINITION OF FCTFSFL2

End of Comment

		1... ..		FCTFSRSN	"X'80" FAILDSP REASON CODE SUPPLIED
		.1.. ..		FCTFSPFL	"X'40" - PENDING FAILDSP FOR THIS FCT
		..1.		FCTFSATA	"X'20" - DSP IS ABENDING UNDER AUXTASK
		...1		FCTFSMPC	"X'10" - MPC address supplied
		.... 1...		FCTFSASI	"X'08" - ASID supplied
19	(13)	BITSTRING	1	FCTAWDLN	AWAIT data length
20	(14)	SIGNED	4	FCTMSKTR (0)	MASK TRACE
20	(14)	BITSTRING	1		Must be zero
21	(15)	BITSTRING	2	FCTAWRSN	AWAIT reason code or zero
23	(17)	BITSTRING	1	FCTMASK	ECF MASK
24	(18)	ADDRESS	4	FCTECFAD	ECF ADDRESS
28	(1C)	ADDRESS	4	FCTNEXT	NEXT FCT ON FCT CHAIN
32	(20)	ADDRESS	4	FCTPREV	PREVIOUS FCT ON FCT CHAIN

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

THE NEXT 6 FIELDS MUST NOT BE ALTERED IN SEQUENCE (FCTTNEXT,FCTTUID,FCTTIMEI,FCTTIMEX,FCTTFLAG,FCTTQERS) THEY ARE MAPPED BY THE TQE DSECT IN MODULE IATGRM					

End of Comment					
36	(24)	ADDRESS	4	FCTTNEXT	- ATIME QUEUE CHAIN FIELD
40	(28)	CHARACTER	4	FCTTUID	- ATIME QUEUE ELEMENT ID FIELD
44	(2C)	SIGNED	4	FCTTIMEI	ATIME QUEUE ELEMENT INTERVAL
48	(30)	ADDRESS	4	FCTTIMEX	ATIME QUEUE ELEMENT ENTER ADDR
52	(34)	BITSTRING	1	FCTTFLAG	ATIME QUEUE ELEMENT FLAG BYTE
53	(35)	BITSTRING	1	FCTTQERS (3)	RESERVED
Comment					

DEFINITION OF FCTTFLAG					

End of Comment					
		1... ..		FCTQAVAL	"X'80" - TIMER ENTRY AVAILABLE(INACTIVE)
		.1.. ..		FCTQDONE	"X'40" - TIMER INTERVAL COMPLETE(EXPIRED)
		..1. ...		FCTQUSER	"X'20" - TMR ENTRY AREA PROVIDED BY USER
		...1 ...		FCTQHEAD	"X'10" - TIMER ENTRY IS WITHIN THE FCT
		.... 1..		FCTQIDOP	"X'08" - ID IS IN TIMER ENTRY
		.... .1..		FCTQWAIT	"X'04" - BUSY OMITTED, WAIT OPTION
		.... ..1.		FCTQFCTO	"X'02" - FCT OPTION
56	(38)	ADDRESS	4	FCTTELPT	TELS FOR THIS FCT
60	(3C)	SIGNED	4	FCTRESON	FAILDSP FAILURE REASON CODE
Comment					
FCTGPARM IS USED TO PASS A PARAMETER TO A JES3 SERVICE ROUTINE. THE CONTENTS OF FCTGPARM SHOULD BE REMOVED ON ENTRY TO THE SERVICE ROUTINE, SINCE THE FIELD MAY BE DESTROYED ANYTIME CONTROL IS GIVEN UP BY THE SERVICE.					
End of Comment					
64	(40)	SIGNED	4	FCTGPARM	GENERAL FIELD FOR PASSING A PARAMETER TO A JES3 SERVICE
68	(44)	SIGNED	4	FCTRSVSF	RESERVED FOR SERVICE
72	(48)	SIGNED	2	FCTFREND (0)	END OF FCT FROZEN SECTION
Comment					
WARNING					
THE OFFSETS FOR THE FIELDS DEFINED BETWEEN FCTSTART AND FCTFREND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON SOME JES3 MODULES.					
End of Comment					
72	(48)	BITSTRING	1	FCTDFLG1	DSP FLAG BYTE

IATYFCT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				

DEFINITION OF FCTDFLG1					
NOTE: FCTDFLG1 IS USED BY DSPTS WHILE EXECUTING UNDER AN FCT TO NOTE STATUS.					

End of Comment					
		1...		FCTWTRSC	"X'80" WTR SCHEDULING ACTIVE
		.1.		FCTNJE1	"X'40" NJE ROUTE CARD INDICATOR
		..1.		FCTCAHFC	"X'20" CONSOLE APPENDAGE HANDLES *FAIL COMMANDS
		...1		FCTFLACT	"X'10" *FAIL COMMAND PROCESSING ACTIVE
		.... 1..		FCTACJDS	"X'08" FCT IS ACCESING THE JCT DATA SPACE. USED BY JES3 ABEND ROUTINES TO DETERMINE WHETHER OR NOT TO DUMP THE JCT DATA SPACE
73	(49)	BITSTRING	1	FCTDMFLG	SPOOL D.M. FLAG BYTE
		1...		FCTNOWT	"X'80" NO WAIT REQUEST
		.1.		FCTPARM	"X'40" ID = SPECIFIED ON CALL
		..1.		FCTWRMOD	"X'20" OPTION=MODONLY REQUESTED ON WRTCHAIN MACRO
		...1		FCTSPYES	"X'10" SPAN=YES SPECIFIED ON THE ADEBLOCK MACRO
		.... 1..		FCTDEFWR	"X'08" TYPE=DEFER SPECIFIED ON THE JDSPUT MACRO
		.... .1..		FCTMODJD	"X'04" INDICATE JDS BUFFER SHOULD BE WRITTEN AT JDSREL TIME
		.... ..1.		FCTNOPUT	"X'02" WRITE PUTBUF=NO
		.... ...1		FCTJMSJE	"X'01" JESMSG JESTAE IN EFFECT
74	(4A)	BITSTRING	1	FCTDMFL2	Spool D.M. flag byte 2 16893TBC

Comment					

16893TBA					
Definition of FCTDMFL2 16893TBA					

16893TBA					

End of Comment					
		1...		FCTSTTEX	"X'80" This FCT owns STT reconfig. 16893TBA
75	(4B)	BITSTRING	1	FCTRSVD6	Reserved for IBM 16893TBA
76	(4C)	SIGNED	4	FCTREGS (0)	- REGISTERS 0-15 OVER AWAIT
76	(4C)	SIGNED	4	FCTREG0	REG 0 : ON AWAIT = ECF ADDR
80	(50)	SIGNED	4	FCTREG1	REG 1 : ON AWAIT CONTAINS --
80	(50)	X'50'	0	FCTFUNCD	"FCTREG1,1" --AWAIT FUNCTION CODE --AWAIT REASON CODE OR ZERO (2 bytes)
80	(50)	X'53'	0	FCTECFMK	"FCTREG1+3,1" --ECF MASK
84	(54)	SIGNED	4	(8)	REGISTERS 2-9
116	(74)	SIGNED	4	FCTBASE	- REGISTER 10
120	(78)	SIGNED	4	FCTSELF	- ADDRESS OF THIS FCT (R11)
124	(7C)	SIGNED	4	FCTTVPTR	- ADDRESS OF TVTABLE (R12)
128	(80)	SIGNED	4	FCTSAVE	- REGISTER 13
132	(84)	SIGNED	4	FCTRETN	- REGISTER 14
136	(88)	SIGNED	4	FCTREG15	REG 15 : ON AWAIT = AWAIT ADDR
140	(8C)	SIGNED	4	FCTSAVCH	- ACTIVE SAVE AREA CHAIN
144	(90)	SIGNED	4	FCTJSR0	REG 0 SAVE AREA FOR JESTAE
148	(94)	SIGNED	4	FCTJSR1	REG 1 SAVE AREA FOR JESTAE
152	(98)	SIGNED	4	FCTJSR10	REG 10 SAVE AREA FOR JESTAE
156	(9C)	SIGNED	4	FCTJSR14	REG 14 SAVE AREA FOR JESTAE 1

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

Top halves of 64-bit registers.					

End of Comment					
160	(A0)	SIGNED	4	FCTREGSH (16)	Top halves of R0-R15
Comment					

Access Registers.					

End of Comment					
224	(E0)	SIGNED	4	FCTREGSA (16)	Access registers AR0-AR15
288	(120)	SIGNED	4	FCTAMOD	Save area for AMODE
292	(124)	ADDRESS	4	FCTRQAD	Address of the RQ 1
296	(128)	SIGNED	4	FCTDSPDC	- ADDRESS OF DSP DICTIONARY ENTRY
300	(12C)	SIGNED	4	FCTCSECT	- ADDRESS OF CSECT JDE FOR REENT MODS
304	(130)	SIGNED	4	FCTCDE	ADDRESS OF DRVR CSECT JDE
308	(134)	SIGNED	4	FCTTIMON	- FCT login time as HHMMSSts 18078TAC (signed-packed-decimal) 18078TAA
312	(138)	SIGNED	4	FCTLOGIN	- CONSOLE MSG ENTRY FROM LOGIN
316	(13C)	BITSTRING	12	FCTSPWRK	SPOOL DATA MGT. WORK AREA
328	(148)	BITSTRING	12	FCTSPWK2	SPOOL DATA MGT. WORK AREA
340	(154)	BITSTRING	6	FCTSPADR	TEMP. SP ADDR SAVE AREA
346	(15A)	SIGNED	2	FCTQDCOM	NUMBER OF COMMANDS QUEUED TO FCT (FROM FCTCBPTR)
348	(15C)	BITSTRING	1	FCTSESEQ	SE SEQUENCE NO. THIS FUNCTION
349	(15D)	BITSTRING	1	FCTJCTPY	THIS JOB'S JCT PRIORITY
350	(15E)	BITSTRING	1	FCTPRTY	FUNCTION PRIORITY
351	(15F)	BITSTRING	1	FCTSPRKY	KEY FOR SETPRINT SUBTASK
352	(160)	ADDRESS	4	FCTNQADD	Address of FCT AENQ element queue for the resources that were AENQ'd by this FCT
356	(164)	SIGNED	2	FCTGETSZ	Size of the FCT 16893TBM
358	(166)	SIGNED	2	FCTYERON	FCT login year as 0CYY 18078TAC
360	(168)	DBL WORD	8	FCTWORK	WORK AREA FOR DSPS
368	(170)	ADDRESS	4	FCTATDE	ADDRESS OF ATDE OR ZERO
372	(174)	SIGNED	2	FCTDATON	FCT login date on as DDDs 18078TAC (signed-packed-decimal) 18078TAA
374	(176)	BITSTRING	1	FCTRSVS3	RESERVED FOR SERVICE
375	(177)	BITSTRING	1	FCTSNAFL	SNA RJP FLAG
		1...		FCTSNAFA	"X'80" SNA FAILED THIS DSP
		.1..		FCTSNAOP	"X'40" IND. OPERATOR FAILED SNARJP
376	(178)	SIGNED	4	FCTSPPSV	SETPRINT SAVE AREA
380	(17C)	SIGNED	4	FCTRSRJP	USED BY RTAM JESTAE
		.... ...1		FRSTABND	"X'01" RECURSIVE JESTAE ENTRY
384	(180)	SIGNED	4	FCTRSVD2 (2)	*** AVAILABLE TO USER
392	(188)	SIGNED	4	FCTCBPTR	- POINTER TO CONSOLE BUFFER CHAIN 1
396	(18C)	SIGNED	4	FCTGLIST	- POINTER TO GETUNIT LIST
400	(190)	SIGNED	4	FCTGSD	GEN. SUBTASK DIRECTORY ADDR
404	(194)	ADDRESS	4	FCTRDQCH	READY QUEUE CHAIN POINTER
408	(198)	BITSTRING	1	FCTFLAG1	- FLAG BYTE 1
Comment					

DEFINITION OF FCTFLAG1					

End of Comment					
		1...		FCTNOEF	"X'80" - DO NOT CREATE ENDING FUNCTION

IATYFCT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.1..		FCTVALID	"X'40" - VALIDATE=YES ON GETUNIT MAC 250
		..1.		FCTAGET	"X'20" - TURNED ON WHEN AN APUTMAIN IS DONE, TURNED OFF AFTER AN UNSUCCESSFUL AGETMAIN REQUEST
		...1		FCTGNOAL	"X'10" - ALLO=NO ON CALL TO GETPUTUN
		.... 1...		FCTNUCHG	"X'08" - DSP UC CHG NOT REQD
		.... .1..		FCTNEFDL	"X'04" - NO E. F. - DELETE FCT
		.... ..1.		FCTGUPF	"X'02" FAST PATH GETUNIT REQUEST
		.... ...1		FCTDLFCT	"X'01" - DELETE FCT, RETURN RQ TO JSS FOR ENDING FUNCTION PROCESS.
409	(199)	BITSTRING	1	FCTFLAG2	- FLAG BYTE 2

Comment

 DEFINITION OF FCTFLAG2
 DSP RETURN CODE TO JSS
 SAME AS RQDSPRC IN IATYRSQ

End of Comment

409	(199)	X'0'	0	FCTJSNRM	"0" - NORMAL COMPLETION
409	(199)	X'4'	0	FCTJSRSK	"4" - PUT JOB IN HOLD FOR LATER RESCHED
409	(199)	X'8'	0	FCTJSSPR	"8" - SPECIALIZED RESCHEDULE
409	(199)	X'C'	0	FCTJPPURG	"12" - CANCEL ALL JOB SE'S EXCEPT PURGE
409	(199)	X'10'	0	FCTJSCAN	"16" - CANCEL WITH PRINT
409	(199)	X'14'	0	FCTABDSP	"20" RETURN FROM FAILSOFT
409	(199)	X'18'	0	FCTIIRES	"24" CI DSP USE COUNT RESCHEDULE
409	(199)	X'1C'	0	FCTSMSRS	"28" JOB REQUIRES SMS RESOURCES
409	(199)	X'20'	0	FCTNOMPL	"32" JOB REQUIRES MAIN PROCESSOR 0181 TO PERFORM LOCATES 0181
409	(199)	X'24'	0	FCTIIJSM	"36" C/I JSAM buffer usage re- 0082 schedule 0082
410	(19A)	BITSTRING	1	FCTFLAG3	- FLAG BYTE 3

Comment

 DEFINITION OF FCTFLAG3

End of Comment

		1...		FCTSPIE	"X'80" - FAILSOFT IN PROCESS
		.1..		FCTPERM	"X'40" - THIS IS A PERMANENT FCT
		..1.		FCTQUIES	"X'20" - FCT HAS BEEN QUIESCED BY FAILSOFT
		...1		FCTRTSPR	"X'10" - RETURN THE JOB TO JSS FOR SPECIALIZED RESCHEDULING WHEN FINISHED
		.... 1...		FCTNCKRC	"X'08" - FAILSOFT RECOVERY IS IN PROGRESS FOR THE NCK
		.... .1..		FCTPREAL	"X'04" - THIS IS A PRE-ALLOCATED FCT
		.... ..1.		FCTSRESD	"X'02" - DSP REENTERED FROM SPECIALIZED RESCHEDULE - GETUNIT DONE OR... JOB IS BEING RESCHEDULED FOR POSTSCAN
		.... ...1		FCTNEXMT	"X'01" - TYPICALLY EXEMPT FCT SHOULD BE CONSIDERED NON-EXEMPT WHEN ISSUING A MESSAGE MACRO 1
411	(19B)	BITSTRING	1	FCTFLAG4	- FLAG BYTE 4

Comment

 DEFINITION OF FCTFLAG4

End of Comment

		1...		FCTJMSRQ	"X'80" IATXARQ FOR JESMSG ISSUED
--	--	-----------	--	----------	----------------------------------

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.1..		FCTONRDQ	"X'40" FCT IS ON READY QUEUE #0343
		..1.		FCTELRDQ	"X'20" FCT IS ELIGIBLE FOR READY QUEUE
		...1		FCTPENDR	"X'10" FCT PENDING REROUTE PROCESS
		.... 1...		FCTECFOF	"X'08" - JSSDR-MSK/ADR IN FCTWORK FOR NI INS
		.... .1..		FCTECFON	"X'04" - JSSDR-MSK/ADR IN FCTWORK FOR OI INS
		.... ..1.		FCTJMAIN	"X'02" MSMS FCT (PRTY SCHEDULING)
		.... ...1		FCTDSPAB	"X'01" DSP TERMINATED BY FAILSOFT
412	(19C)	BITSTRING	1	FCTFSFLG	- DSP FAIL SOFT FLAGS
412	(19C)	X'19C'	0	FCTFSFL1	"FCTFSFLG" DSP FAILSOFT FLAGS

Comment

 DEFINITION OF FCTFSFL1

End of Comment

		1...		FCTDPCAN	"X'80" - Duplicate FCT fail candidate0035
		.1..		FCTFAIL	"X'40" - FAILDSP MACRO CAUSED ABEND
		..1.		FCTFAILC	"X'20" - CURRENT FCT WAS FAILED
		...1		FCTFSNDP	"X'10" - NO DUMP REQUIRED FOR THIS FAILURE
		.... 1...		FCTFSEXT	"X'08" - JESTAE EXIT ROUTINE IS IN CONTROL
		.... .1..		FCTFSIRB	"X'04" - THIS FCT IS FOR A FAILED IRB-EXIT
		.... ..1.		FCTFSNLG	"X'02" - No logout required for the 12857T1C next failure, this bit is 12857T1A reset in IATABRT after 12857T1A processing one failure 12857T1A
		.... ...1		FCTFSJFD	"X'01" - ONLY JES3 FORMATTED DUMP REQUIRED
413	(19D)	BITSTRING	1	FCTRSVDP	RESERVED FOR DEVELOPMENT
414	(19E)	SIGNED	2	FCTMFCNT	- MAX FAILURE COUNT BEFORE TERMINATION
416	(1A0)	SIGNED	4	FCTASTCB	- TCB ADDR OF AN ASSOCIATED SUBTASK
420	(1A4)	SIGNED	4	FCTFSID (0)	FSID OF ASSOCIATED FSS (FROM JSERV)
420	(1A4)	SIGNED	2	FCTFSSID	FSS PORTION OF FSID
422	(1A6)	SIGNED	2	FCTFSAID	FSA PORTION OF FSID
424	(1A8)	SIGNED	4	FCTLRECL	Original logical record length of a record
428	(1AC)	SIGNED	4	FCTJCTWC	Number of JCTs that this FCT has in write access mode (via IATXJCT TYPE=RW)
432	(1B0)	CHARACTER	6	FCTFSCOD	- ABEND CODE FOR FAILDSP MACRO
438	(1B6)	SIGNED	2	FCTRSVD4	Reserved for development
440	(1B8)	SIGNED	4	FCTFSLOC	- LOCATION OF FAILDSP MACRO
444	(1BC)	SIGNED	4	FCTFSRTN	- SAVE AREA FOR FCTRETN OVER FAILDSP
448	(1C0)	SIGNED	4	FCTJESCB (4)	JESTAE CONTROL BLOCK (SEE IATYSCB)
464	(1D0)	SIGNED	2	FCTFCNT	- FCT FAILURE COUNT
466	(1D2)	SIGNED	2	FCTPCNT	- JESTAE PERCOLATION COUNT
468	(1D4)	SIGNED	4	FCTFSWA	- FAIL SOFT WORK AREA ADDRESS
472	(1D8)	SIGNED	4	FCTSLEVL	- CURRENT ASAVE LEVEL FOR JESTAE
476	(1DC)	SIGNED	4	FCTCLEVL	- CURRENT JESTAE CONTROL BLOCK
480	(1E0)	BITSTRING	1	FCTRSFLG	- SPEC RESCHED REQMENTS FLG

Comment

 DEFINITION OF FCTRSFLG

End of Comment

		.1..		FCTPRRQD	"X'40" FCT SPEC RESCHD FOR PRT
		..1.		FCTPURQD	"X'20" FCT SPEC RESCHD FOR PUN
		...1		FCTOTRQD	"X'10" FCT SPEC RESCHD FOR NON PR/PU
		.... 1...		FCTCNSRS	"X'08" FCT CANCLD WHILE SPEC RESHD
481	(1E1)	BITSTRING	1	FCTCNFLG	CONSOLE SERVICES FLAG

IATYFCT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

DEFINITION OF FCTCNFLG					

End of Comment					
		1... ..		FCTCMNDQ	"X'80" MSG AFTER 2ND ENQUEUED CMND
		.1.. ..		FCTCNMSG	"X'40" CONSOLE MESSAGE TO PROCESS
		..1.		FCTEXMPT	"X'20" EXEMPT FOR CONSOLE BUFFER REQS.
482	(1E2)	SIGNED	2	FCTDMDSP	JSAM SRF CHAIN FDB DISP
484	(1E4)	SIGNED	4	FCTDMID	JSAM SRF ID
488	(1E8)	SIGNED	4	FCTDMRT	JSAM SRF ROOT FDB ADDR
492	(1EC)	SIGNED	4	FCTEFPST	EF ECF ADDRESS FOR POST
496	(1F0)	BITSTRING	1	(3)	MUST BE ZERO
499	(1F3)	BITSTRING	1	FCTEFMSK	EF ECF MSK FOR POST
500	(1F4)	SIGNED	4	FCTWKSAV (16)	- ASAVE AND IATXJLOK WORKAREA
564	(234)	SIGNED	4	FCTWKSVA (16)	ASAVE top halves of R0-R15
628	(274)	SIGNED	4	FCTWKSVA (16)	ASAVE Access registers 0-15
692	(2B4)	SIGNED	4	FCTFSCDS	- DM CODE FOR PENDING FAILDSP
696	(2B8)	SIGNED	4	FCTLOCK	- ADDR OF LOCK HELD OR ZERO
700	(2BC)	BITSTRING	1	FCTLTYPE	- LOCK HELD FLAGS
Comment					

DEFINITION OF FCTLTYPE					

End of Comment					
701	(2BD)	BITSTRING	1	FCTBSCLN FCTMODE	"X'80" - RBSC RJP LINE LOCK HELD - FCT MODE AND CONTROL FLAGS
Comment					

DEFINITION OF FCTMODE					

End of Comment					
		1... ..		FCTATM	"X'80" - FCT IS IN AUXTASK MODE
		.1.. ..		FCTATCTL	"X'40" - FCT IS UNDER AUXTASK CONTROL
		..1.		FCTARMOD	"X'20" AWAIT entered in AR mode
		...1		FCTSVARM	"X'10" ASAVE entered in AR mode
702	(2BE)	BITSTRING	1	FCTMSGCT	COUNT OF MESSAGES ISSUED #389
703	(2BF)	BITSTRING	1	FCTRSVD1	- RESERVED FOR DEVELOPMENT #389
704	(2C0)	SIGNED	4	FCTRAP14	- R14 SAVEAREA FOR DC TRAP
708	(2C4)	SIGNED	4	FCTIME (2)	- TOD SET IN IATGRCT
716	(2CC)	SIGNED	4	FCTMSGID	- ACTION MESSAGE ID
720	(2D0)	SIGNED	4	FCTJSSWK	- I S REG SAVE ADDR FOR JSS
Comment					

THE NEXT TWO FULLWORDS ARE FOR USE BY SPOOL DATA MANAGEMENT.					

End of Comment					
724	(2D4)	SIGNED	4	FCTSPLRL	SPANNED LOGICAL RECORD LEN
728	(2D8)	BITSTRING	1	FCTSPFLG	S.D.M. SPANNED DATA FLAG

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
<p>-----</p> <p>DEFINITION OF FCTSPFLG THE HIGH ORDER BIT ON SIGNIFIES THAT THE DATA IS A SPANNED RECORD. WHEN THE HIGH ORDER BIT IS ON, IF BIT ONE IS ON, THE DATA IS THE FIRST 'RECORD SECTION' OF A SPANNED RECORD. IF BIT TWO IS ON, THE DATA IS THE LAST 'RECORD SECTION' OF A SPANNED RECORD. IF BITS ONE AND TWO ARE OFF, THE DATA IS THE NTH 'RECORD SECTION' OF A SPANNED RECORD.</p> <p>-----</p>					
End of Comment					
		.... ....		FCTNOSPN	"X'00" SPAN DATA IS NOT PRESENT
		1...		FCTSPAN	"X'80" SPAN DATA PRESENT
		11..		FCTSPFIR	"X'C0" FIRST 'RECORD SECTION'
		1...		FCTSPNTH	"X'80" NTH 'RECORD SECTION'
		1.1.		FCTSPPLST	"X'A0" LAST 'RECORD SECTION'
729	(2D9)	BITSTRING	1	FCTCCFLG	CARRIAGE CONTROL FLAG
Comment					
<p>-----</p> <p>DEFINITION OF FCTCCFLG SET BY THE ADEBLOCK ROUTINE IN IATDMDT. SAME AS THE HIGH ORDER FOUR BITS OF THE FLAG IN DATCC.</p> <p>-----</p>					
End of Comment					
		1...		FCTCPDS	"X'80" COMPOSED PAGE DATA STREAM CC
		.1..		FCTMAC	"X'40" MACHINE CARRIAGE CONTROL
		..1.		FCTASA	"X'20" ASA CARRIAGE CONTROL
		...1		FCTOPTCD	"X'10" OPTCD=J
730	(2DA)	BITSTRING	1	FCTSDMGF	SDM general flag
Comment					
<p>-----</p> <p>Definition of FCTSDMGF</p> <p>-----</p>					
End of Comment					
		1...		FCTNBUFF	"X'80" New buffer obtained as a result of ALOCATE/ABLOCK processing; the flag is always reset in an IATXFDB ALOCATE ADDFDB request
		.1..		FCTUSEFL	"X'40" Use FCTLRECL. This flag is checked by IATDMDT to determine whether FCTLRECL or R0 value has to be used
		..1.		FCTINPTR	"X'20" SYSIN pointer record
		...1		FCT0RLEN	"X'10" Process zero length record
		.... 1..		FCTCTLRD	"X'08" Control record (not counted for DATLOREC)
		.... .1..		FCTJCLCV	"X'04" If ON, the COPYFILE service will turn on DATCTLRD if DATINPTR was on in the input data set
		.... ..1.		FCTNJOB	"X'02" New job - don't check JBT job number
		.... ...1		FCTNRELB	"X'01" Don't release STT buffer
731	(2DB)	BITSTRING	1	FCTPRMSV	ATRACK parms save area

IATYFCT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- #2					
THE FOLLOWING FULL WORD IS PROVIDED AS PARAMETER FIELD #2					
FOR ATTACHED FCT'S. #2					
----- #2					
End of Comment					
732	(2DC)	SIGNED	4	FCTATFPF	ATTACHED FCT PARM FIELD #2773
Comment					
----- #2					
End of Comment					
736	(2E0)	SIGNED	4	FCTSV10G	- SAVE R10 (RNCELLGT, IATCNRN)
740	(2E4)	SIGNED	4	FCTSV10P	- SAVE R10 (RNCELLPT, IATCNRN)
744	(2E8)	SIGNED	4	FCTWTOTK	- WTO TOKEN FOR ACTION MSGS ISSUED FROM OR ON BEHALF OF THIS FCT - SET INITIALLY BY IATCNWO, RESET BY IATCNDQ
748	(2EC)	SIGNED	4	FCTSTAR	STAGING AREA FOR RESPONSE
752	(2F0)	SIGNED	4	FCTFSEA	FDB SAVEAREA EXTENSION
756	(2F4)	SIGNED	4	FCTCSSAD	ADDRESS OF CSS WORK AREA
760	(2F8)	SIGNED	4	FCTRSVDS	RESERVED FOR SERVICE
764	(2FC)	SIGNED	4	FCTRSVU1 (2)	- RESERVED FOR USER
772	(304)	SIGNED	4	FCTRSVS4 (3)	Reserved for service
784	(310)	ADDRESS	4	FCTMPC	MPC address specified on FAILDSP
788	(314)	SIGNED	2	FCTASID	ASID specified on FAILDSP
790	(316)	SIGNED	2	FCTRSVS6	RESERVED FOR SERVICE
792	(318)	SIGNED	4	FCTATJNO	Job or DSP number for ATRACK (DSP number has the high- order bit set)
796	(31C)	SIGNED	4	FCTRSVS8	RESERVED FOR SERVICE 0055
800	(320)	SIGNED	4	FCTRSVS9	RESERVED FOR SERVICE 0055
804	(324)	SIGNED	4	FCTRSVDD (4)	Reserved for IBM
820	(334)	BITSTRING	1	FCTSUBF	Subfunction index, assigned when FCT is using IATGRSCP
821	(335)	BITSTRING	1	FCTRSVD5 (3)	Reserved for IBM
824	(338)	DBL WORD	8	FCTATTIM	FCT Attach (IATXATF) time for dynamic FCTs
Comment					

AWAIT data (from DATA parameter on AWAIT macro).					
See FCTAWDLN for length of actual data.					

End of Comment					
832	(340)	CHARACTER	16	FCTAWDAT	AWAIT data
Comment					

I/O Statistics. These statistics are used by JMF.					
If you add additional statistics, you must at least recompile the JMF modules which reference them.					

End of Comment					
848	(350)	SIGNED	4	FCTIOSTA (0)	Start of I/O Statistics
848	(350)	SIGNED	4	FCTMRFR1	Number of multi-record file read I/O's
852	(354)	SIGNED	4	FCTMRFW1	Number of multi-record file write I/O's
856	(358)	SIGNED	4	FCTSRFR1	Number of single-record file read I/O's
860	(35C)	SIGNED	4	FCTSRFRB	Number of single-record file buffers read
864	(360)	SIGNED	4	FCTSRFW1	Number of single-record file write I/O's

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
868	(364)	SIGNED	4	FCTSRFWB	Number of single-record file buffers written
868	(364)	X'18'	0	FCTIOSIZ	** -FCTIOSTA" Size of I/O statistics
868	(364)	X'6'	0	FCTIOCNT	"FCTIOSIZ/4" Number of I/O fields
872	(368)	SIGNED	4	FCTEND (0)	- END OF FCT
872	(368)	BITSTRING	1	FCTSIZE (0)	SIZE OF FCT = L'FCTSIZE
872	(368)	X'44'	0	GETLSTSZ	"((L'GLSIZE+4)*2)+4" TWO GETUNIT LIST ENTRIES PLUS TWO SUBLIST TRUNCATORS PLUS TOTAL LIST TRUNCATOR
872	(368)	BITSTRING	0	GLZERSZ (0)	TWO GETUNIT LIST ENTRIES
872	(368)	BITSTRING	0	GLZERSZ1 (0)	MAX GETUNIT LIST ENTRIES
872	(368)	BITSTRING	0	JSSFCTSZ (0)	
872	(368)	BITSTRING	1	JSSFCTS1 (0)	

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	GLSTART	
0	(0)	CHARACTER	8	GLDDNAME	- DDNAME OF DEVICE
8	(8)	CHARACTER	8	GLTYPE (0)	- DEVICE TYPE
8	(8)	CHARACTER	3	GLTGEN	- GENERAL DEVICE TYPE
11	(B)	CHARACTER	5	GLTSPEC	- SPECIFIC DEVICE TYPE
16	(10)	SIGNED	4	GLADDR	- ADDRESS OF SUPUNITS ENTRY
20	(14)	BITSTRING	1	GLFLAGS	GETLIST FLAG BYTE
21	(15)	BITSTRING	1	GLFLG2	GETLIST FLAG BYTE 2
22	(16)	BITSTRING	1	GLRSVDD (2)	Reserved for Development
24	(18)	CHARACTER	4	GLDEVNUM	GLDDNAME converted to a device number by IATXDEV (if applicable). Currently only filled in for WTR DSP
28	(1C)	SIGNED	4	GLEND (0)	- END OF GET LIST ENTRY
28	(1C)	BITSTRING	1	GLSIZE (0)	-SIZE OF GL ENTRY = L'GLSIZE

Comment

 DEFINITION OF GLFLAGS

End of Comment

1...	....	GLGRPTYP	"X'80" - GETUNIT IS FOR GROUP
.1..	....	GLRMTTYP	"X'40" - GETUNIT IS FOR REMOTE DEVICE
..1.	....	GLGASSGN	"X'20" - UNIT ALLOC RESULT OF GRP/GRP ASSGN
...1	....	GLDASSGN	"X'10" - UNIT ALLOC RESULT OF DEV/DEV ASSGN
....	1...	GLANYLCL	"X'08" - UNIT REQUEST FOR ANY LOCAL
....	.1..	GLANAME	"X'04" - GLDDNAME IS ALT NAME THIS FCT
....	..1.	GLNETSRV	"X'02" Request for NETSERV
....	...1	GLUSED	"X'01" IGNORE SUPDD, USE GLDD \$\$\$\$

Comment

 DEFINITION OF GLFLG2

End of Comment

1...	....	GLSNATYP	"X'80" REQ IS SNA SPECIFIC OR SNA DEVICE IS RETURNED TO CALLER
.1..	....	GLRSTRT	"X'40" FSS RELATED FCT RE-DOING GETUNIT AFTER HOTSTART
..1.	....	GLTYPFSS	"X'20" GETUNIT TYPE=FSS SPECIFIED #848
...1	....	GLDDNUPD	"X'10" GETLIST DDNAME WAS UPDATED #848
....	1...	GLDDDEV	"X'08" GLDDNAME CONTAINS DEVICE NUMBER

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	FSESTART	FDB SAVEAREA EXTENSION

IATYFCT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	CHARACTER	4	FSEID	CONTROL BLOCK ID
4	(4)	SIGNED	2	FSEUSECT	IN-USE COUNTER
6	(6)	SIGNED	2	FSERES	RESERVE FOR DEVELOPMENT

Comment

 DEFINITION OF FSEFLAG1

End of Comment

8	(8)	BITSTRING	1	FSEFLAG1	SAVEAREA USER
		1...		FSEABLOC	"X'80" USED BY ABLOCK
		.1..		FSEACLOS	"X'40" USED BY ACLOSE
		..1.		FSEADEBL	"X'20" USED BY ADEBLOCK
		...1		FSEALOCA	"X'10" USED BY ALOCATE
		.... 1...		FSEAOOPEN	"X'08" USED BY AOPEN
		.... .1..		FSEAWRIT	"X'04" USED BY AWRITE
		.... ..1.		FSEDISK	"X'02" USED BY DISK
		.... ...1		FSEINPUT	"X'01" USED BY INPUT

Comment

 DEFINITION OF FSEFLAG2

End of Comment

9	(9)	BITSTRING	1	FSEFLAG2	SAVEAREA USER
		1...		FSEJESRE	"X'80" USED BY JESREAD
		.1..		FSEOUTPU	"X'40" USED BY OUTPUT
		..1.		FSEWRTCH	"X'20" USED BY WRTCHAIN
9	(9)	X'A'	0	FSEFIXSZ	**FSESTART" SIZE OF FSE HEADER 0194
10	(A)	BITSTRING	130	FSEFDB	SAVED FDB'S
140	(8C)	SIGNED	4	FSEEND (0)	
140	(8C)	X'4'	0	FSEMAX	"4" MAXIMUM NUMBER OF FDB'S
140	(8C)	BITSTRING	1	FSESIZE (0)	SIZE OF SAVEAREA = L'FSESIZE

Offsets

Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SAVEAREA	
0	(0)	SIGNED	4	SAVCHAIN	- CHAIN FIELD FOR SAVE AREAS
4	(4)	SIGNED	4	SAVWORK	- WORK CELL FOR SUBROUTINES
8	(8)	BITSTRING	1	SAVFLAG1	Flag byte

Comment

 Definition of SAVFLAG1

End of Comment

		1...		SAVARMOD	"X'80" Caller is in AR mode
9	(9)	BITSTRING	3	SAVRSVD	RESERVED FOR DEVELOPMENT
12	(C)	CHARACTER	56	SAVREGS (0)	USERS REGISTERS 15,0-12
12	(C)	SIGNED	4	SAVFUNRC	- REGISTER 15 - ENTRY POINT
16	(10)	SIGNED	4	SAVPARM0	- REGISTER 0 - PARAMETER REGISTER
20	(14)	SIGNED	4	SAVPARM1	- REGISTER 1 - PARAMETER REGISTER
24	(18)	SIGNED	4	SAVREG2 (8)	- REGISTER 2 - 9
56	(38)	SIGNED	4	SAVBASE	- REGISTER 10 - BASE REGISTER
60	(3C)	SIGNED	4	SAVFCT	REGISTER 11 - FCT ADR
64	(40)	SIGNED	4	SAVTVT	REGISTER 12 - TVT ADR
68	(44)	SIGNED	4	SAVR13	REGISTER 13 - DSP CSECT
72	(48)	SIGNED	4	SAVLINK	- (SAVERTN USE ONLY. CALLERS R14)

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
76	(4C)	SIGNED	4	SAVREGHI (16)	High word register save area for R15-R14
76	(4C)	X'84'	0	SAVR13HI	"SAVREGHI+14*4,4" R13 slot
140	(8C)	SIGNED	4	SAVREGAR (16)	Access register save area for AR15-AR14
140	(8C)	X'C4'	0	SAVR13AR	"SAVREGAR+14*4,4" AR13 slot
204	(CC)	SIGNED	4	SAVAMOD	AMODE save area
208	(D0)	CHARACTER	16	SAVJESCB	- JESTAE CNTRL BLK (SEE IATYSCB)
224	(E0)	SIGNED	4	SAVRSVDU	- RESERVED FOR USER
232	(E8)	DBL WORD	8	SAVEND (0)	END OF SAVEAREA
232	(E8)	BITSTRING	1	SAVSIZE (0)	L'SAVSIZE IS LENGTH OF SAVEAREA

Comment

IATYAWR

AWAIT Reason Codes

01 Change Activity:

\$TB= SPOOLDEL HJS7790 110526 PD0PK: z 2.1.0

\$TD= J3SPLDTA HJS7790 110929 RD0DJ: z 2.1.0

\$TA= z2.1.0 HJS7790 120515 PD0PK: z 2.1.0 02366TAA

End of Comment

IATYFCT Cross Reference

Name

FCTABDSP
 FCTACJDS
 FCTAGET
 FCTAMOD
 FCTARMOD
 FCTASA
 FCTASID
 FCTASTCB
 FCTATCTL
 FCTATDE
 FCTATFPF
 FCTATJNO
 FCTATM
 FCTATTIM
 FCTAWBC
 FCTAWBU
 FCTAWDAT
 FCTAWDLN
 FCTAWLM
 FCTAWRSN
 FCTAWTM
 FCTBASE
 FCTBSCLN
 FCTCAHFC
 FCTCBPTR
 FCTCCFLG
 FCTCDE
 FCTCLEVL
 FCTCMNDQ
 FCTCNFLG
 FCTCNMSG
 FCTNSRS
 FCTCPDS
 FCTCSECT
 FCTCSSAD

IATYFCT Cross Reference

Name

FCTCTLRD
FCTDATON
FCTDEFWR
FCTDFLG1
FCTDLFCT

FCTDMDSP
FCTDMFLG
FCTDMFL2
FCTDMID
FCTDMRT

FCTDPCAN
FCTDSPAB
FCTDSPDC
FCTECFAD
FCTECFMK

FCTECFOF
FCTECFON
FCTEFMSK
FCTEFPST
FCTELRDQ

FCTEND
FCTEXMPT
FCTFAIL
FCTFAILC
FCTFCNT

FCTFLACT
FCTFLAG1
FCTFLAG2
FCTFLAG3
FCTFLAG4

FCTFREND
FCTFSAID
FCTFSASI
FCTFSATA
FCTFSCDS

FCTFSCOD
FCTFSEA
FCTFSEXT
FCTFSFLG
FCTFSFL1

FCTFSFL2
FCTFSID
FCTFSIRB
FCTFSJFD
FCTFSLOC

FCTFSMPC
FCTFSNDP
FCTFSNLG
FCTFSPFL
FCTFSRSN

FCTFSRTN
FCTFSSID
FCTFSWA
FCTFUNCD
FCTGETSZ

FCTGLIST
FCTGNOAL
FCTGPARM
FCTGSD
FCTGUFP

Name

FCTID
FCTIIJSM
FCTIIRES
FCTIME
FCTINPTR

FCTIOCNT
FCTIOSIZ
FCTIOSTA
FCTJCLCV
FCTJCTPY

FCTJCTWC
FCTJESCB
FCTJMAIN
FCTJMSJE
FCTJMSRQ

FCTJPURG
FCTJSCAN
FCTJSNRM
FCTJSRSK
FCTJSR0

FCTJSR1
FCTJSR10
FCTJSR14
FCTJSSPR
FCTJSSWK

FCTLOCK
FCTLOGIN
FCTLRECL
FCTLTYPE
FCTMAC

FCTMASK
FCTMFCNT
FCTMODE
FCTMODJD
FCTMPC

FCTMRFRI
FCTMRFWI
FCTMSGCT
FCTMSGID
FCTMSKTR

FCTNBUFF
FCTNCKRC
FCTNEFDL
FCTNEXMT
FCTNEXT

FCTNJE1
FCTNJOB
FCTNOEF
FCTNOMPL
FCTNOPUT

FCTNOSPN
FCTNOWT
FCTNQADD
FCTNRELB
FCTNUCHG

FCTONRDQ
FCTOPTCD
FCTOTRQD
FCTPARM
FCTPCNT

IATYFCT Cross Reference

Name

FCTPENDR
FCTPERM
FCTPREAL
FCTPREV
FCTPRMSV

FCTPRRQD
FCTPRTY
FCTPURQD
FCTQAVAL
FCTQDCOM

FCTQDONE
FCTQFCTO
FCTQHEAD
FCTQIDOP
FCTQUIES

FCTQUSER
FCTQWAIT
FCTRAP14
FCTRDQCH
FCTREGS

FCTREGSA
FCTREGSH
FCTREG0
FCTREG1
FCTREG15

FCTRESON
FCTRETN
FCTRQAD
FCTRSFLG
FCTRSRJP

FCTRSVDD
FCTRSVDP
FCTRSVDS
FCTRSVD1
FCTRSVD2

FCTRSVD4
FCTRSVD5
FCTRSVD6
FCTRSVSF
FCTRSVS3

FCTRSVS4
FCTRSVS6
FCTRSVS8
FCTRSVS9
FCTRSVU1

FCTRTSPR
FCTSAVCH
FCTSAVE
FCTSDMGF
FCTSELF

FCTSESEQ
FCTSIZE
FCTSLEVEL
FCTSMSRS
FCTSNAFA

FCTSNAFL
FCTSNAOP
FCTSPADR
FCTSPAN
FCTSPFIR

Name

FCTSPFLG
 FCTSPIE
 FCTSPLRL
 FCTSPLST
 FCTSPNTH

 FCTSPPSV
 FCTSPRKY
 FCTSPWK2
 FCTSPWRK
 FCTSPYES

 FCTSRESO
 FCTSFRFB
 FCTSRFRI
 FCTSRFWB
 FCTSRFWI

 FCTSTAR
 FCTSTART
 FCTSTTEX
 FCTSUBF
 FCTSVARM

 FCTSV10G
 FCTSV10P
 FCTTELPT
 FCTTFLAG
 FCTTIMEI

 FCTTIMEX
 FCTTIMON
 FCTTNEXT
 FCTTQERS
 FCTTUID

 FCTTVPTR
 FCTUSEFL
 FCTVALID
 FCTWKS AV
 FCTWKSVA

 FCTWKS VH
 FCTWORK
 FCTWRMOD
 FCTWTOTK
 FCTWTRSC

 FCTYERON
 FCTORLEN
 FRSTABND
 FSEABLOC
 FSEACLOS

 FSEADEBL
 FSEALOCA
 FSEAOPEN
 FSEAWRIT
 FSEDISK

 FSEEND
 FSEFDB
 FSEFIXSZ
 FSEFLAG1
 FSEFLAG2

 FSEID
 FSEINPUT
 FSEJESRE
 FSEMAX
 FSEOUTPU

IATYFCT Cross Reference

Name

FSERES
FSESIZE
FSESTART
FSEUSECT
FSEWRTCH

GETLSTSZ
GLADDR
GLANAME
GLANYLCL
GLDASSGN

GLDDDEV
GLDDNAME
GLDDNUPD
GLDEVNUM
GLEN

GLFLAGS
GLFLG2
GLGASSGN
GLGRPTYP
GLNETSRV

GLRMTTYP
GLRSTRT
GLRSVDD
GLSIZE
GLSNATYP

GLSTART
GLTGEN
GLTSPEC
GLTYPE
GLTYPFSS

GLUSED
GLZERSZ
GLZERSZ1
JSSFCTSZ
JSSFCTS1

SAVAMOD
SAVARMOD
SAVBASE
SAVCHAIN
SAVEAREA

SAVEND
SAVFCT
SAVFLAG1
SAVFUNRC
SAVJESCB

SAVLINK
SAVPARM0
SAVPARM1
SAVREGAR
SAVREGHI

SAVREGS
SAVREG2
SAVRSVD
SAVRSVDU
SAVR13

SAVR13AR
SAVR13HI
SAVSIZE
SAVTVT
SAVWORK

IATYFDB Information

IATYFDB Programming Interface information

Programming Interface information

IATYFDB

End of Programming Interface information

Heading Information • IATYFDB Map

IATYFDB Heading Information

Common Name: FILE DESCRIPTION BLOCK
Macro ID: IATYFDB
DSECT Name: FDBSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: N/A
 Auxiliary Storage: N/A
Size: MRF - 32 Bytes
 SRF - 12 Bytes
 JBT - 28 Bytes
Created by: N/A
Pointed to by:
Serialization: None
Function: Contains information for SINGLE- and MULTI-RECORD data sets, such as the address of the data set (in-storage or on-spool), and status flags. If the flag FDBMULT is ON in FDBFLAGS, the FDB is for a MULTI-RECORD file and its length is equated to FDBMRFL. If the flag FDBJBTAT is ON in FDBFLAG0, the FDB is for a job or dataset TAT record and contains fields in the TAT FDB extension (FDBMULT can not be set in FDBFLAGS).

Restrictions: Do not change the offsets of any of the fields between FDBSTART and FDBFREND. These fields are static offsets. Changes in their location will result in incorrect processing.

IATYFDB Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	FDBSTART	
0	(0)	SIGNED	4	FBDATA (0)	- BUFFER ADDRESS OF DATA
0	(0)	BITSTRING	6	FDBSPADR (0)	- M.R SPOOL REC ADDR OF DATA
0	(0)	BITSTRING	2	FDBSPMOD	- MODULE NUMBER OF SPOOL EXTENT
2	(2)	BITSTRING	4	FDBSPREC	- RECORD NUMBER OF DATA
4	(4)	BITSTRING	2	FDBNOADR	Gas
6	(6)	BITSTRING	1	FDBFLAG0 (0)	SINGLE RECORD AND ERROR FLAGS

Comment

 DEFINITION OF FDBFLAG0: SINGLE-RECORD AND ERROR FLAGS

End of Comment

1111	....	FDBERFLG	"X'F0"	I/O ERROR FLAGS.
1..1	....	FBDKFRR	"X'90"	PROGRAM CHECK IN IATDMDK.
1...	....	FDBRECOV	"X'80"	SUCCESSFUL ERROR RECOVERY OCCURRED
.111	....	FDBJBTER	"X'70"	ERROR READING THE JBT OCCURRED
.11.	....	FDBCHKPT	"X'60"	FIRST/LAST TRACK ADDR CHANGE
.1.1	....	FDBFORS1	"X'50"	RESERVED FLAG.
.1..	....	FDBERROR	"X'40"	UNCORRECTABLE I/O ERROR OCCURRED
..11	....	FDBTAERR	"X'30"	DISK ADDRESS NOT VERIFY.
..1.	....	FDBIOERR	"X'20"	I/O ERROR RECOVERY IN PROGRESS
...1	....	FDBROTERR	"X'10"	ERROR OCCURRED ON ROOT I/O.

Comment

FOLLOWING FOUR FLAGS ARE FOR SINGLE RECORD FILES ONLY

End of Comment

....	1..	FDBNOPUT	"X'08"	WRITE WITHOUT PUTBUF
....	.1.	FDBOLD	"X'04"	OLD SINGLE RECORD FILE
....	.1.	FDBJBTAT	"X'02"	INDICATES FDB IS A JBTAT FDB
....	...1	FDBFCTPM	"X'01"	PARAMETERS IN FCT

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
6	(6)	BITSTRING	1	FDBPRTY	FDB PRTY (BITS 0-3) DURING OPEN (overlaps FDBFLAG0) 12190S5A
7	(7)	BITSTRING	1	FDBFLAGS	FLAGS COMMON TO SINGLE/MULT 1

Comment

 DEFINITION OF FDBFLAGS: SINGLE- & MULTIPLE-RECORD FILES

End of Comment

		1... ..		FDBECF	"X'80" - I/O EVENT COMPLETION.
		.1... ..		FDBMNTAT	"X'40" Single track allocation used (spool space belongs to JES3 or job 0 rather than a JOBTAT or DSTAT)
		..1... ..		FDBINPUT	"X'20" - INPUT/OUTPUT FILE (INPUT IF ON).
		...1... ..		FDBCLOSE	"X'10" - OPEN/CLOSED FLAG (CLOSED IF ON).
		.... 1... ..		FDBMULT	"X'08" - SINGLE/MULTIPLE FILE (MULT IF ON).
		.... .1... ..		FDBSRV1	"X'04" - RESERVED.
		.... .1... ..		FDBWCHLK	"X'02" - WRTCHAIN ROOT FDB LOCK FLAG.
		.... ...1... ..		FDBSRV2	"X'01" - RESERVED.
8	(8)	BITSTRING	1	FDBSPFL1	- FLAGS FOR SPOOL DATA MGMT

Comment

 DEFINITION OF FDBSPFL1: SINGLE- & MULTIPLE-RECORD FILES

End of Comment

		1... ..		FDBONSP	"X'80" - FDB CONTAINS A SPOOL ADDRESS
		.1... ..		FDBIOIP	"X'40" - I/O IN-PROGRESS INDICATOR
		..1... ..		FDBCSBTR	"X'20" CSBT USED TO READ CH. SRF 0440
		...1... ..		FDBCSBTW	"X'10" USE CSBT TO WRITE CHAINED SRF
		.... 1... ..		FDBCSBTL	"X'08" USE CSBT TO RELEASE CHAINED SRF
		.... .1... ..		FDBCSBTJ	"X'04" USE CSBT FOR THIS JESREAD 0440
9	(9)	BITSTRING	1	FDBFLGR2	- RESERVED FOR SERVICE
10	(A)	SIGNED	2	FDBRSVD1	- RESERVED FOR DEVELOPMENT
12	(C)	BITSTRING	1	FDBSREND (0)	END OF SINGLE REC FILE FDB
12	(C)	X'C'	0	FDBSRFL	"FDBSREND-FDBSTART" LENGTH OF AN SRF FDB
12	(C)	SIGNED	2	FDBFREND (0)	END OF FDB FROZEN SECTION

Comment

 WARNING

THE OFFSETS BETWEEN FDBSTART AND FDBFREND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON SOME JES3 MODULES.

 END OF SINGLE RECORD FILE FDB

 THE FOLLOWING FIELDS ARE FOR MULTI-RECORD FILE FDBS
 (EXISTS IF THE FLAG FDBMULT IS ON IN FDBFLAGS)

End of Comment

12	(C)	BITSTRING	1	FDBFLAG1	- FLAGS FOR MULTIPLE RECORD FILES.
----	-----	-----------	---	----------	------------------------------------

IATYFDB Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Comment					
----- DEFINITION OF FDBFLAG1: MULTIPLE-RECORD FILES -----					
----- End of Comment					
		1... ..		FDBOCLSE	"X'80" - CLOSE OF FILE INITIATED.
		.1.		FDBFDATA	"X'40" - FIRST DATA BUFFER FLAG.
		..1.		FBDATCH	"X'20" - DATA BUFFER CHAIN FLAG.
		...1		FDBSPLIT	"X'10" - DATA IS SPLIT BETWEEN TWO BUFFERS.
		.... 1..		FDBEND	"X'08" - FILE IS BEING OPENED AT ITS END.
		.... .1..		FDBPOINT	"X'04" - POINT IS IN PROGRESS.
		.... ..1.		FDBF102	"X'02" - Reserved for IBM
		.... ...1		FDBPNTIN	"X'01" - APOINT HAS TYPE=IN AS PARAMETER.
13	(D)	BITSTRING	1	FDBFLAG2	- FLAGS FOR MULTIPLE RECORD FILES.
----- Comment					
----- DEFINITION OF FDBFLAG2: MULTIPLE-RECORD FILES -----					
----- End of Comment					
		1... ..		FDBLSTIO	"X'80" - SET LAST I/O REQUEST STARTED.
		.1.		FDBALLIO	"X'40" - SET WHEN LAST DATA BUFFER WRITTEN.
		..1.		FDBLOCAT	"X'20" - SET WHEN AN ALOCATE IS DONE.
		...1		FDBNDATA	"X'10" ON = NO DATA IN FILE
		.... 1..		FDBODEOD	"X'08" RECOVER FROM NO EOD ON OPEN
		.... .1..		FDBSKIP	"X'04" SKIP RECORD IF READ I/O ERROR
		.... ..1.		FDBMAC	"X'02" MACHINE CARRIAGE CONTROL
		.... ...1		FDBASA	"X'01" ASA CARRIAGE CONTROL FOR DS
14	(E)	BITSTRING	1	FDBFLAG3	- FLAGS FOR MULTI-RECORD FILES
----- Comment					
----- DEFINITION OF FDBFLAG3: MULTIPLE-RECORD FILES -----					
----- End of Comment					
		1... ..		FDBOPTCD	"X'80" - OPTCD = J SPECIFIED
		.1.		FDBIOCNG	"X'40" - I/O COUNT ERROR DETECTED
		..1.		FDBTMSTP	"X'20" - DATCCX includes time stamp 12190S5A
15	(F)	BITSTRING	1	FDBFLGR4	- RESERVED FOR SERVICE
16	(10)	BITSTRING	1	FDBIOCNT	- NUMBER OF I/O REQUESTS OUTSTANDING.
17	(11)	BITSTRING	1	FDBERCNT	- NUMBER OF I/O ERRORS NOT CORRECTED.
18	(12)	SIGNED	2	FDBRL	- ROOM LEFT IN DATA BUFFER.
20	(14)	SIGNED	4	FDBBPTR	- CURRENT BUFFER POINTER.
24	(18)	BITSTRING	6	FDBOPEND (0)	- SPOOL ADR OF LAST DATA BUFFER
24	(18)	BITSTRING	2	FDBMODN2	- MOD NO OF LAST SPOOL EXTENT
26	(1A)	BITSTRING	4	FDBRECN2	- REC NO OF LAST SPOOL DATA
30	(1E)	SIGNED	2	FDBRSFLD	RESERVED FOR DEVELOPMENT
----- Comment					
----- END OF MULTI-RECORD FILE FDB -----					
----- End of Comment					
32	(20)	BITSTRING	1	FDBMREND (0)	END OF MULTI-RECORD FILE FDB
32	(20)	X'20'	0	FDBMRFL	"FDBMREND-FDBSTART" LENGTH OF AN MRF FDB

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

JOB/DATASET TAT FDB EXTENSION (EXISTS IF THE FLAG FDBJBTAT IS ON IN FDBFLAG0)					

End of Comment					
12	(C)	SIGNED	4	FDBJBTEX (0)	START OF TAT FDB EXTENSION
Comment					

RETURN PARAMETERS FROM TRACK GROUP ALLOCATION					

End of Comment					
12	(C)	SIGNED	2	FDBRECCT	- NUMBER OF AVAILABLE RECORDS
14	(E)	BITSTRING	6	FDBJTSPA (0)	- AVAILABLE RECORD ADDRESS
14	(E)	BITSTRING	2	FDBJTSPM	- MODULE NUMBER
16	(10)	BITSTRING	4	FDBJTSPR	- RECORD NUMBER
Comment					

End of Comment					
20	(14)	SIGNED	4	FDBVALID	- VALIDATION FIELD FOR FILE
24	(18)	SIGNED	2	FDBSPNDX	- JOB'S SPOOL PARTITION INDEX
26	(1A)	BITSTRING	1	FDBJTFLG	- JOB/DATASET TAT STATUS FLAGS
Comment					

DEFINITION OF FDBJTFLG: JOB/DATASET TAT STATUS FLAGS					

End of Comment					
		1... ..		FDBJTBIT	"X'80" - TRACK ALLOCATION SUSPENDED
		.1.. ..		FBDSTAT	"X'40" - DATA SET TAT
		..1.		FDBJIOER	"X'20" - IOERR POST REQUIRED
		...1		FDBRRERQ	"X'10" - JSAM POST REQUIRED (RRE ALLOC)
		.... 1...		FDBJTOFL	"X'08" - JSAM POST REQUIRED (JBT OVFLW)
		.... .1..		FDBRABDU	"X'04" - FDB IN USE FOR RAB DESTROY
		.... ..1.		FDBJTERR	"X'02" - RAB REFRESH ERROR
27	(1B)	BITSTRING	1	FDBJTRSV	- RESERVED FOR DEVELOPMENT
Comment					

END OF THE TAT FDB EXTENSION					

End of Comment					
28	(1C)	BITSTRING	1	FDBJTEND (0)	END OF THE JBT FDB EXTENSION
28	(1C)	X'10'	0	FDBJBTXL	"FDBJTEND-FDBJBTEX" LENGTH OF JBT FDB EXTENSION
28	(1C)	X'1C'	0	FDBJBTL	"FDBSRFL+FDBJBTXL" LENGTH OF A TAT FDB

IATYFDB Cross Reference

IATYFDB Cross Reference

Name

FDBALLIO
FDBASA
FDBBPTR
FDBCHKPT
FDBCLOSE
FDBCSBTJ
FDBCSBTL
FDBCSBTR
FDBCSBTW
FBDATA
FBDATCH
FBDKFRR
FBDSTAT
FDBECF
FDBEND
FDBERCNT
FDBERFLG
FDBERROR
FDBFCTPM
FDBFDATA
FDBFLAGS
FDBFLAG0
FDBFLAG1
FDBFLAG2
FDBFLAG3
FDBFLGR2
FDBFLGR4
FDBFREND
FDBFORS1
FDBF102
FDBINPUT
FDBIOCNG
FDBIOCNT
FDBIOERR
FDBIOIP
FDBJBTAT
FDBJBTER
FDBJBTEX
FDBJBTL
FDBJBTXL
FDBJIOER
FDBJTBIT
FDBJTEND
FDBJTERR
FDBJTFLG
FDBJTOFL
FDBJTRSV
FDBJTSPA
FDBJTSPM
FDBJTSPR
FDBLOCAT
FDBLSTIO
FDBMAC
FDBMNTAT
FDBMODN2

Name

FDBMREND
FDBMRFL
FDBMULT
FDBNDATA
FDBNOADR

FDBNOPUT
FDBOCLSE
FDBODEOD
FDBOLD
FDBONSP

FDBOPEN
FDBOPTCD
FDBPNTIN
FDBPOINT
FDBPRTY

FDBRABDU
FDBRECCT
FDBRECN2
FDBRECOV
FDBRL

FDBROTER
FDBRRERQ
FDBRSFLD
FDBRSVD1
FDBSKIP

FDBSPADR
FDBSPFL1
FDBSPLIT
FDBSPMOD
FDBSPNDX

FDBSPREC
FDBSREND
FDBSRFL
FDBSRV1
FDBSRV2

FDBSTART
FDBTAERR
FDBTMSTP
FDBVALID
FDBWCHLK

IATYFDD Information

IATYFDD Heading Information

Common Name: DEFINITION OF A FILE DIRECTORY ENTRY.
Macro ID: IATYFDD
DSECT Name: FDSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: FD *0008
 Offset: 0 *0008
 Length: 4 *0008
Storage Attributes: Main Storage: SUBPOOL 0
 Auxiliary Storage: N/A
 Subpool: JESPOOL *0008
 Key: 1 *0008
Size: 44 Bytes
Created by: IATINIO
Pointed to by: AIOFDTOP in IATYTVT *0008
 FDNEXT in IATYFDD *0008
 FDPREV in IATYFDD *0008
Serialization: None
Function: File directory entry. Defines an entry in a queue of FDB pointers, organized by FCT priority, reflecting current JSAM I/O requirements.

IATYFDD Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	FDSTART	
0	(0)	CHARACTER	4	FDID	Control block id 0008
4	(4)	SIGNED	4	FDNEXT	Next entry pointer 0008
8	(8)	SIGNED	4	FDPREV	Previous entry pointer 0008
12	(C)	SIGNED	4	FDADB	- FDB ADDRESS OF OPEN FILE.
16	(10)	SIGNED	4	FDJTFDB	- FDB ADDRESS OF JBTAT FDB(OUTPUT).
20	(14)	SIGNED	4	FDFACTADD	- FCT ADDRESS OF THIS ENTRY.
24	(18)	SIGNED	4	FDVALID	VALID ON INPUT FILES
28	(1C)	SIGNED	4	FDDMCLST	LAST DMC ADDR FOR WRTCHAIN REQ
32	(20)	SIGNED	4	FDDMCFST	FIRST DMC ADDR FOR WRTCHAIN REQ
36	(24)	SIGNED	4	FDPENDIO	NO. OF I/O'S PENDING
40	(28)	SIGNED	4	FDJOBNO	Job/DSP number provided for the TAT (DSP number has the high-order bit set)
44	(2C)	SIGNED	2	FDNEWREC	NUMBER OF NEW RECS FOR WRTCHAIN
46	(2E)	BITSTRING	1	FDPRTY	PRIORITY (BITS 0-3).
47	(2F)	BITSTRING	1	FDFLAGS	FLAG BYTE.

Comment

DEFINITION OF FDFLAGS

End of Comment

		1... ..		FDNOBUF	"X'80" - NO BUFFERS AVAILABLE.
		.1.		FDJBTIO	"X'40" - JOB TAT I/O IN PROGRESS.
		..1.		FDWRTSDI	"X'20" WRTCHAIN SDI error
		...1		FDNOJBCK	"X'10" Job number not yet provided, don't check on JBT write
		.... 1...		FDIOREQ	"X'08" - I/O IS REQUIRED ON THIS FILE.
		.... .1..		FDSNGFLE	"X'04" - FD ENTRY IS A SINGLE RECORD FILE.
		.... ..1.		FDNOTRKS	"X'02" - NO TRACKS AVAILABLE FOR I/O.
		.... ...1		FDTATCPT	"X'01" - TAT BEING CHECKPOINTED.
48	(30)	BITSTRING	1	FDWRTBYT	WRTCHAIN FLAG BYTE

IATYFDD Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- DEFINITION OF FDWRTBYT -----					
End of Comment					
		1... ..		FDWRTCHN	"X'80" WRTCHAIN FD ENTRY
		.1.. ..		FDMODREC	"X'40" OLD RECORDS TO WRITE
		..1.		FDRECER	"X'20" RECOVERED ERROR(S) IN CHAIN
		...1		FDROOTER	"X'10" RECOVERED ERROR ON ROOT FDB
		.... 1..		FDURECR	"X'08" UNRECOVERABLE ERROR(S)
		.... .1..		FDERRGS	"X'04" ERROR REGS ARE SET
		.... ..1.		FDNOPUT	"X'02" PUTBUF=NO SPECIFIED
		.... ...1		FDERXSIW	"X'01" ONE OF THE IATXSIO'S ISSUED DURING A WRTCHAIN WITH CSBT HAD AN ERROR
49	(31)	BITSTRING	1	FDWRTPST	WRTCHAIN COMPLETION FLAG
Comment					
----- DEFINITION OF FDWRTPST -----					
End of Comment					
		1... ..		FDIOCOMP	"X'80" ALL I/O COMPLETE
		.1.. ..		FDIOERR	"X'40" I/O COUNT ERROR DETECTED
50	(32)	BITSTRING	1	FDCSBTFL	CSBT FLAG BYTE
Comment					
----- DEFINITION OF FDCSBTFL -----					
End of Comment					
		1... ..		FDCSBTRD	"X'80" USE CSBT TO READ CHAINED SRF
		.1.. ..		FDALLRDC	"X'40" ALL READS IN A CSBT-READ ARE COMPLETE
		..1.		FDCSBTWR	"X'20" WRTCHAIN USING CSBT
51	(33)	BITSTRING	1	FDCSBTER	CSBT-READ ERROR FLAG
Comment					
----- DEFINITION OF FDCSBTER -----					
End of Comment					
		1... ..		FDERXSIR	"X'80" ONE OF THE IATXSIO'S ISSUED DURING A CSBT-READ HAD AN ERROR
		.1.. ..		FDURECRD	"X'40" ONE OF THE BUFFERS IN THE CHAINED SRF HAD AN UNRECOVERABLE I/O ERROR DURING A CSBT-READ
52	(34)	BITSTRING	1	FDFLAGS2	Second flag byte
Comment					
----- Definition of FDFLAGS2 -----					
End of Comment					
		1... ..		FDRECOV	"X'80" Simulated recovered error
53	(35)	BITSTRING	1	FDDRSVDU	RESERVED FOR USER.

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
54	(36)	BITSTRING	1	FDDRSVDD (2)	RESERVED FOR DEVELOPMENT.
56	(38)	BITSTRING	1	FDFEND (0)	- END OF FD ENTRY.
56	(38)	BITSTRING	1	FDFSIZE (0)	- SIZE OF AN FD ENTRY.

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	FDCNTRL	0008
0	(0)	CHARACTER	8	FDCEYE	Eyecatcher 0008
8	(8)	SIGNED	4	FDCFDCPB	FD cellpool control block 0008 address 0008

Comment

----- 0
 The following equates are used in the cellpool 0
 creation. 0
 ----- 0

End of Comment

8	(8)	X'1F4'	0	FDCPRICL	"500" Number of cells in the 0008 primary extent 0008
8	(8)	X'1F4'	0	FDCSECCL	"500" Number of cells in the 0008 secondary extent 0008
8	(8)	X'FA'	0	FDCRSVCL	"250" Number of reserved cells 0008
8	(8)	X'13'	0	FDCMAXET	"19" Number of secondary extents 0008

Comment

----- 0
 The following equates are stored in the adjacent 0
 set of fields by IATINIO. The values are used for 0
 operator notification of possible FD overallocations. 0
 ----- 0

End of Comment

8	(8)	X'2710'	0	FDCMXPCE	"FDCSECCL*FDCMAXET+FDCPRICL" Maximum number of 0008 cells 0008
8	(8)	X'1D4C'	0	FDC75PCE	"FDCMXPCE/100*75" 75% of max. 0008
8	(8)	X'1F40'	0	FDC80PCE	"FDCMXPCE/100*80" 80% of max. 0008
8	(8)	X'2134'	0	FDC85PCE	"FDCMXPCE/100*85" 85% of max. 0008
8	(8)	X'2328'	0	FDC90PCE	"FDCMXPCE/100*90" 90% of max. 0008
8	(8)	X'251C'	0	FDC95PCE	"FDCMXPCE/100*95" 95% of max. 0008
12	(C)	SIGNED	2	FDC75PCT	75% threshold 0008
14	(E)	SIGNED	2	FDC80PCT	80% threshold 0008
16	(10)	SIGNED	2	FDC85PCT	85% threshold 0008
18	(12)	SIGNED	2	FDC90PCT	90% threshold 0008
20	(14)	SIGNED	2	FDC95PCT	95% threshold 0008
22	(16)	SIGNED	2	FDCMXPCT	Maximum number of cells 0008
24	(18)	SIGNED	2	FDCLOPCT	Current lower acceptable 0008 limit before a new message 0008 is issued 0008
26	(1A)	SIGNED	2	FDCHIPCT	Current higher acceptable 0008 limit 0008
28	(1C)	SIGNED	2	FDCRESVD	Reserved for IBM 0008
32	(20)	SIGNED	4	FDCDOMID	DOM id for message IAT1105 0008
36	(24)	SIGNED	4	FDCXUPSV (15)	Register save area for 0008 FDCXUPMS routine 0008
96	(60)	SIGNED	4	FDCXDNSV (15)	Register save area for 0008 FDCXDNMS routine 0008
156	(9C)	SIGNED	4	FDCWTOSV (15)	Register save area for 0008 FDCWTO routine 0008

IATYFDD Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- 0					
The following fields keep track of the highest 0 usage FCTs. Each field contains 0					
- The FCT address 0					
- FD entry count 0					
Each entry is mapped by the FDCOUNT DSECT below. 0					
----- 0					
End of Comment					
216	(D8)	BITSTRING	8	FDCFCT1	Highest FD usage FCT 0008
224	(E0)	BITSTRING	8	FDCFCT2	2nd highest FD usage FCT 0008
232	(E8)	BITSTRING	1	FDCFCT3	3rd highest FD usage FCT 0008
232	(E8)	X'F0'	0	FDCTSIZE	**-FDCNTRL" Control block size 0008

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	FDCOUNT	0008
0	(0)	DBL WORD	8	FDCFCT (0)	Define both fields below 0008
0	(0)	SIGNED	4	FDCTFCT	FCT address 0008
4	(4)	SIGNED	4	FDCTUSE	FD use count 0008
8	(8)	BITSTRING	1	FDCTEND (0)	End of entry 0008

IATYFDD Cross Reference

Name

FDALLRDC
 FDCDOMID
 FDCEYE
 FDCFCT
 FDCFCT1
 FDCFCT2
 FDCFCT3
 FDCFDCPB
 FDCHIPCT
 FDCLOPCT
 FDCMAXET
 FDCMXPCE
 FDCMXPCT
 FDCNTRL
 FDCOUNT
 FDCPRICL
 FDCRESVD
 FDCRSVCL
 FDCSBTER
 FDCSBTFL
 FDCSBTRD
 FDCSBTWR
 FDCSECCL
 FDCTEND
 FDCTFCT
 FDCTSIZE
 FDCTUSE
 FDCWTOSV
 FDCXDNSV
 FDCXUPSV

Name

FDC75PCE
FDC75PCT
FDC80PCE
FDC80PCT
FDC85PCE

FDC85PCT
FDC90PCE
FDC90PCT
FDC95PCE
FDC95PCT

FDDMCFST
FDDMCLST
FDDRSVDD
FDDRSVDU
FDERRGS

FDERXSIR
FDERXSIW
FDFCTADD
FDFDB
FDFEND

FDFLAGS
FDFLAGS2
FDFSIZ
FDID
FDIOCOMP

FDIOERR
FDIOREQ
FDJBTIO
FDJOBNO
FDJTADB

FDMODREC
FDNEWREC
FDNEXT
FDNOBUF
FDNOJBCK

FDNOPUT
FDNOTRKS
FDPENDIO
FDPREV
FDPRTY

FDRECER
FDRECOV
FDROOTER
FDSNGFLE
FDSTART

FDTATCPT
FDURECR
FDURECRD
FDVALID
FDWRTBYT

FDWRTCHN
FDWRTPST
FDWRTSDI

IATYFRP Information

IATYFRP Programming Interface information

Programming Interface information

IATYFRP

End of Programming Interface information

Heading Information • IATYFRP Map

IATYFRP Heading Information

Common Name: FORMAT REQUIREMENT PARAMETER CONTROL BLOCK
Macro ID: IATYFRP
DSECT Name: FRPSTART FRPENTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: FRP
 Offset: 8
 Length: 4
Storage Attributes: Main Storage: JSAM buffer
 Auxiliary Storage: JES3 spool data set
 Subpool: 230, 241
 Key: IATISFR
 Residency: Any
Size: FRPFSIZE (FRPSTART)
 FRPVSIZE (FRPENTRY)
Created by: IATISFR AND IATNTSF
Pointed to by: JDABOSFD IN IATYJDA
 NDFFRPFD IN IATYNFD
Serialization: NONE
Function: CONTAINS OUTPUT INFORMATION ON THE
 /*FORMAT JCL STATEMENT ASSOCIATED
 WITH A JOB OR ON THE DATASET HEADER
 ASSOCIATED WITH A STORE AND FORWARD
 SYSOUT.

IATYFRP Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	FRPSTART	
0	(0)	BITSTRING	6	FRPTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	FRPCNT	USER COUNT.
8	(8)	CHARACTER	4	FRPID	FILE ID.
12	(C)	BITSTRING	12	FRPCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	FRPVLD	Validation field = DATVALID
28	(1C)	SIGNED	4	FRPDATA (0)	START OF USER DATA AREA.
28	(1C)	SIGNED	2	FRPFIXL	- LENGTH OF FIXED AREA
30	(1E)	SIGNED	2	FRPFRSV	RESERVED 0509
32	(20)	BITSTRING	1	FRPFEND (0)	- END OF FIXED AREA, START OF VAR AREA
32	(20)	BITSTRING	1	FRPFSIZE (0)	SIZE OF FIXED AREA

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	FRPENTRY	
0	(0)	CHARACTER	8	FRPDEST	- DATA SET DESTINATION NAME
8	(8)	CHARACTER	8	FRPRTYPE	- DATASET DESTINATION DEVICE TYPE
16	(10)	CHARACTER	8	FRPFORMS	- PRINTER/PUNCH FORMS REQUIRED
24	(18)	CHARACTER	8	FRPCARR	- PRINTER CARRIAGE TAPE REQUIRED
32	(20)	CHARACTER	8	FRPTRAIN	- PRINTER TRAIN REQUIRED
40	(28)	CHARACTER	8	FRPUSER	- USERID FOR TSO OUTPUT
48	(30)	CHARACTER	8	FRPTDEST	DEST FOR TSO OUTPUT
56	(38)	CHARACTER	1	FRPCONTL	- PRINTER CONTROL INFORMATION

Comment

 DEFINITION OF FRPCONTL

End of Comment

1... ..	FRPOVFL	"X'80" - OVERFLOW ON CH. 12
.1..	FRPINT	"X'40" - PUNCH IS TO BE INTERPRETED
..1.	FRPHOLD	"X'20" - HOLD DS AFTER TSO OUTPUT
...1	FRPTSOPR	"X'10" PRINT DS AFTER TSO OUTPUT
.... ..1.	FRPSPC2	"X'02" - DOUBLE SPACE OUTPUT

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... ...1		FRPSPC1	"X'01" - SINGLE SPACE OUTPUT
57	(39)	CHARACTER	1	FRPCOPY	- NUMBER OF PRINT/PUNCH COPIES
58	(3A)	CHARACTER	8	FRPCOPYS	COPY DISTRIBUTION
66	(42)	CHARACTER	1	FRPFLAG1	- DATA SET DEPENDENT FLAGS

Comment

 DEFINITION OF FRPFLAG1

DEFINED THE SAME AS JDSFLG1 IN MACRO IATYJDS

End of Comment

66	(42)	X'80'	0	FRPPRINT	"JDSPRINT" PRINT TYPE FRP
66	(42)	X'40'	0	FRPPUNCH	"JDSPUNCH" PUNCH TYPE FRP
66	(42)	X'0'	0	FRPTSO	"JDSTSO" TSO TYPE FRP
66	(42)	X'8'	0	FRPUSER1	"JDSUSER1" USER1 TYPE FRP
66	(42)	X'4'	0	FRPUSER2	"JDSUSER2" USER2 TYPE FRP
67	(43)	CHARACTER	1	FRPFLAG2	- DATA SET DEPENDENT FLAGS

Comment

 DEFINITION OF FRPFLAG2

End of Comment

		1...		FRPDEFLT	"X'80" - THIS IS A DEFAULT OVERRIDE
		.1..		FRPCOPYV	"X'40" - COPY FIELD IS VALID
		..1.		FRPOVFLV	"X'20" - OVFL BIT IS VALID
		...1		FRPINTV	"X'10" - INT BIT IS VALID
		.... 1...		FRPHOLDV	"X'08" - HOLD BIT IS VALID
		.... .1..		FRPSPCV	"X'04" - SPACE BITS ARE VALID
		.... ..1.		FRPPROC	"X'02" - DDNAME IS QUALIFIED BY PROC
		.... ...1		FRPSTEP	"X'01" - DDNAME IS QUALIFIED BY STEP
68	(44)	SIGNED	2	FRPVARL	- SIZE OF THIS VARIABLE ENTRY
70	(46)	BITSTRING	1	FRPPRTY	- DATA SET PRIORITY
71	(47)	BITSTRING	1	FRPFLAG3	- DATA SET DEPENDENT FLAGS

Comment

 DEFINITION OF FRPFLAG3

End of Comment

		1...		FRPPRTYV	"X'80" - PRTY FIELD IS VALID
		.1..		FRPFCBV	"X'40" - FRPCARR CONTAINS FCB NAME
		..1.		FRPCPYSV	"X'20" FRPCOPYS FIELD IS VALID
		...1		FRPFLCNV	"X'10" FRPFLCNT FIELD IS VALID
		.... 1...		FRPTRVAL	"X'08" FRPTRESH FIELD IS VALID
71	(47)	X'47'	0	FRPCHTP	"FRPFLAG3" CHAIN SIZE FLAG
		.... .1..		FRPDSET	"X'04" CHAIN SIZE IS A DATASET
		.... ..1.		FRPCHNV	"X'02" CHAIN SIZE WAS SPECIFIED ON FORMAT
					CONTROL CARD
72	(48)	CHARACTER	4	FRPCHARS (4)	TRANSLATE TABLE IDS
88	(58)	CHARACTER	4	FRPFLASH	FORMS FLASH ID
92	(5C)	CHARACTER	4	FRPMODID	COPY MODIFICATION ID
96	(60)	BITSTRING	1	FRPFLCNT	FLASH COUNT
97	(61)	CHARACTER	1	FRPMODRC	COPY MOD REFERENCE CHAR
98	(62)	CHARACTER	1	FRPSTACK	STACKER REQUIRED
99	(63)	BITSTRING	1	FRPDSHNO	Dataset header index
100	(64)	CHARACTER	8	FRPCTABN	COMPACTION TABLE NAME
108	(6C)	BITSTRING	2	FRPCHNSZ (0)	CHAIN SIZE BYTES
108	(6C)	BITSTRING	1	FRPPGNUM	NUM OF PAGES IN SNA CHAIN

IATYFRP Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
109	(6D)	BITSTRING	1	FRPPGSZ	NUM OF LOGICAL RECORDS IN
Comment					
A PAGE IF DATA SET DOES NOT HAVE CHARIAGE CONTROL					
End of Comment					
110	(6E)	SIGNED	2	FRPERSV2	RESERVED 0509
112	(70)	CHARACTER	24	FRPPRCNM (0)	- FULLY QUALIFIED NAME
112	(70)	CHARACTER	16	FRPSTPNM (0)	- HALF QUALIFIED NAME
112	(70)	CHARACTER	8	FRPDDNAM (0)	- NON QUALIFIED NAME
112	(70)	CHARACTER	24	FRPDSNAM	- 24 BYTES FOR NAME
136	(88)	BITSTRING	4	FRPTHRES	DATASET THRESHOLD COUNT
140	(8C)	CHARACTER	8	FRPDEST2	Secondary destination for output
148	(94)	CHARACTER	8	FRPRMTWR	External writer name for remote node
156	(9C)	BITSTRING	1	FRPVEND (0)	- END OF FRP VARIABLE ENTRY AREA
156	(9C)	BITSTRING	1	FRPVSIZ (0)	SIZE OF STANDARD VARIABLE ENTRY

IATYFRP Cross Reference

Name

FRPCARR
FRPCHARS
FRPCHN
FRPCHNSZ
FRPCHNV
FRPCHTP
FRPCNT
FRPCNTL
FRPCOPY
FRPCOPYV
FRPCOPYV
FRPCOPYV
FRPCOPYV
FRPCTABN
FRPDATA
FRPDDNAM
FRPDEFLT
FRPDEST
FRPDEST2
FRPDSET
FRPDSHNO
FRPDSNAM
FRPENTRY
FRPERSV2
FRPFCBV
FRPFEND
FRPFIXL
FRPFLAG1
FRPFLAG2
FRPFLAG3
FRPFLASH
FRPFLCNT
FRPFLCNV
FRPFORMS
FRPFRSV
FRPF SIZE
FRPHOLD
FRPHOLDV
FRPID
FRPINT
FRPINTV

Name

FRPMODID
FRPMODRC
FRPOVFL
FRPOVFLV
FRPPGNUM

FRPPGSZ
FRPPRCNM
FRPPRINT
FRPPROC
FRPPRTY

FRPPRTYV
FRPPUNCH
FRPRMTWR
FRSPCV
FRSPC1

FRSPC2
FRPSTACK
FRPSTART
FRPSTEP
FRPSTPNM

FRPTDEST
FRPTHRES
FRPTRAIN
FRPTRK
FRPTRVAL

FRPTSO
FRPTSOPR
FRPTYPE
FRPUSER
FRPUSER1

FRPUSER2
FRPVARL
FRPVEND
FRPVLID
FRPVSIZE

IATYFSA Information

IATYFSA Programming Interface information

Programming Interface information

IATYFSA

End of Programming Interface information

Heading Information • IATYFSA Map

IATYFSA Heading Information

Common Name: FUNCTIONAL SUBSYSTEM APPLICATION TABLE
Macro ID: IATYFSA
DSECT Name: FSASTART, IATYCNDDB
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: FSA (FSASTART), CNDB (IATYCNDDB)
 Offset: 0 (FSA), 4 (CNDB)
 Length: 4 (FSA), 4 (CNDB)
Storage Attributes: Main Storage: JESPOOL (JES3 PRIVATE AREA)
 Auxiliary Storage: N/A
Size: FSASTART - FSALEN
 IATYCNDDB - CNDBLEN
Created by: IATINFS during JES3 global initialization
Pointed to by: IATYFSS field FSSFSAPT
 IATYFSA field FSACHAIN
Serialization: None
Function: Contains information needed by the JES3 global processor about a functional subsystem application.

IATYFSA Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	FSASTART	FUNCTIONAL SUBSYSTEM APPLICATION TABLE
0	(0)	CHARACTER	4	FSAID	CONTROL BLOCK ID
4	(4)	ADDRESS	4	FSACHAIN	ADDRESS OF NEXT FSA TABLE
8	(8)	SIGNED	4	FSAFSID (0)	FUNCTIONAL SUBSYSTEM ID
8	(8)	SIGNED	2	FSAFSSID	FSS PORTION OF FSID
10	(A)	SIGNED	2	FSAFSAID	FSA PORTION OF FSID
12	(C)	ADDRESS	4	FSAFCTPT	ADDRESS OF OWNING FCT
16	(10)	ADDRESS	4	FSAFSSPT	ADDRESS OF OWNING FSS
20	(14)	ADDRESS	4	FSASUPPT	ADDRESS OF SUPUNIT FOR ASSIGNED DEVICE
24	(18)	CHARACTER	8	FSAJNAME	JNAME OF DEVICE ASSIGNED TO FSA
32	(20)	ADDRESS	4	FSAECFPT	ADDRESS OF ECF TO POST WHEN A STATUS CHANGE IN THE FSS AFFECTS THE FSA
36	(24)	BITSTRING	1	FSAECFMK	ECF MASK TO BE USED FOR THE FSA STATUS CHANGE POST
37	(25)	BITSTRING	1	FSATMRSN	REASON FOR FSA DSP TO TERM.
38	(26)	BITSTRING	1	FSAIFLG1	In-storage flag one (i.e. not checkpointed)

Comment

 Definition of FSAIFLG1

End of Comment

		1... ..		FSAFNDFC	"X'80" The FSA was found in the FSA FSS/FSA checkpoint during a hot start with refresh
		.1.. ..		FSARSTCK	"X'40" Information was restored from the FCK during a hot start or hot start with refresh
		..1.		FSARI120	"X'20" Reserved flag
		...1		FSARI110	"X'10" Reserved flag
		.... 1...		FSARI108	"X'08" Reserved flag
		.... .1..		FSARI104	"X'04" Reserved flag
		.... ..1.		FSARI102	"X'02" Reserved flag
		.... ...1		FSARI101	"X'01" Reserved flag
39	(27)	BITSTRING	1	FSARSRVD	Reserved for development
40	(28)	ADDRESS	4	FSASTARA	ADDRESS OF STAGING AREA FROM FSS CONTROLLER DSP
44	(2C)	SIGNED	4	FSARSVD1 (2)	RESERVED FOR DEVELOPMENT
52	(34)	SIGNED	4	FSARSVD2 (2)	RESERVED FOR SERVICE
60	(3C)	SIGNED	4	FSARSVD3 (2)	RESERVED FOR USER

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
START OF CHECKPOINTED SECTION OF FSA TABLE					
End of Comment					
72	(48)	DBL WORD	8	FSACKST (0)	START OF CHECKPOINTED SECT
72	(48)	BITSTRING	1	FSAWSTAT	FSA WRITER STATUS FLAGS
Comment					
----- DEFINITION OF FSAWSTAT -----					
End of Comment					
		1... ..		FSAALLOC	"X'80" FSA IN USE BY WRITER
		.1.		FSADYWTR	"X'40" FSA IN USE BY DYNAMIC WRITER
		..1.		FSANOWRK	"X'20" FSA WRITER WAITING FOR WORK
		...1		FSAWTERM	"X'10" FSA WRITER TERMINATION IN PROGRESS
		.... 1...		FSAWCOMP	"X'08" FSA WRITER ACTIVITY COMPLETE
		.... .1..		FSAWPOST	"X'04" NEGATIVE RESPONSE TO GETDS SENT - FSI POST REQUIRED
73	(49)	.... .1. BITSTRING	1	FSASYNCR FSASTAT1	"X'02" SYNCH ORDER REQUIRED FOR FSA FSA/DEVICE START-UP STATUS
Comment					
----- DEFINITION OF FSASTAT1 -----					
End of Comment					
		1... ..		FSASTORD	"X'80" START FSA ORDER SENT
		.1.		FSACONN	"X'40" FSA-LEVEL CONNECT RECEIVED
		..1.		FSADSTRT	"X'20" START DEVICE ORDER SENT
		...1		FSADDEVST	"X'10" DEVICE STARTED RESP RECEIVED
		.... 1...		FSASFAL	"X'08" START FSA ORDER FAILED
74	(4A)	.... 1... BITSTRING	1	FSASTAT2	FSA/DEVICE SHUT-DOWN STATUS
Comment					
----- DEFINITION OF FSASTAT2 -----					
End of Comment					
		1... ..		FSASTOP	"X'80" STOP FSA ORDER SENT
		.1.		FSADCONN	"X'40" FSA-LEVEL DISCON RECEIVED
		..1.		FSADSTOP	"X'20" STOP DEVICE ORDER SENT
		...1		FSADDEVSP	"X'10" DEVICE STOPPED RESP RECEIVED
		.... 1...		FSAWTRFL	"X'08" FSA DSP FAILED AND DID NOT STOP THE FSA
75	(4B)	BITSTRING	1	FSAREQ	FSA STATUS POSTS REQUESTED FROM FSS CONTROLLER DSP
Comment					
----- DEFINITION OF FSAREQ -----					
End of Comment					
		1... ..		FSASTRT	"X'80" FSA START CAN NOW BE ISSUED
		.1.		FSATERM	"X'40" FSA DSP MUST TERMINATE

IATYFSA Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		..1.		FSASTARR	"X'20" PROCESS THE STAGING AREA POINTED TO BY FSASTARA
		...1		FSARSV10	"X'10" Reserved for IBM
		.... 1...		FSARETRY	"X'08" FSA DSP MAY RETRY TO START THE FSS AND FSA
		.... .1..		FSARSV04	"X'04" RESERVED FOR DEVELOPMENT
		.... ..1.		FSARSV02	"X'02" RESERVED FOR DEVELOPMENT
		.... ...1		FSARSV01	"X'01" RESERVED FOR DEVELOPMENT

Comment

```

IATYCND_1;
START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  5647-A01 COPYRIGHT IBM CORP. 1989, 2010
  STATUS= HJS7770
  END_OF_PROPRIETARY_STATEMENT
  This data area is maintained as a CASE mapping macro.
  Changes should be made to the CASE source and then
  the PLX and Assembler should be regenerated.
  Do NOT make changes to the PLX or Assembler directly!
01 Descriptive Name: Console Destination Block
  Acronym: CNDB
01 Macro Name: IATYCND_1
01 DSECT Name: IATYCND_1
  --based variable for storage mapping
01 Component: JES3 (SC1BA)
01 Function:
02 The console destination block is a control block that
  contains information related to the destination that
  messages should be sent to. This control block is built
  as commands are entered into to the system and is used by
  command processors as a destination for where to return
  messages to. The control block is imbedded in other
  control blocks and the size of the data area must not
  change (otherwise a JES3 cold start is required). The
  data is referenced by non-source maintained modules, so
  offsets into the data area must not change.
01 Eye-Catcher: CNDBEYE
02 Offset: 4
02 Length: 4
01 Language: PL/X
01 Storage Attributes:
02 Allocation Method: Imbedded within other control blocks
02 Main Storage: 94
02 Virtual Storage: 94

```

Offsets

Dec	Hex	Type/Value	Len	Name (Dim)	Description
02		Auxiliary Storage: 94			
02		Subpool: n/a			
02		Key: 1			
02		Data Space: N/A			
02		Residency: any			
02		Frequency: n/a			
02		Size: 94			
02		Created by: n/a			
02		Deleted by: n/a			
02		Pointed to by: Imbedded within other control blocks			
02		Serialization: none			
01		EXTERNAL CLASSIFICATION: DMTI			
01		END OF EXTERNAL CLASSIFICATION:			
01		Method Of access:			
02		ASM: IATYCNDDB			
02		PLX: %INCLUDE SYSLIB(IATYCNDDB)			
01		CHANGE ACTIVITY:			
		\$QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support			
		\$RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init			
		\$T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0			
		CASE/390 - VERSION 49			
		END OF SPECIFICATIONS			

%

					End of Comment
76	(4C)	SIGNED	4	FSACNDB (0)	IATYCNDDB.27: based variable for storage mapping
76	(4C)	SIGNED	4		Four byte console id 0176
80	(50)	CHARACTER	4		IATYCNDDB eyecatcher
84	(54)	ADDRESS	4		IATYCNDDB version
88	(58)	BITSTRING	8		Reserved for development
96	(60)	BITSTRING	8		Console Name 0176
104	(68)	BITSTRING	24		Reserved for development
128	(80)	SIGNED	2		Reserved for development
130	(82)	BITSTRING	40		Reserved for development FOR FSA RELATED MESSAGES 2

Comment

 THE FOLLOWING SECTION CONTAINS SUPUNIT-RELATED INFORMATION WHICH IS CHECKPOINTED WITH THE FSA.

					End of Comment
170	(AA)	CHARACTER	4	FSADEVAD	CURRENTLY-ASSIGNED DEVICE NUMBER (SUPDEVAD)
174	(AE)	BITSTRING	1	FSAFSLG	FSS DEVICE FLAG BYTE (SUPFSFLG)
175	(AF)	BITSTRING	1	FSAFSL2	FSS device flag byte 2 (SUPFSFL2)

IATYFSA Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
IATYCNDB_1::					
START OF SPECIFICATIONS					
01		PROPRIETARY STATEMENT=			
		PROPRIETARY_STATEMENT			
		LICENSED MATERIALS - PROPERTY OF IBM			
		5647-A01 COPYRIGHT IBM CORP. 1989, 2010			
		STATUS= HJS7770			
		END_OF_PROPRIETARY_STATEMENT			
		This data area is maintained as a CASE mapping macro.			
		Changes should be made to the CASE source and then			
		the PLX and Assembler should be regenerated.			
		Do NOT make changes to the PLX or Assembler directly!			
01		Descriptive Name: Console Destination Block			
		Acronym: CNDB			
01		Macro Name: IATYCNDB			
01		DSECT Name: IATYCNDB			
		--based variable for storage mapping			
01		Component: JES3 (SC1BA)			
01		Function:			
02		The console destination block is a control block that			
		contains information related to the destination that			
		messages should be sent to. This control block is built			
		as commands are entered into to the system and is used by			
		command processors as a destination for where to return			
		messages to. The control block is imbeded in other			
		control blocks and the size of the data area must not			
		change (otherwise a JES3 cold start is required). The			
		data is referenced by non-source maintained modules, so			
		offsets into the data area must not change.			
01		Eye-Catcher: CNDBEYE			
02		Offset: 4			
02		Length: 4			
01		Language: PL/X			
01		Storage Attributes:			
02		Allocation Method: Imbeded within other control blocks			
02		Main Storage: 94			
02		Virtual Storage: 94			
02		Auxiliary Storage: 94			
02		Subpool: n/a			
02		Key: 1			
02		Data Space: N/A			
02		Residency: any			
02		Frequency: n/a			
02		Size: 94			
02		Created by: n/a			
02		Deleted by: n/a			
02		Pointed to by: Imbeded within other control blocks			
02		Serialization: none			
01		EXTERNAL CLASSIFICATION: DMTI			
01		END OF EXTERNAL CLASSIFICATION:			
01		Method Of access:			
02		ASM: IATYCNDB			
02		PLX: %INCLUDE SYSLIB(IATYCNDB)			
01		CHANGE ACTIVITY:			
		\$QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support			
		\$RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init			
		\$T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0			
		CASE/390 - VERSION 49			
		END OF SPECIFICATIONS			
		%			
End of Comment					

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
176	(B0)	SIGNED	4	FSACNDB2 (0)	IATYCNDDB.27: based variable for storage mapping
176	(B0)	SIGNED	4		Four byte console id 0176
180	(B4)	CHARACTER	4		IATYCNDDB eyecatcher
184	(B8)	ADDRESS	4		IATYCNDDB version
188	(BC)	BITSTRING	8		Reserved for development
196	(C4)	BITSTRING	8		Console Name 0176
204	(CC)	BITSTRING	24		Reserved for development
228	(E4)	SIGNED	2		Reserved for development
230	(E6)	BITSTRING	40		Reserved for development
270	(10E)	BITSTRING	1	FSAFLAG1	FLAG BYTE 1 (SUPFLAG1) - SUPOFFLN ONLY
271	(10F)	BITSTRING	1	FSAFLAG2	FLAG BYTE 2

Comment

 DEFINITION OF FSAFLAG2

End of Comment

1...	....	FSAOPROV	"X'80" NPRO HAS BEEN CHECKPOINTED
.1.	....	FSANNPRO	"X'40" NPRO=NO
..1.	....	FSACKPTP	"X'20" CHECKPOINT INTERVAL IN PAGES
...1	....	FSACKPTS	"X'10" CHECKPOINT INTERVAL IN SEC.
....	1...	FSANOSET	"X'08" IF ON, SUPPRESS THE SETUP MESSAGE (IAT7030)

Comment

 PRINTER FUNCTIONS THAT INVOLVE OPERATOR INTERVENTION.

End of Comment

272	(110)	BITSTRING	1	FSAOPRIN	VALUES FROM FSA CONNECT LIST
		1... ..		FSAOPRBT	"X'80" BTS INTRVNTN SUPT'ED
		.1.		FSAOPRFL	"X'40" FLASH INTRVNTN SUPT'ED
		..1.		FSAOPRFO	"X'20" FORMS INTRVNTN SUPT'ED
		...1		FSAOPRCF	"X'10" CONT FORMS INTRVNTN SUPT'ED
		.... 1...		FSAOPRR1	"X'08" RESERVED FOR DEVELOPMENT
		.... .1.		FSAOPRR2	"X'04" RESERVED FOR DEVELOPMENT
		.... ..1.		FSAOPRR3	"X'02" RESERVED FOR DEVELOPMENT
		.... ...1		FSAOPRR4	"X'01" RESERVED FOR DEVELOPMENT
273	(111)	BITSTRING	1	FSAFLAG3	OPTIONS SUPPORTED BY FSA

Comment

 DEFINITION OF FSAFLAG3

End of Comment

		1... ..		FSAMSGRT	"X'80" FSA SUPPORTS MSG ROUTING
274	(112)	SIGNED	2	FSACKPT1	CHECKPOINT INTERVAL
276	(114)	SIGNED	4	FSANPROI	NON PROCESS RUN OUT INTERVAL
280	(118)	SIGNED	4	FSARSVD5	RESERVED FOR SERVICE
284	(11C)	SIGNED	4	FSARSVD6	RESERVED FOR USER
288	(120)	DBL WORD	8	FSACKEND (0)	END OF CHECKPOINTED SECTION
288	(120)	X'D8'	0	FSACKLEN	"FSACKEND-FSACKST" LENGTH OF CHECKPOINTED SECT

Comment

 END OF CHECKPOINTED SECTION OF FSA TABLE

End of Comment

IATYFSA Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
288	(120)	DBL WORD	8	FSAEND (0)	END OF FSA TABLE ENTRY
288	(120)	X'120'	0	FSALEN	"FSAEND-FSASTART" LENGTH OF FSA TABLE ENTRY

IATYFSA Cross Reference

Name

FSAALLOC
FSACHAIN
FSACKEND
FSACKLEN
FSACKPTI
FSACKPTP
FSACKPTS
FSACKST
FSACNDB
FSACNDB2
FSACONN
FSADCONN
FSADEVAD
FSADEVSP
FSADEVST
FSADSTOP
FSADSTRT
FSADYWTR
FSAECFMK
FSAECFPT
FSAEND
FSAFCTPT
FSAFLAG1
FSAFLAG2
FSAFLAG3
FSAFNDFC
FSAFSAID
FSAFSFLG
FSAFSFL2
FSAFSID
FSAFSSID
FSAFSSPT
FSAID
FSAIFLG1
FSAJNAME
FSALEN
FSAMSGRT
FSANNPRO
FSANOSSET
FSANOWRK
FSANPROI
FSANPROV
FSAOPRBT
FSAOPRCF
FSAOPRFL
FSAOPRFO
FSAOPRIN
FSAOPRR1
FSAOPRR2
FSAOPRR3

Name

FSAOPRR4
FSAREQ
FSARETRY
FSARI101
FSARI102

FSARI104
FSARI108
FSARI110
FSARI120
FSARSRVD

FSARSTCK
FSARSVD1
FSARSVD2
FSARSVD3
FSARSVD5

FSARSVD6
FSARSV01
FSARSV02
FSARSV04
FSARSV10

FSASFAIL
FSASTARA
FSASTARR
FSASTART
FSASTAT1

FSASTAT2
FSASTOP
FSASTORD
FSASTRT
FSASUPPT

FSASYNCR
FSATERM
FSATMRSN
FSAWCOMP
FSAWPOST

FSAWSTAT
FSAWTERM
FSAWTRFL

IATYFSCB Information

IATYFSCB Programming Interface information

Programming Interface information

IATYFSCB

The following fields are **NOT** programming interface information:

- FSCBETXR
- FSCBFFSC
- FSCBFSVT
- FSCBJFSC
- FSCBXTRC

End of Programming Interface information

Heading Information • IATYFSCB Map

IATYFSCB Heading Information

Common Name: FSS/FSA COMMON CONTROL BLOCK
Macro ID: IATYFSCB
DSECT Name: FSCBSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: FSCB
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: SUBPOOL SPECIFIED BY FSCBCBSP
 Auxiliary Storage: N/A
 Key: KEY 1 (JESKEY)
 Residency: DEPENDENT UPON THE FSS LEVEL
Size: FSCBLEN
Created by: IATSICD DURING FSS OR FSA CONNECT
Pointed to by: IAZFSCT FIELD FSCTJES
Serialization: THE LOCAL LOCK MUST BE HELD WHILE
 MODIFYING THE CHAIN OF SRL'S ORIGINATING IN FSCBLSNQ.
Function: THIS IS THE PRIMARY JES3 CONTROL BLOCK
 IN AN FSS ADDRESS SPACE. THERE IS ONE
 FSCB FOR THE FSS, AND ONE FOR EACH FSA.

IATYFSCB Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	FSCBSTRT	, FSS/FSA COMMON CONTROL BLOCK
0	(0)	CHARACTER	4	FSCBID	CONTROL BLOCK ID
4	(4)	SIGNED	4	FSCBFSD (0)	FUNCTIONAL SUBSYSTEM ID
4	(4)	SIGNED	2	FSCBFSSI	FSS PORTION OF FSID
6	(6)	SIGNED	2	FSCBFSAI	FSA PORTION OF FSID
Comment					
----- THE FOLLOWING VALUE IS COPIED FROM THE CONNECT PARAMETER LIST. IT MUST BE PASSED TO THE FSI POST AND ORDER ROUTINES SUPPLIED BY THE FSS. -----					
End of Comment					
8	(8)	SIGNED	4	FSCBFDAT	CDFFDATA VALUE - PASSED TO POST AND ORDER
Comment					
----- FSCBDEST - GLOBAL DESTINATION QUEUE ID THIS FIELD MAY BE SET BY SUPPLYING A VALUE IN CONNECT PARAMETER LIST FIELD CDFTOKEN. THE DEFAULT DESTINATION IS DSTFSS, THE FSS DYNAMIC DESTINATION QUEUE. -----					
End of Comment					
12	(C)	BITSTRING	1	FSCBDEST	GLOBAL DESTINATION QUEUE ID
Comment					
----- DEFINITION OF FSCBFLG1 - FSS OR FSA STATUS FLAGS -----					
End of Comment					
13	(D)	BITSTRING	1	FSCBFLG1	FSS OR FSA STATUS FLAGS
		1... ..		FSCBCONN	"X'80" FSS OR FSA CONNECTED
		.1... ..		FSCBDCON	"X'40" FSS OR FSA DISCONNECT IN PROGRESS
		..1.		FSCBSPDC	"X'20" SPECIFIC DISCONNECT PROCESSING DONE

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		...1		FSCBSTOP	"X'10" STOP ORDER ISSUED FOR THIS FSS OR FSA; SET IN FCOR; ACCESSED IN SICD.
		.... 1...		FSCBJDET	"X'08" JESXCF DETACH HAS BEEN 0203 ATTEMPTED 0203
		.... .1..		FSCBTERM	"X'04" The associated FSS/FSA task has terminated

Comment

 DEFINITION OF FSCBTFLG - FSS OR FSA TRACE FLAGS

End of Comment					
14	(E)	BITSTRING	1	FSCBTFLG	FSS OR FSA TRACE FLAGS
		1...		FSCBORAC	"X'80" FSS OR FSA ORDER ROUTINE ACTIVE
		.1..		FSCBPTAC	"X'40" FSA POST ROUTINE ACTIVE

Comment

 DEFINITION OF FSCBLTFL - LISTEN TASK CONTROL FLAGS

End of Comment					
15	(F)	BITSTRING	1	FSCBLTFL	LISTEN TASK CONTROL FLAGS
		1...		FSCBLTAT	"X'80" LISTEN TASK ATTACHED
		.1..		FSCBLTIC	"X'40" LISTEN TASK INITIALIZATION COMPLETE
		..1.		FSCBLTTR	"X'20" LISTEN TASK TERMINATION REQUESTED
		...1		FSCBLTND	"X'10" LISTEN TASK ENDED
		.... 1...		FSCBLTDT	"X'08" LISTEN TASK DETACHED
		.... .1..		FSCBLTAB	"X'04" LISTEN TASK ABEND DUE TO NON-ZERO RETURN CODE FROM ORDER ROUTINE
16	(10)	.... .1. BITSTRING	1	FSCBLTCN FSCBFTYP	"X'02" LISTEN TASK CANCELLED FSS TYPE 0069

Comment

----- 0
 DEFINITION OF FSSTYPE 0
 ----- 0

End of Comment					
16	(10)	X'1'	0	FSCBWTR	"1" WTR FSS FOR AFP DEVICE 0069
16	(10)	X'2'	0	FSCBCI	"2" CI FSS FOR MVS CI,PRE-SCAN 0069

Comment

----- 0
 INFORMATION PASSED ON THE FSS CONNECT WHICH MUST 0
 REMAIN ON THE FSS LEVEL FOR CIFSSSES AND MUST BE 0
 TRANSFERED TO ANY AND ALL FSAS FOR WTR FSS. 0
 ----- 0

End of Comment					
17	(11)	BITSTRING	1	FSCBFLG2	FSS/FSS COMMON INFO 0108
		1...		FSCBAM31	"X'80" FSS RUNNING AMODE(31) 0108
18	(12)	BITSTRING	1	FSCBRSFL	RESERVED FOR DEVELOPMENT 0108

Comment

 DEFINITION OF FSCBMFLG - MESSAGE ROUTING FLAGS

End of Comment

IATYFSCB Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
19	(13)	BITSTRING	1	FSCBMFLG	FSS/FSA MESSAGE ROUTING FLAG
		1...		FSCBMSRS	"X'80" ROUTING CODE WAS SPECIFIED BY JES3
		.1...		FSCBMSCS	"X'40" CONSOLE ID WAS SPECIFIED BY JES3

Comment

 MESSAGE ROUTING CODE AND CONSOLE IDENTIFIER

End of Comment

20	(14)	BITSTRING	16	FSCBMSRC	MCS ROUTING CODE FOR FSS/FSA RELATED MESSAGES
36	(24)	ADDRESS	4	FSCBMSCI	CONSOLE ID FOR FSA RELATED MESSAGES
40	(28)	BITSTRING	16	FSCBMSR2	TEMP FIELD FOR FSA MESSAGES
56	(38)	BITSTRING	1	FSCBMFL2	TEMPORARY FLAG FOR FSA RELATED MESSAGE INDICATORS
56	(38)	X'15'	0	FSCBMTMP	**"FSCBMSCI" SIZE OF TEMP MSG INFO AREA
57	(39)	BITSTRING	3	FSCBRSF2	RESERVED FOR DEVELOPMENT

Comment

 FSS CONTROL BLOCK ADDRESSES AND LENGTHS

End of Comment

60	(3C)	ADDRESS	4	FSCBFSVT	ADDRESS OF THE FSVT
64	(40)	SIGNED	4	FSCBFSVL	LENGTH OF THE FSVT
68	(44)	ADDRESS	4	FSCBJFSC	ADDR OF FSCT FOR TARGET=JES
72	(48)	ADDRESS	4	FSCBFFSC	ADDR OF FSCT FOR TARGET=FSS
76	(4C)	SIGNED	4	FSCBFSCCL	LENGTH OF EACH FSCT
80	(50)	SIGNED	4	FSCBTOKN	START COMMAND TOKEN - MAXIMUM FSA COUNT FOR FSS
80	(50)	X'E6'	0	FSCBCBSP	"230" MAIN STORAGE SUBPOOL WHERE CONTROL BLOCKS RESIDE

Comment

 ADDRESSES OF OTHER JES3 CONTROL BLOCKS

End of Comment

84	(54)	ADDRESS	4	FSCBMEMH	ADDRESS OF MEMDATA HEADER
88	(58)	ADDRESS	4	FSCBSSVT	ADDRESS OF JES3 SSVT
92	(5C)	ADDRESS	4	FSCBFSBX	ADDRESS OF FSCB EXTENSION FOR WRITER FSA

Comment

 SERVICE ROUTINE ADDRESSES

End of Comment

96	(60)	ADDRESS	4	FSCBMSG	ADDRESS OF MESSAGE ROUTINE IATFCMS
100	(64)	ADDRESS	4	FSCBXTRC	ADDRESS OF TRACE ROUTINE IATFCTR (IATFCTX) 0163
104	(68)	ADDRESS	4	FSCBFCTR	ADDRESS OF TRACE ROUTINE 0163 IATFCTR 0163
108	(6C)	ADDRESS	4	FSCBETXR	ADDRESS OF COMMON END OF TASK EXIT ROUTINE IN IATSID

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
Comment						
----- 0						
FSS OR FSA (DEVICE) NAME AND ADDRESS OF TRACE 0						
CONTROL AREA. 0						
----- 0						
End of Comment						
112	(70)	ADDRESS	4	FSCBATRA	TRACE CONTROL AREA ADDRESS 0163	
116	(74)	CHARACTER	8	FSCBNAME	NAME OF FSS OR DEVICE NAME 0163 FOR FSA 0163	
Comment						

MODULE NAMES SUPPLIED BY JES3 GLOBAL FOR FUNCTION-						
SPECIFIC CONNECT AND DISCONNECT PROCESSING.						

End of Comment						
124	(7C)	CHARACTER	8	FSCBCNAM	FUNCTION-SPECIFIC CONNECT MODULE NAME	
132	(84)	CHARACTER	8	FSCBDNAM	FUNCTION-SPECIFIC DISCONNECT MODULE NAME	
Comment						

LISTEN TASK ECB'S AND CONTROL BLOCK ADDRESSES						

End of Comment						
140	(8C)	SIGNED	4	FSCBJXGT	JESXCF GROUPTOKEN	
144	(90)	BITSTRING	8	FSCBJXMT	JESXCF MESSAGE TOKEN	
152	(98)	SIGNED	4	FSCBLECB	LISTEN TASK PRIMARY ECB	
156	(9C)	SIGNED	4	FSCBOECB	ORDER INTERFACE ROUTINE ECB	
160	(A0)	SIGNED	4	FSCBLTIT	LISTEN TASK INIT/TERM COMPLETE ECB	
164	(A4)	ADDRESS	4	FSCBLTCB	LISTEN TASK TCB ADDRESS	
168	(A8)	SIGNED	4	FSCBDLEN	LENGTH OF DATA RECEIVED FROM JESXCF	
172	(AC)	ADDRESS	4	FSCBSRL	CURRENT SRL ADDRESS	
Comment						

LISTEN VECTOR TABLE						
THIS TABLE CONTAINS THE ADDRESSES OF THE FSI						
INTERFACE ROUTINES FOR JES-TO-FSS FUNCTIONS.						
THE FSI FUNCTION CODE IS AN INDEX INTO THE TABLE,						
WHICH IS EQUAL IN LENGTH TO THE FSCT ROUTINE						
ADDRESS SECTION.						

End of Comment						
176	(B0)	ADDRESS	4	FSCBLVT (0)	LISTEN VECTOR TABLE	
Comment						

SERVICE ENTRANCE LIST FOR LISTEN TASK USE						

End of Comment						
208	(D0)	BITSTRING	1	FSCBSEL	SEL FOR LISTEN TASK USE	

IATYFSCB Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Comment					
IATXGFM PARAMETER LIST FOR LISTEN TASK USE					

FSCBXGFM IATXGFM MF=L MODEL IATXGFM PARAMETER LIST					
\$H0=FSSCOMM HJS2329 840109 PD0JH: SP 1.3.4 3					
\$LN=SP134 HJS2329 831220 PD0TD: SP 1.3.4					
----- End of Comment					
320	(140)	SIGNED	4	FSCBXGFM (0)	ALIGN ON FULLWORD BOUNDARY
320	(140)	CHARACTER	2		MESSAGE ID
322	(142)	ADDRESS	1		CALLER
323	(143)	ADDRESS	1		ERRID
324	(144)	ADDRESS	4		FSCBAD
328	(148)	ADDRESS	4		FSDBAD
332	(14C)	ADDRESS	4		ERRTEXT
----- Comment					
UCB PIN information					

UCBLOOK MF=(L,FSCBLKPL)					
MACDATE -03/18/08-<3>					
----- End of Comment					
0	(0)	X'150'	0	M00M0003	"FSCBLKPL" ++ UCBLOOK NAME
336	(150)	DBL WORD	8	FSCBLKPL (0)	++ UCBLOOK PARM LIST
336	(150)	BITSTRING	1	FSCBLKPL_XVERSION	++ INPUT XVERSION
337	(151)	BITSTRING	1	FSCBLKPL_XSCHSET	++
338	(152)	BITSTRING	2	FSCBLKPL_XDEVN	++
340	(154)	CHARACTER	4	FSCBLKPL_XDEVNCHAR	++
344	(158)	CHARACTER	6	FSCBLKPL_XVOLSER	++
350	(15E)	BITSTRING	1	FSCBLKPL_XDEVCLASS	++ XDEVCLASS
350	(15E)	X'0'	0	FSCBLKPL_XDEVCLASS_DASDTAPE	"0" ++ XDEVCLASS.DASDTAPE KEYWORD
350	(15E)	X'1'	0	FSCBLKPL_XDEVCLASS_TAPE	"1" ++ XDEVCLASS.TAPE KEYWORD
350	(15E)	X'2'	0	FSCBLKPL_XDEVCLASS_DASD	"2" ++ XDEVCLASS.DASD KEYWORD
351	(15F)	BITSTRING	1	FSCBLKPL_XRESERVED2	++ FIELD_LABEL
		1... ..		FSCBLKPL_XNOTFIND_YES	"B'10000000" ++ XNOTFIND.YES KEYWORD
352	(160)	ADDRESS	4	FSCBLKPL_XUCBPTR	++
356	(164)	CHARACTER	5	FSCBLKPL_XCOMPID	++
361	(169)	BITSTRING	1	FSCBLKPL_XMASK	++ FIELD_LABEL
		1... ..		FSCBLKPL_XNONBASE_YES	"B'10000000" ++ XNONBASE.YES KEYWORD
		.1.. ..		FSCBLKPL_XDYNAMIC_NO	"B'01000000" ++ XDYNAMIC.NO KEYWORD
		..1.		FSCBLKPL_XRANGE_3DIGIT	"B'00100000" ++ XRANGE.3DIGIT KEYWORD
		...1		FSCBLKPL_XLOC_ANY	

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... 1...		FSCBLKPL_XSPECIAL_YES	"B'00010000" ++ XLOC.ANY KEYWORD
		.... ...1		FSCBLKPL_XUNBOUND_ALIAS_YES	"B'00001000" ++ XSPECIAL.YES KEYWORD "B'00000001" ++ XUNBOUND_ALIAS.YES KEYWORD
362	(16A)	BITSTRING	1	FSCBLKPL_XFLAGS	++ FIELD_LABEL
		1...		FSCBLKPL_KEYUSED_DEVN	"B'10000000" ++ KEYUSED.DEVN KEYWORD
		.1..		FSCBLKPL_KEYUSED_DEVNCHAR	"B'01000000" ++ KEYUSED.DEVNCHAR KEYWORD
		..1.		FSCBLKPL_KEYUSED_VOLSER	"B'00100000" ++ KEYUSED.VOLSER KEYWORD
		...1		FSCBLKPL_KEYUSED_LASTING	"B'00010000" ++ KEYUSED.LASTING KEYWORD
		.... 1...		FSCBLKPL_KEYUSED_COMPID	"B'00001000" ++ KEYUSED.COMPID KEYWORD
		.... .1..		FSCBLKPL_KEYUSED_HELP	"B'00000100" ++ KEYUSED.HELP KEYWORD
		.... ..1.		FSCBLKPL_KEYUSED_PIN	"B'00000010" ++ KEYUSED.PIN KEYWORD
		.... ...1		FSCBLKPL_KEYUSED_PINPATHS	"B'00000001" ++ KEYUSED.PINPATHS KEYWORD
363	(16B)	BITSTRING	1	FSCBLKPL_XFLAGS2	++ FIELD_LABEL
		1...		FSCBLKPL_KEYUSED_UCBCXPTR	"B'10000000" ++ KEYUSED.UCBCXPTR KEYWORD
		.1..		FSCBLKPL_KEYUSED_UCBPXPTR	"B'01000000" ++ KEYUSED.UCBXPTR KEYWORD
		..1.		FSCBLKPL_KEYUSED_LDEVNCHAR	"B'00100000" ++ KEYUSED.LDEVNCHAR KEYWORD
		...1		FSCBLKPL_KEYUSED_SCHSET	"B'00010000" ++ KEYUSED.SCHSET KEYWORD
364	(16C)	ADDRESS	4	FSCBLKPL_XTEXT_ADDR	++ ADDR
368	(170)	SIGNED	4	FSCBLKPL_XTEXT_ALET	++ ALET
372	(174)	CHARACTER	8	FSCBLKPL_XPTOKEN	++
380	(17C)	CHARACTER	8	FSCBLKPL_XHELP	++
388	(184)	ADDRESS	4	FSCBLKPL_XIOCTOKEN_ADDR	++ ADDR
392	(188)	SIGNED	4	FSCBLKPL_XIOCTOKEN_ALET	++ ALET
396	(18C)	ADDRESS	4	FSCBLKPL_XUCBPAREA_ADDR	++ ADDR
400	(190)	SIGNED	4	FSCBLKPL_XUCBPAREA_ALET	++ ALET
404	(194)	ADDRESS	4	FSCBLKPL_XUCBCXPTR	++
408	(198)	ADDRESS	4	FSCBLKPL_XUCBPXPTR	++
412	(19C)	CHARACTER	5	FSCBLKPL_XLDEVNCHAR	++
417	(1A1)	CHARACTER	3	FSCBLKPL_XRESERVED1	++
417	(1A1)	X'54'	0	FSCBLKPLL	++ FIELD_LABEL "-FSCBLKPL" ++ LENGTH OF PLIST
Comment					
UCBLOOK-3					
End of Comment					
0	(0)	X'54'	0	FSCBLKLN	"*-FSCBLKPL" UCBLOOK list form length

IATYFSCB Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
UCBPIN MF=(L,FSCBPINPL)					
MACDATE -11/17/06-<1>					
End of Comment					
0	(0)	X'1A8'	0	M00M0006	"FSCBPINPL" ++ UCBPIN NAME
424	(1A8)	DBL WORD	8	FSCBPINPL (0)	++ UCBPIN PARM LIST
424	(1A8)	BITSTRING	1	FSCBPINPL_XVERSION	++ INPUT XVERSION
425	(1A9)	BITSTRING	1	FSCBPINPL_XFLAGS	++ FIELD_LABEL
		1...		FSCBPINPL_KEYUSED_PIN	"B'10000000" ++ KEYUSED.PIN KEYWORD
		.1..		FSCBPINPL_KEYUSED_UNPIN	"B'01000000" ++ KEYUSED.UNPIN KEYWORD
		..1.		FSCBPINPL_KEYUSED_LASTING	"B'00100000" ++ KEYUSED.LASTING KEYWORD
		...1		FSCBPINPL_KEYUSED_COMPID	"B'00010000" ++ KEYUSED.COMPID KEYWORD
		.... 1..		FSCBPINPL_KEYUSED_HELP	"B'00001000" ++ KEYUSED.HELP KEYWORD
		.... .1..		FSCBPINPL_KEYUSED_PINPATHS	"B'00000100" ++ KEYUSED.PINPATHS KEYWORD
		.... ..1.		FSCBPINPL_KEYUSED_NOVAL	"B'00000010" ++ KEYUSED.NOVAL KEYWORD
426	(1AA)	CHARACTER	5	FSCBPINPL_XCOMPID	++
431	(1AF)	CHARACTER	1	FSCBPINPL_XRESERVED1	++ FIELD_LABEL
432	(1B0)	ADDRESS	4	FSCBPINPL_XUCBPTR	++
436	(1B4)	ADDRESS	4	FSCBPINPL_XTEXT_ADDR	++ ADDR
440	(1B8)	SIGNED	4	FSCBPINPL_XTEXT_ALET	++ ALET
444	(1BC)	CHARACTER	8	FSCBPINPL_XPTOKEN	++
452	(1C4)	CHARACTER	8	FSCBPINPL_XHELP	++
460	(1CC)	ADDRESS	4	FSCBPINPL_XIOCTOKEN_ADDR	++ ADDR
464	(1D0)	SIGNED	4	FSCBPINPL_XIOCTOKEN_ALET	++ ALET
468	(1D4)	CHARACTER	10	FSCBPINPL_XRESERVED2	++ FIELD_LABEL
468	(1D4)	X'36'	0	FSCBPINPLL	**"FSCBPINPL" ++ LENGTH OF PLIST
Comment					
UCBPIN-1					
End of Comment					
0	(0)	X'36'	0	FSCBUPLN	**"FSCBPINPL" UCBPIN list form length
478	(1DE)	CHARACTER	8	FSCBPTKN	UCBLOOK pin token
486	(1E6)	CHARACTER	58	FSCBPTXT (0)	UCBLOOK pin text
486	(1E6)	CHARACTER	26		Text placeholder
512	(200)	CHARACTER	8	FSCBPFSS	FSS name in pin text
520	(208)	CHARACTER	24		Remainder of text
544	(220)	SIGNED	4	FSCBUCB	UCBLOOK returned UCB

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				

TRACE RECORD BUILD AREA FOR LISTEN TASK USE					

End of Comment					
548	(224)	SIGNED	4	FSCBTRAC (0)	TRACE RECORD BUILD AREA
548	(224)	CHARACTER	8	FSCBTMOD	MODULE NAME FOR TRACE 'IATFCLT' 'IATFCOR' 'IATFCPT'
556	(22C)	CHARACTER	8	FSCBTFUN	FUNCTION TRACED 'INIT' 'DEQ SRL' 'TERM' 'ESTAE' 'ORDER' 'POST'
564	(234)	SIGNED	4	FSCBTEND (0)	END OF BASIC TRACE RECORD
564	(234)	X'4'	0	FSCBTLEN	"(FSCBTEND-FSCBTRAC)/4" BASIC TRACE LENGTH IN WORDS
564	(234)	BITSTRING	68	FSCBTORD	ORDER FSIP TRACE AREA - INCLUDES FIRST 24 BYTES OF SPECIFIC ORDER FSIP
632	(278)	SIGNED	4	FSCBTOND (0)	END ORDER TRACE AREA
632	(278)	X'15'	0	FSCBTOLN	"(FSCBTOND-FSCBTRAC)/4" ORDER TRACE LENGTH IN WORDS
564	(234)	BITSTRING	36	FSCBTPOS	POST FSIP TRACE AREA
600	(258)	SIGNED	4	FSCBTPND (0)	END POST TRACE AREA
600	(258)	X'D'	0	FSCBTPLN	"(FSCBTPND-FSCBTRAC)/4" POST TRACE LENGTH IN WORDS
632	(278)	SIGNED	4	FSCBRATK	TOKEN FOR ATTACH RESMGR 0111
636	(27C)	ADDRESS	4	FSCBRMGR	ADDRESS OF JESXCF MAILBOX 0142 RESOURCE MGR RTN: IATSICD 0142
640	(280)	SIGNED	4	FSCBRSV2 (2)	RESERVED FOR SERVICE
648	(288)	SIGNED	4	FSCBRSV3 (2)	RESERVED FOR USER
656	(290)	DBL WORD	8	FSCBEND (0)	END OF FSCB
656	(290)	X'290'	0	FSCBLEN	"FSCBEND-FSCBSTRT" LENGTH OF FSCB

IATYFSCB Cross Reference

Name

- FSCBAM31
- FSCBATRA
- FSCBCBSP
- FSCBCI
- FSCBCNAM
- FSCBCONN
- FSCBDCON
- FSCBDEST
- FSCBDLEN
- FSCBDNAM
- FSCBEND
- FSCBETXR
- FSCBFCTR
- FSCBFDAT
- FSCBFFSC
- FSCBFLG1
- FSCBFLG2
- FSCBFSAI
- FSCBFSBX
- FSCBFSC
- FSCBFSID
- FSCBFSSI
- FSCBFSVL
- FSCBFSVT
- FSCBFTYP

IATYFSCB Cross Reference

Name

FSCBID
FSCBJDET
FSCBJFSC
FSCBJXGT
FSCBJXMT
FSCBLECB
FSCBLEN
FSCBLKLN
FSCBLKPL
FSCBLKPL_KEYUSED_COMPID

FSCBLKPL_KEYUSED_DEVN
FSCBLKPL_KEYUSED_DEVNCHAR

FSCBLKPL_KEYUSED_HELP
FSCBLKPL_KEYUSED_LASTING
FSCBLKPL_KEYUSED_LDEVNCHAR

FSCBLKPL_KEYUSED_PIN
FSCBLKPL_KEYUSED_PINPATHS

FSCBLKPL_KEYUSED_SCHSET
FSCBLKPL_KEYUSED_UCBCXPTR
FSCBLKPL_KEYUSED_UCBPXPTR

FSCBLKPL_KEYUSED_VOLSER
FSCBLKPL_XCOMPID

FSCBLKPL_XDEVCLASS
FSCBLKPL_XDEVCLASS_DASD
FSCBLKPL_XDEVCLASS_DASDTAPE

FSCBLKPL_XDEVCLASS_TAPE
FSCBLKPL_XDEVN

FSCBLKPL_XDEVNCHAR
FSCBLKPL_XDYNAMIC_NO
FSCBLKPL_XFLAGS

FSCBLKPL_XFLAGS2
FSCBLKPL_XHELP

FSCBLKPL_XIOCTOKEN_ADDR
FSCBLKPL_XIOCTOKEN_ALET
FSCBLKPL_XLDEVNCHAR

Name

FSCBLKPL_XLOC_ANY

FSCBLKPL_XMASK

FSCBLKPL_XNONBASE_YES

FSCBLKPL_XNOTFIND_YES

FSCBLKPL_XPTOKEN

FSCBLKPL_XRANGE_3DIGIT

FSCBLKPL_XRESERVED1

FSCBLKPL_XRESERVED2

FSCBLKPL_XSCHSET

FSCBLKPL_XSPECIAL_YES

FSCBLKPL_XTEXT_ADDR

FSCBLKPL_XTEXT_ALET

FSCBLKPL_XUCBCXPTR

FSCBLKPL_XUCBPAREA_ADDR

FSCBLKPL_XUCBPAREA_ALET

FSCBLKPL_XUCBPTR

FSCBLKPL_XUCBPXPTR

FSCBLKPL_XUNBOUND_ALIAS_YES

FSCBLKPL_XVERSION

FSCBLKPL_XVOLSER

FSCBLKPLL

FSCBLTAB

FSCBLTAT

FSCBLTCB

FSCBLTCN

FSCBLTDT

FSCBLTFL

FSCBLTIC

FSCBLTIT

FSCBLTND

FSCBLTTR

FSCBLVT

FSCBMEMH

FSCBMFLG

FSCBMFL2

FSCBMSCI

FSCBMSCS

FSCBMSG

FSCBMSRC

IATYFSCB Cross Reference

Name

FSCBMSRS
FSCBMSR2
FSCBMTMP
FSCBNAME
FSCBOECB

FSCBORAC
FSCBPFSS
FSCBPNPL
FSCBPNPL_KEYUSED_COMPID

FSCBPNPL_KEYUSED_HELP

FSCBPNPL_KEYUSED_LASTING

FSCBPNPL_KEYUSED_NOVAL

FSCBPNPL_KEYUSED_PIN

FSCBPNPL_KEYUSED_PINPATHS

FSCBPNPL_KEYUSED_UNPIN

FSCBPNPL_XCOMPID

FSCBPNPL_XFLAGS

FSCBPNPL_XHELP

FSCBPNPL_XIOCTOKEN_ADDR

FSCBPNPL_XIOCTOKEN_ALET

FSCBPNPL_XPTOKEN

FSCBPNPL_XRESERVED1

FSCBPNPL_XRESERVED2

FSCBPNPL_XTEXT_ADDR

FSCBPNPL_XTEXT_ALET

FSCBPNPL_XUCBPTR

FSCBPNPL_XVERSION

FSCBPNPLL
FSCBPTAC
FSCBPTKN
FSCBPTXT

FSCBRATK
FSCBRMGR
FSCBRSFL
FSCBRSF2
FSCBRSV2

FSCBRSV3
FSCBSEL
FSCBSPDC
FSCBSRL
FSCBSSVT

Name

FSCBSTOP
FSCBSTRT
FSCBTEND
FSCBTERM
FSCBTFLG

FSCBTFUN
FSCBTLEN
FSCBTMOD
FSCBTOKN
FSCBTOLN

FSCBTOND
FSCBTORD
FSCBTPLN
FSCBTPND
FSCBTPOS

FSCBTRAC
FSCBUCB
FSCBUPLN
FSCBWTR
FSCBXGFM

FSCBXTRC
M00M0003
M00M0006

IATYFSS Information

IATYFSS Programming Interface information

Programming Interface information

IATYFSS

End of Programming Interface information

Heading Information • IATYFSS Map

IATYFSS Heading Information

Common Name: FUNCTIONAL SUBSYSTEM TABLE
Macro ID: IATYFSS
DSECT Name: FSSSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: FSS
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: JESPOOL (JES3 Private Area)
 Auxiliary Storage: N/A
Size: 576 Bytes
Created by: IATINFS during JES3 global initialization
Pointed to by: IATYTVT FIELD TVTFSS
 IATYFSS FIELD FSSCHAIN
Serialization: None
Function: Holds information needed by the JES3
 global processor about a functional
 subsystem.

IATYFSS Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	FSSSTART	FUNCTIONAL SUBSYSTEM TABLE
0	(0)	CHARACTER	4	FSSID	CONTROL BLOCK ID
4	(4)	ADDRESS	4	FSSCHAIN	ADDRESS OF NEXT FSS TABLE
8	(8)	SIGNED	4	FSSFSID (0)	FUNCTIONAL SUBSYSTEM ID
8	(8)	SIGNED	2	FSSFSSID	FSS PORTION OF FSID
10	(A)	SIGNED	2	FSSFSAID	FSA PORTION OF FSID
12	(C)	CHARACTER	8	FSSNAME	EXTERNAL NAME OF FSS
20	(14)	ADDRESS	4	FSSFSAPT	ADDRESS OF FIRST FSA TABLE FOR THIS FSS
24	(18)	ADDRESS	4	FSSEXTPT	ADDR OF FSS TABLE EXTENSION
28	(1C)	ADDRESS	4	FSSFCTPT	ADDRESS OF OWNING FCT
32	(20)	ADDRESS	4	FSSECFPT	ADDRESS OF ECF TO POST WHEN STATUS CHANGES FOR MAIN PROC WHERE FSS IS RUNNING
36	(24)	BITSTRING	1	FSSECFMK	ECF MASK TO BE USED FOR STATUS CHANGE POST
37	(25)	BITSTRING	1	FSSINIT	INITIALIZATION PROCESSING FL
Comment					
----- DEFINITION OF FSSINIT -----					
End of Comment					
		1...		FSSFSAMX	"X'80" MORE DEVICES WERE DEFINED TO THIS FSS THAN CAN BE SUPPORTED
		.1..		FSSHOTST	"X'40" The FSS address space stayed up across a JES3 hotstart
		..1.		FSSFCTAT	"X'20" The FSS Controller FCT is attached
38	(26)	BITSTRING	1	FSSTYPE	FSS TYPE
Comment					
----- DEFINITION OF FSSTYPE -----					
End of Comment					
38	(26)	X'1'	0	FSSWTR	"1" WTR FSS FOR AFP DEVICE
38	(26)	X'2'	0	FSSCI	"2" CI FSS FOR MVS CI, PRE-SCAN
39	(27)	BITSTRING	1	FSSREQ	SERVICE REQUEST FLAGS

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- DEFINITION OF FSSREQ -----					
End of Comment					
		1...		FSSAWAIT	"X'80" AWAIT ALLOWED DURING FSS START-UP PROCESSING
		.1..		FSSDUMP	"X'40" STOP FSS WITH A DUMP
		..1.		FSSTRMRQ	"X'20" FSS TO BE TERMINATED BY *RETURN OR *DUMP
		...1		FSSRQFND	"X'10" MATCHING RSQ FOUND DURING MAIN CONNECT PROCESSING
		.... 1..		FSSALLOC	"X'08" AN FSA DSP HAS ISSUED AN FSSSTART REQUEST
		.... .1..		FSSFCTAB	"X'04" FSS ABEND REQUESTED BY OWNING FCT
		.... ..1.		FSSFSATM	"X'02" AN FSA DSP UNDER THIS FSS TERMINATED
		.... ...1		FSSFSAAC	"X'01" FSS HAS ONE FSA ACTIVE
40	(28)	SIGNED	4	FSSRSVD1 (4)	RESERVED FOR DEVELOPMENT
56	(38)	SIGNED	4	FSSRSVD2 (3)	RESERVED FOR SERVICE
68	(44)	BITSTRING	2	FSSRSVSA	Reserved for IBM
70	(46)	BITSTRING	1	FSSREQ2	Service Request Flags
Comment					
----- Definition of FSSREQ2 -----					
End of Comment					
		1...		FSSABTIM	"X'80" ABEND timer requested
		.1..		FSSRQ240	"X'40" Reserved bit for IBM
		..1.		FSSRQ220	"X'20" Reserved bit for IBM
		...1		FSSRQ210	"X'10" Reserved bit for IBM
		.... 1..		FSSRQ208	"X'08" Reserved bit for IBM
		.... .1..		FSSRQ204	"X'04" Reserved bit for IBM
		.... ..1.		FSSRQ202	"X'02" Reserved bit for IBM
		.... ...1		FSSRQ201	"X'01" Reserved bit for IBM
71	(47)	BITSTRING	1	FSSFLG1	FSS FLAG 1
Comment					
----- DEFINITION OF FSSFLG1 -----					
End of Comment					
		1...		FSSNODSQ	"X'80" DYNAMIC DEST Q DELETED
		.1..		FSSDYNAD	"X'40" The FSSDEF was added dynamically
		..1.		FSSDYNCA	"X'20" The FSSDEF was added dynamically via current *F CONFIG command
		...1		FSSRSTCK	"X'10" Information was restored from the FCK during a hot start or hot start with refresh
		.... 1..		FSSINHIB	"X'08" Stop the FSS from becoming active during dynamic change processing
		.... .1..		FSSFL104	"X'04" RESERVED FOR SERVICE
		.... ..1.		FSSFL102	"X'02" RESERVED FOR SERVICE
		.... ...1		FSSFL101	"X'01" RESERVED FOR SERVICE
72	(48)	SIGNED	4	FSSRSVD3 (4)	RESERVED FOR USER

IATYFSS Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
START OF CHECKPOINTED SECTION OF FSS TABLE					
End of Comment					
88	(58)	DBL WORD	8	FSSCKST (0)	START OF CHECKPOINTED SECT
88	(58)	BITSTRING	1	FSSOPTN	OPTIONS FROM FSSDEF OR *F,F,FSS=
Comment					
----- DEFINITION OF FSSOPTN -----					
End of Comment					
		1...		FSSAUTO	"X'80" START=YES SPECIFIED: START CI FSS WHEN REQUESTED MAIN CONNECTS
		.1..		FSSTERM	"X'40" TERM=YES SPECIFIED: STOP FSS ON *DUMP OR *RETURN
		..1.		FSSDYNQ	"X'20" FSS USES DYNAMIC DESTQ
		...1		FSSFSARQ	"X'10" FSA TABLE CONSTRUCTION REQUIRED
		.... 1...		FSSGLBL	"X'08" FSS ASSIGNED TO RUN ON GLOBAL PROCESSOR
		.... .1..		FSSMDRC	"X'04" FSS MESSAGE DEST CLASS REQUIRES CONVERSION TO EBCDIC FORM OF MCS R.C.
		.... ..1.		FSSSMSAC	"X'02" SMS WAS ACTIVE AT THE TIME THE FSS WAS STARTED (C/I FSS'S ONLY)
89	(59)	.... ...1	1	FSSUNUS	"X'01" FSS UNUSABLE - INISH ERROR
		BITSTRING		FSSSTAT1	FSS START-UP STATUS FLAGS
Comment					
----- DEFINITION OF FSSSTAT1 -----					
End of Comment					
		1...		FSSSTCMD	"X'80" FSS START COMMAND ISSUED
		.1..		FSSSTRTD	"X'40" FSS SUCCESSFULLY STARTED
		..1.		FSSTIMER	"X'20" ATIME INTERVAL FOR START COMMAND HAS EXPIRED
		...1		FSSSFALL	"X'10" FSS START COMMAND FAILED
		.... 1...		FSSCONN	"X'08" FSS-LEVEL CONNECT RECEIVED
		.... .1..		FSSRSTRT	"X'04" FSS ACTIVE AT MAIN CONNECT
		.... ..1.		FSSOFSA	"X'02" ONLY ONE FSA MAY OPERATE UNDER THIS FSS
90	(5A)	.... ...1	1	FSS34D	"X'01" FSS SUPPORTS 4-DIGIT DEVICE NUMBERS
		BITSTRING		FSSSTAT2	FSS SHUT-DOWN STATUS FLAGS
Comment					
----- DEFINITION OF FSSSTAT2 -----					
End of Comment					
		1...		FSSSTOP	"X'80" STOP FSS ORDER SENT
		.1..		FSSCANC	"X'40" MVS CANCEL COMMAND ISSUED
		..1.		FSSDCONN	"X'20" FSS-LEVEL DISCON RECEIVED
		...1		FSSRSTRM	"X'10" RESTARTABLE TYPE TERMINATION REQUEST. IF A C/I FSS HAS THE TERM=YES OPTION AND IS TERMINATED VIA AN *RETURN ETC. COMMAND, JES3 SHOULD RESTART THE FSS AFTER JES3 COMES UP

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... 1...		FSSTIMRF	"X'08" ATIME interval for *FAIL processing has expired
		.... ..1.		FSSIPL	"X'02" FSS MAIN IPLED
		.... ...1		FSSFAL	"X'01" FSS FAILED/FLUSHED/IPLED OFF
91	(5B)	BITSTRING	1	FSSMSTAT	FSS MODIFY STATUS FLAGS

Comment

 DEFINITION OF FSSMSTAT

End of Comment

1...	FSSMPEND	"X'80" MODIFY COMMAND PENDING
.1.	FSSMDSPC	"X'40" CI DSP CNT HAS BEEN MODIFIED
..1.	FSSMMAST	"X'20" CI MAX STATEMENT COUNT HAS BEEN MODIFIED

Comment

IATYCNDDB_1;;
 START OF SPECIFICATIONS
 01 PROPRIETARY STATEMENT=
 PROPRIETARY_STATEMENT
 LICENSED MATERIALS - PROPERTY OF IBM
 5647-A01 COPYRIGHT IBM CORP. 1989, 2010
 STATUS= HJS7770
 END_OF_PROPRIETARY_STATEMENT
 This data area is maintained as a CASE mapping macro.
 Changes should be made to the CASE source and then
 the PLX and Assembler should be regenerated.
 Do NOT make changes to the PLX or Assembler directly!
 01 Descriptive Name: Console Destination Block
 Acronym: CNDB
 01 Macro Name: IATYCNDDB
 01 DSECT Name: IATYCNDDB
 --based variable for storage mapping
 01 Component: JES3 (SC1BA)
 01 Function:
 02 The console destination block is a control block that
 contains information related to the destination that
 messages should be sent to. This control block is built
 as commands are entered into to the system and is used by
 command processors as a destination for where to return
 messages to. The control block is imbedded in other
 control blocks and the size of the data area must not
 change (otherwise a JES3 cold start is required). The
 data is referenced by non-source maintained modules, so
 offsets into the data area must not change.
 01 Eye-Catcher: CNDBEYE
 02 Offset: 4
 02 Length: 4
 01 Language: PL/X
 01 Storage Attributes:
 02 Allocation Method: Imbedded within other control blocks
 02 Main Storage: 94
 02 Virtual Storage: 94

IATYFSS Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
02 Auxiliary Storage: 94					
02 Subpool: n/a					
02 Key: 1					
02 Data Space: N/A					
02 Residency: any					
02 Frequency: n/a					
02 Size: 94					
02 Created by: n/a					
02 Deleted by: n/a					
02 Pointed to by: Imbedded within other control blocks					
02 Serialization: none					
01 EXTERNAL CLASSIFICATION: DMTI					
01 END OF EXTERNAL CLASSIFICATION:					
01 Method Of access:					
02 ASM: IATYCNDB					
02 PLX: %INCLUDE SYSLIB(IATYCNDB)					
01 CHANGE ACTIVITY:					
\$QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support					
\$RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init					
\$T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0					
CASE/390 - VERSION 49					
END OF SPECIFICATIONS					
%					
End of Comment					
92	(5C)	SIGNED	4	FSSCNDBM (0)	IATYCNDB.27: based variable for storage mapping
92	(5C)	SIGNED	4		Four byte console id 0176
96	(60)	CHARACTER	4		IATYCNDB eyecatcher
100	(64)	ADDRESS	4		IATYCNDB version
104	(68)	BITSTRING	8		Reserved for development
112	(70)	BITSTRING	8		Console Name 0176
120	(78)	BITSTRING	24		Reserved for development
144	(90)	SIGNED	2		Reserved for development
146	(92)	BITSTRING	40		Reserved for development MODIFYING DESTINATION
186	(BA)	SIGNED	2	FSSJOBNC	Compatible with FSSJOBNO - see IATXJBNO macro
188	(BC)	SIGNED	2	FSSASID	ASID OF FSS ADDRESS SPACE
190	(BE)	SIGNED	2	FSSFSACT	MAXIMUM NUMBER OF FSAS
192	(C0)	SIGNED	2	FSSBATCT	NUMBER OF CI BATCH DSPS
194	(C2)	SIGNED	2	FSSDSLCT	NUMBER OF CI DEM SEL DSPS
196	(C4)	SIGNED	4	FSSMAXST	MAX NUMBER OF JCL STATEMENTS FOR CI FSS ADDRESS SPACE

Comment

```

IATYCNDB_1;;
START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  5647-A01 COPYRIGHT IBM CORP. 1989, 2010
  STATUS= HJS7770
END_OF_PROPRIETARY_STATEMENT
  This data area is maintained as a CASE mapping macro.
  Changes should be made to the CASE source and then
  the PLX and Assembler should be regenerated.
  Do NOT make changes to the PLX or Assembler directly!
01 Descriptive Name: Console Destination Block
  Acronym: CNDB
01 Macro Name: IATYCNDB
01 DSECT Name: IATYCNDB
  --based variable for storage mapping
01 Component: JES3 (SC1BA)

```


Offsets

Dec	Hex	Type/Value	Len	Name (Dim)	Description
01 Function:					
02 The console destination block is a control block that contains information related to the destination that messages should be sent to. This control block is built as commands are entered into to the system and is used by command processors as a destination for where to return messages to. The control block is imbedded in other control blocks and the size of the data area must not change (otherwise a JES3 cold start is required). The data is referenced by non-source maintained modules, so offsets into the data area must not change.					
01 Eye-Catcher: CNDBEYE					
02 Offset: 4					
02 Length: 4					
01 Language: PL/X					
01 Storage Attributes:					
02 Allocation Method: Imbedded within other control blocks					
02 Main Storage: 94					
02 Virtual Storage: 94					
02 Auxiliary Storage: 94					
02 Subpool: n/a					
02 Key: 1					
02 Data Space: N/A					
02 Residency: any					
02 Frequency: n/a					
02 Size: 94					
02 Created by: n/a					
02 Deleted by: n/a					
02 Pointed to by: Imbedded within other control blocks					
02 Serialization: none					
01 EXTERNAL CLASSIFICATION: DMTI					
01 END OF EXTERNAL CLASSIFICATION:					
01 Method Of access:					
02 ASM: IATYCNDB					
02 PLX: %INCLUDE SYSLIB(IATYCNDB)					
01 CHANGE ACTIVITY:					
\$QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support					
\$SRC=SP110 HJS6601 950526 PD0TD: JES3 Common Init					
\$T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0					
CASE/390 - VERSION 49					
END OF SPECIFICATIONS					

%

End of Comment					
200	(C8)	SIGNED	4	FSSCNDB (0)	IATYCNDB.27: based variable for storage mapping
200	(C8)	SIGNED	4		Four byte console id 0176
204	(CC)	CHARACTER	4		IATYCNDB eyecatcher
208	(D0)	ADDRESS	4		IATYCNDB version
212	(D4)	BITSTRING	8		Reserved for development
220	(DC)	BITSTRING	8		Console Name 0176
228	(E4)	BITSTRING	24		Reserved for development
252	(FC)	SIGNED	2		Reserved for development
254	(FE)	BITSTRING	40		Reserved for development FSS RELATED MESSAGES
294	(126)	CHARACTER	8	FSSPROC	CATALOGUED PROCEDURE NAME
302	(12E)	CHARACTER	8	FSSMPROC	PROC NAME FOR PENDING MODIFY
310	(136)	CHARACTER	8	FSSSYS	MAIN PROC WHERE FSS RESIDES WITH CURRENT GLOBAL

IATYFSS Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
<p>-----</p> <p>THE FOLLOWING TWO TABLES CONTAIN THE MAIN PROCESSOR ASSIGNMENTS FOR THIS FSS, BOTH CURRENT (FSSSYSID) AND PENDING (FSSMSYSI). THE MAIN PROCESSOR SEQUENCE NUMBER OF EACH PROCESSOR IN THE COMPLEX DETERMINES A POSITION WITHIN A TABLE; THE BYTE AT THAT POSITION CONTAINS THE SEQUENCE NUMBER OF THE PROCESSOR WHERE THE FSS IS ASSIGNED TO RUN WHEN THE POSITION-DETERMINING PROCESSOR IS THE GLOBAL. IF THE BYTE CONTAINS ZERO, NO ASSIGNMENT HAS BEEN MADE FOR THIS PROCESSOR AS GLOBAL, OR NO PROCESSOR EXISTS FOR THIS SEQUENCE NUMBER POSITION.</p> <p>-----</p>					
End of Comment					
318	(13E)	BITSTRING	1	FSSSYSID (0)	MPC ID'S FOR FSS RESIDENCE
350	(15E)	BITSTRING	1	FSSMSYSI (0)	MPC ID'S FOR PENDING MODIFY
Comment					

```

IATYCND_1;;
START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  5647-A01 COPYRIGHT IBM CORP. 1989, 2010
  STATUS= HJS7770
  END_OF_PROPRIETARY_STATEMENT
  This data area is maintained as a CASE mapping macro.
  Changes should be made to the CASE source and then
  the PLX and Assembler should be regenerated.
  Do NOT make changes to the PLX or Assembler directly!
01 Descriptive Name: Console Destination Block
  Acronym: CNDB
01 Macro Name: IATYCND_1
01 DSECT Name: IATYCND_1
  --based variable for storage mapping
01 Component: JES3 (SC1BA)
01 Function:
02 The console destination block is a control block that
  contains information related to the destination that
  messages should be sent to. This control block is built
  as commands are entered into to the system and is used by
  command processors as a destination for where to return
  messages to. The control block is imbedded in other
  control blocks and the size of the data area must not
  change (otherwise a JES3 cold start is required). The
  data is referenced by non-source maintained modules, so
  offsets into the data area must not change.
01 Eye-Catcher: CNDBEYE
02 Offset: 4
02 Length: 4
01 Language: PL/X
01 Storage Attributes:
02 Allocation Method: Imbedded within other control blocks
02 Main Storage: 94
02 Virtual Storage: 94

```

Offsets

Dec	Hex	Type/Value	Len	Name (Dim)	Description
02 Auxiliary Storage: 94					
02 Subpool: n/a					
02 Key: 1					
02 Data Space: N/A					
02 Residency: any					
02 Frequency: n/a					
02 Size: 94					
02 Created by: n/a					
02 Deleted by: n/a					
02 Pointed to by: Imbedded within other control blocks					
02 Serialization: none					
01 EXTERNAL CLASSIFICATION: DMTI					
01 END OF EXTERNAL CLASSIFICATION:					
01 Method Of access:					
02 ASM: IATYCNDDB					
02 PLX: %INCLUDE SYSLIB(IATYCNDDB)					
01 CHANGE ACTIVITY:					
\$QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support					
\$RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init					
\$T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0					
CASE/390 - VERSION 49					
END OF SPECIFICATIONS					

%

End of Comment					
384	(180)	SIGNED	4	FSSMCNDB (0)	IATYCNDDB.27: based variable for storage mapping
384	(180)	SIGNED	4		Four byte console id 0176
388	(184)	CHARACTER	4		IATYCNDDB eyecatcher
392	(188)	ADDRESS	4		IATYCNDDB version
396	(18C)	BITSTRING	8		Reserved for development
404	(194)	BITSTRING	8		Console Name 0176
412	(19C)	BITSTRING	24		Reserved for development
436	(1B4)	SIGNED	2		Reserved for development
438	(1B6)	BITSTRING	40		Reserved for development USED FOR MODIFY
478	(1DE)	BITSTRING	1	FSSSTAT3	FSS CONNECT STATUS FLAG

Comment

 The following two flags are mutually exclusive.
 If neither of the flags is on, this FSS cannot
 select output with IP destination.

End of Comment					
		1...		FSS3IP	"X'80" This FSS selects only IP
		.1..		FSS3BOTH	"X'40" This FSS selects both IP and non-IP
479	(1DF)	BITSTRING	1	FSSRSVDH	RESERVED FOR DEVELOPMENT
480	(1E0)	SIGNED	4	FSSJOBNO	Job number of FSS
484	(1E4)	SIGNED	4	FSSRSVD5	RESERVED FOR SERVICE
488	(1E8)	SIGNED	4	FSSRSVD6	RESERVED FOR USER
496	(1F0)	DBL WORD	8	FSSCKEND (0)	END OF CHECKPOINTED SECTION
496	(1F0)	X'198'	0	FSSCKLEN	"FSSCKEND-FSSCKST" LENGTH OF CHECKPOINTED SECT

Comment

END OF CHECKPOINTED SECTION OF FSS TABLE

End of Comment					
496	(1F0)	CHARACTER	128	FSSMSGWK	IATGRFS MESSAGE BUILD WORK AREA
624	(270)	DBL WORD	8	FSSSEND (0)	END OF FSS TABLE ENTRY
624	(270)	X'270'	0	FSSLEN	"FSSSEND-FSSSTART" LENGTH OF FSS TABLE ENTRY

IATXFSS Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

IATXFSS PROCESSING RETURN CODE EQUATES - NOTE THAT FOR ALL CASES, A RETURN CODE OF 4 INDICATES AN INVALID FSS TABLE ENTRY.					

IATXFSS START PROCESSING RETURN CODE EQUATES - IATGRFS THESE EQUATES ARE ALSO USED BETWEEN IATGRFC AND FSA DSPS.					

End of Comment					
624	(270)	X'4'	0	FSSSTITE	"4" INVALID TABLE ENTRY ADDRESS
624	(270)	X'8'	0	FSSSTCKD	"8" FSS CHECKPOINT DISABLED DUE TO PREVIOUS ERROR
624	(270)	X'C'	0	FSSSTUFS	"12" UNUSABLE FSS
624	(270)	X'10'	0	FSSSTALS	"16" FSS ALREADY ACTIVE
624	(270)	X'14'	0	FSSSTNCO	"20" MAIN MPNAME NOT CONNECTED
624	(270)	X'18'	0	FSSSTFL	"24" MVS START COMMAND FAILED
624	(270)	X'1C'	0	FSSSTIPM	"28" INVALID PARAMETER STRING
624	(270)	X'20'	0	FSSSTUST	"32" NO STORAGE AVAILABLE
624	(270)	X'24'	0	FSSSTMPN	"36" MAIN PROCESSOR NOT FOUND
624	(270)	X'28'	0	FSSSTFLD	"40" FSS ADDRESS SPACE FAILED
624	(270)	X'2C'	0	FSSSTCAN	"44" FSS FAILED BY OPERATOR
624	(270)	X'30'	0	FSSSTAND	"48" FSS ABNORMAL DISCONNECT
624	(270)	X'34'	0	FSSN4DGT	"52" 4-DIGIT DEVICE NOT SUPPORTED
Comment					

IATXFSS FSSSTART PROCESSING RETURN CODE EQUATES - IATGRFS					

IATXFSS FSSSTART ERROR RETURN EQUATES ARE THE SAME AS FOR IATXFSS START PROCESSING					
IATXFSS FSSSTART NORMAL RETURN					

End of Comment					
624	(270)	X'0'	0	FSSFCFSA	"0" FSA START MAY BE ISSUED
624	(270)	X'4'	0	FSSFCAWT	"4" WAITING ON FSS CONNECT
624	(270)	X'8'	0	FSSFCRTY	"8" NORMAL FSS SHUTDOWN IN PROGRESS - RETRY LATER
Comment					

IATXFSS CHKPT PROCESSING RETURN CODE EQUATES - IATGRFS					

End of Comment					
624	(270)	X'4'	0	FSSCKITE	"4" INVALID TABLE ENTRY ADDRESS
624	(270)	X'8'	0	FSSCKCKD	"8" FSS CHECKPOINT DISABLED DUE TO PREVIOUS ERROR
624	(270)	X'C'	0	FSSCKLCP	"12" LOST FSS CHECKPOINT DATA
Comment					

IATXFSS ABEND PROCESSING RETURN CODE EQUATES - IATGRFS					

End of Comment					
624	(270)	X'4'	0	FSSABITE	"4" INVALID TABLE ENTRY ADDRESS
624	(270)	X'8'	0	FSSABALA	"8" FSS ALREADY STOPPED

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
624	(270)	X'C'	0	FSSABNCO	"12" MAIN PROCESSOR NOT CONNECTED
624	(270)	X'10'	0	FSSABMPN	"16" MAIN PROCESSOR NOT FOUND
Comment					

IATXFSS CLEANUP PROCESSING RETURN CODE EQUATES - IATGRFS					

End of Comment					
624	(270)	X'4'	0	FSSCLITE	"4" INVALID TABLE ENTRY ADDRESS
Comment					

IATXFSS FSAPOST PROCESSING RETURN CODE EQUATES - IATGRFS					

End of Comment					
624	(270)	X'4'	0	FSSAPITE	"4" INVALID TABLE ENTRY ADDRESS
624	(270)	X'8'	0	FSSAPNAF	"8" NO ACTIVE FSAS FOUND

IATYFSS Cross Reference

Name

- FSSABALA
- FSSABITE
- FSSABMPN
- FSSABNCO
- FSSABTIM
- FSSALLOC
- FSSAPITE
- FSSAPNAF
- FSSASID
- FSSAUTO
- FSSAWAIT
- FSSBATCT
- FSSCANC
- FSSCHAIN
- FSSCI
- FSSCKCKD
- FSSCKEND
- FSSCKITE
- FSSCKLCP
- FSSCKLEN
- FSSCKST
- FSSCLITE
- FSSCNDB
- FSSCNDBM
- FSSCONN
- FSSDCONN
- FSSDSLCT
- FSSDUMP
- FSSDYNAD
- FSSDYNCA
- FSSDYNQ
- FSSECFMK
- FSSECFPT
- FSSEND
- FSSEXTPT

IATYFSS Cross Reference

Name

FSSFAL
FSSFCAWT
FSSFCFSA
FSSFCRTY
FSSFCTAB

FSSFCTAT
FSSFCTPT
FSSFLG1
FSSFL101
FSSFL102

FSSFL104
FSSFSAAC
FSSFSACT
FSSFSAID
FSSFSAMX

FSSFSAPT
FSSFSARQ
FSSFSATM
FSSFSID
FSSFSSID

FSSGLBL
FSSHOTST
FSSID
FSSINHIB
FSSINIT

FSSIPL
FSSJOBNC
FSSJOBNO
FSSLEN
FSSMAXST

FSSMCNDB
FSSMDRC
FSSMDSPC
FSSMMAST
FSSMPEND

FSSMPROC
FSSMSGWK
FSSMSTAT
FSSMSYSI
FSSNAME

FSSNODSQ
FSSN4DGT
FSSOFSA
FSSOPTN
FSSPROC

FSSREQ
FSSREQ2
FSSRQFND
FSSRQ201
FSSRQ202

FSSRQ204
FSSRQ208
FSSRQ210
FSSRQ220
FSSRQ240

FSSRSTCK
FSSRSTRM
FSSRSTRT
FSSRSVDH
FSSRSVD1

Name

FSSRSVD2
FSSRSVD3
FSSRSVD5
FSSRSVD6
FSSRSVSA

FSSSFALL
FSSSMSAC
FSSSTALS
FSSSTAND
FSSSTART

FSSSTAT1
FSSSTAT2
FSSSTAT3
FSSSTCAN
FSSSTCKD

FSSSTCMD
FSSSTFL
FSSSTFLD
FSSSTIPM
FSSSTITE

FSSSTMPN
FSSSTNCO
FSSSTOP
FSSSTRTD
FSSSTUFS

FSSSTUST
FSSSYS
FSSSYSID
FSSTERM
FSSTIMER

FSSTIMRF
FSSTRMRQ
FSSTYPE
FSSUNUS
FSSWTR

FSS3BOTH
FSS3IP
FSS34D

IATYGPW Information

IATYGPW Heading Information

Common Name: General Purpose FCT Work Area
Macro ID: IATYGPW
DSECT Name: GPWSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: GPW
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 0
Size: GPWSIZE bytes
Created by: IATGRGPF
Pointed to by: FCTATFPF in IATYFCT
Serialization: None
Function: This macro maps the information that is passed to the General Purpose FCT when an IATXGENF macro request is issued.

IATYGPW Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	GPWSTART	, General Purpose FCT Work Area
0	(0)	CHARACTER	4	GPWID	Control Block Id
4	(4)	CHARACTER	16	GPWDESC	Function description
20	(14)	ADDRESS	4	GPWSTFCT	The FCT that issued the IATXGENF START request for this general purpose FCT
24	(18)	ADDRESS	4	GPWRTNAD	Address of the routine to get control
28	(1C)	ADDRESS	4	GPWRTYAD	Retry address

Comment

Registers to be passed to the General Purpose FCT appendage routine.

End of Comment

32	(20)	SIGNED	4	GPWREGS (14)	Registers to be passed to the General Purpose FCT
32	(20)	X'20'	0	GPWREG0	"GPWREGS+0,4" Register 0
32	(20)	X'24'	0	GPWREG1	"GPWREGS+4,4" Register 1
32	(20)	X'28'	0	GPWREG2	"GPWREGS+8,4" Registers 2
32	(20)	X'4C'	0	GPWREG11	"GPWREGS+44,4" Registers 11 - General Purpose FCT address
32	(20)	X'50'	0	GPWREG12	"GPWREGS+48,4" Registers 12 - TVT address
32	(20)	X'54'	0	GPWREG13	"GPWREGS+52,4" Registers 13

Comment

ECF addresses and masks.

End of Comment

88	(58)	ADDRESS	4	GPWNECFA	Normal ECF address
92	(5C)	ADDRESS	4	GPWEECFA	Error ECF address
96	(60)	BITSTRING	1	GPWNECFM	Normal ECF mask
97	(61)	BITSTRING	1	GPWEECFM	Error ECF mask
98	(62)	BITSTRING	9	GPWRSVD1	Reserved for IBM

IATYGPW Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
Flags.					

Definition of GPWFLAG1.					

End of Comment					
107	(6B)	BITSTRING	1	GPWFLAG1	Flag one
		1... ..		GPWAPCAL	"X'80" IATXGENF appendage routine was called
		.1.		GPWAPRET	"X'40" IATXGENF appendage routine has returned
		..1.		GPWJESTE	"X'20" JESTAE was entered
		...1		GPWRF110	"X'10" Reserved flag
		.... 1...		GPWRF108	"X'08" Reserved flag
		.... .1..		GPWRF104	"X'04" Reserved flag
		.... ..1.		GPWRF102	"X'02" Reserved flag
		.... ...1		GPWRF101	"X'01" Reserved flag
Comment					
End of the GPW.					
End of Comment					
112	(70)	DBL WORD	8	GPWEND (0)	End of GPW
112	(70)	X'70'	0	GPWSIZE	"GPWEND-GPWSTART" Size of GPW

IATYGPW Cross Reference

Name

GPWAPCAL
 GPWAPRET
 GPWDESC
 GPWEECFM
 GPWEECFM
 GPWEND
 GPWFLAG1
 GPWID
 GPWJESTE
 GPWNECFM
 GPWNECFM
 GPWREGS
 GPWREG0
 GPWREG1
 GPWREG11
 GPWREG12
 GPWREG13
 GPWREG2
 GPWRF101
 GPWRF102
 GPWRF104
 GPWRF108
 GPWRF110
 GPWRSVD1
 GPWRTNAD
 GPWRTYAD
 GPWSIZE
 GPWSTART
 GPWSTFCT

IATYGRSP Information

IATYGRSP Heading Information

Common Name: Common JESMSG LG/JESYSMSG Spinoff Data Area
Macro ID: IATYGRSP
DSECT Name: GRSPSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Auxiliary Storage: N/A
 Subpool: 230
Size: GRSPSIZE
Created by: IATGRSP
Pointed to by: IATGRSP mainline register
Serialization: NONE
Function: This data area maps the work area for module IATGRSP.

IATYGRSP Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	GRSPSTRT	
0	(0)	CHARACTER	8	GRSPID	Control block identifier 4#15606T6D
8	(8)	SIGNED	4	GRSPRSV1	Reserved for development 15606T6C
12	(C)	SIGNED	4	GRSPWALN	Work area length
16	(10)	ADDRESS	4	GRSPJIB	Pointer to JIB
20	(14)	ADDRESS	4	GRSPJSP	Pointer to JSP
24	(18)	ADDRESS	4	GRSPSVT	Pointer to SVT
28	(1C)	ADDRESS	4	GRSPRAB	Pointer to RAB
32	(20)	ADDRESS	4	GRSPACB	Pointer to ACB
36	(24)	ADDRESS	4	GRSPDEB	Pointer to DEB
40	(28)	ADDRESS	4	GRSPMEM	MEM address
44	(2C)	ADDRESS	4	GRSPDSS	DSS address 0094
48	(30)	ADDRESS	4	GRSPDSB	DSB address 0094
52	(34)	ADDRESS	4	GRSPDMC	DMC address 0094
56	(38)	ADDRESS	4	GRSPDFRR	DSS FRR parm address save area
60	(3C)	ADDRESS	4	GRSPOTCB	DSS old TCB address save area
64	(40)	ADDRESS	4	GRSPPTCB	DSB old jobstep task TCB save area
68	(44)	ADDRESS	4	GRSPFTCB	DSB TCB associated with the DAT/DMC storage save area
72	(48)	SIGNED	4	GRSPECB	ECB used in SSISERV
76	(4C)	ADDRESS	4	GRSPDMCB	Begin address of DMC buffer pool from DSB
80	(50)	ADDRESS	4	GRSPDMCE	End address of DMC buffer pool from DSB
84	(54)	ADDRESS	4	GRSPYSJM	Pointer to IATYSSJM 0108
88	(58)	ADDRESS	4	GRSPJLSI	JLSI address 15606T6A
92	(5C)	SIGNED	4	GRSPABSV (16)	Abend registers save area 15606T6A
160	(A0)	DBL WORD	8	(0)	Alignment
160	(A0)	DBL WORD	8	GRSPSTCK	STCK work area
160	(A0)	X'A0'	0	GRSPSTCF	"GRSPSTCK,4" First word of GRSPSTCK 15606T6A 3#0104

Comment

 Definition for GRSPFLG1

End of Comment

168	(A8)	BITSTRING	1	GRSPFLG1	Flag byte
		1... ..		GRSPJINP	"X'80" Input dataset is JESMSG LG
		.1.. ..		GRSPSINP	"X'40" Input dataset is JESYSMSG
		..1.		GRSPPRJM	"X'20" Processing JESMSG LG
		...1		GRSPPRSM	"X'10" Processing JESYSMSG
		.... 1...		GRSPOTDS	"X'08" Other dataset processed

IATYGRSP Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... .1..		GRSPKUB	"X'04" UBUF locked in GRSP
		.... ..1.		GRSPFULK	"X'02" Request to free UBUF lock
		.... ...1		GRSPCMSP	"X'01" Spinoff via op command
Comment					
----- 0					
Definition for GRSPFLG2 0					
----- 0					
End of Comment					
169	(A9)	BITSTRING	1	GRSPFLG2	Flag byte 0094
		1...		GRSPDFR	"X'80" Deferred spinoff request 0094
		.1..		GRSPMEML	"X'40" MEM job level lock 0094
		..1.		GRSPINTR	"X'20" Initial request 0094
		...1		GRSPRECV	"X'10" ESTAE issued 0094
		.... 1...		GRSPRECR	"X'08" Recursive abend 0094
		.... .1..		GRSPCMD	"X'04" Op command initiated 0094
		.... ..1.		GRSPF202	"X'02" Reserved for IBM
		.... ...1		GRSPRCD0	"X'01" Too late to send JIB 0094
170	(AA)	BITSTRING	2	GRSPRSV2	Reserved for IBM 0094
Comment					

Time work area for IATSSJM invocation 0					

End of Comment					
172	(AC)	BITSTRING	5	GRSPTMWK (0)	Local TOD structure 0104
172	(AC)	SIGNED	4	GRSPTMFW (0)	Work area for HHMMSSTH 0104
172	(AC)	BITSTRING	1	GRSPTMHH	Hours 0104
173	(AD)	BITSTRING	1	GRSPTMMM	Minutes 0104
174	(AE)	BITSTRING	1	GRSPTMSS	Seconds 0104
175	(AF)	BITSTRING	1	GRSPTMTH	Tenths of second and 0104 hundredths of seconds 0104 after unpacking this area 0104 into GRSPTMPR, hundredths 0104 of seconds is overlaid 0104 by a decimal sign. 0104
176	(B0)	BITSTRING	1	GRSPTMSN	Sign byte for unpacking 0104
177	(B1)	CHARACTER	9	GRSPTMPR	HHMMSSTH (Printable) 0104 5#0104
Comment					

Internal trace to provide footprints of JESlog spinoff processing.					

End of Comment					
188	(BC)	SIGNED	4	(0)	Align trace on fullword
188	(BC)	CHARACTER	8	GRSPTRID	Trace identifier
196	(C4)	BITSTRING	60	GRSPTRCE	Internal trace
196	(C4)	X'1'	0	SPTR0000	"01" Trace element
196	(C4)	X'2'	0	SPTR0010	"02" Trace element
196	(C4)	X'A'	0	SPTR1000	"10" Trace element
196	(C4)	X'B'	0	SPTR1010	"11" Trace element
196	(C4)	X'C'	0	SPTR1020	"12" Trace element
196	(C4)	X'14'	0	SPTR1100	"20" Trace element
196	(C4)	X'15'	0	SPTR1200	"21" Trace element
196	(C4)	X'16'	0	SPTR1300	"22" Trace element
196	(C4)	X'17'	0	SPTR1400	"23" Trace element
196	(C4)	X'18'	0	SPTR1500	"24" Trace element
196	(C4)	X'1E'	0	SPTR2000	"30" Trace element
196	(C4)	X'1F'	0	SPTR2100	"31" Trace element
196	(C4)	X'20'	0	SPTR2200	"32" Trace element

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
196	(C4)	X'21'	0	SPTR2300	"33" Trace element
196	(C4)	X'22'	0	SPTR2400	"34" Trace element
196	(C4)	X'28'	0	SPTR3000	"40" Trace element
196	(C4)	X'29'	0	SPTR3100	"41" Trace element
196	(C4)	X'2A'	0	SPTR3200	"42" Trace element
196	(C4)	X'32'	0	SPTR4000	"50" Trace element
		1... ..		SPTRJ100	"X'80" Trace element 8#0104
256	(100)	SIGNED	4	(0)	Align SEL on fullword

Comment

Service Entrance List

End of Comment

256	(100)	BITSTRING	1	GRSPSEL	SSISERV Service Entrance 7#15606T6D
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Comment

SDUMPX Parameter List. 0

GRSPDMPL SDUMPX MF=L, 0

End of Comment

368	(170)	SIGNED	4	GRSPDMPL (0)	SDUMP PARAMETER LIST
368	(170)	ADDRESS	1		FLAG BYTE
369	(171)	ADDRESS	1		FLAG BYTE
370	(172)	ADDRESS	1		FLAG BYTE
371	(173)	ADDRESS	1		FLAG BYTE
372	(174)	ADDRESS	4		ADDRESS OF DCB
376	(178)	ADDRESS	4		ADDRESS OF STORAGE LIST
380	(17C)	ADDRESS	4		ADDRESS OF USER DATA
384	(180)	ADDRESS	4		ADDRESS OF ECB/SRB
388	(184)	ADDRESS	2		CURRENT ASID
390	(186)	ADDRESS	2		OTHER ASID
392	(188)	ADDRESS	4		ADDRESS OF ASID LIST
396	(18C)	ADDRESS	4		ADDRESS OF SUMLIST/SUMLSTA LIST
400	(190)	ADDRESS	4		RESERVED
404	(194)	ADDRESS	4		RESERVED
408	(198)	ADDRESS	1		FLAG BYTE
409	(199)	ADDRESS	1		CONTROL FLAG BYTE
410	(19A)	ADDRESS	1		TYPE FLAG BYTE
411	(19B)	ADDRESS	1		VERSION
412	(19C)	ADDRESS	1		EXIT FLAG BYTE
413	(19D)	ADDRESS	1		EXIT FLAG BYTE
414	(19E)	ADDRESS	1		SDATA OPTIONS
415	(19F)	ADDRESS	1		RESERVED SDATA OPTIONS
416	(1A0)	ADDRESS	4		ADDRESS OF SUBPLST
420	(1A4)	ADDRESS	4		ADDRESS OF KEYLIST
424	(1A8)	ADDRESS	4		RESERVED
428	(1AC)	ADDRESS	4		ALET OF DCB PARAMETER
432	(1B0)	ADDRESS	4		ALET OF STORAGE PARAM
436	(1B4)	ADDRESS	4		ALET OF HDR PARAMETER
440	(1B8)	ADDRESS	4		ALET OF ASIDLST PARAM
444	(1BC)	ADDRESS	4		ALET OF SUMLIST PARAM
448	(1C0)	ADDRESS	4		ALET OF SUBPLST PARAM
452	(1C4)	ADDRESS	4		ALET OF KEYLIST PARAM
456	(1C8)	ADDRESS	4		No LIST64/LISTD
460	(1CC)	ADDRESS	4		No ALET for LISTD/LIST64
464	(1D0)	ADDRESS	4		No SUMLSTL or SUMLIST64
468	(1D4)	ADDRESS	4		ALET SUMLSTL or SUMLIST64
472	(1D8)	ADDRESS	4	(2)	RESERVED 0094

IATYGRSP Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- 15606T6A					
DSB copy used for clear and restore 15606T6A					
----- 15606T6A					
End of Comment					
480	(1E0)	BITSTRING	324	GRSPDSBC	DSB copy area 15606T6A
804	(324)	SIGNED	4	GRSPRGSV (15)	Register save area
864	(360)	SIGNED	4	GRSPSAVL (15)	SPGETLK/SPRELLK save area 15606T6A
Comment					

End of data area.					

End of Comment					
864	(360)	X'39C'	0	GRSPEND	*** End of GRSP
864	(360)	X'39C'	0	GRSPSIZE	"GRSPEND-GRSPSTRT" Size of GRSP
Comment					
IATYGRSP PREVIOUSLY GENERATED					
End of Comment					

IATYGRSP Cross Reference

Name

GRSPABSV
 GRSPACB
 GRSPCMD
 GRSPCMSP
 GRSPDEB
 GRSPDFR
 GRSPDFRR
 GRSPDMC
 GRSPDMCB
 GRSPDMCE
 GRSPDMPL
 GRSPDSB
 GRSPDSBC
 GRSPDSS
 GRSPECB
 GRSPEND
 GRSPFLG1
 GRSPFLG2
 GRSPFTCB
 GRSPFULK
 GRSPF202
 GRSPID
 GRSPINTR
 GRSPJIB
 GRSPJINP
 GRSPJLSI
 GRSPJSP
 GRSPKUB
 GRSPMEM
 GRSPMEML

Name

GRSPOTCB
GRSPOTDS
GRSPPRJM
GRSPPRSM
GRSPPTCB

GRSPRAB
GRSPRCDO
GRSPRECR
GRSPRECV
GRSPRGSV

GRSPRSV1
GRSPRSV2
GRSPSAVL
GRSPSEL
GRSPSINP

GRSPSIZE
GRSPSTCF
GRSPSTCK
GRSPSTRT
GRSPSVT

GRSPTMFW
GRSPTMHH
GRSPTMMM
GRSPTMPR
GRSPTMSN

GRSPTMSS
GRSPTMTH
GRSPTMWK
GRSPTRCE
GRSPTRID

GRSPWALN
GRSPYSJM
SPTRJ100
SPTR0000
SPTR0010

SPTR1000
SPTR1010
SPTR1020
SPTR1100
SPTR1200

SPTR1300
SPTR1400
SPTR1500
SPTR2000
SPTR2100

SPTR2200
SPTR2300
SPTR2400
SPTR3000
SPTR3100

SPTR3200
SPTR4000

IATYG004 Information

IATYG004 Heading Information

Common Name: JES3 GTF Record - Subtype 04
Macro ID: IATYG004
DSECT Name: G004STRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 1
Size: G004LEN bytes
Created by: IATNTTTR
Pointed to by: None
Serialization: None
Function: This macro maps the subtype 04 JES3 GTF record.
 This record gets created when a Netserv or Socket
 level activity traced by IAZNTCP causes the JES3
 trace exit in IATNTTXR to get called.

IATYG004 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	G004STRT	, GTF Record Subtype 04
Comment					
Fixed Section of Trace Record. Note: This section must not change from release to release or via an APAR.					
End of Comment					
0	(0)	X'4'	0	G004TYPE	"04" Record type
0	(0)	SIGNED	2	G004REL	Release indicator
0	(0)	X'1'	0	G004CURR	"G004730" Current release indicator
0	(0)	X'1'	0	G004730	"1" HJS7730 indicator
2	(2)	SIGNED	2	G004VER	Version indicator
2	(2)	X'1'	0	G004CURV	"G004V001" Current version indicator
2	(2)	X'1'	0	G004V001	"1" Initial version
4	(4)	CHARACTER	8	G004ORIG	System name where GTF record was written
Comment					
Data prefix section of Trace Record. This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section. The overall length of the record must not exceed 8192 (x'2000) including the fixed and prefix sections. If longer records need to be written, they must be split into continuation records.					
End of Comment					
12	(C)	CHARACTER	8	G004RNAM	Record name (indicates Netserv or socket for the trace level, and I (internal) or J (JES))
20	(14)	CHARACTER	8	G004SOCK	Socket name, blank if this is a Netserv level trace
28	(1C)	BITSTRING	1	G004TRFG	Flags (from IAZYTPRM -> TPRMTRFG)
29	(1D)	BITSTRING	1	G004JTF1	JES3 specific trace flags 1
		1... ..		G004CONT	"X'80" Record is a continuation
		.1.		G004R040	"X'40" Reserved for IBM
		..1.		G004R020	"X'20" Reserved for IBM
		...1		G004R010	"X'10" Reserved for IBM
		.... 1...		G004R008	"X'08" Reserved for IBM

IATYG004 Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... .1..		G004R004	"X'04" Reserved for IBM
		.... ..1.		G004R002	"X'02" Reserved for IBM
		.... ...1		G004R001	"X'01" Reserved for IBM
30	(1E)	SIGNED	2	G004TRLN	Length (from IAZYTPRM -> TPRMTRLN)
30	(1E)	X'20'	0	G004FSIZ	** -G004STRT" Size of record up to data
30	(1E)	X'1FD8'	0	G004MXAV	"(8192-G004FSIZ-GTRCHLEN)" Maximum data size
32	(20)	BITSTRING	1	G004DATA	Trace data

Comment

End of GTF record.

End of Comment

8184	(1FF8)	BITSTRING	1	G004END (0)	End of GTF record
8184	(1FF8)	X'1FF8'	0	G004LEN	"G004END-G004STRT" Size of GTF record

IATYG004 Cross Reference

Name

G004CONT
 G004CURR
 G004CURV
 G004DATA
 G004END
 G004FSIZ
 G004JTF1
 G004LEN
 G004MXAV
 G004ORIG
 G004REL
 G004RNAM
 G004R001
 G004R002
 G004R004
 G004R008
 G004R010
 G004R020
 G004R040
 G004SOCK
 G004STRT
 G004TRFG
 G004TRLN
 G004TYPE
 G004VER
 G004V001
 G004730

IATYG007 Information

IATYG007 Heading Information

Common Name: JES3 GTF Record - Subtype 7
Macro ID: IATYG007
DSECT Name: G007STRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 0
Size: G007LEN bytes
Created by: IATSIAD
Pointed to by: None
Serialization: None
Function: This macro maps the subtype 7 JES3 GTF record.
 This record gets created when a multiple-buffer
 input data set is unallocated.

IATYG007 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	G007STRT	, GTF Record Subtype 7
Comment					
<p>Fixed Section of Trace Record. Note: This section mapping must not change from release to release or via an APAR.</p>					
End of Comment					
0	(0)	X'7'	0	G007TYPE	"07" Record type
0	(0)	SIGNED	2	G007REL	Release indicator
0	(0)	X'1'	0	G007CURR	"G007740" Current release indicator
0	(0)	X'1'	0	G007740	"1" HJS7740 indicator
2	(2)	SIGNED	2	G007VER	Version indicator
2	(2)	X'1'	0	G007CURV	"G007V001" Current version indicator
2	(2)	X'1'	0	G007V001	"1" Initial version
4	(4)	CHARACTER	8	G007ORIG	System name where GTF record was written
Comment					
<p>Data prefix section of Trace Record. This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section. The overall length of the record must not exceed 8192 (x'2000') including the fixed and prefix sections. If longer records need to be written, they must be split into continuation records.</p>					
End of Comment					
12	(C)	CHARACTER	8	G007JNAM	Job name
20	(14)	CHARACTER	8	G007JID	Job id
28	(1C)	CHARACTER	8	G007DDNM	DD name
36	(24)	SIGNED	4	G007JNUM	Job number of processed job if SAPI/PSO request
40	(28)	SIGNED	4	G007BWST	Cumulative count of wasted read buffers. Those buffers contained data from other files.
44	(2C)	BITSTRING	1	G007BUFN	Number of buffers defined
45	(2D)	BITSTRING	1	G007BALC	Buffers currently allocated
46	(2E)	BITSTRING	1	G007BUSD	Buffers currently used
47	(2F)	BITSTRING	1	G007BHWA	High-water mark for alloc. buffers
48	(30)	BITSTRING	1	G007BHWU	High-water mark for used buffers

IATYG007 Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
49	(31)	BITSTRING	1	G007RSV1 (3)	Reserved for IBM
52	(34)	SIGNED	4	G007RSV2	Reserved for IBM
52	(34)	X'38'	0	G007FSIZ	"*-G007STRT" Size of record up to data

Comment

End of GTF record.

End of Comment

56	(38)	BITSTRING	1	G007END (0)	End of GTF record
56	(38)	X'38'	0	G007LEN	"G007END-G007STRT" Size of GTF record

IATYG007 Cross Reference

Name

G007BALC
 G007BHWA
 G007BHWU
 G007BUFN
 G007BUSD
 G007BWST
 G007CURR
 G007CURV
 G007DDNM
 G007END
 G007FSIZ
 G007JID
 G007JNAM
 G007JNUM
 G007LEN
 G007ORIG
 G007REL
 G007RSV1
 G007RSV2
 G007STRT
 G007TYPE
 G007VER
 G007V001
 G007740

IATYG014 Information

IATYG014 Heading Information

Common Name: JES3 GTF Record - Subtype 14
Macro ID: IATYG014
DSECT Name: G014STRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 1
Size: G014LEN bytes
Created by: IATMSEWL
Pointed to by: None
Serialization: None
Function: This macro maps the subtype 14 JES3 GTF record.

IATYG014 Map

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
0	(0)	STRUCTURE	0	G014STRT	, GTF Record Subtype 14	
Comment						
Fixed Section of Trace Record.						
Note: This section must not change from release to release or via an APAR.						
End of Comment						
0	(0)	X'E'	0	G014TYPE	"14" Record type	
0	(0)	SIGNED	2	G014REL	Release indicator	
0	(0)	X'1'	0	G014CURR	"G014606" Current release indicator	
0	(0)	X'1'	0	G014606	"1" HJS6606 indicator	
2	(2)	SIGNED	2	G014VER	Version indicator	
2	(2)	X'1'	0	G014CURV	"G014V001" Current version indicator	
2	(2)	X'1'	0	G014V001	"1" Initial version	
4	(4)	CHARACTER	8	G014ORIG	System name where GTF record was written	
Comment						
This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section.						
End of Comment						
12	(C)	CHARACTER	12	G014RNAM	Record name (WLMENF)	
24	(18)	CHARACTER	8	G014SYSN	System name associated with with the event	
32	(20)	SIGNED	4	G014ECOD	Event code	
36	(24)	SIGNED	4	G014EQAL	Event qualifier	
40	(28)	BITSTRING	8	G014TIME	Time stamp	
48	(30)	ADDRESS	4	G014MWEV	MDS WEV address (if one was created)	
52	(34)	ADDRESS	4	G014GWEV	GMS WEV address (if one was created)	
56	(38)	BITSTRING	1	G014WEVT	WEV type if a WEV was created	
57	(39)	BITSTRING	7	G014RSVD	Reserved for dev/service	
Comment						
----- Start of event specific information. -----						
End of Comment						
64	(40)	BITSTRING	32	G014SPEC	Event specific info	

IATYG014 Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

Scheduling environment available/unavailable specific information.					

End of Comment					
64	(40)	CHARACTER	16	G014SCHE	Scheduling environment
Comment					

Reset service class specific information.					

End of Comment					
64	(40)	CHARACTER	8	G014JNAM	Job name
72	(48)	CHARACTER	8	G014JBID	Job id
80	(50)	BITSTRING	8	G014STKN	STOKEN of address space
Comment					

End of GTF record.					

End of Comment					
96	(60)	BITSTRING	1	G014END (0)	End of GTF record
96	(60)	X'60'	0	G014LEN	"G014END-G014STRT" Size of GTF record

IATYG014 Cross Reference

Name

G014CURR
 G014CURV
 G014ECOD
 G014END
 G014EQAL
 G014GWEV
 G014JBID
 G014JNAM
 G014LEN
 G014MWEV
 G014ORIG
 G014REL
 G014RNAM
 G014RSVD
 G014SCHE
 G014SPEC
 G014STKN
 G014STRT
 G014SYSN
 G014TIME
 G014TYPE
 G014VER
 G014V001
 G014WEVT
 G014606

IATYG015 Information

IATYG015 Heading Information

Common Name: JES3 GTF Record - Subtype 15
Macro ID: IATYG015
DSECT Name: G015STRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 1
Size: G015LEN bytes
Created by: IATMDWLE
Pointed to by: None
Serialization: None
Function: This macro maps the subtype 15 JES3 GTF record.

IATYG015 Map

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
0	(0)	STRUCTURE	0	G015STRT	, GTF Record Subtype 15	
Comment						
Fixed Section of Trace Record.						
Note: This section must not change from release to release or via an APAR.						
End of Comment						
0	(0)	X'F'	0	G015TYPE	"15" Record type	
0	(0)	SIGNED	2	G015REL	Release indicator	
0	(0)	X'1'	0	G015CURR	"G015606" Current release indicator	
0	(0)	X'1'	0	G015606	"1" HJS6606 indicator	
2	(2)	SIGNED	2	G015VER	Version indicator	
2	(2)	X'1'	0	G015CURV	"G015V001" Current version indicator	
2	(2)	X'1'	0	G015V001	"1" Initial version	
4	(4)	CHARACTER	8	G015ORIG	System name where GTF record was written	
Comment						
This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section.						
End of Comment						
12	(C)	CHARACTER	12	G015RNAM	Record name	
24	(18)	CHARACTER	8	G015SYSN	System name associated with with the event	
32	(20)	ADDRESS	4	G015FCTA	FCT address	
36	(24)	ADDRESS	4	G015WEVA	WEV address	
40	(28)	BITSTRING	8	G015TIME	Time stamp	
48	(30)	BITSTRING	1	G015WTYP	WLM event type (WEVTYPE)	
49	(31)	BITSTRING	7	G015RSVD	Reserved for dev/service	
Comment						
----- Start of event specific information. -----						
End of Comment						
56	(38)	BITSTRING	32	G015SPEC	Event specific info	

IATYG015 Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

Scheduling environment available/unavailable specific information.					

End of Comment					
56	(38)	CHARACTER	16	G015SCHE	Scheduling environment
Comment					
End of GTF record.					
End of Comment					
88	(58)	BITSTRING	1	G015END (0)	End of GTF record
88	(58)	X'58'	0	G015LEN	"G015END-G015STRT" Size of GTF record

IATYG015 Cross Reference

Name

G015CURR
 G015CURV
 G015END
 G015FCTA
 G015LEN
 G015ORIG
 G015REL
 G015RNAM
 G015RSVD
 G015SCHE
 G015SPEC
 G015STRT
 G015SYSN
 G015TIME
 G015TYPE
 G015VER
 G015V001
 G015WEVA
 G015WTYP
 G015606

IATYG016 Information

IATYG016 Heading Information

Common Name: JES3 GTF Record - Subtype 16
Macro ID: IATYG016
DSECT Name: G016STRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 1
Size: G016LEN bytes
Created by: IATMDWLE
Pointed to by: None
Serialization: None
Function: This macro maps the subtype 16 JES3 GTF record.

IATYG016 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	G016STRT	, GTF Record Subtype 16
Comment					
Fixed Section of Trace Record.					
Note: This section must not change from release to release or via an APAR.					
End of Comment					
0	(0)	X'10'	0	G016TYPE	"16" Record type
0	(0)	SIGNED	2	G016REL	Release indicator
0	(0)	X'1'	0	G016CURR	"G016606" Current release indicator
0	(0)	X'1'	0	G016606	"1" HJS6606 indicator
2	(2)	SIGNED	2	G016VER	Version indicator
2	(2)	X'1'	0	G016CURV	"G016V001" Current version indicator
2	(2)	X'1'	0	G016V001	"1" Initial version
4	(4)	CHARACTER	8	G016ORIG	System name where GTF record was written
Comment					
This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section.					
End of Comment					
12	(C)	CHARACTER	12	G016RNAM	Record name
24	(18)	CHARACTER	8	G016SYSN	System name associated with with the event
32	(20)	ADDRESS	4	G016FCTA	FCT address
36	(24)	ADDRESS	4	G016WEVA	WEV address
40	(28)	BITSTRING	8	G016TIME	Time stamp (from the WEV)
48	(30)	BITSTRING	1	G016WTYP	WLM event type (from the WEV)
49	(31)	BITSTRING	3	G016RSV1	Reserved for dev/service
52	(34)	CHARACTER	8	G016JNAM	Job name
60	(3C)	CHARACTER	8	G016JBID	Job id
68	(44)	CHARACTER	16	G016SCHE	Scheduling environment
84	(54)	BITSTRING	4	G016MMSK	Job's main mask (RQMAINS)
88	(58)	BITSTRING	1	G016OIDX	Old RQINDEX value
89	(59)	BITSTRING	1	G016NIDX	New RQINDEX value
90	(5A)	BITSTRING	2	G016RSV2	Reserved for dev/service
92	(5C)	BITSTRING	4	G016OSEM	Old RQSCEMM value
96	(60)	BITSTRING	4	G016NSEM	New RQSCEMM value
100	(64)	BITSTRING	32	G016OJST	Old RQJSTAT value
132	(84)	BITSTRING	32	G016NJST	New RQJSTAT value

IATYG016 Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
164	(A4)	BITSTRING	8	G016RSV3	Reserved for dev/service
Comment					
End of GTF record.					
End of Comment					
172	(AC)	BITSTRING	1	G016END (0)	End of GTF record
172	(AC)	X'AC'	0	G016LEN	"G016END-G016STRT" Size of GTF record

IATYG016 Cross Reference

Name

G016CURR
 G016CURV
 G016END
 G016FCTA
 G016JBID
 G016JNAM
 G016LEN
 G016MMSK
 G016NIDX
 G016NJST
 G016NSEM
 G016OIDX
 G016OJST
 G016ORIG
 G016OSEM
 G016REL
 G016RNAM
 G016RSV1
 G016RSV2
 G016RSV3
 G016SCHE
 G016STRT
 G016SYSN
 G016TIME
 G016TYPE
 G016VER
 G016V001
 G016WEVA
 G016WTYP
 G016606

IATYG017 Information

IATYG017 Heading Information

Common Name: JES3 GTF Record - Subtype 17
Macro ID: IATYG017
DSECT Name: G017STRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 1
Size: G017LEN bytes
Created by: IATMSWLE
Pointed to by: None
Serialization: None
Function: This macro maps the subtype 17 JES3 GTF record.

IATYG017 Map

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
0	(0)	STRUCTURE	0	G017STRT	, GTF Record Subtype 17	
Comment						
Fixed Section of Trace Record. Note: This section must not change from release to release or via an APAR.						
End of Comment						
0	(0)	X'11'	0	G017TYPE	"17" Record type	
0	(0)	SIGNED	2	G017REL	Release indicator	
0	(0)	X'1'	0	G017CURR	"G017606" Current release indicator	
0	(0)	X'1'	0	G017606	"1" HJS6606 indicator	
2	(2)	SIGNED	2	G017VER	Version indicator	
2	(2)	X'1'	0	G017CURV	"G017V001" Current version indicator	
2	(2)	X'1'	0	G017V001	"1" Initial version	
4	(4)	CHARACTER	8	G017ORIG	System name where GTF record was written	
Comment						
This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section.						
End of Comment						
12	(C)	CHARACTER	12	G017RNAM	Record name	
24	(18)	CHARACTER	8	G017SYSN	System name associated with with the event	
32	(20)	ADDRESS	4	G017FCTA	FCT address	
36	(24)	ADDRESS	4	G017WEVA	WEV address	
40	(28)	BITSTRING	8	G017TIME	Time stamp	
48	(30)	BITSTRING	1	G017WTYP	WLM event type (WEVTYPE)	
49	(31)	BITSTRING	7	G017RSVD	Reserved for dev/service	
Comment						
----- Start of event specific information. -----						
End of Comment						
56	(38)	BITSTRING	32	G017SPEC	Event specific info	

IATYG017 Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

Scheduling environment available/unavailable specific information.					

End of Comment					
56	(38)	CHARACTER	16	G017SCHE	Scheduling environment
Comment					
End of GTF record.					
End of Comment					
88	(58)	BITSTRING	1	G017END (0)	End of GTF record
88	(58)	X'58'	0	G017LEN	"G017END-G017STRT" Size of GTF record

IATYG017 Cross Reference

Name

G017CURR
 G017CURV
 G017END
 G017FCTA
 G017LEN
 G017ORIG
 G017REL
 G017RNAM
 G017RSVD
 G017SCHE
 G017SPEC
 G017STRT
 G017SYSN
 G017TIME
 G017TYPE
 G017VER
 G017V001
 G017WEVA
 G017WTYP
 G017606

IATYG018 Information

IATYG018 Heading Information

Common Name: JES3 GTF Record - Subtype 18
Macro ID: IATYG018
DSECT Name: G018STRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 1
Size: G018LEN bytes
Created by: IATMSWLE
Pointed to by: None
Serialization: None
Function: This macro maps the subtype 18 JES3 GTF record.

IATYG018 Map

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
0	(0)	STRUCTURE	0	G018STRT	, GTF Record Subtype 18	
Comment						
Fixed Section of Trace Record.						
Note: This section must not change from release to release or via an APAR.						
End of Comment						
0	(0)	X'12'	0	G018TYPE	"18" Record type	
0	(0)	SIGNED	2	G018REL	Release indicator	
0	(0)	X'1'	0	G018CURR	"G018606" Current release indicator	
0	(0)	X'1'	0	G018606	"1" HJS6606 indicator	
2	(2)	SIGNED	2	G018VER	Version indicator	
2	(2)	X'1'	0	G018CURV	"G018V001" Current version indicator	
2	(2)	X'1'	0	G018V001	"1" Initial version	
4	(4)	CHARACTER	8	G018ORIG	System name where GTF record was written	
Comment						
This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section.						
End of Comment						
12	(C)	CHARACTER	12	G018RNAM	Record name	
24	(18)	CHARACTER	8	G018SYSN	System name associated with with the event	
32	(20)	ADDRESS	4	G018FCTA	FCT address	
36	(24)	ADDRESS	4	G018WEVA	WEV address	
40	(28)	BITSTRING	8	G018TIME	Time stamp (from the WEV)	
48	(30)	BITSTRING	1	G018WTYP	WLM event type (from the WEV)	
49	(31)	BITSTRING	3	G018RSV1	Reserved for dev/service	
52	(34)	CHARACTER	8	G018JNAM	Job name	
60	(3C)	CHARACTER	8	G018JBID	Job id	
68	(44)	CHARACTER	16	G018SCHE	Scheduling environment	
84	(54)	BITSTRING	4	G018MMSK	Job's main mask (RQMAINS)	
88	(58)	BITSTRING	1	G018OIDX	Old RQINDEX value	
89	(59)	BITSTRING	1	G018NIDX	New RQINDEX value	

IATYG018 Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- Definition of G018FLG1. -----					
End of Comment					
90	(5A)	BITSTRING 1... .... .1..	1	G018FLG1 G018SETU G018RCSU	Flag byte one "X'80" Setup job (set if RQSETUP is on) "X'40" Restart or cancel setup request is in progress (set if RQRSCNS is on)
91	(5B)	BITSTRING	1	G018RSV2	Reserved for dev/service
92	(5C)	BITSTRING	4	G018OSEM	Old RQSCHEMM value
96	(60)	BITSTRING	4	G018NSEM	New RQSCHEMM value
100	(64)	BITSTRING	32	G018OJST	Old RQJSTAT value
132	(84)	BITSTRING	32	G018NJST	New RQJSTAT value
164	(A4)	BITSTRING	8	G018RSV3	Reserved for dev/service
Comment					
End of GTF record.					
End of Comment					
172	(AC)	BITSTRING	1	G018END (0)	End of GTF record
172	(AC)	X'AC'	0	G018LEN	"G018END-G018STRT" Size of GTF record

IATYG018 Cross Reference

Name

G018CURR
 G018CURV
 G018END
 G018FCTA
 G018FLG1
 G018JBID
 G018JNAM
 G018LEN
 G018MMSK
 G018NIDX
 G018NJST
 G018NSEM
 G018OIDX
 G018OJST
 G018ORIG
 G018OSEM
 G018RCSU
 G018REL
 G018RNAM
 G018RSV1
 G018RSV2
 G018RSV3
 G018SCHE
 G018SETU
 G018STRT
 G018SYSN
 G018TIME
 G018TYPE
 G018VER
 G018V001

Name

G018WEVA
G018WTYP
G018606

IATYG019 Information

IATYG019 Heading Information

Common Name: JES3 GTF Record - Subtype 19
Macro ID: IATYG019
DSECT Name: G019STRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 1
Size: G019LEN bytes
Created by: IATSISO
Pointed to by: None
Serialization: None
Function: This macro maps the subtype 19 JES3 GTF record.

IATYG019 Map

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
0	(0)	STRUCTURE	0	G019STRT	, GTF Record Subtype 19	
Comment						
Fixed Section of Trace Record. Note: This section must not change from release to release or via an APAR.						
End of Comment						
0	(0)	X'13'	0	G019TYPE	"19" Record type	
0	(0)	SIGNED	2	G019REL	Release indicator	
0	(0)	X'1'	0	G019CURR	"G019606" Current release indicator	
0	(0)	X'1'	0	G019606	"1" HJS6606 indicator	
2	(2)	SIGNED	2	G019VER	Version indicator	
2	(2)	X'1'	0	G019CURV	"G019V001" Current version indicator	
2	(2)	X'1'	0	G019V001	"1" Initial version	
4	(4)	CHARACTER	8	G019ORIG	System name where GTF record was written	
Comment						
This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section.						
End of Comment						
12	(C)	CHARACTER	8	G019CALL	Set to 'ENTRY', 'EXIT' or 'WAITWORK' to identify trace type	
20	(14)	CHARACTER	8	G019APPL	Application defined information (could be binary zeroes)	
28	(1C)	BITSTRING	8	G019TRTM	Thread request time stamp	
36	(24)	BITSTRING	8	G019GTTM	GTRACE time stamp	
44	(2C)	ADDRESS	4	G019ASOB	Application supplied SSOB address	
48	(30)	ADDRESS	4	G019ASS2	Application supplied SSS2 address	
52	(34)	ADDRESS	4	G019JSOB	Address of JES3 SSOB (a copy of caller's SSOB)	
56	(38)	ADDRESS	4	G019JSS2	Address of JES3 SSS2 (a copy of caller's SSS2)	
60	(3C)	BITSTRING	16	G019RSVD	Reserved for dev/service	

IATYG019 Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

Start of COW information.					
When tracing the COW prior to being sent to the global, only the 'checkpoint' section of the COW is traced.					
When tracing the COW prior to returning to the caller, the 'checkpoint' and 'dataset' sections of the COW is traced.					

End of Comment					
76	(4C)	BITSTRING	1	G019COW	
Comment					

Start of SSOB information.					

End of Comment					
1072	(430)	BITSTRING	1	G019SSOB	
Comment					

Start of SSS2 information.					

End of Comment					
1100	(44C)	BITSTRING	1	G019SSS2	
Comment					

End of GTF record.					

End of Comment					
2260	(8D4)	BITSTRING	1	G019END (0)	End of GTF record
2260	(8D4)	X'8D4'	0	G019LEN	"G019END-G019STRT" Size of GTF record

IATYG019 Cross Reference

Name

G019APPL
 G019ASOB
 G019ASS2
 G019CALL
 G019COW
 G019CURR
 G019CURV
 G019END
 G019GTTM
 G019JSOB
 G019JSS2
 G019LEN
 G019ORIG
 G019REL
 G019RSVD

Name

G019SSOB
G019SSS2
G019STRT
G019TRTM
G019TYPE

G019VER
G019V001
G019606

IATYG020 Information

IATYG020 Heading Information

Common Name: JES3 GTF Record - Subtype 20
Macro ID: IATYG020
DSECT Name: G020STRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 1
Size: G020LEN bytes
Created by: IATWLEVT
Pointed to by: None
Serialization: None
Function: This macro maps the subtype 20 JES3 GTF record.

IATYG020 Map

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
0	(0)	STRUCTURE	0	G020STRT	, GTF Record Subtype 20	
Comment						
Fixed Section of Trace Record.						
Note: This section must not change from release to release or via an APAR.						
End of Comment						
0	(0)	X'14'	0	G020TYPE	"20" Record type	
0	(0)	SIGNED	2	G020REL	Release indicator	
0	(0)	X'1'	0	G020CURR	"G020608" Current release indicator	
0	(0)	X'1'	0	G020608	"1" HJS6608 indicator	
2	(2)	SIGNED	2	G020VER	Version indicator	
2	(2)	X'1'	0	G020CURV	"G020V001" Current version indicator	
2	(2)	X'1'	0	G020V001	"1" Initial version	
4	(4)	CHARACTER	8	G020ORIG	System name where GTF record was written	
Comment						
This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section.						
End of Comment						
12	(C)	CHARACTER	12	G020RNAM	Record name	
24	(18)	CHARACTER	8	G020SYSN	System name associated with with the event	
32	(20)	ADDRESS	4	G020FCTA	FCT address	
36	(24)	ADDRESS	4	G020WEVA	WEV address	
40	(28)	BITSTRING	8	G020TIME	Time stamp	
48	(30)	BITSTRING	32	G020SRVD	WLM service definition	
80	(50)	BITSTRING	1	G020WTYP	WLM event type (WEVTYPE)	
81	(51)	BITSTRING	7	G020RSVD	Reserved for dev/service	
Comment						
----- Start of event specific information. -----						
End of Comment						
88	(58)	BITSTRING	32	G020SPEC	Event specific info	

IATYG020 Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

RESET jobname,SRVCLASS Specific Data					

End of Comment					
88	(58)	CHARACTER	8	G020_RSRVCL_JOBNAME	Job name
96	(60)	CHARACTER	8	G020_RSRVCL_JOBID	Job id
104	(68)	BITSTRING	8	G020_RSRVCL_STOKEN	STOKEN of address space where job is executing
Comment					

Deferred Service Class Check Specific Data					

End of Comment					
88	(58)	CHARACTER	8	G020_DEFSCCL_JOBNAME	Job name
96	(60)	CHARACTER	8	G020_DEFSCCL_JOBID	Job id
104	(68)	ADDRESS	4	G020_DEFSCCL_ASCB	ASCB of address space where job is executing
Comment					

End of GTF record.					

End of Comment					
120	(78)	BITSTRING	1	G020END (0)	End of GTF record
120	(78)	X'78'	0	G020LEN	"G020END-G020STRT" Size of GTF record

IATYG020 Cross Reference

Name

G020_DEFSCCL_ASCB

G020_DEFSCCL_JOBID

G020_DEFSCCL_JOBNAME

G020_RSRVCL_JOBID

G020_RSRVCL_JOBNAME

G020_RSRVCL_STOKEN

G020CURR

G020CURV

G020END

G020FCTA

G020LEN

G020ORIG

G020REL

G020RNAM

Name

G020RSVD
G020SPEC
G020SRVD
G020STRT
G020SYSN

G020TIME
G020TYPE
G020VER
G020V001
G020WEVA

G020WTYP
G020608

IATYG024 Information

IATYG024 Heading Information

Common Name: JES3 GTF Record - Subtype 24
Macro ID: IATYG024
DSECT Name: G024STRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 1
Size: G024LEN bytes
Created by: IATWLCSM
Pointed to by: None
Serialization: None
Function: This macro maps the subtype 24 JES3 GTF record.

IATYG024 Map

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
0	(0)	STRUCTURE	0	G024STRT	, GTF Record Subtype 24	
Comment						
Fixed Section of Trace Record. Note: This section must not change from release to release or via an APAR.						
End of Comment						
0	(0)	X'18'	0	G024TYPE	"24" Record type	
0	(0)	SIGNED	2	G024REL	Release indicator	
0	(0)	X'1'	0	G024CURR	"G024608" Current release indicator	
0	(0)	X'1'	0	G024608	"1" HJS6608 indicator	
2	(2)	SIGNED	2	G024VER	Version indicator	
2	(2)	X'2'	0	G024CURV	"G024V002" Current version indicator	
2	(2)	X'1'	0	G024V001	"1" Initial version	
2	(2)	X'2'	0	G024V002	"2" WLMBAL changes	
4	(4)	CHARACTER	8	G024ORIG	System name where GTF record was written	
Comment						
This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section. Note: GTF record 24 consists of the information that follows plus one entry for each service class that is registered to JES3. The service class information is mapped by DSECT G024SRVC.						
End of Comment						
12	(C)	BITSTRING	12	G024RNAM	Record name	
24	(18)	BITSTRING	8	G024TIME	Time stamp	
32	(20)	BITSTRING	32	G024SVDF	Service definition id	
64	(40)	SIGNED	4	G024BRET	IWMBSMP return code	
68	(44)	SIGNED	4	G024BRSN	IWMBSMP reason code	
72	(48)	SIGNED	2	G024SCLN	Size of Service Class entry	
74	(4A)	BITSTRING	22	G024RSVD	Reserved for IBM	
Comment						
End of GTF fixed GTF record.						
End of Comment						

IATYG024 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
96	(60)	BITSTRING	1	G024END (0)	End of fixed GTF record
96	(60)	X'60'	0	G024LEN	"G024END-G024STRT" Size of fixed GTF record

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	G024_SRVCSTRT	, Service Class Information
0	(0)	CHARACTER	8	G024_SRVCNAME	Service class name
8	(8)	SIGNED	4	G024_SRVCINDX	Service class index

Comment

 Statistics passed to WLM on the appropriate system.

End of Comment

12	(C)	SIGNED	4	G024_PLEXELIG	SYSPLEX eligible count
16	(10)	SIGNED	4	G024_PLEXINEL	SYSPLEX ineligible count
20	(14)	SIGNED	4	G024_PLEXLIMIT	SYSPLEX limited count
24	(18)	SIGNED	4	G024_SYSELIG	System eligible count
28	(1C)	SIGNED	4	G024_SYSINEL	System ineligible count
32	(20)	SIGNED	4	G024_SYSCONS	Number of jobs which have affinity to this system
36	(24)	SIGNED	4	G024_VAREND (0)	End of WLM service class information
36	(24)	X'24'	0	G024_VARLEN	"G024_VAREND-G024_SRVCSTRT" Size of WLM service class information

Comment

 Additional information that appears in the record
 created by the global.

End of Comment

36	(24)	SIGNED	4	G024_GLOBINFO (0)	Start of global information
36	(24)	SIGNED	4	G024_GLOBSTAT (0)	Start of global statistics
36	(24)	SIGNED	4	G024_MSWCOUNT	Number of jobs waiting to be scheduled for main service
40	(28)	SIGNED	4	G024_MDSCOUNT	Number of jobs in MDS
44	(2C)	SIGNED	4	G024_GMSCOUNT	Number of jobs in GMS select
48	(30)	SIGNED	4	G024_MNCOFFCT	Number of jobs ineligible because main is not connected or is offline
52	(34)	SIGNED	4	G024_GRPDISCT	Number of jobs ineligible because the group is disabled
56	(38)	SIGNED	4	G024_JOBHLDCT	Number of jobs ineligible because it is in operator hold
60	(3C)	SIGNED	4	G024_CLSDISCT	Number of jobs ineligible because the class is disabled
64	(40)	SIGNED	4	G024_SCHENVCT	Number of jobs ineligible because the scheduling environment is not available or undefined
68	(44)	SIGNED	4	G024_MSPARTCT	

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
72	(48)	SIGNED	4	G024_TDEPTHCT	Number of jobs ineligible because a marginal spool space condition exists
76	(4C)	SIGNED	4	G024_TLIMITCT	Number of jobs ineligible because the TDEPTH has been reached
80	(50)	SIGNED	4	G024_MDEPTHCT	Number of jobs ineligible because the TLIMIT has been reached
84	(54)	SIGNED	4	G024_MLIMITCT	Number of jobs ineligible because the MDEPTH has been reached
88	(58)	SIGNED	4	G024_RSVD1 (3)	Number of jobs ineligible because the MLIMIT has been reached
100	(64)	SIGNED	4	G024_VAREND2 (0)	Reserved for IBM
100	(64)	X'40'	0	G024_VARLEN2	End of JES3 global service class statistics
100	(64)	X'64'	0	G024_VARMXLEN	"G024_VAREND2-G024_GLOBINFO" Size of JES3 global service class statistics
					"G024_VAREND2-G024_SRVCSTRT" Maximum size of service class information

IATYG024 Cross Reference

Name

- G024_CLSDISCT
- G024_GLOBINFO
- G024_GLOBSTAT
- G024_GMSCOUNT
- G024_GRPDISCT
- G024_JOBHLDCT
- G024_MDEPTHCT
- G024_MDSCOUNT
- G024_MLIMITCT
- G024_MNCOFFCT
- G024_MSPARTCT
- G024_MSWCOUNT
- G024_PLEXELIG
- G024_PLEXINEL
- G024_PLEXLIMT
- G024_RSVD1
- G024_SCHENVCT
- G024_SRVCINDX

IATYG024 Cross Reference

Name

G024_SRVCNAME

G024_SRVCSTRT

G024_SYSCONS

G024_SYSELIG

G024_SYSINEL

G024_TDEPTHCT

G024_TLIMITCT

G024_VAREND

G024_VAREND2

G024_VARLEN

G024_VARLEN2

G024_VARMXLEN

G024BRET

G024BRSN

G024CURR

G024CURV

G024END

G024LEN

G024ORIG

G024REL

G024RNAM

G024RSVD

G024SCLN

G024STRT

G024SVDF

G024TIME

G024TYPE

G024VER

G024V001

G024V002

G024608

IATYG025 Information

IATYG025 Heading Information

Common Name: JES3 GTF Record - Subtype 25
Macro ID: IATYG025
DSECT Name: G025STRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 1
Size: G025LEN bytes
Created by: IATWLCSM
Pointed to by: None
Serialization: None
Function: This macro maps the subtype 25 JES3 GTF record.

IATYG025 Map

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
0	(0)	STRUCTURE	0	G025STRT	, GTF Record Subtype 25	
Comment						
Fixed Section of Trace Record.						
Note: This section must not change from release to release or via an APAR.						
End of Comment						
0	(0)	X'19'	0	G025TYPE	"25" Record type	
0	(0)	SIGNED	2	G025REL	Release indicator	
0	(0)	X'1'	0	G025CURR	"G025608" Current release indicator	
0	(0)	X'1'	0	G025608	"1" HJS6608 indicator	
2	(2)	SIGNED	2	G025VER	Version indicator	
2	(2)	X'1'	0	G025CURV	"G025V001" Current version indicator	
2	(2)	X'1'	0	G025V001	"1" Initial version	
4	(4)	CHARACTER	8	G025ORIG	System name where GTF record was written	
Comment						
This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section.						
Note: GTF record 25 consists of the information that follows plus one entry for each report class in the sampling matrix that has non-zero information. The report class information is mapped by DSECT G025RPTC.						
End of Comment						
12	(C)	BITSTRING	12	G025RNAM	Record name	
24	(18)	BITSTRING	8	G025TIME	Time stamp	
32	(20)	BITSTRING	32	G025SVDF	Service definition id	
64	(40)	SIGNED	4	G025BRET	IWMBSMP return code	
68	(44)	SIGNED	4	G025BRSN	IWMBSMP reason code	
72	(48)	BITSTRING	24	G025RSVD	Reserved for IBM	
Comment						
End of GTF fixed GTF record.						
End of Comment						
96	(60)	BITSTRING	1	G025END (0)	End of fixed GTF record	

IATYG025 Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
96	(60)	X'60'	0	G025LEN	"G025END-G025STRT" Size of fixed GTF record

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	G025RPTC	, Report Class Information
0	(0)	SIGNED	4	G025INDX	Report class index
4	(4)	SIGNED	4	G025PELG	SYSPLEX eligible count
8	(8)	SIGNED	4	G025PINL	SYSPLEX ineligible count
12	(C)	SIGNED	4	G025PLMT	SYSPLEX limited count
16	(10)	BITSTRING	1	G025VEND (0)	End of report class information
16	(10)	X'10'	0	G025VLEN	"G025VEND-G025RPTC" Size of report class information

IATYG025 Cross Reference

Name

G025BRET
 G025BRSN
 G025CURR
 G025CURV
 G025END

 G025INDX
 G025LEN
 G025ORIG
 G025PELG
 G025PINL

 G025PLMT
 G025REL
 G025RNAM
 G025RPTC
 G025RSVD

 G025STRT
 G025SVDF
 G025TIME
 G025TYPE
 G025VEND

 G025VER
 G025VLEN
 G025V001
 G025608

IATYG026 Information

IATYG026 Heading Information

Common Name: JES3 GTF Record - Subtype 26
Macro ID: IATYG026
DSECT Name: G026STRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 1
Size: G026LEN bytes
Created by: IATGRDLY
Pointed to by: None
Serialization: None
Function: This macro maps the subtype 26 JES3 GTF record.

IATYG026 Map

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
0	(0)	STRUCTURE	0	G026STRT	, GTF Record Subtype 26	
Comment						
Fixed Section of Trace Record. Note: This section must not change from release to release or via an APAR.						
End of Comment						
0	(0)	X'1A'	0	G026TYPE	"26" Record type	
0	(0)	SIGNED	2	G026REL	Release indicator	
0	(0)	X'1'	0	G026CURR	"G026608" Current release indicator	
0	(0)	X'1'	0	G026608	"1" HJS6608 indicator	
2	(2)	SIGNED	2	G026VER	Version indicator	
2	(2)	X'1'	0	G026CURV	"G026V001" Current version indicator	
2	(2)	X'1'	0	G026V001	"1" Initial version	
4	(4)	CHARACTER	8	G026ORIG	System name where GTF record was written	
Comment						
This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section.						
End of Comment						
12	(C)	BITSTRING	12	G026RNAM	Record name	
24	(18)	BITSTRING	8	G026TIME	Time stamp	
32	(20)	CHARACTER	8	G026JNAM	Job name	
40	(28)	CHARACTER	8	G026JBID	Job identifier	
48	(30)	CHARACTER	8	G026SRVC	Service class	
56	(38)	ADDRESS	4	G026FCT	FCT address	
Comment						
----- Old and new delay types -----						
End of Comment						
60	(3C)	CHARACTER	4	G026ODLY	Old delay type	
64	(40)	CHARACTER	4	G026NDLY	New delay type	

IATYG026 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

Old and new delay reason codes.					

End of Comment					
68	(44)	BITSTRING	1	G026ORSN	Old delay reason code
69	(45)	BITSTRING	1	G026NRSN	New delay reason code
70	(46)	BITSTRING	2	G026RSV1	Reserved for IBM
Comment					

Delay times					

End of Comment					
72	(48)	SIGNED	4	G026CONV	C/I delay
76	(4C)	SIGNED	4	G026OPER	Operational delay
80	(50)	SIGNED	4	G026JSSC	JES scheduling delay
84	(54)	SIGNED	4	G026RESC	Resource delay
Comment					

Control block addresses					

End of Comment					
88	(58)	ADDRESS	4	G026JQE	JQE address
92	(5C)	ADDRESS	4	G026RQ	RQ address or zero
96	(60)	ADDRESS	4	G026JQEX	JQEX address
Comment					

Miscellaneous information					

End of Comment					
100	(64)	BITSTRING	1	G026RIDX	RQ index (RQINDEX)
101	(65)	BITSTRING	3	G026RSV2	Reserved for IBM
104	(68)	SIGNED	4	G026MAIN	Job main mask (RQMAINS)
108	(6C)	SIGNED	4	G026SCMM	Scheduling environment main mask (RQSCEMM)
112	(70)	BITSTRING	16	G026RSV3	Reserved for IBM
Comment					

End of GTF fixed GTF record.					

End of Comment					
128	(80)	BITSTRING	1	G026END (0)	End of fixed GTF record
128	(80)	X'80'	0	G026LEN	"G026END-G026STRT" Size of fixed GTF record

IATYG026 Cross Reference**Name**

G026CONV
G026CURR
G026CURV
G026END
G026FCT

G026JBID
G026JNAM
G026JQE
G026JQEX
G026JSSC

G026LEN
G026MAIN
G026NDLY
G026NRSN
G026ODLY

G026OPER
G026ORIG
G026ORSN
G026REL
G026RESC

G026RIDX
G026RNAM
G026RQ
G026RSV1
G026RSV2

G026RSV3
G026SCMM
G026SRVC
G026STRT
G026TIME

G026TYPE
G026VER
G026V001
G026608

IATYHWS Information

IATYHWS Heading Information

Common Name: HIGHWATER SETUP TABLE
Macro ID: IATYHWS
DSECT Name: HWSENTRY, HWSMJLEN
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IATIHWS
 Offset: 0
 Length: 8
Storage Attributes: Main Storage: JESPOOL
 Auxiliary Storage: N/A
Size: Variable
Created by: IATINIF
Pointed to by: TIHWST in IATYTVT
Serialization: None
Function: This table contains the names of all device types eligible for High Watermark Setup processing. It also indicates which device names are subsets of other device names, for HWS, and Unit Affinity Processing.

IATYHWS Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYHWS	
0	(0)	SIGNED	4	HWSSTART (0)	
0	(0)	CHARACTER	8	HWSNAME	TABLE NAME
8	(8)	SIGNED	4	HWSSENT1	PTR TO 1ST REAL-DEV. ENTRY
12	(C)	SIGNED	4	HWSMSENT	PTR TO MS ENTRIES
16	(10)	SIGNED	4	HWSTENT	PTR TO TAPE ENTRIES
20	(14)	SIGNED	4	HWSDENT	PTR TO DIRECT ACCESS ENTRIES
24	(18)	SIGNED	4	HWSURENT	PTR TO UNIT RECORD ENTRIES
28	(1C)	SIGNED	4	HWSGRENT	PTR TO GRAPHICS ENTRIES
32	(20)	SIGNED	4	HWSFEND (0)	END OF FIXED PORTION
32	(20)	BITSTRING	1	HWSFLEN (0)	HEADER LENGTH: L'HWSFLEN

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	HWSENTRY	
0	(0)	SIGNED	4	HWSMJCHN	PTR TO NEXT MAJOR ENTRY
4	(4)	CHARACTER	8	HWSMajor	MAJOR GENERIC/ESOTERIC NAME
12	(C)	BITSTRING	1	HWSMJFLG	MAJOR ENTRY FLAG
13	(D)	BITSTRING	3	HWSMJRSV	RESERVED
16	(10)	SIGNED	2	HWSALTCT	MINOR ENTRY COUNT
20	(14)	SIGNED	4	HWSMJEND (0)	END OF MAJOR ENTRY
20	(14)	BITSTRING	1	HWSMJLEN (0)	MAJOR LENGTH

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	HWSMNENT	
0	(0)	CHARACTER	8	HWSMINOR	MINOR GENERIC/ESOTERIC NAME
8	(8)	BITSTRING	1	HWSMNFLG	MINOR ENTRY FLAG
9	(9)	BITSTRING	3	HWSMNRSV	RESERVED FOR DEVELOPMENT
12	(C)	BITSTRING	1	HWSMNEND (0)	END OF ENTRY
12	(C)	BITSTRING	1	HWSMNLEN (0)	MINOR LENGTH
12	(C)	X'1E'	0	HWSELEN	"30" ENTRY LENGTH FOR BUILDING

IATYHWS Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
DEFINITION OF HWSMJFLG					
End of Comment					
		11..		HWSMS	"X'00" MS DEVICE
		1...		HWSTAPE	"X'80" TAPE DEVICE
		.1..		HWSDACC	"X'40" DIRECT ACCESS DEVICE
		..1.		HWSUREC	"X'20" UNIT RECORD DEVICE
		...1		HWSGRAF	"X'10" GRAPHICS DEVICE
		.... 1..		HWSMJ08	"X'08" RESERVED 0793
		.... .1..		HWSMJ04	"X'04" RESERVED 0793
		.... ..1.		HWSMJ02	"X'02" RESERVED 0793
Comment					
DEFINITION OF HWSMNFLG					
End of Comment					
		1...		HWSMN80	"X'80" RESERVED 0793
		.... ..1.		HWSMN02	"X'02" RESERVED 0793 0793

IATYHWS Cross Reference

Name

HWSALTCT
 HWSDACC
 HWSIDENT
 HWSELEN
 HWSENTRY
 HWSSENT1
 HWSFEND
 HWSFLEN
 HWSGRAF
 HWSGRENT
 HWSMAJOR
 HWSMINOR
 HWSMJCHN
 HWSMJEND
 HWSMJFLG
 HWSMJLEN
 HWSMJRSV
 HWSMJ02
 HWSMJ04
 HWSMJ08
 HWSMNEND
 HWSMNENT
 HWSMNFLG
 HWSMNLEN
 HWSMNRSV
 HWSMN02
 HWSMN80
 HWSMS
 HWSMSENT
 HWSNAME
 HWSSTART
 HWSTAPE
 HWSTENT
 HWSUREC
 HWSURENT

Name

IATYHWS

IATYICT Information

IATYICT Programming Interface information

Programming Interface information

IATYICT

The following fields are **NOT** programming interface information:

- ICTABTRM
- ICTBLK
- ICTCACCT
- ICTCCLOS
- ICTCFIND
- ICTCNPRM
- ICTCOPEN
- ICTCPP
- ICTCQLPX
- ICTCQMGR
- ICTCWRT
- ICTESTAE
- ICTETXR
- ICTIIST
- ICTJBSDM
- ICTJDE
- ICTPRCAD
- ICTSDM
- ICTSDUMP
- ICTSEC
- ICTSECA
- ICTSPAFJ
- ICTSPAFS

End of Programming Interface information

Heading Information • IATYICT Map

IATYICT Heading Information

Common Name: INTERPRETER CONTROL TABLE
Macro ID: IATYICT
DSECT Name: IATYICT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: JES3 Private Area
 Auxiliary Storage: N/A
Size: 268 Bytes
Created by: ALOADED by IATINAT
Pointed to by: TVTICTCH in IATYTVT
 IDDICT in IATYIDD
 ICTCHN in IATYICT
Serialization: AENQ on ICT (serialize ICT chain)
 ICTALLOC flag (serialize the use of one
 C/I subtask)
Function: Contains Converter/Interpreter
 work area and status information

IATYICT Map

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
0	(0)	STRUCTURE	0	IATYICT		
0	(0)	SIGNED	4	ICTSTART (0)	START OF THE ICT	
Comment						
ICTID IATYMOD BR=NO IDENTIFY THE MODULE JES3 MODULE ENTRY POINT IDENTIFIER 01 Change Activity: \$SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0						
End of Comment						
0	(0)	CHARACTER	8	ICTID	MODULE NAME	
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU	
16	(10)	CHARACTER	8		DATE	
24	(18)	CHARACTER	6		TIME	
32	(20)	SIGNED	4	(0)		
32	(20)	ADDRESS	4		ADDRESS OF APARNUM	
36	(24)	SIGNED	4	ICTCHN	POINTER TO NEXT ICT	
40	(28)	BITSTRING	1	ICTCLR (0)	START OF ICT WORK AREA	
40	(28)	CHARACTER	8	ICTACMOD	NAME OF SUBTASK ACTIVE MODULE	
48	(30)	ADDRESS	4	ICTIIST	ADDRESS OF SUBTASK IATIIST USING THIS ICT.	
52	(34)	BITSTRING	1	ICTFLAG1	THIS IS USED FOR TRAPPING THE RIGHT SUBTASK FLAG ONE	
Comment						
----- DEFINITION OF ICTFLAG1 -----						
End of Comment						
	1... ..			ICTSJFTM	"X'80" PERFORM SJF TERMINATION 3361 PROCESSING 3361	
Comment						
THIS LINE DELETED BY APAR OY42703						
End of Comment						
	..1.			ICTSWAPR	"X'20" INVOKE SWA PROCESSING ROUTINE	
	...1			ICTFRSWA	"X'10" FREE SWA SUBPOOL - WHEN ZERO SUBPOOL HAS BEEN FREED	

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... 1...		ICTESTAF	"X'08" IATIIST'S ESTAE (STESTAEX) HAS BEEN PREVIOUSLY ENTERED
		.... .1..		ICTSBDDET	"X'04" SUBTASK IS DETACHED - SET BY THE SUBTASK ETXR
		.... ..1.		ICTSWASP	"X'02" PERFORM SWA SPOOLING
		.... ...1		ICTPCLOS	"X'01" CLOSE THE CURRENT PROCLIB
53	(35)	BITSTRING	1	ICTFLAG2	FLAG TWO
Comment					
----- DEFINITION OF ICTFLAG2 -----					
End of Comment					
		1...		ICTABND	"X'80" CI SUBTASK ABENDED - SET BY THE SUBTASK ETXR
		.1..		ICTCXPRC	"X'40" Perform converter exit processing on behalf of the CI subtask
		..1.		ICTOTSWB	"X'20" OUTPUT SWB PROCESSING IS 3361 REQUIRED FOR A JOB 3361
		...1		ICTINTA	"X'10" SUBTASK ACTIVE IN MVS C/I, 3361 SET SO ESTAE EXIT CLOSES 3361 JCLIN, JESJCL, SYMSG AND JCBLOCK DATA SETS
		.... 1...		ICTFINIS	"X'08" INTERP. FINISHED WITH JOB
		.... .1..		ICTINTRQ	"X'04" CONVERSION/INTERPRETATION IS REQUIRED FOR A JOB
		.... ..1.		ICTALLOC	"X'02" SUBTASK IS ALLOCATED (IN USE)
		.... ...1		ICTFABND	"X'01" FORCE SUBTASK ABEND - SET TO CAUSE THE SUBTASK TO RETURN TO THE CONTROL PROGRAM
54	(36)	BITSTRING	1	ICTFLAG3	FLAG THREE
Comment					
----- DEFINITION OF ICTFLAG3 -----					
End of Comment					
		1...		ICTSUBA	"X'80" SUBTASK IS ACTIVE
		.1..		ICTUX02	"X'40" USER EXIT IATUX02 IS JES3 DUMMY EXIT
		..1.		ICTUX03	"X'20" USER EXIT IATUX03 IS JES3 DUMMY EXIT
		...1		ICTRF310	"X'10" RESERVED
		.... 1...		ICTRF308	"X'08" RESERVED
		.... .1..		ICTRF304	"X'04" RESERVED
		.... ..1.		ICTRF302	"X'02" RESERVED
		.... ...1		ICTRF301	"X'01" RESERVED
55	(37)	BITSTRING	1	ICTFLAG4	FLAG FOUR
Comment					
----- DEFINITION OF ICTFLAG4 -----					
End of Comment					
		1...		ICTNODMP	"X'80" NO SDUMP FROM ESTAE
		.1..		ICTDMSSEL	"X'40" ICT FOR DEMAND SELECT JOB
		..1.		ICTBATCH	"X'20" ICT FOR BATCH JOB
		...1		ICTCIFSS	"X'10" ICT FOR SUBTASK WHICH IS USED TO START A CI FSS ADDR. SPACE
		.... 1...		ICTACEE	"X'08" ACEE CREATED DURING C/I 0039 SUBTASK PROCESSING 0039
		.... .1..		ICTRF404	"X'04" RESERVED

IATYICT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... ..1.		ICTRF402	"X'02" RESERVED
		.... ...1		ICTRF401	"X'01" RESERVED

Comment

 WORK AREAS AND POINTERS

End of Comment					
56	(38)	SIGNED	4	ICTIDD	PTR TO CURRENT IDD
60	(3C)	SIGNED	4	ICTEXTPT	PTR TO ICT EXTENSION
64	(40)	SIGNED	4	ICTISAV	INTERPRETER SAVE AREA PTR
68	(44)	SIGNED	4	ICTSSAV	SCHEDULER SAVE AREA PTR 1
72	(48)	ADDRESS	4	ICTTCB	TCB ADDRESS OF SUBTASK
76	(4C)	ADDRESS	4	ICTJSCB	JSCB ADDRESS FOR SUBTASK
80	(50)	SIGNED	4	ICTRSVFW	RESERVED FOR DEVELOPMENT
84	(54)	SIGNED	4	ICTUSER (2)	USER WORK AREA
92	(5C)	ADDRESS	4	ICTTVT	TVT ADDRESS
96	(60)	ADDRESS	4	ICTJDE	JDE ADDRESS FOR THIS ICT
100	(64)	ADDRESS	4	ICTSDWAS	SDWA ADDRESS
104	(68)	ADDRESS	4	ICTPRCAD	PROCLIB TABLE ADDRESS
108	(6C)	ADDRESS	4	ICTSECA	SECURITY PARAMETER LIST 0039
112	(70)	SIGNED	4	ICTECB	ECB FOR SUBTASK COMMUNICATION
116	(74)	SIGNED	4	ICTRES	ECB FOR SUBTASK ATTACH POST
120	(78)	SIGNED	4	ICTHDECB	ADDRESS SPACE JCL LIMIT QUIESCE ECB
124	(7C)	SIGNED	4	ICTINCNT	SUBTASK INTERPRETATION CNT.
128	(80)	SIGNED	2	ICTPARID	CURRENT PARM ID
130	(82)	BITSTRING	1	ICTTMPVSV	TEMPORARY WORK/SAVE AREA
131	(83)	BITSTRING	1	ICTSVKEY	PSW key save area
132	(84)	SIGNED	4	ICTMODSV	SAVE AREA FOR MODE SWITCHES
136	(88)	SIGNED	4	ICTRS1FD	RESERVED FOR DEVELOPMENT
140	(8C)	SIGNED	4	ICTRS2FS (2)	RESERVED FOR SERVICE
148	(94)	SIGNED	4	ICTRS2FU (2)	RESERVED FOR USER

Comment

 Variables for working with CI Text Elements

End of Comment					
156	(9C)	CHARACTER	8	ICTCXSTP	Step name not in PROC
164	(A4)	CHARACTER	8	ICTCXPST	Step name within a PROC
172	(AC)	CHARACTER	8	ICTCXDDN	DD Name for SYSIN data set

Comment

 In-Stream Data JES Exit Routine Variables

End of Comment					
180	(B4)	BITSTRING	1	ICTFLAG5	Flag 5
		1...		ICTOPEN	"X'80" Posted by IATIICX Open Exit
		.1..		ICTWRITE	"X'40" Posted by IATIICX Write Exit
		..1.		ICTCLOSE	"X'20" Posted by IATIICX Close Exit
180	(B4)	X'10'	0	ICTRF510	"x'10" Reserved
		.... 1...		ICTRF508	"X'08" Reserved
		.... .1..		ICTRF504	"X'04" Reserved
		.... ..1.		ICTRF502	"X'02" Reserved
		.... ...1		ICTRF501	"X'01" Reserved
181	(B5)	BITSTRING	3	ICTRSVD5	Reserved bytes
184	(B8)	SIGNED	4	ICTJDSHD	Address to the JDS Header for this job.

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
188	(BC)	SIGNED	4	ICTSINSQ	Sequence number assigned by the IICX Open exit routine for the next SYSIN dataset allocated to contain instream data from cataloged PROCs and INCLUDES.
192	(C0)	DBL WORD	8	ICTCONA (2)	Hex conversion work area
208	(D0)	SIGNED	4	ICTCONW	Hex conversion work area
216	(D8)	DBL WORD	8	ICTSTCKF	Work area for time stamp
224	(E0)	ADDRESS	4	ICTINRCD	Address of in-stream data record that the Write exit will write.

Comment

 CONVERTER PARAMETER LIST (CNPRM).
 NOTE: THE AMOUNT OF STORAGE DEFINED IS EQUAL TO THE
 SIZE OF THE FIXED PORTION OF THE CNPRM, THE
 SIZE OF THE EXIT LIST HEADER, PLUS THE SIZE
 OF THE FOUR EXIT ENTRIES.

End of Comment

228	(E4)	BITSTRING	160	ICTCNPRM	CONVERTER PARAMETER LIST
228	(E4)	BITSTRING	120	ICTCNCPPL	Converter Parm List header
348	(15C)	BITSTRING	8	ICTCNHDR	Exit entry list header
356	(164)	BITSTRING	8	ICTCNXIT	Internal Text exit
364	(16C)	BITSTRING	8	ICTCNXOP	SYSIN Open exit
372	(174)	BITSTRING	8	ICTCNXPT	SYSIN Write exit
380	(17C)	BITSTRING	1	ICTCNXCL	SYSIN Close exit

Comment

 MISCELLANEOUS PARAMETER LISTS.

ICTSPAFS DEFINES THE JES3 SPOOL
 ACCESS FACILITY PARAMETER LIST
 FOR SMS SCHEDULING INFORMATION
 SPOOL DATASET

End of Comment

388	(184)	BITSTRING	40	ICTSPAFS	ICTSPAFJ DEFINES THE JES3 SPOOL ACCESS FACILITY PARAMETER LIST FOR SMS JOB INFORMATION SPOOL DATASET
428	(1AC)	BITSTRING	44	ICTSPAFJ	RETAIN DBL WD ALIGNMENT
472	(1D8)	DBL WORD	8	(0)	RESERVED FOR IBM/SPACE PREVIOUSLY USED FOR RPL'S MOVED TO ICT EXTENSION
472	(1D8)	BITSTRING	156	ICTRSVS1	
628	(274)	SIGNED	2	ICTCPP (0)	
628	(274)	ADDRESS	4		.PRIMARY CELL COUNT
632	(278)	ADDRESS	4		.SECONDARY CELL COUNT
636	(27C)	ADDRESS	4		.CELL SIZE
640	(280)	ADDRESS	1		.SUBPOOL ID
641	(281)	ADDRESS	1		.KEY
642	(282)	BITSTRING	2		
644	(284)	ADDRESS	4		.TCB ADDRESS
648	(288)	BITSTRING	24		.HEADER
672	(2A0)	BITSTRING	172	ICTBLK	BLOCK SPOOLER PARM LIST
844	(34C)	BITSTRING	120	ICTSDM	SPOOL DATA MANAGEMENT PARM LIST ICTJBSDM DEFINES THE SPOOL DATA MANAGEMENT PARAMETER LIST FOR J3JBINFO
964	(3C4)	BITSTRING	1	ICTJBSDM	

IATYICT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- ROUTINES AND EXITS -----					
End of Comment					
1084	(43C)	ADDRESS	4	ICTAUX02	ADDR OF USER EXIT IATUX02
1088	(440)	ADDRESS	4	ICTAUX03	ADDR OF USER EXIT IATUX03
1092	(444)	ADDRESS	4	ICTCQMGR	IATIICX - C/I QMNGR ENTRY POINT - MOVE MODE
1096	(448)	ADDRESS	4	ICTCQLPX	IATIICX - C/I QMNGR ENTRY POINT - LOCATE MODE
1100	(44C)	ADDRESS	4	ICTCFIND	IATIIFD - PROCEDURE FIND EXIT ENTRY POINT
1104	(450)	ADDRESS	4	ICTCACCT	IATIICX - ACCOUNTING EXIT ENTRY POINT
1108	(454)	ADDRESS	4	ICTCOPEN	IATIICX - SYSIN Open exit entry point
1112	(458)	ADDRESS	4	ICTCWRT	IATIICX - SYSIN Write exit entry point
1116	(45C)	ADDRESS	4	ICTCCLOS	IATIICX - SYSIN Close exit entry point
1120	(460)	ADDRESS	4	ICTRSVAD	RESERVED FOR ROUTINE ADDRESS
1124	(464)	ADDRESS	4	ICTIORES	RESERVED FOR DEVELOPMENT
1128	(468)	ADDRESS	4	ICTETXR	IATIISB - ETXR ROUTINE 2829 ADDRESS 2829
1132	(46C)	ADDRESS	4	ICTRSVRT	RESERVED FOR ROUTINE ADDRESS
Comment					
----- DATA MANAGMENT CONTROL BLOCK ADDRESSES -----					
End of Comment					
1136	(470)	SIGNED	4	ICTJCDSS	JCLIN DSS POINTER 1
1140	(474)	SIGNED	4	ICTJCDEB	JCLIN DEB POINTER
1136	(470)	ADDRESS	4	ICTJBDSS	JCBLOCK DSS POINTER
1140	(474)	ADDRESS	4	ICTJBDEB	JCBLOCK DEB POINTER
1144	(478)	SIGNED	4	ICTJEDSS	JESJCL DSS POINTER 1
1148	(47C)	SIGNED	4	ICTJEDEB	JESJCL DEB POINTER
1152	(480)	SIGNED	4	ICTSYDSS	SYMSMSG DSS POINTER 1
1156	(484)	SIGNED	4	ICTSYDEB	SYMSMSG DEB POINTER 26
1160	(488)	SIGNED	4	ICTRSVD (3)	RESERVED FOR DEVELOPMENT
1172	(494)	SIGNED	4	ICTRSVS (3)	RESERVED FOR SERVICE
1184	(4A0)	SIGNED	4	ICTRSVU (3)	RESERVED FOR USER 14
1196	(4AC)	SIGNED	4	ICTEND (0)	END OF ICT WORK AREA
Comment					
----- IATINAT ENTRY REASON EQUATES -----					
End of Comment					
1196	(4AC)	X'0'	0	ICTFINIT	"0" FULL INITIALIZATION OF ALL CI SUBTASKS
1196	(4AC)	X'4'	0	ICTREINS	"4" CLEANUP/REINSTATE CI SUBTASK
1196	(4AC)	X'8'	0	ICTDSCRE	"8" CREATE ONE DEMAND SELECT CI SUBTASK
1196	(4AC)	X'C'	0	ICTBTCRE	"12" CREATE ONE BATCH CI SUBTASK
1196	(4AC)	X'10'	0	ICTCFCRE	"16" CREATE ONE CI SUBTASK THAT IS RESERVED FOR STARTING CI FSS ADDRESS SPACES
1196	(4AC)	X'14'	0	ICTDETSB	"20" DETACH/CLEANUP CI SUBTASK
1196	(4AC)	X'18'	0	ICTSTERM	"24" TERMINATE A CI SUBTASK 3361
1196	(4AC)	X'18'	0	ICTMXENT	"24" MAXIMUM ENTRY REASON 3361
1196	(4AC)	BITSTRING	1	ICTSEC (0)	SECURITY PARAMETER LIST 0039 POINTED TO BY ICTSECA 0039

IATYICT Cross Reference**Name**

IATYICT
ICTABND
ICTACEE
ICTACMOD
ICTALLOC

ICTAUX02
ICTAUX03
ICTBATCH
ICTBLK
ICTBTCRE

ICTCACCT
ICTCCLOS
ICTCFCRE
ICTCFIND
ICTCHN

ICTCIFSS
ICTCLOSE
ICTCLR
ICTCNCPL
ICTCNHDR

ICTCNPRM
ICTCNXCL
ICTCNXIT
ICTCNXOP
ICTCNXPT

ICTCONA
ICTCONW
ICTCOPEN
ICTCPP
ICTCQLPX

ICTCQMGR
ICTCWRT
ICTCXDDN
ICTCXPRC
ICTCX PST

ICTCXSTP
ICTDETSB
ICTDMSEL
ICTDSCRE
ICTECB

ICTEND
ICTESTAF
ICTETXR
ICTEXTPT
ICTFABND

ICTFINIS
ICTFINIT
ICTFLAG1
ICTFLAG2
ICTFLAG3

ICTFLAG4
ICTFLAG5
ICTFRSWA
ICTHDECB
ICTID

IATYICT Cross Reference

Name

ICTIDD
ICTIIST
ICTINCNT
ICTINRCD
ICTINTA

ICTINTRQ
ICTIORES
ICTISAV
ICTJBDEB
ICTJBDSS

ICTJBSDM
ICTJCDEB
ICTJCDSS
ICTJDE
ICTJDSHD

ICTJEDEB
ICTJEDSS
ICTJSCB
ICTMODSV
ICTMXENT

ICTNODMP
ICTOPEN
ICTOTSWB
ICTPARID
ICTPCLOS

ICTPRCAD
ICTREINS
ICTRES
ICTRF301
ICTRF302

ICTRF304
ICTRF308
ICTRF310
ICTRF401
ICTRF402

ICTRF404
ICTRF501
ICTRF502
ICTRF504
ICTRF508

ICTRF510
ICTRSVAD
ICTRSVD
ICTRSVD5
ICTRSVFW

ICTRSVRT
ICTRSVS
ICTRSVS1
ICTRSVU
ICTRS1FD

ICTRS2FS
ICTRS2FU
ICTSBDET
ICTSDM
ICTSDWAS

ICTSEC
ICTSECA
ICTSINSQ
ICTSJFTM
ICTSPAFJ

Name

ICTSPAFS
ICTSSAV
ICTSTART
ICTSTCKF
ICTSTERM

ICTSUBA
ICTSVKEY
ICTSWAPR
ICTSWASP
ICTSYDEB

ICTSYDSS
ICTTCB
ICTTMPV
ICTTVT
ICTUSER

ICTUX02
ICTUX03
ICTWRITE

IATYICTX Information

IATYICTX Programming Interface information

Programming Interface information

IATYICTX

The following fields are **NOT** programming interface information:

- ICTXJDE
- ICTXRPLJ
- ICTXRPLS

End of Programming Interface information

Heading Information • IATYICTX Map

IATYICTX Heading Information

Common Name: INTERPRETER CONTROL TABLE EXTENSION
Macro ID: IATYICTX
DSECT Name: IATYICTX, IATIICTX
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: JESPOOL (below 16M)
 Auxiliary Storage: N/A
Size: 752 Bytes
Created by: IATINAT (ALOADED)
Pointed to by: ICTEXTPT IN IATYICT
Serialization: None
Function: Contains the Converter/Interpreter information previously kept in the ICT, that must remain below 16M.

IATYICTX Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYICTX	
0	(0)	SIGNED	4	ICTXSTRT (0)	
Comment					
JES3 MODULE ENTRY POINT IDENTIFIER					
01 Change Activity:					
\$SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0					
End of Comment					
0	(0)	CHARACTER	8	ICTXID	MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM
Comment					
----- OPEN PARAMETER LIST (FOR PROCLIB) -----					
End of Comment					
36	(24)	SIGNED	2	ICTXMLOP (0)	
Comment					
OPEN (ICTXPDCB),MF=L					
End of Comment					
36	(24)	SIGNED	4	(0)	ALIGN LIST TO WORD
36	(24)	ADDRESS	1		Option byte
37	(25)	ADDRESS	3		DCB or ACB address
Comment					
----- PROCLIB DCB FOR CONVERTER -----					
ICTXPDCB DCB DSORG=PO,DEV D=DA,DDNAME=IATPLBXX,MACRF=(R)					
DATA CONTROL BLOCK					
End of Comment					
40	(28)	SIGNED	4	ICTXPDCB (0)	ORIGIN ON WORD BOUNDARY DIRECT ACCESS DEVICE INTERFACE

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
40	(28)	BITSTRING	16		FDAD, DVTBL
56	(38)	ADDRESS	4		KEYLEN, DEVT, TRBAL COMMON ACCESS METHOD INTERFACE
60	(3C)	ADDRESS	1		BUFNO, NUMBER OF BUFFERS
61	(3D)	ADDRESS	3		BUFCB, BUFFER POOL CONTROL BLOCK
64	(40)	ADDRESS	2		BUFL, BUFFER LENGTH
66	(42)	BITSTRING	2		DSORG, DATA SET ORGANIZATION
68	(44)	ADDRESS	4		IOBAD FOR EXCP OR RESERVED FOUNDATION EXTENSION
72	(48)	BITSTRING	1		BFTEK, BFALN, DCBE INDICATORS
73	(49)	ADDRESS	3		EODAD (END OF DATA ROUTINE ADDRESS)
76	(4C)	BITSTRING	1		RECFM (RECORD FORMAT)
77	(4D)	ADDRESS	3		EXLST (EXIT LIST ADDRESS) FOUNDATION BLOCK
80	(50)	CHARACTER	8		DDNAME
88	(58)	BITSTRING	1		OFLGS (OPEN FLAGS)
89	(59)	BITSTRING	1		IFLGS (IOS FLAGS)
90	(5A)	BITSTRING	2		MACR (MACRO FORMAT) BSAM-BPAM-QSAM INTERFACE
92	(5C)	BITSTRING	1		OPTCD, OPTION CODES
93	(5D)	ADDRESS	3		CHECK OR INTERNAL QSAM SYNCHRONIZING RTN.
96	(60)	ADDRESS	4		SYNAD, SYNCHRONOUS ERROR RTN. (3 BYTES)
100	(64)	SIGNED	2		INTERNAL ACCESS METHOD FLAGS
102	(66)	ADDRESS	2		BLKSIZE, BLOCK SIZE
104	(68)	SIGNED	4		INTERNAL ACCESS METHOD FLAGS
108	(6C)	ADDRESS	4		INTERNAL ACCESS METHOD USE BSAM-BPAM INTERFACE
112	(70)	ADDRESS	1		NCP, MAX NUM OF OUTSTANDING READ/WRITES
113	(71)	ADDRESS	3		EOBR, INTERNAL ACCESS METHOD USE
116	(74)	ADDRESS	4		EOBW, INTERNAL ACCESS METHOD USE
120	(78)	ADDRESS	1	(2)	FLAGS AND EITHER DIRCT OR BUFOFF
122	(7A)	ADDRESS	2		LRECL
124	(7C)	ADDRESS	4		CNTRL, NOTE, POINT
124	(7C)	X'58'	0	ICTXDCBL	**-'ICTXPDCB' LENGTH OF DCB

Comment

 NEL FOR THE INTERPRETER
 NOTE: THE SIZE OF THE NEL IS EQUAL TO THE TOTAL OF
 THE INTERPRETER FIXED SECTION, PLUS THE SIZE
 OF THE EXIT LISTS.

End of Comment

128	(80)	BITSTRING	1	ICTXNEL	NEL FOR THE INTERPRETER
-----	------	-----------	---	---------	-------------------------

Comment

 JES/INTERPRETER COMMUNICATION AREA

End of Comment

232	(E8)	BITSTRING	1	ICTXJICA	JES/INTERPRETER COMMUNI- CATION AREA (JICA)
-----	------	-----------	---	----------	---

Comment

----- 0
 TEMPORARY COPY OF JMR TO BE USED BY THE INTERPRETER
 ----- 0

End of Comment

IATYICTX Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
488	(1E8)	BITSTRING	176	ICTXJMR	TEMPORARY COPY OF THE JOB 0414 MANAGEMENT RECORD TO BE 0414 USED BY THE INTERPRETER. A COPY OF THE JMR IS REQUIRED 0414 BECAUSE THE INTERPRETER DOES NOT RUN AMODE 31.
664	(298)	SIGNED	4	ICTXJDE	JDE ADDRESS OF THIS ICTX
668	(29C)	SIGNED	4	ICTXSAVE (18)	SAVE AREA FOR INTERPRETER
740	(2E4)	SIGNED	4	ICTXRSVD	RESERVED FOR DEVELOPMENT
744	(2E8)	SIGNED	4	ICTXRSVS	RESERVED FOR SERVICE
748	(2EC)	SIGNED	4	ICTXRSVU	RESERVED FOR USER ICTXRPLS DEFINES THE JES3 REQUEST PARAMETER LIST FOR SMS SCHEDULING INFORMATION SPOOL DATA SET
752	(2F0)	DBL WORD	8	ICTXRPLS (0)	START OF J3SCINFO RPL
752	(2F0)	BITSTRING	80		ICTXRPLJ DEFINES THE JES3 REQUEST PARAMETER LIST FOR SMS JOB INFORMATION SPOOL DATA SET
832	(340)	DBL WORD	8	ICTXRPLJ (0)	START OF J3JBINFO RPL
832	(340)	BITSTRING	1		

IATYICTX Cross Reference

Name

IATYICTX
 ICTXDCBL
 ICTXID
 ICTXJDE
 ICTXJICA
 ICTXJMR
 ICTXMLOP
 ICTXNEL
 ICTXPDCB
 ICTXRPLJ
 ICTXRPLS
 ICTXRSVD
 ICTXRSVS
 ICTXRSVU
 ICTXSAVE
 ICTXSTRT

IATYIDA Information

IATYIDA Programming Interface information

Programming Interface information

IATYIDA

The following fields are **NOT** programming interface information:

- IDACAPST
- IDACENT1
- IDACICLN
- IDACIOPM
- IDAEIEST
- IDAELBST
- IDAFSSBE
- IDAFSSBS
- IDAFSSDS
- IDAFSSSEN
- IDAFSSST
- IDAFSTCK
- IDAPRCCL
- IDAPRCDS
- IDAPRCEN
- IDAPSSCH
- IDARETRY
- IDARQTPM
- IDASCHPM
- IDAXCIO

End of Programming Interface information

Heading Information • IATYIDA Map

IATYIDA Heading Information

Common Name: INTERPRETER DATA AREA
Macro ID: IATYIDA
DSECT Name: IATIIDA
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: SUBPOOL 0
 Auxiliary Storage: N/A
Size: 504 Bytes
Created by: IATINI1
Pointed to by: TVTIDAAD IN THE IATYTVT
 R13 FOR THE CI DRIVER FCT
Serialization: None
Function: Contains data related to the CI FSS'S
 which is used by the CI Driver and other
 functions.

IATYIDA Map

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
0	(0)	STRUCTURE	0	IATIIDA	INTERPRETER DATA AREA	
0	(0)	CHARACTER	8	IDAID	MODULE NAME	
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU	
16	(10)	CHARACTER	8		DATE	
24	(18)	CHARACTER	6		TIME	
32	(20)	SIGNED	4	(0)		
32	(20)	ADDRESS	4		ADDRESS OF APARNUM	
Comment						
CONTROL BLOCK PTRS, CONSTANTS, COUNTS						
End of Comment						
36	(24)	SIGNED	2	IDACTRSV	RESERVED	
40	(28)	ADDRESS	4	IDAELBST	IATINI1 ECF LIST CONTROL BLOCK	
44	(2C)	ADDRESS	4	IDAEIEST	IATINI1 START OF ECF ID ENTRIES	
48	(30)	ADDRESS	4	IDACFTST	IATINI1 POINTER TO FIRST CFT	
52	(34)	ADDRESS	4	IDACDFCT	IATINI1 CI DRIVER FCT ADDRESS	
56	(38)	ADDRESS	4	IDACLDSP	IATINI1 CI CLEANUP DSP DICTIONARY ADDRESS	
60	(3C)	SIGNED	4	IDAJORID	IATINI1 JES3 PORTION OF ORDER/RESPONSE IDENTIFICATION NUMBER (SAME AS CKJORDID)	
64	(40)	SIGNED	4	IDAFORID	LAST FSS ORDER/RESPONSE IDENTIFICATION NO. ASSIGNED (SET WHEN AN FSS CONNECTS OR IS FOUND TO BE ACTIVE OVER A JES3 RESTART)	
68	(44)	SIGNED	2	IDARSVD2	RESERVED FOR DEVELOPMENT	
70	(46)	SIGNED	2	IDAFSSCT	IATINI1 NUMBER OF CI FSS'S	
Comment						
This line deleted						
End of Comment						
72	(48)	SIGNED	4	IDARSVDV (4)	Reserved for IBM	
88	(58)	SIGNED	4	IDARSVSV (4)	RESERVED FOR SERVICE	
104	(68)	SIGNED	4	IDARSVUS (4)	RESERVED FOR USER	
Comment						
PROCLIB WORK AREA						
End of Comment						
120	(78)	ADDRESS	4	IDAPRCDS	PROCLIB DISABLE CHAIN	
124	(7C)	ADDRESS	4	IDAPRCEN	PROCLIB ENABLE CHAIN	
128	(80)	SIGNED	2	IDAPRCUP	IIPC/IEN NUMBER OF PROCLIBS BEING UPDATED	
130	(82)	SIGNED	2	IDAPRSRV	RESERVED	

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
CI SCHEDULING WORK AREA					
End of Comment					
132	(84)	SIGNED	4	IDAUXMMK	IATIICS MAINS ELIGIBLE FOR CI, MODIFIED BY IATUX46
Comment					
CI DRIVER DSP RESQUEUE CHAINS					
End of Comment					
136	(88)	ADDRESS	4	IDAPSCDS	DEMAND SELECT POSTSCAN SCHEDULING CHAIN
140	(8C)	ADDRESS	4	IDAPSCBT	BATCH POSTSCAN SCHEDULING CHAIN
Comment					
MODULE AND ROUTINE ENTRY POINTS <MODULE,ROUTINE NAME>					
End of Comment					
144	(90)	ADDRESS	4	IDAFSSRC	IATIIFR IATIIFR (FSS RECEIVE) E.P.
148	(94)	ADDRESS	4	IDAXCIO	IATIIOR CI ISSUE ORDER RTN.(IATXCIO)
152	(98)	ADDRESS	4	IDARETRY	IATIICJ CI DRIVER JESTAE RETRY RTN.
156	(9C)	SIGNED	4	IDAFSSBS (0)	START OF IATIIFS SUBROUTINES THESE ARE ORDER DEPENDENT
156	(9C)	ADDRESS	4	IDACICLN	IATIIFS CI JOB CLEANUP ROUTINE
160	(A0)	ADDRESS	4	IDACAPST	IATIIFS CONSOLE APPENDAGE POST RTN.
164	(A4)	ADDRESS	4	IDAPSSCH	IATIIFS POSTSCAN SCHEDULING ROUTINE
168	(A8)	ADDRESS	4	IDAFSTCK	IATIIFS FSS START CHECK ROUTINE
172	(AC)	ADDRESS	4	IDAFSSST	IATIIFS FSS STATUS CHANGE ROUTINE
176	(B0)	ADDRESS	4	IDAFSSDS	IATIIFS FSS PROCLIB DISABLE ROUTINE
180	(B4)	ADDRESS	4	IDAFSSEN	IATIIFS FSS PROCLIB ENABLE ROUTINE
184	(B8)	ADDRESS	4	IDAPRCLL	IATIIFS PROCLIB CLEANUP ROUTINE
188	(BC)	ADDRESS	4	IDAFSFLT	IATIIFS *FAIL timer expire routine
192	(C0)	SIGNED	4	IDAFSSBE (0)	END OF IATIIFS SUBROUTINES
192	(C0)	ADDRESS	4	IDARSVFS (3)	Reserved for additional IATIIFS routines
Comment					
PARAMETER AREA					
End of Comment					
204	(CC)	BITSTRING	16	IDACIOPM	IATXCIO PARAMETER LIST
220	(DC)	BITSTRING	16	IDASCHPM	IATXSCH PARAMETER LIST
236	(EC)	BITSTRING	16	IDARQTPM	RQTAADD/PUT PARAMETER LIST
252	(FC)	BITSTRING	20	IDACFSPA (0)	CI FSS START PARAMETER AREA
252	(FC)	BITSTRING	1	IDASPLLN	START PARAMETER LENGTH
253	(FD)	CHARACTER	7	IDAMODNM	CI FSS INITIALIZATION MODULE, NAME MUST NOT CONTAIN BLANKS
260	(104)	BITSTRING	1	IDASPMRS	RESERVED FOR START PARAMETER
Comment					
MISC CONSTANTS					
End of Comment					
272	(110)	BITSTRING	1	IDAFCRM	FSS route code mask - set to route code 42 (dest class JES) by IATINI1 during JES3 initialization

IATYIDA Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
<p style="text-align: center;">----- FLAGS -----</p>					
End of Comment					
289	(121)	BITSTRING	1	IDAFLG1	IDA FLAG ONE
Comment					
<p style="text-align: center;">----- DEFINITION OF IDAFLG1 -----</p>					
End of Comment					
		1... ..		IDAPSCNB	"X'80" POSTSCAN SCHEDULING ROUTINE PROCESSING BATCH JOBS
		.1.. ..		IDAJBFSS	"X'40" CURRENT JOB BEING PROCESSED STILL IN FSS ADDRESS SPACE IDACURRQ POINTS TO RESQUEUE
		..1.		IDAFLDMP	"X'20" *FAIL JOB WITH DUMP
		...1		IDAFL110	"X'10" RESERVED
		.... 1..		IDAFL108	"X'08" RESERVED
		.... .1..		IDAFL104	"X'04" RESERVED
		.... ..1.		IDAFL102	"X'02" RESERVED
		.... ...1		IDAFL101	"X'01" RESERVED
290	(122)	BITSTRING	1	IDAFLG2	IDA FLAG TWO JESTAE/RECOVERY FLAG
Comment					
<p style="text-align: center;">----- DEFINITION OF IDAFLG2 -----</p>					
End of Comment					
		1... ..		IDACNMSG	"X'80" IDACENT1 IS CONSOLE MESSAGE BUFFER
		.1.. ..		IDAPROCT	"X'40" IDACENT1 IS PROCLIB TABLE
		..1.		IDASTAR	"X'20" STAGING AREA BEING PROCESSED STAUFLG=STACTIVE FOR THE ACTIVE STAGING AREA
		...1		IDAINIT	"X'10" CI DRIVER INITIALIZATION PHASE
		.... 1..		IDAJRTRY	"X'08" JESTAE RETRY RTN. IN CONTROL
		.... .1..		IDACLNAC	"X'04" JOB CLEANUP ROUTINE (IDACICLN) IS ACTIVE
		.... ..1.		IDAPRDEC	"X'02" PROCLIB USE COUNT HAS BEEN DECREMENTED (ON ONLY IF IDACLNAC IS ALSO ON)
		.... ...1		IDAFL201	"X'01" RESERVED
291	(123)	BITSTRING	1	IDAFLG3	IDA FLAG THREE JOB CLEANUP ROUTINE OPTIONS
Comment					
<p style="text-align: center;">----- DEFINITION OF IDAFLG3 -----</p>					
End of Comment					
		1... ..		IDAPSCJB	"X'80" SCHEDULE JOB FOR POSTSCAN REQUEST
		.1.. ..		IDARESCI	"X'40" RETURN THE JOB TO JSS FOR CI RESCHEDULING
		..1.		IDASPRES	"X'20" RETURN THE JOB TO JSS FOR SPECIALIZED RESCHEDULING
		...1		IDACBCLN	"X'10" CLEANUP THE JOB'S CONTROL BLOCKS
		.... 1..		IDAJCTFD	"X'08" UPDATE JCT FDBS FROM RSQ FDBS
		.... .1..		IDAFL304	"X'04" RESERVED
		.... ..1.		IDAFL302	"X'02" RESERVED

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... ...1		IDAFL301	"X'01" RESERVED
292	(124)	BITSTRING	3	IDAFLRSD	RESERVED FOR DEVELOPMENT
295	(127)	BITSTRING	3	IDAFLRSS	RESERVED FOR SERVICE
298	(12A)	BITSTRING	3	IDAFLRSU	RESERVED FOR USER

Comment

GENERAL WORK AREA

End of Comment

304	(130)	SIGNED	4	IDACURRQ	CURRENT RQ BEING PROCESSED
308	(134)	SIGNED	4	IDACENT1	PTR TO ENTRY BEING PROCESSED

Comment

DM202 REASON CODES

End of Comment

308	(134)	X'4'	0	IDARXFSS	"4" IATXFSS SEVERE ERROR
308	(134)	X'8'	0	IDARELB	"8" INVALID ELB - IATXELA/ IATXELD/IATXELS ERROR
308	(134)	X'C'	0	IDARSTAR	"12" INVALID STAGING AREA FOUND
308	(134)	X'10'	0	IDARFSS	"16" INVALID FSS TABLE FOUND
308	(134)	X'14'	0	IDARBDRQ	"20" INVALID RQ FOUND
308	(134)	X'18'	0	IDAREIE	"24" INVALID/MISSING EIE
308	(134)	X'18'	0	IDARCMAX	"24" MAXIMUM REASON CODE

Comment

IATUX46/49 RETURN CODES

End of Comment

308	(134)	X'0'	0	IDA46J3G	"0" JES3 GLOBAL ADDRESS SPACE IS ELIGIBLE FOR CI
308	(134)	X'4'	0	IDA46NJG	"4" JES3 GLOBAL ADDRESS SPACE IS NOT ELIGIBLE FOR CI
308	(134)	X'10'	0	IDA46DMY	"16" JES3 GLOBAL ADDRESS SPACE IS ELIGIBLE FOR CI, USER EXIT IS A DUMMY EXIT
308	(134)	X'0'	0	IDA49ACC	"0" THE DSP HAS BEEN ACCEPTED
308	(134)	X'4'	0	IDA49REJ	"4" THE DSP HAS BEEN REJECTED
308	(134)	X'10'	0	IDA49DMY	"16" THE DSP HAS BEEN ACCEPTED, USER EXIT IS A DUMMY EXIT

Comment

INPUT MESSAGE WORK AREA

End of Comment

312	(138)	SIGNED	4	IDAREQST (0)	START OF MSG REQUEST FIELDS
312	(138)	CHARACTER	8	IDARQST1	MESSAGE REQUEST FIELD ONE
320	(140)	CHARACTER	8	IDARQST2	MESSAGE REQUEST FIELD TWO
328	(148)	CHARACTER	8	IDARQST3	MESSAGE REQUEST FIELD THREE
336	(150)	CHARACTER	8	IDARQST4	MESSAGE REQUEST FIELD FOUR
344	(158)	SIGNED	4	IDAREQEN (0)	END OF REQUEST FIELDS
344	(158)	X'20'	0	IDAREQSZ	**IDAREQST" SIZE OF ALL REQUEST FIELDS
344	(158)	X'8'	0	IDAREQLN	"LIDARQST1" SIZE OF ONE REQUEST FIELD

Comment

OUTPUT MESSAGE WORK AREA

IDAMSGLS MESSAGE TEXT=IDAMSGAR,MF=L MESSAGE PARAMETER LIST
\$T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0

End of Comment

344	(158)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
-----	-------	--------	---	-----	--------------------------

IATYIDA Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
344	(158)	ADDRESS	4	IDAMSGLS	Text Address
348	(15C)	BITSTRING	2		Destination Disp and Mask
350	(15E)	BITSTRING	1		ACTION flag
351	(15F)	ADDRESS	1		Options Flag
352	(160)	BITSTRING	2		Descriptor Codes
354	(162)	SIGNED	2		Reserved 2 Bytes
356	(164)	BITSTRING	17		Routing Codes
373	(175)	BITSTRING	1	(3)	Reserved
376	(178)	BITSTRING	1	(8)	Jobid
384	(180)	BITSTRING	1	(8)	Jobname
392	(188)	BITSTRING	1	(8)	Key
400	(190)	ADDRESS	4		CNDB Address 1
404	(194)	ADDRESS	4		CNDB Address 2
408	(198)	ADDRESS	4		CNDB Address 3
412	(19C)	ADDRESS	4		CNDB Address 4
416	(1A0)	ADDRESS	4		CNDB Address 5
420	(1A4)	ADDRESS	4		MLWO Address
424	(1A8)	CHARACTER	121	IDAMSGAR	VARIABLE MESSAGE AREA 0268

Comment

OTHER LIST MACRO LIST FORMS
 IATXCNDB MF=(L,IDAXCNDB) IATXCNDB LIST FORM
 MACDATE -94/10/04-<3>

End of Comment

0	(0)	X'228'	0	M00M0004	"IDAXCNDB" ++ IATXCNDB NAME
552	(228)	DBL WORD	8	IDAXCNDB (0)	++ IATXCNDB PARM LIST
552	(228)	BITSTRING	1	IDAXCNDB_XVERSION	++ INPUT XVERSION
553	(229)	CHARACTER	6	IDAXCNDB_XEYECATCH	++ CONSTANT
559	(22F)	BITSTRING	2	IDAXCNDB_XFLAG1	++ FIELD_LABEL
559	(22F)	BITSTRING	0	IDAXCNDB_XOPERATION_INITIALIZE	"B'1000000000000000" ++ XOPERATION.INITIALIZE KEYWORD
559	(22F)	BITSTRING	0	IDAXCNDB_XOPERATION_TRANSFER	"B'0100000000000000" ++ XOPERATION.TRANSFER KEYWORD
559	(22F)	BITSTRING	0	IDAXCNDB_XOPERATION_UPDATE	"B'0010000000000000" ++ XOPERATION.UPDATE KEYWORD
559	(22F)	BITSTRING	0	IDAXCNDB_XOPERATION_RESET	"B'0001000000000000" ++ XOPERATION.RESET KEYWORD
559	(22F)	BITSTRING	0	IDAXCNDB_XOPERATION_VERIFY	"B'0000100000000000" ++ XOPERATION.VERIFY KEYWORD
559	(22F)	BITSTRING	0	IDAXCNDB_XOPERATION_TRANSCONSID	"B'0000010000000000" ++ XOPERATION.TRANSCONSID KEYWORD
559	(22F)	BITSTRING	0	IDAXCNDB_XOPERATION_TRANSROUT	"B'0000001000000000" ++ XOPERATION.TRANSROUT KEYWORD
559	(22F)	BITSTRING	0	IDAXCNDB_XOPERATION_EXTRACTCONSID	"B'0000000100000000" ++ XOPERATION.EXTRACTCONSID KEYWORD
		1...		IDAXCNDB_XOPERATION_EXTRACTCONSNAME	"B'0000000010000000" ++ XOPERATION.EXTRACTCONSNAME KEYWOR
		.1..		IDAXCNDB_XOPERATION_EXTRACTCONSTYPE	"B'0000000001000000" ++ XOPERATION.EXTRACTCONSTYPE KEYWOR
		..1.		IDAXCNDB_XOPERATION_EXTRACTROUT	

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		...1		IDAXCNDB_XOPERATION_EXTRACTCART	"B'0000000000100000" ++ XOPERATION.EXTRACTROUT KEYWORD
				IDAXCNDB_XABEND	"B'0000000000100000" ++ XOPERATION.EXTRACTCART KEYWORD
561	(231)	BITSTRING	1	IDAXCNDB_XABEND	++ INPUT
		1...		IDAXCNDB_XABEND_YES	"B'10000000" ++ XABEND.YES KEYWORD
		.1..		IDAXCNDB_XABEND_NO	"B'01000000" ++ XABEND.NO KEYWORD
562	(232)	BITSTRING	1	IDAXCNDB_XUSERADDR	++ FIELD_LABEL
563	(233)	CHARACTER	1	IDAXCNDB_XRSV001	++ RESERVED
564	(234)	ADDRESS	4	IDAXCNDB_XCNDB	++
568	(238)	ADDRESS	4	IDAXCNDB_XOUTCNDB	++
572	(23C)	ADDRESS	4	IDAXCNDB_XINCND	++
576	(240)	ADDRESS	4	IDAXCNDB_XCONSNM	++
580	(244)	ADDRESS	4	IDAXCNDB_XCONSID	++
584	(248)	ADDRESS	4	IDAXCNDB_XOUTCONSID	++
588	(24C)	CHARACTER	2	IDAXCNDB_XRSV002	++ RESERVED
590	(24E)	BITSTRING	1	IDAXCNDB_XFLAG2	++ FIELD_LABEL
		1...		IDAXCNDB_XCMDIND_YES	"B'10000000" ++ XCMDIND.YES KEYWORD
		.1..		IDAXCNDB_XCMDIND_NO	"B'01000000" ++ XCMDIND.NO KEYWORD
591	(24F)	BITSTRING	1	IDAXCNDB_XKEYS	++ FIELD_LABEL
		1...		IDAXCNDB_KEYUSED_CMDIND	"B'10000000" ++ KEYUSED.CMDIND KEYWORD
592	(250)	ADDRESS	4	IDAXCNDB_XROUT	++
596	(254)	ADDRESS	4	IDAXCNDB_XCART	++
600	(258)	ADDRESS	4	IDAXCNDB_XOUTCONSNAME	++
604	(25C)	ADDRESS	4	IDAXCNDB_XOUTCONSTYPE	++
608	(260)	ADDRESS	4	IDAXCNDB_XOUTROUT	++
612	(264)	ADDRESS	4	IDAXCNDB_XOUTCART	++
612	(264)	X'40'	0	IDAXCNDBL	"*-IDAXCNDB" ++ LENGTH OF PLIST

Comment

IATXCNDB-3
MESSAGE ADCONS

End of Comment

616	(268)	ADDRESS	4	IDAA4450	MESSAGE IAT4450 ADDRESS
620	(26C)	ADDRESS	4	IDAA4451	MESSAGE IAT4451 ADDRESS
624	(270)	ADDRESS	4	IDAA4452	MESSAGE IAT4452 ADDRESS

IATYIDA Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
MESSAGES					

MESSAGE IAT4450					

End of Comment					
628	(274)	ADDRESS	1	IAT4450	MESSAGE LENGTH
629	(275)	CHARACTER	39		
668	(29C)	CHARACTER	30	RESN4450	REASON
668	(29C)	X'46'	0	LEN4450	** -IAT4450" REASON TYPES
698	(2BA)	CHARACTER	30	RCFT4450	
728	(2D8)	CHARACTER	30	RFSS4450	
758	(2F6)	CHARACTER	30	RIDA4450	
788	(314)	CHARACTER	30	RPRC4450	
818	(332)	CHARACTER	30	RRSQ4450	
848	(350)	CHARACTER	1	RSTA4450	
Comment					

MESSAGE IAT4451					

End of Comment					
878	(36E)	ADDRESS	1	IAT4451	MESSAGE LENGTH
879	(36F)	CHARACTER	40		
919	(397)	CHARACTER	80	TEXT4451	INVALID TEXT
919	(397)	X'79'	0	LEN4451	** -IAT4451"
Comment					

MESSAGE IAT4452					

End of Comment					
999	(3E7)	ADDRESS	1	IAT4452	MESSAGE LENGTH
1000	(3E8)	CHARACTER	15		
1015	(3F7)	CHARACTER	8	FSNM4452	FSSNAME
1023	(3FF)	CHARACTER	18		
1023	(3FF)	X'2A'	0	LEN4452	** -IAT4452" COMPLETION TYPES
Comment					

Work area for IATGRJA (CSBTUPDT and CSBTRCVY)					

End of Comment					
1041	(411)	BITSTRING	3	IDARSVD3	Reserved (alignment)
1044	(414)	BITSTRING	0	IDAWRK (0)	Work area
1044	(414)	ADDRESS	4	IDAFCTAD	FCT address
1048	(418)	ADDRESS	4	IDATVTAD	TVT address
1052	(41C)	BITSTRING	12	IDAFDBW1	Work FDB for IATGRJA
1064	(428)	BITSTRING	1	IDAFDBW2	Work FDB for IATGRJA
1064	(428)	X'20'	0	IDAWRKL	** -IDAFCTAD" Work area length
1076	(434)	SIGNED	4	IDAEND (0)	END OF IDA
1076	(434)	BITSTRING	1	IDALEN (0)	LENGTH OF IDA

IATYIDA Cross Reference**Name**

FSNM4452
IATIIDA
IAT4450
IAT4451
IAT4452

IDAA4450
IDAA4451
IDAA4452
IDACAPST
IDACBCLN

IDACDFCT
IDACENT1
IDACFSPA
IDACFTST
IDACICLN

IDACIOPM
IDACLDSP
IDACLNAC
IDACNMSG
IDACTRSV

IDACURRQ
IDAEIEST
IDAEIBST
IDAEND
IDAFCTAD

IDAFDBW1
IDAFDBW2
IDAFDMP
IDAFGL1
IDAFGL2

IDAFGL3
IDAFLRSD
IDAFLRSS
IDAFLRSU
IDAF101

IDAF102
IDAF104
IDAF108
IDAF110
IDAF201

IDAF301
IDAF302
IDAF304
IDAFORID
IDAFRCM

IDAFSFLT
IDAFSSBE
IDAFSSBS
IDAFSSCT
IDAFSSDS

IDAFSEN
IDAFSSRC
IDAFSSST
IDAFSTCK
IDAID

IATYIDA Cross Reference

Name

IDAINIT
IDAJBFSS
IDAJCTFD
IDAJORID
IDAJRTRY

IDALEN
IDAMODNM
IDAMSGAR
IDAMSGLS
IDAPRCCL

IDAPRCDS
IDAPRCEN
IDAPRCUP
IDAPRDEC
IDAPROCT

IDAPRSRV
IDAPSCBT
IDAPSCDS
IDAPSCJB
IDAPSCNB

IDAPSSCH
IDARBDRQ
IDARCMAX
IDAREIE
IDARELB

IDAREQEN
IDAREQLN
IDAREQST
IDAREQSZ
IDARESCI

IDARETRY
IDARFSS
IDARQST1
IDARQST2
IDARQST3

IDARQST4
IDARQTPM
IDARSTAR
IDARSVDV
IDARSVD2

IDARSVD3
IDARSVFS
IDARSVSV
IDARSVUS
IDARXFSS

IDASCHPM
IDASPMLN
IDASPMRS
IDASPRES
IDASTAR

IDATVTAD
IDAUXMMK
IDAWRK
IDAWRKL
IDAXCIO

IDAXCNDB
IDAXCNDB_KEYUSED_CMDIND

IDAXCNDB_XABEND

Name

IDAXCNDB_XABEND_NO

IDAXCNDB_XABEND_YES

IDAXCNDB_XCART

IDAXCNDB_XCMDIND_NO

IDAXCNDB_XCMDIND_YES

IDAXCNDB_XCNDB

IDAXCNDB_XCONSID

IDAXCNDB_XCONSNM

IDAXCNDB_XEYECATCH

IDAXCNDB_XFLAG1

IDAXCNDB_XFLAG2

IDAXCNDB_XINCNDDB

IDAXCNDB_XKEYS

IDAXCNDB_XOPERATION_EXTRACTCART

IDAXCNDB_XOPERATION_EXTRACTCONSID

IDAXCNDB_XOPERATION_EXTRACTCONSNAME

IDAXCNDB_XOPERATION_EXTRACTCONSTYPE

IDAXCNDB_XOPERATION_EXTRACTROUT

IDAXCNDB_XOPERATION_INITIALIZE

IDAXCNDB_XOPERATION_RESET

IDAXCNDB_XOPERATION_TRANSCONSID

IDAXCNDB_XOPERATION_TRANSFER

IDAXCNDB_XOPERATION_TRANSROUT

IDAXCNDB_XOPERATION_UPDATE

IDAXCNDB_XOPERATION_VERIFY

IDAXCNDB_XOUTCART

IDAXCNDB_XOUTCNDB

IDAXCNDB_XOUTCONSID

IDAXCNDB_XOUTCONSNAME

IDAXCNDB_XOUTCONSTYPE

IATYIDA Cross Reference

Name

IDAXCNDB_XOUTROUT
IDAXCNDB_XROUT
IDAXCNDB_XRSV001
IDAXCNDB_XRSV002
IDAXCNDB_XUSERADDR
IDAXCNDB_XVERSION
IDAXCNDBL
IDA46DMY
IDA46J3G
IDA46NJG
IDA49ACC
IDA49DMY
IDA49REJ
LEN4450
LEN4451
LEN4452
M00M0004
RCFT4450
RESN4450
RFSS4450
RIDA4450
RPRC4450
RRSQ4450
RSTA4450
TEXT4451

IATYIDD Information

IATYIDD Programming Interface information

Programming Interface information

IATYIDD

The following fields are **NOT** programming interface information:

- | | | | |
|-------------|-------------|-------------|-------------|
| • *17648TAA | • IDDCONV | • IDDIJB | • ID DPRDSK |
| • *17648TAA | • IDDCORSI | • IDDIM1A | • ID DQMST |
| • *17648TAA | • IDDCSCT | • ID DIM2A | • ID DRPL |
| • ID DATIME | • IDDCSIOT | • ID DINTP | • ID DSSIPM |
| • ID DBSIOT | • IDDCSS | • ID DJELBC | • ID DSSOB |
| • ID DCCHNA | • ID DDFUNT | • ID DLOCWK | • ID DSSSA |
| • ID DCCSCT | • ID DDSKBF | • ID DLRVCT | • ID DSSSAK |
| • ID DCLOC1 | • ID DFUENT | • ID DMINLV | • ID DSVSIO |
| • ID DCLOC2 | • ID DHEADP | • ID DNSCTP | • ID DSWBUF |
| • ID DCMPRM | • ID DICAAD | • ID DNUENT | • ID DSWIOT |
| • ID DCMRES | • ID DIICMW | • ID DOSRTN | • ID DSYMBC |
| • ID DCMRTN | • ID DIIOSW | • ID DPCAT | • ID DTRAVP |
| • ID DCONS | • ID DIISP | • ID DPCATE | • ID DUEPTR |
| • ID DCONS1 | • ID DIITA | • ID DPCAD | • ID DVAT |
| • ID DCONS2 | • ID DIJA | | |

End of Programming Interface information

Heading Information • IATYIDD Map

IATYIDD Heading Information

Common Name: INTERPRETER DSP DATA AREA
Macro ID: IATYIDD
DSECT Name: ACTDSTRT, IATYIDD
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IDD
 Offset: IDDID
 Length: 4
Storage Attributes: Main Storage: SUBPOOL 0 - below 16M
 Auxiliary Storage: SPOOL (from Label IDDCHKST to Label IDDCKEND)
Size: 1516 Bytes
Created by: AGETMAIN IN IATIHDR
Pointed to by: R13 of CI, POSTSCAN, and CICLENUP DSPS
 ICTIDD IN MODULE IATIICT
Serialization: None
Function: Contains Data, work areas and status flags
 used by the CI, POSTSCAN, and CICLENUP DSPS.

IATYIDD Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	ACTDSTRT	ACT COMPATABILITY MAPPING 0186
0	(0)	CHARACTER	20	ACTDPRGN	PROGRAMMER'S NAME 0186
20	(14)	CHARACTER	4	ACTDTIME	JOB TIME LIMIT 0186
24	(18)	CHARACTER	1	ACTDNUM	NUM OF JOB ACCT FIELDS 0186
25	(19)	CHARACTER	144	ACTDACNT	REST OF JOB ACCT. INFO 0186

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYIDD	
0	(0)	CHARACTER	4	IDDID	IDENTIFIER FOR IDD

Comment

LIFE OF DSP WORK AREA

End of Comment

4	(4)	BITSTRING	1	IDDLSTRT (0)	LIFE OF DSP WORK AREA START
4	(4)	CHARACTER	8	IDDJOBNM	JOB NAME
12	(C)	CHARACTER	8	IDDJBID	JOB ID
20	(14)	SIGNED	4	IDDBJBNO	Job number (in binary)
24	(18)	CHARACTER	8	IDDTSOID	TSO USER ID
32	(20)	CHARACTER	8	IDDDJCID	DJC NET ID
40	(28)	CHARACTER	8	IDDRUSER	RACF USER ID
48	(30)	CHARACTER	8	IDDRGRP	RACF GROUP ID
56	(38)	CHARACTER	8	IDDNODE	NODE ID FOR DATA SET
64	(40)	CHARACTER	8	IDDSNODE	SUBMITTING NODE FOR JOB
72	(48)	ADDRESS	4	IDDSTPTR	POINTER TO THE SYMBOL TABLE 0038
76	(4C)	SIGNED	4	IDDRSVD	RESERVED FOR DEVELOPMENT 0038
80	(50)	SIGNED	4	IDDTVTV	TVT ADDRESS
84	(54)	SIGNED	4	IDDICT	ICT ADDRESS
88	(58)	SIGNED	4	IDDUSAVE (18)	USER EXIT SAVE AREA 3361
160	(A0)	CHARACTER	44	IDDDSN	DATA SET BUILD AREA
208	(D0)	DBL WORD	8	IDDACHX (2)	WORK AREAS FOR CONVERTING
224	(E0)	SIGNED	4	IDDWCHX	BINARY TO HEX

Comment

----- 3
 ECF LIST 3
 ----- 3

End of Comment

228	(E4)	SIGNED	4	IDDECFLS (5)	START OF ECF LIST
-----	------	--------	---	--------------	-------------------

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
228	(E4)	X'E4'	0	IDDECF1	"IDDECFLS" ECF ADDRESS ONE
228	(E4)	X'EB'	0	IDDECFM1	"IDDECFLS+7" ECF MASK ONE
228	(E4)	X'EC'	0	IDDECF2	"IDDECFLS+8" ECF ADDRESS TWO
228	(E4)	X'F3'	0	IDDECFM2	"IDDECFLS+15" ECF MASK TWO
228	(E4)	X'F4'	0	IDDECFM	"IDDECFLS+16" ECF LIST TERMINATOR
228	(E4)	X'E4'	0	IDDLOCWT	"IDDECFLS" AWAIT LIST ACROSS LOCATE
228	(E4)	X'E4'	0	IDDLECF1	"IDDECFLS" ECF ONE
228	(E4)	X'EB'	0	IDDLMSK1	"IDDECFLS+7" ECF MASK ONE
228	(E4)	X'EC'	0	IDDLECF2	"IDDECFLS+8" ECF TWO
228	(E4)	X'F3'	0	IDDLMSK2	"IDDECFLS+15" ECF MASK TWO
228	(E4)	X'F4'	0	IDDLOEND	"IDDECFLS+16" ECF LIST TERMINATOR
248	(F8)	SIGNED	4	IDDADRLM	MAX ADDRESS SPACE JCL STATEMENT LIMIT
252	(FC)	SIGNED	4	IDDJOB LM	MAX JOB JCL STATEMENT LIMIT
256	(100)	SIGNED	4	IDDJOBCT	JOB JCL STATEMENT COUNT
260	(104)	SIGNED	4	IDDMSAV (3)	SAVE AREA FOR MESSAGE ROUTINE (IATIIMS)
260	(104)	X'104'	0	IDDMSAV0	"IDDMSAV,4" REGISTER ZERO
260	(104)	X'108'	0	IDDMSAV1	"IDDMSAV+4,4" REGISTER ONE
260	(104)	X'10C'	0	IDDMSAV2	"IDDMSAV+8,4" REGISTER TWO
260	(104)	X'10C'	0	IDDNMVAR	"IDDMSAV+8,1" NUMBER OF VARIABLES
260	(104)	X'10F'	0	IDDOPTIN	"IDDMSAV+11,1" IATXIWT OPTIONS BYTE
272	(110)	SIGNED	4	IDDWSAV5	REG SAVE AREA
276	(114)	SIGNED	4	IDDWSAV6	REG SAVE AREA
280	(118)	SIGNED	4	IDDWSAV7	REG SAVE AREA
284	(11C)	SIGNED	4	IDDWSAV8	REG SAVE AREA
288	(120)	SIGNED	4	IDDWSAV9	REG SAVE AREA
292	(124)	SIGNED	4	IDDCPUID	JOB MAIN MASK
296	(128)	SIGNED	4	IDDSMFU	PTR TO SMF USER DATA AREA
300	(12C)	SIGNED	4	IDDFCT	FCT ADDRESS OF THIS DSP
304	(130)	SIGNED	4	IDDRSAV (10)	REGISTER STORAGE
344	(158)	SIGNED	2	IDDPACID	CI PARM ID
346	(15A)	SIGNED	2	IDDPRCID	PROCLIB ID (IATPLBXX)
348	(15C)	CHARACTER	1	IDDJCLAS	JOB CLASS
349	(15D)	CHARACTER	1	IDDJPRTY	JOB PRIORITY
350	(15E)	CHARACTER	1	IDDBGCL	DEBUG CLASS
351	(15F)	CHARACTER	1	IDDJMSGC	JOB MESSAGE CLASS

Comment

IDDATIME ATIME MF=L
 \$SL= z1.7.0 HJS7720 050107 PD0TN: z 1.7.0

End of Comment

352	(160)	SIGNED	4	(0)	ALIGNMENT
352	(160)	BITSTRING	4	IDDATIME	ID
356	(164)	SIGNED	4		TIME OR TOD VALUE
360	(168)	ADDRESS	4		ECF OR ENTER ADDRESS
364	(16C)	ADDRESS	1		FLAG BYTE1
365	(16D)	ADDRESS	1		FLAG BYTE2
366	(16E)	ADDRESS	1		ECF MASK FOR POST REQUEST
367	(16F)	ADDRESS	1		Flag byte 3
368	(170)	ADDRESS	4		FCT ADDRESS
372	(174)	ADDRESS	4	IDDRAB	RAB ADDRESS (IN SUBPOOL 241 OR ZERO)
376	(178)	SIGNED	4	IDDPRDSK	ADDRESS OF IJS ENTRY WHICH IS THE TOP OF THE PREV STK
380	(17C)	SIGNED	4	IDDLRSVU (2)	RESERVED FOR USER
388	(184)	BITSTRING	1	IDDMODE	CI/POSTSCAN DSP MODE

Comment

 DEFINITION OF IDDMODE

End of Comment

IATYIDD Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		1... ..		IDDSJ3CI	"X'80" JES3 CI MVS CI, PRESCAN AND POSTSCAN IN JES3 GLOBAL ADDRESS SPACE
		.1.. ..		IDDFSSCI	"X'40" FSS CI MVS CI, PRESCAN AND POSTSCAN IN AN FSS ADDRESS SPACE
		..1.		IDDPSTCN	"X'20" POSTSCAN POSTSCAN IN THE JES3 ADDRESS SPACE FOR A JOB WHICH HAD MVS CI, PRESCAN AND LOCATE IN FSS ADDRESS SPACE
		...1		IDDRESHP	"X'10" RESCHEDULE POSTSCAN FOR A JOB WHICH HAS BEEN RESCHEDULED (E.G. DJC)
		.... 1...		IDDCFDSL	"X'08" CIFSS DMSSEL DEMAND SELECT JOB USED TO START A CI FSS ADDRESS SPACE IT USES THE CI SUBTASK RESERVED FOR THIS PURPOSE
		.... .1..		IDDCLCAN	"X'04" CLEANUP & PERFORM CLEANUP PROCESSING CANCEL AND RETURN THE JOB TO JSS FOR CANCEL PROCESSING
		.... ..1.		IDDCLRSC	"X'02" CLEANUP & PERFORM CLEANUP PROCESSING RESCHEDULE AND RETURN THE JOB TO JSS FOR SPECIALIZED RESCHEDULING
389	(185)	BITSTRING	1	IDDFTRC1	FUNCTION TRACE #1
Comment					
----- DEFINITION OF IDDFTRC1 -----					
End of Comment					
		1... ..		IDDQHOLD	"X'80" QUIESCE BIT HOLDER
		.1.. ..		IDDIACT	"X'40" INTERPRETER IS ACTIVE
		..1.		IDDFSCIR	"X'20" THE CI SUBTASK USED TO START CI FSS ADDRESS SPACES IS NOT IN USE (TVTFSCIU HAS BEEN RESET)
		...1		IDDCSBT	"X'10" CSBT FOR JST CREATED 0531
		.... 1...		IDDFPUSE	"X'08" PROC USE NOT DECREMENTED
		.... .1..		IDDFDUSE	"X'04" DSP USE NOT DECREMENTED
		.... ..1.		IDDCTINC	"X'02" ADDRESS SPACE JCL STATEMENT COUNT WAS INCREMENTED
		.... ...1		IDDCNOFF	"X'01" WAITING FOR CANCEL (SET WHEN AWAIT TYPE=OFF LOGIC IS USED)
390	(186)	BITSTRING	1	IDDFTRC2	FUNCTION TRACE#2
Comment					
----- DEFINITION OF IDDFTRC2 -----					
End of Comment					
391	(187)	BITSTRING	1	IDDMTRC1	MODULE TRACE #1
Comment					
----- DEFINITION OF IDDMTRC1 -----					
End of Comment					
		1... ..		IDDMIIPN	"X'80" IATIIPN IS IN STORAGE
		.1.. ..		IDDMIICC	"X'40" IATIICC IS IN STORAGE
		..1.		IDDMIJIT	"X'20" IATIJIT IS IN STORAGE 2798
		...1		IDDIIPRE	"X'10" IATIIPRE IS IN STORAGE (IATIIPR,IATIICM AND IATIISP ARE ALL LOADED IN IATIIPRE)
		.... 1...		IDDMT108	"X'08" RESERVED
		.... .1..		IDDMT104	"X'04" RESERVED
		.... ..1.		IDDMIIP1	"X'02" IATIIP1 IS IN STORAGE

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
392	(188)	BITSTRING	1	IDDMTRC2	"X'01" IATIIP2 IS IN STORAGE MODULE TRACE #2
Comment					
----- DEFINITION OF IDDMTRC2 -----					
End of Comment					
		1... ..		IDDMIICA	"X'80" IATIICA IS IN STORAGE
		.1.		IDDMIIP3	"X'40" IATIIP3 IS IN STORAGE
		..1.		IDDMIIP0	"X'20" IATIIP0 IS IN STORAGE (IATIIP0, IATIIP0X AND IATIIP0L ARE ALL LOADED IN IATIIP0)
		...1		IDDMINAT	"X'10" IATINAT IS IN STORAGE
		.... 1..		IDDMIIOS	"X'08" IATIIOS IS IN STORAGE
		.... .1..		IDDMT204	"X'04" RESERVED
		.... ..1.		IDDMT202	"X'02" RESERVED
		.... ...1		IDDMT201	"X'01" RESERVED
393	(189)	BITSTRING	1	IDDMTRC3	MODULE TRACE #3
Comment					
----- DEFINITION OF IDDMTRC3 -----					
End of Comment					
		1... ..		IDDMIICX	"X'80" IATIICX IS IN STORAGE
Comment					
THIS LINE DELETED BY PH90046 0					
End of Comment					
		..1.		IDDMQMST	"X'20" JES3 QMST IN STORAGE IEFQBJST
		...1		IDDMCONV	"X'10" MVS CONVERTER IS IN STORAGE
		.... 1..		IDDMINTP	"X'08" MVS INTERPRETER IS IN STORAGE
		.... .1..		IDDSWAPR	"X'04" SWA PROCESSING IN PROGRESS
		.... ..1.		IDDSKDSK	"X'02" THERE IS NO IJS, SO SKIP DATA SET STACKING PROCESS
		.... ...1		IDDMT301	"X'01" RESERVED
394	(18A)	BITSTRING	1	IDDDTRC1	DATA SET TRACE
Comment					
----- DEFINITION OF IDDDTRC1 -----					
End of Comment					
		1... ..		IDDDJCLI	"X'80" JESJCLIN IS OPEN
		.1.		IDDDJCBL	"X'40" JCBLOCK IS OPEN
		..1.		IDDDXPRT	"X'20" DEBUG FILE IS OPEN 2669 (IATXPRT TYPE=OPEN ISSUED)
		...1		IDDDSYSM	"X'10" JESYSMSG IS OPEN
		.... 1..		IDDDJDAB	"X'08" JDAB IS IN STORAGE
		.... .1..		IDDDJDPB	"X'04" JDAB PARM BUFFER IN STORAGE
		.... ..1.		IDDDJFPF	"X'02" JDAB PARM BUFFER IS PRESENT
		.... ...1		IDDDOSWB	"X'01" OUTPUT SWB MRF IS OPEN 3361
395	(18B)	BITSTRING	1	IDDDTRC2	DATA SET TRACE #2

IATYIDD Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- DEFINITION OF IDDDTRC2 -----					
End of Comment					
		1...		IDDDJESM	"X'80" JESMSGLG IS OPEN
		.1...		IDDDJESJ	"X'40" JESJCL IS OPEN
		..1.		IDDDJMR	"X'20" JMR IS IN STORAGE
		...1		IDDDJSW	"X'10" JSW IS IN STORAGE
		.... 1..		IDDDSYSI	"X'08" SYSIN DATASETS HELD
		.... .1..		IDDDDSK	"X'04" JOB'S DSK IS IN STORAGE
		.... ..1.		IDDDT202	"X'02" RESERVED 0143
		.... ...1		IDDDT201	"X'01" RESERVED
396	(18C)	BITSTRING	1	IDDDTRC3	DATA SET TRACE #3
Comment					
----- DEFINITION OF IDDDTRC3 -----					
End of Comment					
		1...		IDDDJST1	"X'80" JOB'S JST IS IN STORAGE
		.1...		IDDDJVT1	"X'40" JOB'S JVT IS IN STORAGE
		..1.		IDDDLVS1	"X'20" JOB'S LVS IS IN STORAGE
		...1		IDDDIJS1	"X'10" JOB'S IJS IS IN STORAGE
		.... 1..		IDDDJST2	"X'08" CATALOG'S JST IS IN STORAGE
		.... .1..		IDDDJVT2	"X'04" CATALOG'S JVT IS IN STORAGE
		.... ..1.		IDDDLVS2	"X'02" CATALOG'S LVS IS IN STORAGE
		.... ...1		IDDDIJS2	"X'01" CATALOG'S IJS IS IN STORAGE
397	(18D)	BITSTRING	1	IDDPTRCE	PHASE TRACE
Comment					
----- DEFINITION OF IDDPTRCE -----					
End of Comment					
		1...		IDDPINT	"X'80" INTERPRETER PHASE
		.1...		IDPPPRE	"X'40" PRESCAN PHASE
		..1.		IDPPPOST	"X'20" POST SCAN PHASE
		...1		IDPPBEG	"X'10" BEGINNING FUNCTIONS
		.... 1..		IDPPENDF	"X'08" ENDING FUNCTIONS PHASE
		.... .1..		IDDPJEST	"X'04" JESTAE HAS OCCURRED
		.... ..1.		IDDPHT02	"X'02" RESERVED
		.... ...1		IDDPHT01	"X'01" RESERVED
398	(18E)	BITSTRING	1	IDDCRCE	CORE TRACE
Comment					
----- DEFINITION OF IDDCRCE -----					
End of Comment					
		1...		IDDSWAIU	"X'80" SWA SUBPOOL IS IN USE
		.1...		IDDCRT40	"X'40" RESERVED
		..1.		IDDCPCAT	"X'20" PASS/CAT TBL IS GETMAINED
		...1		IDDRB241	"X'10" RAB GETMAINED IN SUBPOOL 241
		.... 1..		IDDCMVS	"X'08" MVS LOC RESP IN CORE
		.... .1..		IDDCUTB	"X'04" HWS UNIT TABLE

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... ..1.		IDDCRT02	"X'02" RESERVED
		.... ...1		IDDCRT01	"X'01" RESERVED
399	(18F)	BITSTRING	1	IDDCXFLG	DSNAME CHECK FLAG IN IICX
Comment					
----- DEFINITION OF IDDCXFLG -----					
End of Comment					
		1...		IDDCXSGN	"X'80" SYSTEM GENERATED DSNAME
		.1...		IDDCXEND	"X'40" APPEND DATA SET NAME TO THE END OF THE MVS CI/TEXT
		..1.		IDDCXSER	"X'20" DSNAME SYNTAX ERROR FOUND
		...1		IDDCXSOK	"X'10" DSNAME SYNTAX OK
400	(190)	BITSTRING	1	IDDRSV10	RESERVED
Comment					
----- THIS FIELD HOLDS THE DEFAULT UNIT RETURNED FROM AN EDTINFO INVOCATION. EDTINFO IS INVOKED WHEN A DD HAS UNIT=AFF CODED, THE UNIT AFFINITY IS BROKEN AND THE REFERENCED DD HAS NO UNIT INFORMATION TO BE USED BY THE REFERENCING DD. -----					
End of Comment					
401	(191)	CHARACTER	8	IDDDFUNT	HOLDS THE DEFAULT UNIT RETURNED FROM EDTINFO
Comment					
----- START OF THE CHECKPOINTED SECTION OF THE IDD -----					
End of Comment					
416	(1A0)	DBL WORD	8	IDDCCHKST (0)	START OF CHECKPOINTED IDD
416	(1A0)	BITSTRING	1	IDDETRC1	END PROCESSING TRACE #1
Comment					
----- DEFINITION OF IDDETRC1 -----					
End of Comment					
		1...		IDDJFLSH	"X'80" JOB IS TO BE FLUSHED
		.1...		IDDIFLSH	"X'40" JOB IS INP. SERV. FLUSHED
		..1.		IDDCFLSH	"X'20" FLUSH CONTROL BLOCKS
		...1		IDDJCLT	"X'10" JCLTEST WAS SPECIFIED
		.... 1...		IDDJSTT	"X'08" JSTTEST WAS SPECIFIED
		.... ..1.		IDDRESCH	"X'04" RESCHEDULE THIS DSP
		.... ..1.		IDDCXERR	"X'02" ERROR FOUND DURING IATIICX
		.... ...1		IDDCXUFL	"X'01" JOB FAILED BY USER EXIT (CALLED BY IATIICX)
417	(1A1)	BITSTRING	1	IDDETRC2	END PROCESSING TRACE #2
Comment					
----- DEFINITION OF IDDETRC2 -----					
End of Comment					

IATYIDD Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		1... ..		IDDOPCAN	"X'80" OPERATOR CANCEL RECEIVED
		.1.		IDDOPFL	"X'40" PROC OPEN FAILURE
		..1.		IDDJSMCL	"X'20" JESMSG LG CLOSE BIT
		...1		IDDCATAE	"X'10" CATALOG ALLOCATION ERROR
		.... 1...		IDD80A	"X'08" MVS INTERPRETER NO STORAGE INDICATOR *
		.... .1..		IDDNOUNT	"X'04" NO UNIT IN EDT ON THIS MAIN
		.... ..1.		IDDJOBEX	"X'02" JOB JCL LIMIT WAS EXCEEDED
		.... ...1		IDDADREX	"X'01" ADDRESS SPACE JCL LIMIT WAS EXCEEDED
418	(1A2)	BITSTRING	1	IDDBTRC1	DEBUG TRACE #1

Comment

 DEFINITION OF IDDBTRC1

End of Comment

		1... ..		IDDBCOMP	"X'80" COMPAT. MODULE TRACE
		.1.		IDDBLOC	"X'40" LOCATE INTERFACE TRACE
		..1.		IDDBJST	"X'20" JST CREATE TRACE
		...1		IDDBJVT	"X'10" JVT CREATE TRACE
		.... 1...		IDDBPCAT	"X'08" PASS/CAT TABLE TRACE
		.... .1..		IDDBIJS	"X'04" IJS CREATE TRACE
		.... ..1.		IDDBSWB	"X'02" SWB TRACE 3223
		.... ...1		IDDBCKPT	"X'01" FINAL BUFFER TRACE
		1111 1111		IDDBALL	"X'FF" TRACE ALL CONTROL BLOCKS 3223
419	(1A3)	BITSTRING	1	IDDBTRC2	DEBUG TRACE #2

Comment

 DEFINITION OF IDDBTRC2

End of Comment

		1... ..		IDDBT280	"X'80" RESERVED FOR DEVELOPMENT 0633
		.1.		IDDBT240	"X'40" RESERVED 2819
		..1.		IDDBT220	"X'20" RESERVED 2819
		...1		IDDBT210	"X'10" RESERVED 2819
		.... 1...		IDDBT208	"X'08" RESERVED 2819
		.... .1..		IDDBT204	"X'04" RESERVED 2819
		.... ..1.		IDDBT202	"X'02" RESERVED 2819
		.... ...1		IDDBT201	"X'01" RESERVED 2819
420	(1A4)	BITSTRING	1	IDDGTRC1	GENERAL TRACE #1

Comment

 DEFINITION OF IDDGTRC1

End of Comment

		1... ..		IDDCRCHK	"X'80" CANCEL RING CHECK
		.1.		IDDJLOCR	"X'40" JOB LOCATE PROCESSING IS REQUIRED (AN LVS DATASET ENTRY WAS CREATED)
		..1.		IDDCIRES	"X'20" JOB SHOULD BE RESCHEDULED THROUGH CI
		...1		IDDGNOXP	"X'10" NO EXPD CHECK
		.... 1...		IDDGTSOL	"X'08" JOB IS TSO LOGON
		.... .1..		IDDGSMF	"X'04" SMF PROCESSING
		.... ..1.		IDDGSTCT	"X'02" SPECIAL STEPCAT PROCESSING
		.... ...1		IDDGHWAL	"X'01" NO UTB ENTS FOR ENTIRE STEP
421	(1A5)	BITSTRING	1	IDDGTRC2	GENERAL TRACE #2

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- DEFINITION OF IDDGTRC2 -----					
End of Comment					
		1...		IDDAFOLD	"X'80" JOB AFF'S TO AN OLD DATASET
		.1..		IDDGDSEL	"X'40" DEMAND SELECT JOB
		..1.		IDDNOMPL	"X'20" NO ELIGIBLE MAIN FOUND 0181 TO PERFORM LOCATE 0181
		...1		IDDSWA	"X'10" SWA ABOVE LINE FOR THIS JOB
		.... 1..		IDDLOCMP	"X'08" LOCATE PROCESSING SUCCESSFULLY COMPLETED
		.... .1..		IDDDMDAL	"X'04" DEMAND ALLOCATION REQUEST SPECIFIED WITHIN JOB
		.... ..1.		IDDNOSMS	"X'02" NO SMS CATALOG REQUIREMENTS
		.... ...1		IDDSMSRS	"X'01" JOB SHOULD BE RESCHEDULED DUE TO UNAVAILABLE SMS MANAGED CATALOGS
422	(1A6)	BITSTRING	1	IDDGTRC3	GENERAL TRACE #3
Comment					
----- DEFINITION OF IDDGTRC3 -----					
End of Comment					
		1...		IDDCLOCC	"X'80" CATALOG LOCATE PROCESSING IS COMPLETE (THE LOCATES FOR THE JOBCAT AND STEPCAT CATALOGS IS COMPLETE) 0483
		.1..		IDDCASMS	"X'40" SMS WAS ACTIVE DURING MVS 0483 C/I AND PRESCAN. THIS IS 0483 USED FOR JOBS THAT HAVE 0483 BEEN RESCHEDULED. IF SMS 0483 IS ACTIVE AT THE TIME THE 0483 JOB REENTERS C/I FOR 0483 POSTSCAN PROCESSING, THE 0483 JOB WILL BE RESTARTED THRU 0483 C/I PROCESSING 0483 0483
		..1.		IDDTYPSC	"X'20" THIS JOB HAS TYPRUN=SCAN CODED ON THE JOB CARD
		...1		IDDGTMM	"X'10" JOB USED TMM PATH DURING CI PROCESSING
		.... 1..		IDDCISYM	"X'08" Batch job's class specifies 18588TAC SYSSYM=BATCH - so system 18588TAA symbol table will be 18588TAA passed to MVS C/I 18588TAA
		.... .1..		IDDLRL10	"X'04" LOCATE DONE ON JES3 R10 OR HIGHER (SMS UNIT AFF SSI SUPPORTED)
		.... ..1.		IDDJSAM	"X'02" POSTSCAN should be delayed 0082 due to CI JSAM buffer 0082 usage 0082
		.... ...1		IDDGT301	"X'01" RESERVED
423	(1A7)	BITSTRING	1	IDDGTRC4	GENERAL TRACE #4
Comment					
----- DEFINITION OF IDDGTRC4 -----					
End of Comment					
		1...		IDDGT480	"X'80" RESERVED
		.1..		IDDGT440	"X'40" RESERVED
		..1.		IDDGT420	"X'20" RESERVED
		...1		IDDGT410	"X'10" RESERVED
		.... 1..		IDDGT408	"X'08" RESERVED

IATYIDD Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... .1..		IDDGT404	"X'04" RESERVED
		.... ..1.		IDDGT402	"X'02" RESERVED
		.... ...1		IDDGT401	"X'01" RESERVED

Comment

COMMON WORK AREA ACROSS PHASES

End of Comment

424	(1A8)	SIGNED	4	IDDCWKAR (0)	START OF COMMON WORK AREA
424	(1A8)	SIGNED	4	IDDICAAD	IATIICA PTR
428	(1AC)	SIGNED	4	IDDWSAV1	REG SAVE AREA
432	(1B0)	SIGNED	4	IDDWSAV2	REG SAVE AREA
436	(1B4)	SIGNED	4	IDDWSAV3	REG SAVE AREA
440	(1B8)	SIGNED	4	IDDWSAV4	REG SAVE AREA 1
444	(1BC)	SIGNED	4	IDDBXWRK	WORK AREA FOR IATXPRT
448	(1C0)	SIGNED	4	IDDWRSVD	RESERVED FOR SERVICE
452	(1C4)	SIGNED	4	IDDPWORK (3)	WORK AREA ACROSS PHASES 2
464	(1D0)	SIGNED	4	IDDJMR	ADDRESS OF JMR
468	(1D4)	SIGNED	4	IDDVAT	ADDRESS OF VAT
472	(1D8)	SIGNED	4	IDDJCT	SVA OF JCT (IEFAJCTB)
476	(1DC)	SIGNED	4	IDDJFCBP	PTR TO CURRENT JFCB ADDR

Comment

LVS (LOCATE TABLE) WORK AREA

End of Comment

480	(1E0)	BITSTRING	12	IDDDL0C1	JOB LOCATE TABLE FDB 2229 1
492	(1EC)	BITSTRING	1	IDDDL0C2	CATALOG LOCATE TABLE FDB 2229 1

Comment

JST, IJS, AND JVT WORK/SAVE AREAS 0

THE WORK AREA HAS THE FOLLOWING FORMAT:

- (1) FIRST BUFFER/SPOOL ADDRESS
- (2) CURRENT BUFFER ADDRESS (FOR CREATING ENTRIES)
- (3) CURRENT ENTRY NUMBER (NEWEST ENTRY CREATED)
- (4) NEXT ENTRY NUMBER (NEXT ENTRY TO CREATE)
- (5) DISPLACEMENT TO NEWEST ENTRY IN CURRENT BUFFER
- (6) ID TO INDICATE THE TYPE BEING PROCESSED

"1" = JOB TYPE

"2" = CATALOG TYPE

THERE ARE TWO SAVE AREAS: ONE FOR "JOB" CONTROL BLOCK DATA, THE OTHER FOR "CATALOG" CONTROL BLOCK DATA.

WHEN A CONTROL BLOCK IS BEING BUILT, THE "SAVED" DATA IS MOVED INTO THE "WORK" AREA.

THREE LINES DELETED BY PH90046 0

0

JST WORK/SAVE AREA 0

End of Comment

504	(1F8)	BITSTRING	12	IDDFJST	FIRST JST BUFFER/FDB 2229
516	(204)	SIGNED	4	IDDCJST	CURRENT JST PTR
520	(208)	SIGNED	2	IDDCJSTN	CURRENT JST NUMBER
522	(20A)	SIGNED	2	IDDNJSTN	NEXT JST NUMBER
524	(20C)	SIGNED	2	IDDJSTD	VARIABLE JST DSPLCMNT
526	(20E)	CHARACTER	1	IDDJSTID	ID OF CURRENT POINTERS
527	(20F)	BITSTRING	1	IDDJSTRD	RESERVED FOR DEVELOPMENT
528	(210)	SIGNED	4	IDDJSTRS	RESERVED FOR SERVICE

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
528	(210)	X'1F8'	0	IDDJSTC	"IDDFJST,*-IDDFJST" EQU FOR MOVE OF CURRENT PTRS
532	(214)	BITSTRING	28	IDDJST1S	SAVE AREA FOR JOB'S JST
560	(230)	BITSTRING	28	IDDJST2S	SAVE AREA FOR CATALOG'S JST IJS WORK/SAVE AREA
588	(24C)	BITSTRING	12	IDDFIJS	FIRST IJS BUFFER/FDB 2229
600	(258)	SIGNED	4	IDDCIJS	CURRENT IJS PTR
604	(25C)	SIGNED	2	IDDCIJSN	CURRENT IJS NUMBER
606	(25E)	SIGNED	2	IDDNIJSN	NEXT IJS NUMBER
608	(260)	SIGNED	2	IDDIJSD	VARIABLE IJS DSPLCMNT
610	(262)	CHARACTER	1	IDDIJSID	ID OF CURRENT POINTERS
611	(263)	BITSTRING	1	IDDIJSRD	RESERVED FOR DEVELOPMENT
612	(264)	SIGNED	2	IDDCIJDD	CURRENT IJS DD ENTRY INDEX
614	(266)	SIGNED	2	IDDIJCRS	RESERVED FOR SERVICE
614	(266)	X'24C'	0	IDDIJSC	"IDDFIJS,*-IDDFIJS" EQU FOR MOVE OF CURRENT PTRS
616	(268)	BITSTRING	28	IDDIJS1S	SAVE AREA FOR JOB'S IJS
644	(284)	BITSTRING	28	IDDIJS2S	SAVE AREA FOR CATALOG'S IJS JVT WORK/SAVE AREA
672	(2A0)	BITSTRING	12	IDDFJVT	FIRST JVT BUFFER/FDB 2229
684	(2AC)	SIGNED	4	IDDCJVT	CURRENT JVT PTR
688	(2B0)	SIGNED	2	IDDCJVTN	CURRENT JVT NUMBER
690	(2B2)	SIGNED	2	IDDNJVTN	NEXT JVT NUMBER
692	(2B4)	SIGNED	2	IDDJVTD	VARIABLE JVT DSPLCMNT
694	(2B6)	CHARACTER	1	IDDJVTID	ID OF CURRENT POINTERS
695	(2B7)	CHARACTER	1	IDDJVTRD	RESERVED FOR DEVELOPMENT
696	(2B8)	SIGNED	2	IDDJVTTC	JVT SEQUENCE COUNT
698	(2BA)	SIGNED	2	IDDJVTSV	SAVE AREA FOR JVT ID
698	(2BA)	X'2A0'	0	IDDJVTC	"IDDFJVT,*-IDDFJVT" EQU FOR MOVE OF CURRENT PTRS
700	(2BC)	BITSTRING	28	IDDJVT1S	SAVE AREA FOR JOB'S JVT
728	(2D8)	BITSTRING	28	IDDJVT2S	SAVE AREA FOR CATALOG'S JVT
756	(2F4)	SIGNED	4	IDDTRSV1 (14)	RESERVED FOR DEVELOPMENT 0633
812	(32C)	SIGNED	4	IDDUWORK (4)	USER WORK AREA
828	(33C)	CHARACTER	8	IDDJDVT	JDVTNAME
836	(344)	SIGNED	2	IDDSTMT	LAST OUTPUT STATEMENT NR
838	(346)	SIGNED	2	IDDBUFCT	IJS, JVT, DSK buffer count 0082
840	(348)	BITSTRING	8	IDDRSTKN	SMS RESOURCE STATUS TOKEN RETURNED AFTER MVS INTERP.
848	(350)	SIGNED	4	IDDFSSMN	MAIN MASK SAVED DURING LOCATE PROCESSING IN FSS A. S.
852	(354)	SIGNED	4	IDDPWRSS	RESERVED FOR SERVICE
856	(358)	SIGNED	4	IDDPWRSU	RESERVED FOR USER
860	(35C)	SIGNED	4	IDDLIJS	LAST-ACCESSED IJS
864	(360)	SIGNED	4	IDDLJST	LAST-ACCESSED JST
868	(364)	SIGNED	4	IDDLJVT	LAST-ACCESSED JVT
872	(368)	SIGNED	4	IDDTRSV2	RESERVED FOR DEVELOPMENT 0633 2
876	(36C)	SIGNED	4	IDDBSIOT	SAVE AREA FOR STEPCAT HANDLING
880	(370)	SIGNED	4	IDDJDBUF	ADDRESS OF JDAB PARM BUFFER
884	(374)	BITSTRING	4	IDDAVLMM	SMS CATALOG AVAILABILITY MAIN MASK
888	(378)	BITSTRING	4	IDDCONMM	SMS CATALOG CONNECTIVITY MAIN MASK
892	(37C)	SIGNED	2	IDDPCATN	PRIVATE CATLG SIOT COUNT
894	(37E)	SIGNED	2	IDDSIOTN	SAVE AREA FOR SIOT COUNT 1
896	(380)	SIGNED	2	IDDFIJS	FIRST IJS STEP ENTRY
898	(382)	SIGNED	2	IDDCIJSS	CURRENT IJS STEP ENTRY
900	(384)	SIGNED	2	IDDSIJSN	CURRENT SCAN IJS NUMBER
902	(386)	SIGNED	2	IDDDEVID	CURRENT DEVICE ID
904	(388)	SIGNED	2	IDDDVWRK	UNIT ID WORK AREA
906	(38A)	SIGNED	2	IDDRLVOL	REL VOL POSITION
908	(38C)	SIGNED	2	IDDVRFPR	BACK REF PTR FOR JST BLD
910	(38E)	SIGNED	2	IDDJFDSP	VARIABLE JFCB DISPLACEMENT
912	(390)	SIGNED	2	IDDFMTCH	1ST VOL MATCHED IN JVT SCAN
914	(392)	SIGNED	2	IDDLMTCH	LAST VOL MATCHED IN JVT SCAN
916	(394)	SIGNED	2	IDDIMMID	INDEX OF SPECIFIED AFF'D IJS
918	(396)	SIGNED	2	IDDTRSV3	RESERVED FOR DEVELOPMENT

IATYIDD Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
920	(398)	SIGNED	2	IDDJSSV1	JSTID SAVE AREA #1
922	(39A)	SIGNED	2	IDDJSSV2	JSTID SAVE AREA #2
924	(39C)	SIGNED	2	IDDIJSV1	IJSID SAVE AREA #1
926	(39E)	SIGNED	2	IDDIJSV2	IJSID SAVE AREA #2
928	(3A0)	SIGNED	2	IDDJVS1	JVTID SAVE AREA #1
930	(3A2)	SIGNED	2	IDDJVS2	JVTID SAVE AREA #2
932	(3A4)	SIGNED	4	IDDTRSV4	RESERVED FOR DEVELOPMENT 0633 1
936	(3A8)	SIGNED	2	IDDLAREL	LAST REL. DSN. ENT(ALT. LVS)
938	(3AA)	SIGNED	2	IDDLJREL	CAT. REL NUM. JUST CREATED
940	(3AC)	SIGNED	2	IDDLRES1	CURRENT LOC. TAB. RESIDUAL
942	(3AE)	SIGNED	2	IDDLRES2	CUR. CAT. LOC. TABLE RESID.
944	(3B0)	SIGNED	2	IDDLEREL	END LOC. REL. ENTRY
946	(3B2)	SIGNED	2	IDDLLREL	LAST REL. LOC. ENTRY
948	(3B4)	SIGNED	2	IDDLCREL	LAST REL. CAT. ENTRY
950	(3B6)	BITSTRING	1	IDDEXID	CURRENT EXIT ID 1
953	(3B9)	BITSTRING	1	IDDVCWRK	VOL COUNT WORK AREA
954	(3BA)	BITSTRING	1	IDDUCWRK	UNIT COUNT WORK AREA
955	(3BB)	BITSTRING	1	IDDNOJVT	ORIGINAL NUM VOLUMES FOR REF
956	(3BC)	BITSTRING	1	IDDTRSV5	RESERVED FOR DEVELOPMENT 0633
957	(3BD)	BITSTRING	1	IDDJFCNX	JFCB INDEX
958	(3BE)	BITSTRING	1	IDDJFCLM	JFCB LIMIT
959	(3BF)	BITSTRING	1	IDDCSTPN	CURRENT STEP NUMBER
960	(3C0)	BITSTRING	1	IDDCMRSV	RESERVED

Comment

----- 0
 These equates are used by the code that handles the 0
 JSS "waiting for C/I JSAM buffers" queue. 0
 ----- 0

End of Comment

960	(3C0)	X'1E'	0	IDDBGJSM	"30" A job is considered a big 0082 user of C/I JSAM buffers 0082 if it uses at least this 0082 number of JSAM buffers 0082 for C/I control blocks 0082 during POSTSCAN. 0082
960	(3C0)	X'32'	0	IDDDLTYH	"50" Threshold at which POSTSCAN 0082 will be delayed for big 0082 users of JSAM buffers. 0082 If C/I and POSTSCAN DSPs 0082 are using more than this 0082 percentage of the maximum 0082 number of JSAM buffers, 0082 POSTSCAN will be delayed 0082 for big users. 0082
960	(3C0)	X'2D'	0	IDDDLTY2	"45" Threshold at which jobs 0082 waiting for POSTSCAN will 0082 be released. When the 0082 percentage of JSAM 0082 buffers used by C/I and 0082 POSTSCAN drops below this 0082 level, waiting jobs will 0082 be moved to the JSS ready 0082 queue. 0082
961	(3C1)	BITSTRING	1	IDDSFFLG	SETUP/FETCH FLAGS

Comment

 DEFINITION OF IDDSFFLG
 (SAME AS JSTHFLG3)

End of Comment

1... ..	IDDSNONE	"X'80" JSTSNONE SETUP = NONE
.1..	IDDSIHWS	"X'40" JSTSIHWS SETUP = IHWS
..1.	IDDSJOB	"X'20" JSTSJOB SETUP = JOB
...1	IDDSUSER	"X'10" JSTSUSER SETUP = USER OVERRIDES
.... 1...	IDDFNONE	"X'08" JSTFNONE FETCH = NONE
.... .1..	IDDFSET	"X'04" JSTFSET FETCH = SETUP
.... ..1.	IDDFALL	"X'02" JSTFALL FETCH = ALL
.... ...1	IDDFUSER	"X'01" JSTFUSER FETCH = USER OVERRIDES

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
962	(3C2)	BITSTRING	1	IDDHWFLG	IHWS FLAGS
Comment					
----- DEFINITION OF IDDHWFLG -----					
End of Comment					
		1... ..		IDDHWALL	"X'80" HWS ALL UNITS
		.1.. ..		IDDHWTAP	"X'40" HWS TAPE UNITS
		..1. ..		IDDHWDSK	"X'20" HWS DISK UNITS
		...1 ..		IDDHWMSS	"X'10" HWS MS UNITS
		.... 1..		IDDHWALT	"X'08" ALTERNATE TYPE (MINOR) USED FOR ALLOCATION
		.... .1..		IDDHWPRF	"X'04" THWSSEP=PREFER
		.... ..1.		IDDHWREQ	"X'02" THWSSEP=REQUIRE
		.... ...1		IDDJBMS	"X'01" MSS=JOB
962	(3C2)	X'E0'	0	IDDHWRL	"IDDHWALL+IDDHWTAP+IDDHWDSK" HWS REAL
963	(3C3)	BITSTRING	1	IDDVUAF1	FLAG BYTE #1..VOL/UNIT AFF
Comment					
----- DEFINITION OF IDDVUAF1 -----					
End of Comment					
		1... ..		IDDJMTCH	"X'80" VOLUME MATCH IN JOB
		.1.. ..		IDDSMTCH	"X'40" VOLUME MATCH IN STEP
		..1. ..		IDDSCRCR	"X'20" VOL COUNT EXCEEDS UNIT COUNT
		...1 ..		IDDFRSVL	"X'10" VOL IS 1ST IN GROUP
		.... 1..		IDDMOUNT	"X'08" MOUNT REQUEST
		.... .1..		IDDPRVMT	"X'04" VOL IS MOUNTED IN JOB
		.... ..1.		IDDJVDUM	"X'02" BUILDING DUMMY JVT ENTRIES
		.... ...1		IDDUAFF	"X'01" UNIT AFFINITY SWITCH
964	(3C4)	BITSTRING	1	IDDVUAF2	FLAG BYTE #2..VOL/UNIT AFF
Comment					
----- DEFINITION OF IDDVUAF2 -----					
End of Comment					
		1... ..		IDDTAPE	"X'80" TAPE DEVICE
		.1.. ..		IDDDISK	"X'40" DISK DEVICE
		..1. ..		IDDUREC	"X'20" UNIT RECORD DEVICE
		...1 ..		IDDGRAPH	"X'10" GRAPHICS DEVICE
		.... 1..		IDDNASET	"X'08" NO SETUP JST ENTRY
		.... .1..		IDDEMAND	"X'04" DEMAND ALLOCATION SPECIFIED
		.... ..1.		IDDALLPR	"X'02" ALL VOLS ARE PR
		.... ...1		IDDALLNR	"X'01" ALL VOLS ARE NOT PR
965	(3C5)	BITSTRING	1	IDDLFLG1	LOCATE TABLE FLAG #1
Comment					
----- DEFINITION OF IDDLFLG1 -----					
End of Comment					
		1... ..		IDDLJCAT	"X'80" JOBCAT IN LOCATE TABLE
		.1.. ..		IDDLSCAT	"X'40" STEPCAT IN LOCATE TABLE
		..1. ..		IDDLJON	"X'20" JOBCAT IS ONLY ENTRY

IATYIDD Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		...1		IDDLSON	"X'10" STEPCAT OR USER CATALOG IS ONLY ENTRY
		.... 1...		IDDLSEFF	"X'08" STEPCAT OR USER CATALOG IN EFFECT
		.... .1..		IDDLJEFF	"X'04" JOBCAT IN EFFECT
		.... ..1.		IDDLRSTR	"X'02" JOB IS DEFERRED RESTART
		.... ...1		IDDLCKPT	"X'01" CHECKPOINT RESTART JOB
966	(3C6)	BITSTRING	1	IDDVUAF3	MISCELLANEOUS FLAGS

Comment

 DEFINITION OF IDDVUAF3

End of Comment

		1...		IDDPMTCH	"X'80" VOLUME MATCH IN PREV STEP
		.1...		IDDNCCAT	"X'40" INDICATES POSSIBLE NON-SMS CATALOG CONCATENATION
		..1.		IDDSMSDV	"X'20" SMS MANAGED DEVICES REQUIRED
		...1		IDDVU310	"X'10" RESERVED
		.... 1...		IDDMSDEV	"X'08" MSS DEVICE
		.... .1..		IDDCOPDV	"X'04" UNIT FROM ANOTHER IJS
		.... ..1.		IDDLJCTC	"X'02" JOBCAT LVS COMPLETE
		.... ...1		IDDVU301	"X'01" RESERVED

Comment

 SMS SPOOL DATA SET MULTI RECORD FILE FDB'S

End of Comment

967	(3C7)	BITSTRING	6	IDDSCHFS	SMS SCHEDULING INFORMATION 0098 FIRST SPOOL ADDRESS 0098
973	(3CD)	BITSTRING	6	IDDSCHLS	SMS SCHEDULING INFORMATION 0098 LAST SPOOL ADDRESS 0098
979	(3D3)	BITSTRING	6	IDDJOBFS	SMS JOB INFORMATION 0098 FIRST SPOOL ADDRESS 0098
985	(3D9)	BITSTRING	6	IDDJOBLS	SMS JOB INFORMATION 0098 LAST SPOOL ADDRESS 0098
991	(3DF)	BITSTRING	1	IDDRSHWD	RESERVED FOR DEVELOPMENT
992	(3E0)	BITSTRING	12	IDDDSKBF	FDB OF BUFFER USED TO HOLD VOL SERS OF SMS DATA SETS
1004	(3EC)	SIGNED	4	IDDRSSRV (7)	RESERVED FOR SERVICE
1032	(408)	SIGNED	4	IDDRSDEV (2)	RESERVED FOR DEVELOPMENT 0098
1040	(410)	SIGNED	4	IDDRSUSR (8)	RESERVED FOR USER 0098

Comment

END OF THE CHECKPOINTED SECTION OF THE IDD
 AN ASSEMBLY ERROR ON ONE OF THE FOLLOWING LINES
 INDICATES AN ATTEMPT TO ALTER THE SIZE OF THE SPOOL
 RESIDENT PORTION OF THE IDD. 0

0

NOTE: THE CHECKPOINTED SECTION CAN BE INCREASED IF 0
 THE FOLLOWING TWO DEFINE STORAGE STATEMENTS ARE 0
 UPDATED ACCORDINGLY AND THE CURRENT OFFSETS ARE 0
 UNCHANGED. IN OTHER WORDS, FIELDS CAN BE APPENDED 0
 TO THE CHECKPOINTED SECTION BUT NOT INSERTED UNLESS 0
 A COLD START IS PERFORMED. 0

End of Comment

1072	(430)	DBL WORD	8	IDDCCKEND (0)	END OF CHECKPOINTED SECTION
1072	(430)	BITSTRING	0	(0)	0633
1072	(430)	BITSTRING	1	(0)	0633

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				

IATXIWT (MESSAGE PROCESSOR) WORK AREA					

\$T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0					

End of Comment					
1072	(430)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
1072	(430)	ADDRESS	4	IDDMSGLF	Text Address
1076	(434)	BITSTRING	2		Destination Disp and Mask
1078	(436)	BITSTRING	1		ACTION flag
1079	(437)	ADDRESS	1		Options Flag
1080	(438)	BITSTRING	2		Descriptor Codes
1082	(43A)	SIGNED	2		Reserved 2 Bytes
1084	(43C)	BITSTRING	17		Routing Codes
1101	(44D)	BITSTRING	1	(3)	Reserved
1104	(450)	BITSTRING	1	(8)	Jobid
1112	(458)	BITSTRING	1	(8)	Jobname
1120	(460)	BITSTRING	1	(8)	Key
1128	(468)	ADDRESS	4		CNDB Address 1
1132	(46C)	ADDRESS	4		CNDB Address 2
1136	(470)	ADDRESS	4		CNDB Address 3
1140	(474)	ADDRESS	4		CNDB Address 4
1144	(478)	ADDRESS	4		CNDB Address 5
1148	(47C)	ADDRESS	4		MLWO Address
1152	(480)	CHARACTER	133	IDDMSGWK	MESSAGE PROCESSOR WORK AREA 0058
1285	(505)	BITSTRING	3	IDDMSGRS	RESERVED 0058

Comment					

MACDATE -02/24/00-<1>					

End of Comment					
0	(0)	X'508'	0	IDDEDTLF	"EDTPARM" ++ EDTINFO NAME
1288	(508)	DBL WORD	8	EDTPARM (0)	++ EDTINFO PARM LIST
1288	(508)	BITSTRING	1	EDTPARM_XVERSION	++ INPUT XVERSION
1289	(509)	CHARACTER	1	EDTPARM_XRSV0001	++ RESERVED XRSV0001
1290	(50A)	CHARACTER	2	EDTPARM_XRSV0002	++ RESERVED XRSV0002
1292	(50C)	BITSTRING	2	EDTPARM_XFUNCFLGS	++ FIELD_LABEL
1292	(50C)	BITSTRING	0	EDTPARM_KEYUSED_CHKGRPS	"B'1000000000000000" ++ KEYUSED.CHKGRPS KEYWORD
1292	(50C)	BITSTRING	0	EDTPARM_KEYUSED_CHKUNIT	"B'0100000000000000" ++ KEYUSED.CHKUNIT KEYWORD
1292	(50C)	BITSTRING	0	EDTPARM_KEYUSED_RTUNIT	"B'0010000000000000" ++ KEYUSED.RTNUNIT KEYWORD
1292	(50C)	BITSTRING	0	EDTPARM_KEYUSED_RTNUCBA	"B'0001000000000000" ++ KEYUSED.RTNUCBA KEYWORD
1292	(50C)	BITSTRING	0	EDTPARM_KEYUSED_RTNGRID	"B'0000100000000000" ++ KEYUSED.RTNGRID KEYWORD
1292	(50C)	BITSTRING	0	EDTPARM_KEYUSED_RTATTR	"B'0000010000000000" ++ KEYUSED.RTNATTR KEYWORD
1292	(50C)	BITSTRING	0	EDTPARM_KEYUSED_RTNNAMD	

IATYIDD Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
1292	(50C)	BITSTRING	0	EDTPARM_KEYUSED_RTNDDEVN	"B'0000001000000000" ++ KEYUSED.RTNNAMD KEYWORD
		1...		EDTPARM_KEYUSED_MAXELIG	"B'0000000100000000" ++ KEYUSED.RTNDEVN KEYWORD
		.1..		EDTPARM_KEYUSED_RTNLUV	"B'0000000010000000" ++ KEYUSED.MAXELIG KEYWORD
		..1.		EDTPARM_KEYUSED_OVERRIDE	"B'0000000001000000" ++ KEYUSED.RTNLUV KEYWORD
		...1		EDTPARM_KEYUSED_RTUNAFF	"B'0000000000100000" ++ KEYUSED.OVERRIDE KEYWORD
		.... 1...		EDTPARM_KEYUSED_RTNETLT	"B'0000000000010000" ++ KEYUSED.RTNUNAFF KEYWORD
1294	(50E)	BITSTRING	2	EDTPARM_XOPTFLGS	"B'0000000000001000" ++ KEYUSED.RTNEDTLT KEYWORD
1294	(50E)	BITSTRING	0	EDTPARM_KEYUSED_UNITNAME	++ FIELD_LABEL
1294	(50E)	BITSTRING	0	EDTPARM_KEYUSED_DEVTYPE	"B'1000000000000000" ++ KEYUSED.UNITNAME KEYWORD
1294	(50E)	BITSTRING	0	EDTPARM_KEYUSED_SUBPOOL	"B'0100000000000000" ++ KEYUSED.DEVTYPE KEYWORD
1294	(50E)	BITSTRING	0	EDTPARM_XDYNAMIC_YES	"B'0010000000000000" ++ KEYUSED.SUBPOOL KEYWORD
1294	(50E)	BITSTRING	0	EDTPARM_KEYUSED_OUTUNIT	"B'0001000000000000" ++ XDYNAMIC.YES KEYWORD
1294	(50E)	BITSTRING	0	EDTPARM_KEYUSED_OUTDEV	"B'0000100000000000" ++ KEYUSED.OUTUNIT KEYWORD
1294	(50E)	BITSTRING	0	EDTPARM_XEXTENDED_YES	"B'0000010000000000" ++ KEYUSED.OUTDEV KEYWORD
1294	(50E)	BITSTRING	0	EDTPARM_KEYUSED_DEVSTAT	"B'0000001000000000" ++ XEXTENDED.YES KEYWORD
		1...		EDTPARM_XRANGE_ALL	"B'0000000010000000" ++ KEYUSED.DEVSTAT KEYWORD
		.1..		EDTPARM_XLOC_ANY	"B'0000000001000000" ++ XRANGE.ALL KEYWORD
1296	(510)	BITSTRING	1	EDTPARM_XSUBPOOL	"B'0000000001000000" ++ XLOC.ANY KEYWORD
1297	(511)	CHARACTER	1	EDTPARM_XDEVCLASS	++ XSUBPOOL
1298	(512)	BITSTRING	1	EDTPARM_XRECMODE	++ XDEVCLASS
1299	(513)	BITSTRING	1	EDTPARM_XDENSITY	++ XRECMODE
1300	(514)	CHARACTER	8	EDTPARM_XUNITNAME	++ XDENSITY
1308	(51C)	CHARACTER	4	EDTPARM_XDEVTYPE	++ XUNITNAME
1312	(520)	CHARACTER	8	EDTPARM_XOUTUNIT	++ XDEVTYPE
1320	(528)	CHARACTER	4	EDTPARM_XOUTDEV	++ XOUTUNIT
					++ XOUTDEV

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1324	(52C)	SIGNED	4	EDTPARM_XDEVCOUNT	++ XDEVCOUNT
1328	(530)	ADDRESS	4	EDTPARM_XDEVLIST	++ XDEVLIST
1332	(534)	ADDRESS	4	EDTPARM_XATTRAREA_ADDR	++ ADDR XATTRAREA
1336	(538)	ADDRESS	4	EDTPARM_XUCBALIST	++ XUCBALIST
1340	(53C)	ADDRESS	4	EDTPARM_XUCBLIST	++ XUCBLIST
1344	(540)	ADDRESS	4	EDTPARM_XGRIDLIST	++ XGRIDLIST
1348	(544)	ADDRESS	4	EDTPARM_XNAMELIST	++ XNAMELIST
1352	(548)	ADDRESS	4	EDTPARM_XDEVNLIST	++ XDEVNLIST
1356	(54C)	ADDRESS	4	EDTPARM_XEDTADDR	++ XEDTADDR
1360	(550)	ADDRESS	4	EDTPARM_XIOCTOKEN_ADDR	++ ADDR XIOCTOKEN
1364	(554)	CHARACTER	4	EDTPARM_XOUTLUV	++ XOUTLUV
1368	(558)	ADDRESS	4	EDTPARM_XDEVSTAT	++ XDEVSTAT
1372	(55C)	CHARACTER	4	EDTPARM_XRSV0003	++ RESERVED XRSV0003
1372	(55C)	X'560'	0	EDTPARM_PL_END	*** ++ END OF BASE PLIST
1312	(520)	ADDRESS	4	EDTPARM_XELTPRI	++ XELTPRI
1316	(524)	ADDRESS	4	EDTPARM_XELTSEC	++ XELTSEC
1376	(560)	X'58'	0	EDTPARML	**EDTPARM" ++ LENGTH OF PLIST
Comment					
EDTINFO-1					
End of Comment					
0	(0)	X'560'	0	IDDIINTPH	*** END OF COMMON SECTIONS OF THE IDD
Comment					
COMMON SECTION FOR C/I AND PRESCAN PHASES					
End of Comment					
1376	(560)	SIGNED	4	IDDCIPRE (0)	START OF CI/PRESCAN COMMON
Comment					
----- ACCESS METHOD CONTROL BLOCK FOR JESJCLIN/JCBLOCK -----					
End of Comment					
1376	(560)	SIGNED	4	IDDIJA (0)	JESJCLIN ACB START
1376	(560)	SIGNED	4	IDDIJB (0)	JCBLOCK ACB START

IATYIDD Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
					IFGACB DSECT=NO JESJCLIN/JCBLOCK ACB
					%ACBBSLO: ;
					\$MAC(IFGACB) COMP(DF106):
					COPYRIGHT =
					PROPRIETARY V3 STATEMENT
					LICENSED MATERIALS - PROPERTY OF IBM
					"RESTRICTED MATERIALS OF IBM"
					5695-DF1
					COPYRIGHT 1992,1995 IBM CORP.
					END PROPRIETARY V3 STATEMENT
					STATUS = OS/390 DFSMS V3 R10
					FUNCTION = THE ACB DESCRIBES THE CURRENT USE OF A VSAM DATA
					SET. IN MVS, THE ACB DESCRIBES THE CURRENT USE OF A DATA
					SET WHEN THE JOB ENTRY SUBSYSTEM (JES) IS BEING USED FOR
					INPUT/OUTPUT CONTROL. IN VTAM, THE ACB REPRESENTS A
					PROCESSING APPLICATION.
					THE ACB IS CREATED BY THE USER WITH THE ACB MACRO
					INSTRUCTION. OTHER INFORMATION MAY BE ADDED FROM THE
					DD STATEMENT. IT IS ACCESSED THROUGH THE RPLDACB FIELD
					IN THE REQUEST PARAMETER LIST.
					THE CONTROL BLOCK CONSISTS OF AN AREA COMMON TO
					ALL USERS, A CONTIGUOUS EXTENSION CREATED FOR
					VSAM AND A CONTIGUOUS EXTENSION CREATED FOR VTAM.
					THE VTAM EXTENSION IS GENERATED IF 'AM=VTAM' IS
					CODED IN THE ACB MACRO.
					INCLUDED MACROS = NONE
					METHOD OF ACCESS = PL/S OR ASSEMBLER
					%GOTO ACBBSLXX;
					%ACBBSLXY.;
					CREATED BY = ACB MACRO INSTRUCTION OR BY GENCB
					CHANGE ACTIVITY =
					C87700,155146
					CONTROL BLOCKS IN COMMON SUPPORT
					MVS GUSHER SUPPORT
					CBMM SPLIT SUPPORT
					\$L1=DF/EF,JDM1113,4/1/80,STLASN: DF/EF SUPPORT RELEASE 1.0
					\$L2=DFP,JDP1110,,STLJRB: MVS/XA DFP RELEASE 1.1 VSAM 31-BIT
					\$L9=DFP,HDP2230,,STLJRB: MVS/XA DFP RELEASE 2.3 VSAM 31-BIT
					\$H1=DFP,JDP1111,,STLTMS: MVS/XA DFP RELEASE 1.2
					\$PA=DFP,HDP2102,,STLHES: MVS/XA DFP V2R1M0
					ADD CODE FOR BDT
					CORRECT PLS CODE MISSING FOR OZ34940 FROM JDP1111
					\$LP=DFP,HDP2230,,STLJTP: MVS/XA DFP RELEASE 2.3 31/24 BIT
					DEFINE BIT TO IGNORE SHARED DASD
					APAR TO SHIP 31/24 BIT CODE
					\$LX=DFP,HDP3330,,STLJRB: DFM SUPPORT
					BACKUP WHILE OPEN
					OY41855,HPD3320,09/18/91,SJPLTLD: NO EXCL CTL WT SPE
					\$LS=DFSMS,HDZ11B0,07/21/93,SJPLTLD: DFSMS/MVS V1 R2.0
					\$LY=DFSMS,HDZ11C0,930326,SJPLRG: VSAM RLS
					1. ADDED ACBSUBNM - ADDRESS OF SUBSYSTEM NAME FIELD
					2. ADDED ACBCNTL - TYPE OF ACB = CONTROL ACB
					3. ADDED ACBRLS - MACRF = RLS SPECIFIED
					4. ADDED ACBRECOV - ALLOWED TO OPEN SPHERE THAT IS IN A
					RECOVERY REQUIRED STATE
					5. ADDED RLS FLAGS (OVERLAYED ACBCCTYP)

Offsets					Description
Dec	Hex	Type/Value	Len	Name (Dim)	
		A. ACBNOJCL : 1=RLS JCL OVERRIDE TO BE IGNORED			
		B. ACBRDI : 1=READ INTEGRITY SPECIFIED ON ACB			
		C. ACBCNRD : 1=CR PROTOCOL, 0=NRI PROTOCOL			
		ADD REASON CODE TO ACB FOR EMPTY DATA SET			
		\$LT=DFP,HDZ11B0,,SJPLLL: DFSMS/MVS 1.2 CATALOG OPEN-FOR-OUT			
		@WA07856=			
		CORRECT ASSEMBLER CODING FOR ACBRSN			
		\$L0=DFSMS,HDZ11C0,11/09/94,SJPLJB: VSAM RLS			
		VSAM SNAPSHOT SUPPORT			
		\$L3=K150064,HDZ11E0,10/07/97,TMENENDEZ: TVS CRE SUPPORT			
		\$SRC=DFSMS,HDZ11F0,06/07/99,SJPLVM: CICS VSAM RECOVERY			
		ADD ACBVRECL @WA36357			
		\$CV=OA07286,HDZ11J0,05/06/04,SJPLYKL: CICSVR ADD NONE,UNDO			
		\$L4=K1C0807,HDZ1C10,10/10/2009,TMENENDEZ: ADD VERIFY			
		RECOVERY ENHANCEMENT			
		\$01=OA38209,HDZ1D10,02/01/2012,KHHO: Added ACBNOFRL for			
		Active/Active support.			
		ACB DIAGRAM			
0		_____			
		| ACBID | ACBSTYP | ACBLENG |			
4		| _____ |			
		| | @X04SVHS			
		| ACBAMBL|ACBJWA|ACBIBCT|ACBAMWAP|ACBSUBNM |			
8		| _____ |			
		| ACBINRTN |			
12		| _____ |			
		| ACBMACRF | | | @X04SVHS			
		| ACBMACR1 | ACBMACR2 | ACBBSTNO | ACBSTRNO | @X04SVHS			
16		| _____ | _____ | _____ | _____ | @X04SVHS			
		| ACBBUFND | ACBBUFNI |			
20		| _____ | _____ |			
		| ACBBUFPL | @X04SVHS			
		| | ACBJBUF | @WA03119			
		| ACBMACR3 | ACBSHRP | ACBRSN | ACBMACR4 |			
24		| _____ | _____ | _____ | _____ | @X04SVHS			
		| | | ACBDSORG |			
		| ACBRECFCM | ACBCCTYP/ | ACBDSOR1 | ACBDSOR2 |			
		| | ACBFLGS | | |			
28		| _____ | _____ | _____ | _____ |			
		| ACBMSGAR | @X04SVHS			
32		| _____ |			
		| ACBPASSW |			
36		| _____ |			
		| ACBEXLST|ACBUEL |			
40		| _____ | _____ | _____ | _____ | _ B			
		| OFFSET 40 BEFORE OPEN | | | E			
		| | | F			
		| _ ACBDDNM _ | | O			
		| ( 8 BYTES ) | | R			
		| | | E			

IATYIDD Map

Dec	Hex	Type/Value	Len	Name (Dim)	Description
48					
		||| ACBINFLG ||| O			
		| ACBOFLGS | ACBERFLG | ACBINFL1 | ACBINFL2 ||| P			
		|_____||_____||_____||_____||_____|| E			
			N		
		OFFSET 40 AFTER OPEN			
40					A
		|||| F			
		| ACBTIOT | ACBINFL | ACBAMETH ||| T			
44					E
		|||| R			
		| ACBERFL | ACBDEB ||			
48					O
		|||| P			
		| ACBOFLGS | ACBERFLG ||| E			
		|_____||_____||_____||_____||_____|| N			
52					
		| ACBUJFCB |			
56					
		| ACBBUFSP |			
60					
		| ACBBLKSZ/ACBMSGLN | ACBLRECL | @X04SVHS			
64					
		| ACBUAPTR |			
68					
		| ACBCBMWA |			
72					
		| ACBAPID/ACBAMAX | @G29ASRL			
		_____ _____ _____ _____ _____			
		THE VTAM EXTENSION BEGINS AT OFFSET 76. IT IS CONTIGUOUS TO THE COMMON AREA ABOVE.			
76					
		|| X03004			
		| ACBRTN | X03004			
80				X03004	
		||| X03004			
		||| X03004			
84				X03004	
		|| X03004			
		|| X03004			
		|_____||_____||_____||_____||_____|| X03004			
		ACB DECLARATION			
		%GOTO ACBBSL1 ;			

End of Comment

1376	(560)	DBL WORD	8	IFGACB (0)	ACCESS METHOD CONTROL BLOCK
1376	(560)	BITSTRING	1	ACBID	ACB IDENTIFIER
		1.1.		ACBIDVAL	"X'A0" IDENTIFIER VALUE - X'A0'
1377	(561)	BITSTRING	1	ACBSTYP	ACB SUBTYPE
		...1		ACBSVSAM	"X'10" VSAM SUBTYPE X04SVHS
		...1 ...1		ACBSVRP	"X'11" VRP SUBTYPE X04SVHS
		...1 ..1.		ACBSCNTL	"X'12" VSAM CONTROL ACB
		..1.		ACBSVTAM	"X'20" VTAM SUBTYPE X04SVHS
		.1..		ACBS3540	"X'40" 3540 SUBTYPE X04SVHS
1378	(562)	SIGNED	2	ACBLENG (0)	ACB LENGTH IN BYTES
1378	(562)	SIGNED	2	ACBLEN2 (0)	ALTERNATE NAME FOR ACBLENG X03004
1378	(562)	SIGNED	2	ACBLENG2	ALTERNATE NAME FOR ACBLENG X03004
1380	(564)	ADDRESS	4	ACBAMBL (0)	AMB LIST ADDRESS(VSAM)
1380	(564)	ADDRESS	4	ACBJWA (0)	JES WORK AREA ADDRESS

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1380	(564)	ADDRESS	4	ACBIBCT (0)	INTERFACE BUFFER CONTROL TABLE (RTAM)
1380	(564)	ADDRESS	4	ACBSUBNM (0)	SUBSYSTEM NAME ADDR
1380	(564)	ADDRESS	4	ACBAMWAP	ACCESS METHOD WORKAREA POINTER
1384	(568)	ADDRESS	4	ACBINRTN	DATA MANAGEMENT INTERFACE ROUTINE ADDRESS; VTAM REQUEST PROCESSOR ADDRESS X03004
1388	(56C)	BITSTRING	2	ACBMACRF (0)	MACRF PROCESSING OPTIONS
1388	(56C)	BITSTRING	1	ACBMACR1	MACRF FIRST BYTE
		1... ..		ACBKEY	"X'80" KEYED PROCESSING VIA INDEX
		.1.. ..		ACBADR	"X'40" ADDRESSED PROCESSING WITHOUT INDEX
		.1.. ..		ACBADD	"X'40" ALTERNATE NAME FOR ACBADR
		..1.		ACBCNV	"X'20" PROCESSING BY CONTROL INTERVAL
		..1.		ACBBLK	"X'20" ALTERNATE NAME FOR ACBCNV
		...1		ACBSEQ	"X'10" SEQUENTIAL PROCESSING
		.... 1...		ACBDIR	"X'08" DIRECT PROCESSING
		.... .1..		ACBIN	"X'04" INPUT PROCESSING USING GET OR READ
		.... ..1.		ACBOUT	"X'02" OUTPUT PROCESSING USING PUT OR WRITE
		.... ...1		ACBUBF	"X'01" USER CONTROLS BUFFERS - VALID ONLY WITH CONTROL INTERVAL PROCESSING
1389	(56D)	BITSTRING	1	ACBMACR2	MACRF SECOND BYTE
		1... ..		ACBNTRUN	"X'80" DEFINED ONLY WHEN OUTPUT AND ACBRECAF IS ON. THE SYSTEM IS TO ENSURE THAT THE LOGICAL RECORD LENGTH WILL BE THE SAME WHEN THE DATA IS READ (NO BLANK TRUNCATION). BIT NOT DEFINED FOR INPUT.
		.1.. ..		ACBCCANY	"X'40" THE CONTROL CHARACTER TYPE IS INDICATED IN RPLOPT4 AFTER EACH GET. NOT DEFINED FOR OUTPUT.
		..1.		ACBBWO	"X'20" ELIGIBLE FOR BACKUP WHILE OPEN
		...1		ACBSKP	"X'10" SKIP SEQUENTIAL PROCESSING
		.... 1...		ACBLOGON	"X'08" LOGON REQUESTS TO AN APPLICATION WILL BE REJECTED(VTAM) X03004
		.... .1..		ACBRST	"X'04" SET DATA SET TO X04SVHS EMPTY STATE X04SVHS
		.... ..1.		ACBDSN	"X'02" BASIC SUBTASK SHARED CONTROL BLOCK CONNECTION ON COMMON DSNAMES X04SVHS
		.... ...1		ACBAIX	"X'01" ENTITY TO BE PROCESSED IS AIX PATH SPECIFIED IN IN THE GIVEN DDNAME X04SVHS
1390	(56E)	SIGNED	1	ACBBSTNO	NUMBER OF CONCURRENT STRINGS FOR AIX X04SVHS PATH X04SVHS
1391	(56F)	SIGNED	1	ACBSTRNO	NUMBER OF CONCURRENT REQUEST STRINGS X04SVHS
1392	(570)	SIGNED	2	ACBBUFND	NUMBER OF DATA RECORD BUFFERS
1394	(572)	SIGNED	2	ACBBUFNI	NUMBER OF INDEX RECORD BUFFERS
1396	(574)	ADDRESS	4	ACBBUFPL (0)	JES BUFFER POOL
1396	(574)	ADDRESS	4	ACBLFB (0)	RESERVED NAME
1396	(574)	BITSTRING	1	ACBMACR3	MACRF THIRD BYTE X04SVHS
		1... ..		ACBNLW	"X'80" NO EXCL CTL WAIT
		.1.. ..		ACBLSR	"X'40" LOCAL SHARED RESOURCE X04SVHS
		..1.		ACBGSR	"X'20" GLOBAL SHARED RESOURCE X04SVHS
		...1		ACBICI	"X'10" IMPROVED CONTROL INTERVAL PROCESSING X04SVHS
		.... 1...		ACBDFR	"X'08" DEFER WRITES X04SVHS
		.... .1..		ACBSIS	"X'04" SEQUENTIAL INSERT STRATEGY X04SVHS
		.... ..1.		ACBNCFX	"X'02" NFX=0/CFX=1 X04SVHS
		.... ...1		ACBMODE	"X'01" 31-BIT BUFFER ADDRESS SEE ACBR31B
1397	(575)	BITSTRING	1	ACBSHRP	SHARED RESOURCE POOL ID NUMBER
1398	(576)	SIGNED	2	ACBJBUF	NUMBER OF JOURNAL BUFFERS(VSAM)
1398	(576)	X'576'	0	ACBRSN	"ACBJBUF,1" REASON CODE
1398	(576)	X'577'	0	ACBMACR4	"ACBJBUF+1,1" ACB MACRF BYTE 4
		1... ..		ACBRLS	"X'80" RLS PROCESSING
		.1.. ..		ACBSNP	"X'40" SNP OPTION
		..1.		ACBNOCVR	"X'20" CICSVR NOT ALLOWED
1400	(578)	BITSTRING	1	ACBREFCFM	RECORD FORMAT
		1... ..		ACBRECAF	"X'80" JES FORMAT

IATYIDD Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1401	(579)	BITSTRING	1	ACBCCTYP	CONTROL CHARACTER TYPE
		11..		ACBTRCID	"X'00" 3800 TRANSLATE TABLE+8 (VS1)
		...1		ACBDLIXI	"X'10" CROSS INVALIDATE
		.... .1..		ACBCCASA	"X'04" ASA CONTROL CHARACTERS
		.... ..1.		ACBCCMCH	"X'02" MACHINE CONTROL CHARACTERS
		.... ...1		ACBCCDSI	"X'01" DATA STREAM. NO CONTROL CHARACTERS.
1401	(579)	X'579'	0	ACBFLGS	"ACBCCTYP,1" MISC VSAM FLAGS
		1...		ACBNOJCL	"X'80" RLS JCL OVERRIDE TO BE IGNORED
		.1..		ACBRDI	"X'40" 1=READ INTEGRITY SPECIFIED ON ACB
		..1.		ACBCNRD	"X'20" 1(0)=CR(NRI)
1402	(57A)	BITSTRING	2	ACBOPT (0)	NON-USER OPTIONS
1402	(57A)	BITSTRING	2	ACBDSORG (0)	MATCH ACBDORGA WITH DCBDSORG
1402	(57A)	BITSTRING	1	ACBDSOR1	DSORG FIRST BYTE

Comment

CHECKPOINT/RESTART OPTIONS

End of Comment

		1...		ACBCRNCK	"X'80" NO CHECK BY RESTART FOR MODIFICATIONS SINCE LAST CHECKPOINT
		.1..		ACBCRNRE	"X'40" DATA ADDED SINCE LAST CHECKPOINT NOT ERASED BY RESTART AND NO REPOSITION TO LAST CHECKPOINT TAKES PLACE
		..1.		ACBDVIND	"X'20" DEVICE INDICATR
		..1.		ACBOPTJ	"X'20" 3800 CONTROL CHAR PRESENT
1403	(57B)	BITSTRING	1	ACBDSOR2	DSORG SECOND BYTE
		.... 1...		ACBDORGA	"X'08" ACB INDICATOR
1404	(57C)	ADDRESS	4	ACBMSGAR	MSG AREA PTR X04SVHS
1408	(580)	ADDRESS	4	ACBPASSW	PASSWORD ADDRESS
1412	(584)	ADDRESS	4	ACBEXLST (0)	USER EXIT LIST ADDRESS
1412	(584)	ADDRESS	4	ACBUEL	ALTERNATE NAME FOR ACBEXLST

Comment

BEFORE ACB IS OPENED
(FOR VTAM, ACBDDNM IS INITIALIZED TO
X'FF00000000000000') X03004

End of Comment

1416	(588)	CHARACTER	8	ACBDDNM	DDNAME - MUST BE THE SAME AS THE NAME FIELD ON THE DD STATEMENT DEFINING THE DATA SET ASSOCIATED WITH THIS ACB
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Comment

AFTER ACB IS OPENED

End of Comment

1416	(588)	SIGNED	2	ACBTIOT	OFFSET FROM TIOT ORIGIN TO THE TIOELNGH FIELD IN THE TIOT ENTRY FOR THE DD STATEMENT FOR THIS ACB
1418	(58A)	BITSTRING	1	ACBINFL	CONTENTS AND MEANING ARE THE SAME AS ACBINFLG (BEFORE OPEN)
1419	(58B)	BITSTRING	1	ACBAM (0)	ALTERNATE NAME FOR ACBAMETH X03004
1419	(58B)	BITSTRING	1	ACBAMETH	ACCESS METHOD TYPE
		.11.		ACBVTAM	"X'60" VTAM X03004
		.1.. ...1		ACBSUBS	"X'41" SUBSYSTEMS
		..11 ...1		ACBTCAM	"X'31" TCAM
		..1. ..11		ACBRCI	"X'23" JES/RCI
		..1. ..1.		ACBRTAM	"X'22" JES/RTAM
		..1. ...1		ACBJAM	"X'21" JES/JAM
		...1 ...1		ACBVSAM	"X'11" VSAM

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1420	(58C)	BITSTRING	1	ACBERFL	FOR JES, CONTENTS AND MEANING ARE THE SAME AS ACBERFLG (BEFORE OPEN) - NOT USED BY VSAM/VTAM
1421	(58D)	ADDRESS	3	ACBDEB	DEB ADDRESS
Comment					
NOT MOVED BY OPEN					
End of Comment					
1424	(590)	BITSTRING	1	ACBOFLGS	OPEN / CLOSE FLAGS
		1...		ACBR31B	"X'80" 31-BIT BUFR REQUEST
		.1..		ACBR31C	"X'40" 31-BIT CB REQUEST
		..1.		ACBEOV	"X'20" EOVS CONCATENATION
		...1		ACBOPEN	"X'10" THE ACB IS OPEN
		.... 1...		ACBDSERR	"X'08" NO FURTHER REQUESTS ARE POSSIBLE AGAINST THIS ACB
		.... .1..		ACBRECOV	"X'04" ALLOW THE OPEN OF SPHERE MARKED AS 'RECOVERY REQUIRED'
		.... ..1.		ACBEXFG	"X'02" USER EXIT FLAG - SET TO 0 BY AN I/O SUPPORT WHEN A USER EXIT TAKEN; SET TO 1 ON RETURN
		.... ..1.		ACBLOCK	"X'02" ALTERNATE NAME FOR ACBEXFG X03004
		.... ...1		ACBIOSFG	"X'01" OPEN/CLOSE IN CONTROL - THE ACB IS BEING PROCESSED BY AN I/O SUPPORT FUNCTION
		.... ...1		ACBBUSY	"X'01" ALTERNATE NAME FOR ACBIOSFG X03004
Comment					
BEFORE ACB IS OPENED					
End of Comment					
1425	(591)	BITSTRING	1	ACBERFLG	ERROR FLAGS - FOR VSAM/VTAM THIS FIELD IS NOT MOVED BY OPEN AND ERROR FLAGS ARE RETURNED HERE; FOR JES THIS FIELD IS MOVED TO ACBERFL BY OPEN
Comment					
THE FOLLOWING CODES ARE COMMON TO ALL ACCESS X03004 METHODS. X03004					
End of Comment					
		.... .1..		ACBOALR	"X'04" THE ACB IS ALREADY OPEN
		.... .1..		ACBCALR	"X'04" THE ACB IS NOT OPEN
1426	(592)	BITSTRING	2	ACBINFLG (0)	INDICATOR FLAGS
1426	(592)	BITSTRING	1	ACBINFL1	FIRST IND FLAGS
		.1..		ACBJEPS	"X'40" JEPS IS USING THIS ACB
		..1.		ACBIJRQE	"X'20" AN RQE IS HELD BY JAM
		...1		ACBCAT	"X'10" ACB FOR VSAM CATALOG
		.... 1...		ACBSCRA	"X'08" CATALOG CONTROL BLOCK SYSTEM AREA X04SVHS
		.... .1..		ACBUCRA	"X'04" CATALOG CONTROL BLOCK USER AREA X04SVHS
		.... ..1.		ACBVVIC	"X'02" DATA SET BEING OPENED IS SYS1.VVIC X04SVHS
		.... ..1.		ACBSDS	"X'02" OPEN AS SYSTEM DATA SET
		.... ...1		ACBBYPSS	"X'01" BYPASS SECURITY ON OPEN IF CALLER AUTH
1427	(593)	BITSTRING	1	ACBINFL2	2ND IND FLAGS
		1...		ACBSWARN	"X'80" SUPPRESS OPEN WARNING MSG AND IMPLICIT VERIFY IF DATA SET NOT PROPERLY CLOSED CONDITION IS DETECTED
		.1..		ACBSOPEN	"X'40" SUPPRESS CLOSE CATALOG UPDATE OF THE OPEN INDICATOR

IATYIDD Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		..1.		ACBCBIC	"X'20" OPEN WITH CONTROL BLOCKS IN COMMON STORAGE AREA
		...1		ACBCATX	"X'10" CATX OPEN
		.... 1...		ACBCASRS	"X'08" CAS RESTART
		.... .1..		ACBISHRD	"X'04" IGNORE SHR DASD
		.... ..11		ACBSHROP	"X'03" SHARE OPTIONS
		.... ..1.		ACBSHR02	"X'02" CROSS REG SHARE 2
		.... ...1		ACBSHR01	"X'01" CROSS REG SHARE 1

Comment

NOT MOVED BY OPEN

End of Comment

1428	(594)	ADDRESS	4	ACBUJFCB (0)	USER JFCB ADDRESS
1428	(594)	BITSTRING	1	ACBOPTN	JAM UCS INDICATORX04SVHS
1429	(595)	BITSTRING	3		RESERVED X04SVHS
1432	(598)	SIGNED	4	ACBBUFSP	VIRTUAL CORE AVAILABLE FOR BUFFERS
1436	(59C)	SIGNED	2	ACBBLKSZ (0)	BLOCKSIZE
1436	(59C)	SIGNED	2	ACBMSGLN	LNG OF MSG AREA X04SVHS
1438	(59E)	SIGNED	2	ACBLRECL	LOGICAL RECORD LENGTH
1440	(5A0)	ADDRESS	4	ACBUAPTR	USER WORKAREA ADDRESS; CAXWA ADDRESS FOR CATALOG OPEN
1444	(5A4)	ADDRESS	4	ACBCBMWA	CONTROL BLOCK MANIPULATION WORKAREA ADDRESS
1448	(5A8)	ADDRESS	4	ACBAPID (0)	APPLICATION ID
1448	(5A8)	ADDRESS	4	ACBAMAX	ACCESS METHOD ACB EXTENSION ADDRESS(VTAM) X03004
1452	(5AC)	SIGNED	4	IDDIJWRK	PTR TO PSEUDO ACC METHOD WRK
1456	(5B0)	BITSTRING	1	IDDIJAE (0)	END OF JESJCLIN ACB
1456	(5B0)	BITSTRING	1	IDDIJBE (0)	END OF JCBLOCK ACB
1376	(560)	BITSTRING	1	(0)	ZERO JESJCLIN ACB STORAGE
1456	(5B0)	ADDRESS	4	IDDNSCAT	ADDRESS OF LIST OF NON-SMS CATLG VOLS REQ'D BY THE JOB
1460	(5B4)	SIGNED	4	IDDJSAV (18)	SAVE AREA FOR OPEN/CLOSE
1532	(5FC)	SIGNED	4	IDDIQMPA (9)	QMPA FOR CONVERTER

Comment

IDDSWAP SWAREQ MF=L SWA MANAGER PARAMETER LIST

End of Comment

1568	(620)	SIGNED	4	IDDSWAP (0)	SWA MANAGER PARAMETER LIST
1568	(620)	ADDRESS	4	EPA@0010	ADDR OF EPA FOR SWA MANAGER
1572	(624)	ADDRESS	4	FCD@0010	ADDR OF FUNCTION CODE FOR SWA MANAGER
1576	(628)	ADDRESS	4	IDDEPAP	ADDRESS OF SWA MANAGER EPA
1580	(62C)	BITSTRING	1	IDDEPA (0)	SWA MANAGER EXTENDED PARAMETERS
1608	(648)	SIGNED	4	IDDCJCT	JCT PTR
1608	(648)	X'64C'	0	IDDCIPND	*** END OF CI/PRESCAN COMMON SECT.

Comment

WORK AREA FOR THE CONVERTER/INTERPRETER PHASE

End of Comment

1612	(64C)	SIGNED	4	IDDCISTR (0)	START OF C/I WORK AREA
1616	(650)	DBL WORD	8	IDDCNTWK	WORK AREA FOR COUNTING 1
1624	(658)	SIGNED	4	IDDPRCAD	ADDR OF CURRENT PROC ENTRY
1628	(65C)	SIGNED	4	IDDICNT	NUMBER OF SYSIN DATA SETS
1632	(660)	SIGNED	4	IDDIJDSP	JDS POINT INFORMATION

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- ACCESS METHOD CONTROL BLOCK FOR JESJCL (STMT. IMAGE) -----					
End of Comment					
1636	(664)	SIGNED	4	IDDIM1A (0)	STATEMENT IMAGE ACB START
1636	(664)	BITSTRING	1	(0)	STAT IMAGE ACB
1716	(6B4)	BITSTRING	1	IDDIM1AE (0)	END OF STATEMENT IMAGE ACB
1716	(6B4)	SIGNED	4	IDDJELCT	SAVE AREA FOR LINES IN ACB FOR THE JESJCL DATA SET
Comment					
----- ACCESS METHOD CONTROL BLOCK FOR JESYSMSG -----					
End of Comment					
1720	(6B8)	SIGNED	4	IDDIM2A (0)	MSG DS ACB START
1720	(6B8)	BITSTRING	1	(0)	MSG DS ACB
1800	(708)	BITSTRING	1	IDDIM2AE (0)	END OF MSG DS ACB
Comment					
----- ACCESS METHOD CONTROL BLOCK FOR INTERNAL TEXT -----					
End of Comment					
1800	(708)	SIGNED	4	IDDIITA (0)	INTERNAL TEXT ACB START
1800	(708)	BITSTRING	1	(0)	INTERNAL TEXT ACB
1880	(758)	BITSTRING	1	IDDIITAE (0)	END OF INTERNAL TEXT ACB 0540
Comment					
<p>----- 0 SYSTEM SYMBOLICS DATA AREA 0 0 NOTES ON SYSTEM SYMBOLICS (&SYSVARIABLENAME) 0 0 THESE ARE SYSTEM-DEFINED VARIABLES THAT IN CERTAIN 0 CASES JES3 PROVIDES THE VALUE TO SCHEDULER FOR. 0 THUS, THE END USER OF JCL CAN USE THEM IN THEIR JOB'S 0 JCL, AND SCHEDULER WILL SUBSTITUTE THE JES3-PROVIDED 0 VALUES IN PLACE OF THE &VARIABLE NAME. 0 0 IN GENERAL, SYSTEM SYMBOLICS ARE RESOLVED BY 0 SCHEDULER, AND THUS A CERTAIN AMOUNT OF RESTRICTIONS 0 IN THEIR USE BY END-USERS ARE MADE: 0 0 1) NO USE OF SYSTEM SYMBOLICS ON JES JECL OR STATE- 0 MENTS THAT ARE UNPROCESSED BY SCHEDULER 0 (EG: // XMIT) ARE SUPPORTED, AS JES3 DOES NOT 0</p>					

IATYIDD Map

Dec	Hex	Type/Value	Len	Name (Dim)	Description
					MAKE ANY SUBSTITUTIONS BUT MERELY PROVIDES CERTAIN 0 VALUES FOR DURING C/I PROCESSING. 0
			0		
					THE FOLLOWING DOCUMENTS THE USE OF EACH OF THESE 0 SYSTEM-DEFINED VARIABLES: 0
			0		
					1) &SYSUID - 0
			0		
					THIS IS THE USER ID OF THE SESSION OWNER, AS 0 PROVIDED TO BY SAF AND ITS ASSOCIATED SECURITY 0 PRODUCT. 0
					AS A RESULT OF RECEIVING THE VALUE TOKUSER FROM 0 THE VERIFIED TOKEN IN IATISEN, WE PASS THIS 0 TOKUSER VALUE TO SCHEDULER IN FIELD IDDISYMU. 0 THUS, IF THE USER CODED '&SYSUID' IN THEIR JCL 0 AT ALL, SCHEDULER WILL SUBSTITUTE THE VALUE THAT 0 WE HAVE PLACED IN IDDISYMU BELOW FOR &SYSUID IN 0 THE USER'S JCL STREAM BEFORE INTERPRETATION. 0
			0		
					IF WE HAVE RECEIVED NOTIFICATION THAT TOKUSER WAS 0 NOT A VERIFIED USER DURING IATISEN PROCESSING, 0 THEN FIELD IDDISYMU IS NOT RETURNED TO SCHEDULER 0 SO THAT NO SUBSTITUTION IS MADE. 0
			0		
					SINCE WE ARE DEPENDANT ON SAF AND THE UNDERLYING 0 SECURITY PRODUCT TO RETURN THE VALUE OF THE 0 USERID TO JES3 (IN IATISEN), THEN &SYSUID IS NOT 0 SUPPORTED EITHER ON THE USER= OR PASSWORD= KEY- 0 WORDS ON THE JOB JCL STATEMENT (CART BEFORE THE 0 HORSE PROBLEM.) 0
			0		
					NOTE THAT JES3'S SETTING UP OF VALUE IDDISYMU IS 0 IN NO WAY DEPENDENT ON WHETHER THE USER ACTUALLY 0 USED A &SYSUID SPECIFICATION IN THE JCL; RATHER 0 WE ARE SENDING THIS VALUE TO SCHEDULER FOR IT TO 0 MAKE THE SUBSTITUTION IF IT FINDS &SYSUID WAS 0 ACTUALLY SPECIFIED. 0
			0		
			0		----- 0
					End of Comment
1880	(758)	CHARACTER	15	IDDISYMA (0)	SYSUID SYMBOLIC DATA AREA 0386
1880	(758)	CHARACTER	7	IDDISYM1	&SYSUID KEYWORD 0386
1887	(75F)	CHARACTER	8	IDDISYMU	&SYSUID PARAMETER VALUE 0386 USED TO INFORM SCHEDULER 0540 OF THE VALUE SCHEDULER 0540 SHOULD SUBSTITUTE &SYSUID 0540 FOR IF IT FINDS AN OCCUR- 0540 ANCE OF &SYSUID IN THE JCL 0540 STREAM 0540
1895	(767)	BITSTRING	1	IDDIPRSV	RESERVED FOR DEVELOPMENT 0386
1896	(768)	SIGNED	4	IDDICIRT	C/I RETURN CODE
					Comment

					SPOOL ADDRESSES FOR JESJCLIN, JESJCL AND JESYSMSG

					End of Comment
1900	(76C)	BITSTRING	6	IDDJCFT	JESJCLIN FIRST SPOOL ADDRESS
1906	(772)	BITSTRING	6	IDDJFT	JESJCL FIRST SPOOL ADDRESS
1912	(778)	BITSTRING	6	IDDJELT	JESJCL LAST SPOOL ADDRESS
1918	(77E)	BITSTRING	6	IDDSYFT	JESYSMSG FIRST SPOOL ADDR
1924	(784)	BITSTRING	6	IDDSYLT	JESYSMSG LAST SPOOL ADDRESS
1930	(78A)	BITSTRING	2	IDDSPRSV	RESERVED
1932	(78C)	BITSTRING	1	IDDIMSG1	CONV/INT MESSAGE FLAGS

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- DEFINITION OF IDDIMSG1 -----					
End of Comment					
		1... ..		IDDERIC1	"X'80" DSID+USER-WRITER SPECIFIED
		.1.		IDDERIC2	"X'40" DSID BUT NON-3540 SYSOUT
		..1.		IDDERIC3	"X'20" 3540 CLASS BUT NO DSID
		...1		IDDCPYER	"X'10" 'COPIES=' ERROR
		.... 1..		IDDIMACE	"X'08" UNABLE TO CREATE ACEE
		.... .1.		IDDISYMT	"X'04" SYMBOL TABLE INCLUDED 0038
		.... ..1.		IDDIM102	"X'02" Reserved for IBM
		.... ...1		IDDERCUW	"X'01" USER-WRITER SPECIFIED
Comment					
----- STORAGE FOR SYSIN JDS ENTRY (USED BY IATIICX/IATGRJA) NOTE: THIS MUST BE CHANGED IF A SYSIN JDS ENTRY EXCEEDS L'JDSVSIZE. -----					
End of Comment					
1933	(78D)	BITSTRING	1	IDDJDSIN (0)	Storage for SYSIN JDS ENTRY
Comment					
----- MODULE ADDRESSES -----					
End of Comment					
2268	(8DC)	ADDRESS	4	IDDCONV	ENTRY POINT FOR CONVERTER
2272	(8E0)	ADDRESS	4	IDDINTP	ENTRY POINT FOR INTERPRETER
2276	(8E4)	ADDRESS	4	IDDQMST	ADDRESS OF JES3 QMST IEFQBJUST
2280	(8E8)	CHARACTER	12	IDDRSRVD	Reserved
2292	(8F4)	ADDRESS	4	IDDJDSPT	JDS Entry Address. Set by IATIICX's Open Exit, and cleared by the Close Exit.
2296	(8F8)	SIGNED	2	IDDARMSL	Symbol table length for ARM restarted jobs
2298	(8FA)	SIGNED	2	IDDICR01	Reserved for IBM
2300	(8FC)	SIGNED	4	IDDJELBC	JESJCL byte count
2304	(900)	SIGNED	4	IDDMINLV	Minimum BCP execution level 17648TAC set by MVS converter 17648TAA
2308	(904)	SIGNED	4	IDDSYMBC	JESYSMSG byte count
2312	(908)	SIGNED	4	IDDICR05	Reserved for IBM
2316	(90C)	BITSTRING	1	IDDICEND (0)	END OF INT WORK AREA FOR C/I
Comment					
----- WORK AREA FOR THE PRESCAN PHASE -----					
End of Comment					
1612	(64C)	SIGNED	4	IDDPREST (0)	START OF PRESCAN AREA
1612	(64C)	SIGNED	4	IDDCMENT	ENTRY POINT OF COMPAT. MOD.
1616	(650)	BITSTRING	32	IDDCMFDB	FDB FOR CONTROL BLOCK FILE
1648	(670)	SIGNED	4	IDDPCAT	PASS/CAT. TABLE CHAIN
1652	(674)	SIGNED	4	IDDCURWA	CURRENT WORK AREA
1656	(678)	SIGNED	4	IDDWORKA	WORK AREA CHAIN
1660	(67C)	SIGNED	4	IDDCLOC1	CURRENT LOCATE TABLE PTR
1664	(680)	SIGNED	4	IDDCLOC2	CUR. CAT. LOC. TABLE PTR
1668	(684)	CHARACTER	44	IDDPGDGD	GDG DSN EXPANSION
1712	(6B0)	BITSTRING	1	IDDMPSNM	SAVE PROCSTEPNAME LENGTH 0046

IATYIDD Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1713	(6B1)	BITSTRING	1	IDDPRCNM (8)	SAVE PROCSTEPNAME 0046
1721	(6B9)	BITSTRING	1	IDDMSTNM	SAVE STEPNAME LENGTH 0046
1722	(6BA)	BITSTRING	1	IDDSTPNM (8)	SAVE STEPNAME 0046
1730	(6C2)	BITSTRING	1	IDDMDDNM	SAVE DDNAME LENGTH 0046
1731	(6C3)	BITSTRING	1	IDDDDNAM (8)	SAVE DDNAME 0046
1739	(6CB)	CHARACTER	8	IDDCONNM	NAME FOR CONCATENATION
1747	(6D3)	BITSTRING	1	IDCCCON	CONCATENATION NUMBER
1748	(6D4)	BITSTRING	1	IDDDMDTP	SETUNIT TYPE, DMD ALLOC \$\$\$\$
1749	(6D5)	BITSTRING	1	IDDRSVSF	RESERVED FOR SERVICE
1750	(6D6)	SIGNED	2	IDDCONNO	CURRENT CONCATENATION #
1752	(6D8)	SIGNED	2	IDDCURD	CURRENT WORK AREA DISP.
1754	(6DA)	SIGNED	2	IDDLJOB	LVS JOBLIB CAT. ENTRY ADDR
1756	(6DC)	SIGNED	4	IDDPRSVS (3)	RESERVED FOR SERVICE
1768	(6E8)	BITSTRING	132	IDDPWRK	WORK AREA
1768	(6E8)	X'6E8'	0	IDDSNDSV	"IDDPWRK,40" THIS IS A SECOND SAVE AREA THAT CAN BE USED DURING PRESCAN PROCESSING. BUT BEWARE, IT IS VOLATILE!!!
1900	(76C)	SIGNED	4	IDDPCATE	RELATIVE PASS/CATALOG ENTRY ADDRESS
1904	(770)	SIGNED	4	IDDPRSDV	RESERVED FOR DEVELOPMENT
1908	(774)	SIGNED	4	IDDNSCTP	NON-SMS MGD CATLG ENTRY POINTER
1912	(778)	SIGNED	4	IDDHEADP	HEAD POINTER USED TO FIND THE FIRST ENTRY FOR THE CURRENT STEP IN THE NON-SMS CATALOG LIST
1916	(77C)	SIGNED	4	IDDTRAVP	TRAVERSING POINTER USED TO SCAN ENTRIES IN NON-SMS CATALOG LIST FOR DUPLICATE ENTRIES
1920	(780)	SIGNED	2	IDDNSNUM	NUMBER OF NON-SMS CATLG ENTRIES
1922	(782)	SIGNED	2	IDNRSVH	RESERVED FOR DEVELOPMENT
1924	(784)	BITSTRING	9	IDDPRSVU	RESERVED FOR USER 2819
1933	(78D)	BITSTRING	1	IDDSJTRC	SJF TRACE FLAG 2819

Comment

----- 2
DEFINITION OF IDDSJTRC 2
----- 2

End of Comment

		1... ..		IDDSJFAC	"X'80" SJF IS ACTIVE
		.1. . . .		IDDSJFRE	"X'40" CALL TO SJF RETRIEVE ACTIVE 2819
		..1. . . .		IDDSJFFA	"X'20" CALL TO SJF FIND IS ACTIVE 2819
		...1		IDDSJFUA	"X'10" CALL TO SJF UPDATE ACTIVE 2819
		.... 1... .		IDDSJFGA	"X'08" CALL TO SJF GET IS ACTIVE 2819
		.... .1.. .		IDDSJFTA	"X'04" CALL TO SJF TERMINATE ACTIV 2819
		.... ..1. .		IDDSJFUN	"X'02" SJF UPDATE NEEDED
		.... ...1 .		IDDSWBFL	"X'01" FAILURE IN SWB PROCESSING 2819
1934	(78E)	BITSTRING	1	IDDCFLG1	COMPATIBILITY FLAG # 1

Comment

DEFINITION OF IDDCFLG1

End of Comment

		1... ..		IDDCWRIT	"X'80" WRITE OUT THE CONTROL BLOCKS
		.1. . . .		IDDCJEND	"X'40" JOB END RECEIVED
		..1. . . .		IDDCJREC	"X'20" JOB RECORD SUPPLIED
		...1		IDDCSREC	"X'10" STEP RECORD SUPPLIED
		.... 1... .		IDDCDREC	"X'08" DD RECORD SUPPLIED
		.... .1.. .		IDDCJBLB	"X'04" 1ST JOBLIB PROCESSED
		.... ..1. .		IDCCJBL	"X'02" CONCAT. RESTART JOBLIB
		.... ...1 .		IDDCJBCT	"X'01" JOBCAT DD ALREADY PROCESSED
1935	(78F)	BITSTRING	1	IDDPFLG1	PRESCAN FLAG #1

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- DEFINITION OF IDDPFLG1 -----					
End of Comment					
		1... ..		IDDPRCMT	"X'80" INTER-JOB CATALOG MATCH
		.1.		IDDP RPMT	"X'40" INTER-JOB PASS MATCH
		..1.		IDDP RSUP	"X'20" STEP UPDATE REQUIRED
		...1		IDDOU TPR	"X'10" OUTPUT STATEMENT PROCESSING 3061 HAS BEEN PERFORMED 3061
		.... 1...		IDDSIPAD	"X'08" IPADDR exists in DEST stmt 0318
		.... .1.		IDDPF104	"X'04" RESERVED
		.... ..1.		IDDPF102	"X'02" RESERVED
		.... ...1		IDDPF101	"X'01" RESERVED
1935	(78F)	X'790'	0	IDDPREPE	***
----- WORK AREA FOR IATIICM/IATIIOS -----					
End of Comment					
1936	(790)	SIGNED	4	IDDPWK (21)	WORK AREA FOR ACCESS METHOD
2020	(7E4)	SIGNED	4	IDDSWBUF	PTR TO WORKING STGE IICM
2024	(7E8)	SIGNED	4	IDDIIOSW	PTR TO WORKING STGE IATIIOS
2028	(7EC)	SIGNED	4	IDDSWB	ADDRESS OF SWB ANCHOR
2032	(7F0)	SIGNED	4	IDDSJGEP	SJF GET PARMLIST ADDRESS 3361
2036	(7F4)	SIGNED	4	IDDMRESS (2)	RESERVED FOR SERVICE 3361
2044	(7FC)	SIGNED	4	IDDCSCT	SCT PTR
2048	(800)	SIGNED	4	IDDCCSCT	CURRENT SCT PTR
2052	(804)	SIGNED	4	IDDCJMR	JMR PTR
2056	(808)	SIGNED	4	IDDCJFCB	JFCB PTR
2060	(80C)	SIGNED	4	IDDCSIOT	SIOT PTR
2064	(810)	SIGNED	4	IDDCDSNQ	DSENG PTR
2068	(814)	SIGNED	4	IDDCDSN	DSN PTR
2072	(818)	SIGNED	4	IDDCCHNA	ALTERNATE SCT PTR
2076	(81C)	SIGNED	4	IDDCSPLT	SPLIT ALLOCATION PTR
2080	(820)	SIGNED	4	IDDCMRES	COMPATIBILITY RESTART ADDR
2084	(824)	SIGNED	4	IDDCNDSN	NEXT DSN LTTR
2088	(828)	SIGNED	4	IDDCPGME	PGM=* SIOT PTR
2092	(82C)	SIGNED	4	IDDCJXTM	EST. JOB TIME FROM JCT
2096	(830)	SIGNED	4	IDDCORSI	TEMP. NEXT-SIOT STORAGE
2100	(834)	SIGNED	4	IDDTRMPL	PTR TO SJF PARAMETER LIST FOR SJF TERMINATION REQUEST
2104	(838)	SIGNED	4	IDDCMRSS (4)	RESERVED FOR SERVICE
2120	(848)	SIGNED	4	IDDCMRSD (3)	RESERVED FOR DEVELOPMENT
2132	(854)	SIGNED	4	IDDCMRSU	RESERVED FOR USER
2136	(858)	SIGNED	2	IDDCMWSZ	SIZE OF WORKING STGE IN IICM
2138	(85A)	SIGNED	2	IDDOSWSZ	SIZE OF WORKING STGE IN IIOS
2140	(85C)	SIGNED	2	IDDAUXSZ	SIZE OF AUXILIARY SWB BUFFER
2142	(85E)	SIGNED	2	IDDRSVD1	RESERVED FOR SERVICE 0007
2144	(860)	SIGNED	2	IDDCSINO	NUMBER OF SIOTS IN THE STEP
2146	(862)	SIGNED	2	IDDCSTNO	STEP NUMBER
----- WORK AREA FOR SWA PROCESSING -----					
End of Comment					
2148	(864)	SIGNED	4	IDDSWIOT	PTR TO CURRENT SIOT
2152	(868)	SIGNED	4	IDDIICMW	PTR TO WORKING STGE FOR SWA PROCESSING

IATYIDD Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
2156	(86C)	SIGNED	4	IDDRSVFW	RESERVED FOR DEVELOPMENT
2160	(870)	SIGNED	4	IDDCMSRC	RETURN CODE FROM SJF (IF SJF ERROR DURING SWA PROCESSING)
2164	(874)	SIGNED	4	IDDCMSRE	REASON CODE FROM SJF (IF SJF ERROR DURING SWA PROCESSING)
2168	(878)	ADDRESS	4	IDDCMPRM	ADDRESS OF SWA PROCESSING PARM AREA (USED BY SJF)
2172	(87C)	ADDRESS	4	IDDCMRTN	ADDRESS OF SWA PROCESSING ROUTINE IN IATIICM (USED BY IATIIST)

Comment

SJF PARAMETER LISTS - USED BY SWA PROCESSING

End of Comment

2176	(880)	ADDRESS	4	IDDRSVAD	RESERVED FOR DEVELOPMENT
2180	(884)	ADDRESS	4	IDDSJRTV	ADDRESS OF SJF RETRIEVE PARM LIST (USED BY SWA PROCESSING)

Comment

3 LINES DELETED BY PTM PH90207 0

End of Comment

2184	(888)	BITSTRING	1	IDDCRSVD	RESERVED FOR DEVELOPMENT 0207 0207
2184	(888)	X'889'	0	IDDCOME	***

Comment

WORK AREA FOR COMPATIBILITY RETURNS

End of Comment

2188	(88C)	SIGNED	4	IDDRCOMM (0)	ORIGIN FOR JBL, STP, DDL
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Comment

IATYJOB TYPE=NULL
Job Level Information

01 CHANGE ACTIVITY:
\$TA= z2.1.0 HJS7790 120224 PD0TN: z 2.1.0 16710TAA

End of Comment

2188	(88C)	SIGNED	4	IATYJOB (0)	- JOB LEVEL INFO START
2188	(88C)	SIGNED	4	JBLTSOID	- TSO USER ID PTR
2192	(890)	SIGNED	4	JBLACT#1	ADDRESS OF IDDACT#1 WHICH CONTAINS PROGRAMMER NAME, JOB TIME, AND JOB ACCTG INFO COPIED FROM THE FIRST JOB ACT
2196	(894)	SIGNED	4	JBLACT#2	ADDRESS OF IDDACT#2 WHICH CONTAINS PROGRAMMER NAME, JOB TIME, AND JOB ACCTG INFO COPIED FROM THE SECOND JOB ACT
2200	(898)	SIGNED	4	JBLSMFU	- PTR TO USER SMF AREA
2204	(89C)	CHARACTER	1	JBLRSVD1	RESERVED FOR DEVELOPMENT 0043
2205	(89D)	CHARACTER	1	JBLMSGCL	- JOB MESSAGE CLASS
2206	(89E)	CHARACTER	1	JBLPRTY	- JOB PRIORITY
2207	(89F)	CHARACTER	1	JBLCLASS	- JOB CLASS
2208	(8A0)	BITSTRING	1	JBLFSTEP	- STEP NUM OF FIRST STP TO RUN
2209	(8A1)	BITSTRING	1	JBLRSTRT	- JOB RESTART FLAGS

Comment

----- 16710TAM
Definition of JBLRSTRT 16710TAM
----- 16710TAM

End of Comment

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
		1... ..		JBLSTPRS	"X'80" - Step restart specified 16710TAM
		.1.. ..		JBLCHKRS	"X'40" - Checkpoint restart specif'd 16710TAM
		... 1..		JBLJRNL	"X'08" Journal required 16710TAM 16710TAA
2210	(8A2)	BITSTRING	1	JBLFLAG1	- JOB STATUS FLAG

Comment

----- 16710TAM
 Definition of JBLFLAG1 16710TAM
 ----- 16710TAM

End of Comment

		1... ..		JBLADDRL	"X'80" - ADDRSPC=REAL was specified 16710TAM 16710TAA
2212	(8A4)	SIGNED	4	JBLRSVD	RESERVED FOR DEVELOPMENT
2216	(8A8)	SIGNED	4	JBLRSVS	RESERVED FOR SERVICE
2220	(8AC)	SIGNED	4	JBLRSVU	RESERVED FOR USER
2224	(8B0)	BITSTRING	1	JBLEND (0)	- END OF JOBL ENTRY 10#16710TAD

Comment

IATYSTP TYPE=NULL
 STEP LEVEL INFORMATION
 CHANGE-ACTIVITY =
 \$TA= z2.1.0 HJS7790 120224 PD0TN: z 2.1.0 16710TAA

End of Comment

2188	(88C)	SIGNED	4	IATYSTP (0)	- STEP LEVEL INFO START
2188	(88C)	SIGNED	4	STLSTPNM	- STEP NAME PTR
2192	(890)	SIGNED	4	STLPSTNM	- PROC STEP NAME PTR
2196	(894)	SIGNED	4	STLREGN	- REGION SIZE PTR (SCTMSSZE) 0081
2200	(898)	SIGNED	4	STLREGNX	- REGION SIZE PTR (SCTRGSZ) 0081
2204	(89C)	SIGNED	4	STLPGMNM	- PROGRAM NAME PTR
2208	(8A0)	SIGNED	4	STLSDPCD	- STEP DEPENDENCY CODES PTR
2212	(8A4)	SIGNED	4	STLACT#1	ADDRESS OF IDDACT#1 WHICH CONTAINS PROGRAMMER NAME, JOB TIME AND JOB ACCTG INFO COPIED FROM FIRST ACT FOR THIS STEP
2216	(8A8)	SIGNED	4	STLACT#2	ADDRESS OF IDDACT#2 WHICH CONTAINS PROGRAMMER NAME, JOB TIME AND JOB ACCTG INFO COPIED FROM SECOND ACT FOR THIS STEP
2220	(8AC)	SIGNED	4	STLID	- LTR(R/I)/SWA(C/I) OF SCT
2224	(8B0)	SIGNED	2	STLPCATN	- NUMBER OF PRIVATE CATALOGS
2226	(8B2)	BITSTRING	1	STLFLGS1	- FLAG RESERVED FOR SERVICE
2227	(8B3)	BITSTRING	1	STLSTPNO	- STEP NUMBER
2228	(8B4)	BITSTRING	1	STLFLAG1	- FLAG #1

Comment

----- 16710TAM
 Definition of STLFLAG1 16710TAM
 ----- 16710TAM

End of Comment

		1... ..		STLADDRL	"X'80" - ADDRSPC=REAL specified 16710TAM
		.1.. ..		STLPCEQJ	"X'40" - Private cat equals JOBCAT 16710TAM
		..1.		STLCONEV	"X'20" - Cond code EQ EVEN specified 16710TAM
		...1		STLCONON	"X'10" - Cond code EQ ONLY specified 16710TAM
		... 1..		STLJRNL	"X'08" Journal required 16710TAM
2229	(8B5)	BITSTRING	1	STLFLAGS	- FLAG RESERVED FOR SERVICE
2230	(8B6)	BITSTRING	1	STLFLAGD	- FLAG RESERVED FOR DVLPMNT
2231	(8B7)	BITSTRING	1	STLFLAGU	- FLAG RESERVED FOR USER
2232	(8B8)	SIGNED	2	STLPERFG	- STEP LEVEL PERFORMANCE
2234	(8BA)	BITSTRING	1	STLEND (0)	- END OF STPL ENTRY 8#16710TAD
2316	(90C)	CHARACTER	169	IDDACT#1	IICM STOR. FOR ACT#1 AND #2
2485	(9B5)	CHARACTER	169	IDDACT#2	MAPPED BY INTERNAL DSECT

IATYIDD Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
IATYDDL TYPE=NULL					
DD LEVEL INFORMATION					
01 Change Activity:					
\$TA= z2.1.0 HJS7790 130204 RD0RJ: z 2.1.0 18531TAA					
End of Comment					
2188	(88C)	SIGNED	4	IATYDDL (0)	DD LEVEL INFO START
2188	(88C)	SIGNED	4	DDLDDNAM	DDNAME PTR
2192	(890)	SIGNED	4	DDLDSN	DATA SET NAME PTR
2196	(894)	SIGNED	4	DDLDSNQ	DATA SET NAME QUALIFIER PTR
2200	(898)	SIGNED	4	DDLUNIT	PTR TO UNIT NAME
2204	(89C)	CHARACTER	4	DDL4DGT	4 DIGIT DEVICE NUMBER
2208	(8A0)	SIGNED	4	DDLUNIQ	SWA ADDRESS OF THE SIOT
Comment					
4 LINES DELETED BY APAR OY66987					
End of Comment					
2212	(8A4)	SIGNED	4	DDLJFCB	PTR TO VOLS IN JFCB
2216	(8A8)	SIGNED	4	DDLVL#1	PTR TO VOLS IN JFCBX #1
2220	(8AC)	SIGNED	4	DDLVL#2	PTR TO VOLS IN JFCBX #2
2224	(8B0)	SIGNED	4	DDLVL#3	PTR TO VOLS IN JFCBX #3
2228	(8B4)	SIGNED	4	DDLVL#4	PTR TO VOLS IN JFCBX #4
2232	(8B8)	SIGNED	4	DDLVL#5	PTR TO VOLS IN JFCBX #5
2236	(8BC)	SIGNED	4	DDLVL#6	PTR TO VOLS IN JFCBX #6
2240	(8C0)	SIGNED	4	DDLVL#7	PTR TO VOLS IN JFCBX #7
2244	(8C4)	SIGNED	4	DDLVL#8	PTR TO VOLS IN JFCBX #8
2248	(8C8)	SIGNED	4	DDLVL#9	PTR TO VOLS IN JFCBX #9
2252	(8CC)	SIGNED	4	DDLVL#10	PTR TO VOLS IN JFCBX #10
2256	(8D0)	SIGNED	4	DDLVL#11	PTR TO VOLS IN JFCBX #11
2260	(8D4)	SIGNED	4	DDLVL#12	PTR TO VOLS IN JFCBX #12
2264	(8D8)	SIGNED	4	DDLVL#13	PTR TO VOLS IN JFCBX #13
2268	(8DC)	SIGNED	4	DDLVL#14	PTR TO VOLS IN JFCBX #14
2272	(8E0)	SIGNED	4	DDLVL#15	PTR TO VOLS IN JFCBX #15
2276	(8E4)	SIGNED	4	DDLVL#16	PTR TO VOLS IN JFCBX #16
2280	(8E8)	SIGNED	4	DDLVL#17	PTR TO VOLS IN JFCBX #17
2284	(8EC)	SIGNED	4	DDLVREF	BK REF ID (VOL=REF/SUB/SPLT)
2288	(8F0)	ADDRESS	4	DDLANAM	Pointer to temporary data set name (SCTANAME)
2292	(8F4)	SIGNED	4	DDLDSNP	PTR TO DSN FOR VOL=REF=DSN
2296	(8F8)	SIGNED	4	DDLUAFFP	UNIQUE ID OF AFF'D REQUEST
2300	(8FC)	SIGNED	4	DDLDCBP	PTR TO DSN FOR DCB=DSN
2304	(900)	SIGNED	4	DDLKEP	PTR TO DSN FOR LIKE=DSN
Comment					

THE FOLLOWING TWO FIELDS ARE PASSED TO IFG0JES3.					
THEY MUST BE CONTIGUOUS.					

End of Comment					
2308	(904)	CHARACTER	8	DDLMSUT	SMS MANAGED MOUNTABLE UNIT- NAME
2316	(90C)	SIGNED	4	DDLULIST	POINTER TO UNITNAME LIST
2320	(910)	SIGNED	4	DDLUAFFI	SIOT ADDRESS OF DD SPECIFIED ON UNIT=AFF REQUEST
Comment					
THIS LINE DELETED BY APAR OW38427					
End of Comment					

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
2324	(914)	SIGNED	2	DDLRSVSR	RESERVED FOR SERVICE
2326	(916)	SIGNED	2	DDLDSSEQ	DATA SET SEQUENCE NUMBER FROM LABEL PARAMETER
2328	(918)	SIGNED	2	DDLDSND	STEP # OF DSN DEQ
2330	(91A)	BITSTRING	1	DDLNUMUN	NUMBER OF UNITS REQUESTED
2331	(91B)	BITSTRING	1	DDLDCBL	LEN OF DSN FOR DCB=DSN
2332	(91C)	BITSTRING	1	DDLLIKEL	LEN OF DSN FOR LIKE=DSN
2333	(91D)	BITSTRING	1	DDLMEDIA	MEDIA TYPE (FROM JFCTDSI1)
2334	(91E)	BITSTRING	1	DDLDSNL	LEN OF DSN FOR VOL=REF=DSN
2335	(91F)	BITSTRING	1	DDLNOVLS	COUNT OF VOLUMES SPECIFIED
2336	(920)	BITSTRING	1	DDLVOLCT	VOLCOUNT OF MAX VOL
2337	(921)	BITSTRING	1	DDLVLSEQ	VOLUME SEQUENCE NUMBER
2338	(922)	BITSTRING	1	DDLFLG1	FLAG1 - LABEL INFORMATION

Comment

 DEFINITION OF DDLFLG1 - LABEL INFORMATION

End of Comment

		.1..		DDLAL	"X'40" AL (IF BIT 4 ON THEN AUL)
		..1.		DDLTM	"X'20" DOS LEADING TAPE MARK
		...1		DDLBP	"X'10" BYPASS LABEL PROCESSING
		.... 1.1.		DDLUL	"X'0A" USER LABEL
		.... .1..		DDLNSL	"X'04" NONSTANDARD LABEL
		.... ..1.		DDLSL	"X'02" STANDARD LABEL
		.... ...1		DDLNL	"X'01" NO LABEL
2339	(923)	BITSTRING	1	DDLFLG2	FLAG2 - DISPOSITION

Comment

 DEFINITION OF DDLFLG2 - DISP INFORMATION

End of Comment

		11..		DDLNEW	"X'C0" DISP=NEW
		1...		DDLMOD	"X'80" DISP=MOD
		.1..		DDLOLD	"X'40" DISP=OLD
		..1.		DDLXXX1	"X'20" RSRVD FOR DEVELOPMENT
		...1		DDLPASS	"X'10" DISP=PASS
		.... 1...		DDLKEEP	"X'08" DISP=KEEP
		.... .1..		DDLDEL	"X'04" DISP=DELETE
		.... ..1.		DDLCAT	"X'02" DISP=CATLG
		.... ...1		DDLUCAT	"X'01" DISP=UNCATLG
2340	(924)	BITSTRING	1	DDLFLG3	FLAG3 - EXPLICIT BACK REF

Comment

 DEFINITION OF DDLFLG3 - EXPLICIT BACK REF

End of Comment

		1...		DDLUNAFF	"X'80" UNIT AFFINITY SPECIFIED
		..1.		DDLVRDD	"X'40" VOL=REF=DD SPECIFIED
		...1		DDLVRDS	"X'20" VOL=REF=DSN SPECIFIED
		.... 1...		DDLDCBRF	"X'10" DCB=DSNAME SPECIFIED
		.... ..1.		DDLMS	"X'08" THE DATA SET IS SMS MANAGED
		.... ...1		DDLVRFEX	"X'04" A REFERENCE TO AN LVS ENTRY EXISTS AND SHOULD BE INCLUDED IN THE REFERENCING ENTRY
		.... ..1.		DDLVRPAS	"X'02" PASSED DATASET
		.... ...1		DDLJSCR	"X'01" PRIV. CATLG. REFERENCE

IATYIDD Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
2341	(925)	BITSTRING	1	DDLFLG4	FLAG4 - REQUEST STRIKE OUT
----- Comment -----					
DEFINITION OF DDLFLG4 - REQUEST STRIKE OUT -----					
----- End of Comment -----					
		1... ..		DDLUM	"X'80" DD DUMMY WAS SPECIFIED
		.1.. ..		DDLSYS	"X'40" SYSIN/SYSOUT DATA SET
		..1. ..		DDLTERMT	"X'20" TSO TERM=TS
		...1 ..		DDLQNAM	"X'10" TCAM QNAME=
		.... 1..		DDLUNIT	"X'08" POSSIBLE INVALID UNIT
		.... .1.		DDLGDGAL	"X'04" POTENTIAL GDG-ALL
		.... .1.		DDLDCBDS	"X'02" CREATE IJS FOR DCB=DSN
		.... ...1		DDLINVU	"X'01" UNSUPPORTED/INVALID UNIT
2342	(926)	BITSTRING	1	DDLFLG5	FLAG5 - GENERAL INFO #1
----- Comment -----					
DEFINITION OF DDLFLG5 - GENERAL INFO #1 -----					
----- End of Comment -----					
		1... ..		DDLPCAT	"X'80" POTENTIAL CATAL REQUEST
		.1.. ..		DDLISAM	"X'40" DSORG=IS SPECIFIED
		..1. ..		DDLCCAT	"X'20" CONCATENATED DD REQ
		...1 ..		DDLGDSN	"X'10" GENERATED DSN
		.... 1..		DDLJOBL	"X'08" JOBLIB DD REQUEST
		.... .1.		DDLJSCAT	"X'04" JOBCAT/STPCAT REQUEST
		.... .1.		DDLATC	"X'02" CONCATENATED PRIVATE CATALOG
		.... ...1		DDLGDGS	"X'01" GDG SINGLE REQUEST
2343	(927)	BITSTRING	1	DDLFLG6	FLAG6 - GENERAL INFO #2
----- Comment -----					
DEFINITION OF DDLFLG6 - GENERAL INFO #2 -----					
----- End of Comment -----					
		1... ..		DDLDEFER	"X'80" DEFER MOUNTING REQUEST
		.1.. ..		DDLDSR	"X'40" SCRATCH REQUEST
		..1. ..		DDLDPAR	"X'20" PARALLEL MOUNT REQUEST
		...1 ..		DDLJOBC	"X'10" JOBCAT DD - SET BY IATIIPR
		.... 1..		DDLINOUT	"X'08" IN/OUT TYPE OF DATA SET
		.... .1.		DDLOUTIN	"X'04" OUT/IN TYPE OF DATA SET
		.... .1.		DDLPRIV	"X'02" PRIVATE WAS SPECIFIED
		.... ...1		DDLDEL	"X'01" DATA SET DELETED IN 0122 PREVIOUS STEP 0122
2344	(928)	BITSTRING	1	DDLFLG7	FLAG7 - GENERAL INFO #3
----- Comment -----					
DEFINITION OF DDLFLG7 - GENERAL INFO #3 -----					
----- End of Comment -----					
		1... ..		DDLSSYS	"X'80" 'SUBSYS=' SPECIFIED
		.1.. ..		DDLMSVGP	"X'40" 'MSVGP=' SPECIFIED
		..1. ..		DDLUNCAT	"X'20" DATASET TO BE LOCATED HAS BEEN UNCATALOGED

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		...1		DDLSSRCH	"X'10" SPECIAL PASS/CAT SEARCH FOR NEW MSVGP DATASET
		.... 1...		DDLDMND	"X'08" DEMAND ALLOCATION REQUEST (I.E. SIOTDMND)
		.... .1..		DDLRFMOD	"X'04" INDICATES PROBABLE REF TO DATA SET WITH DISP=(MOD,)
		.... ..1.		DDLJVTC	"X'02" JVT ENTRY HAS BEEN CREATED FOR THIS DD STATEMENT
		.... ...1		DDLSPMOD	"X'01" INDICATES SPECIAL DISP=(MOD,) PROCESSING IS REQUIRED.
2345	(929)	BITSTRING	1	DDLFLG8	FLAG8 - GENERAL INFO #4

Comment

 DEFINITION OF DDLFLG8 GENERAL INFO #4

End of Comment

		1...		DDLDSRC	"X'80" UNIT SEARCHED
		.1.		DDLCREJB	"X'40" THIS DATA SET WAS CREATED IN THIS JOB
		..1.		DDLMDNEW	"X'20" A DISP=MOD REQUEST IS REALLY A DISP=NEW REQUEST. THIS FLAG IS USED BY IATIIPR WHEN SETTING THE DISPOSITION IN THE LVS ENTRY.
		...1		DDLDEFUN	"X'10" THE UNIT TYPE FOR THIS DD IS A DEFAULT ASSIGNED BY SMS IDAX

Comment

 THE SIOTHIER BIT IN SIOTBYT4 IS SET TO INDICATE THAT SIOT REPRESENTS A HIERARCHICAL FILE. DDLHIER WILL BE SET IN IATIICM TO INDICATE A HIERARCHICAL FILE TO IATIIPR.

End of Comment

		.... 1...		DDLHIER	"X'08" A HIERARCHICAL FILE SPECIFIED
		.... .1..		DDLDUPT	"X'04" STORCLAS=DUPT@SMS SPEC'D

Comment

----- 18531TAA

The following two bits must be consecutive and maintained 18531TAA in the same order as the LVSDLIFO/LVSDFIFO flags in the 18531TAA LVS (IATYLVS). 18531TAA

----- 18531TAA

End of Comment

		.... ..1.		DDLGDGLI	"X'02" GDGORDER=LIFO specified 18531TAA
		.... ...1		DDLGDGFI	"X'01" GDGORDER=FIFO specified 18531TAA
2346	(92A)	BITSTRING	1	DDLFLG9	GENERAL INFORMATION FLAG

Comment

 DEFINITION OF DDLFLG9 - GENERAL INFO

End of Comment

		1...		DDLMSMM	"X'80" SMS MANAGED MOUNTABLE
		.1.		DDLURORD	"X'40" UNIT AFFINITY WAS INVALID. THE AFF'ING DD HAS TO USE THE UNIT ON THE AFF'D DD OR AN EDTINFO DEFAULT.

IATYIDD Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		..1.		DDLRF908	"X'20" JOB REQUIRES A MINIMUM 522 SYSTEM TO EXECUTE
		...1		DDLRF904	"X'10" THIS REQUEST (OR ONE THAT IT REFERENCES) SPECIFIES UNIT AFFINITY TO A REQUEST IN WHICH DISP IS NOT NEW
		.... 1...		DDLRF908	"X'08" RESERVED
		.... .1..		DDLRF904	"X'04" RESERVED
		.... ..1.		DDLRF901	"X'02" SSMHONOR JCL KEYWORD SPEC'D
		.... ...1		DDLRF901	"X'01" RESERVED
2347	(92B)	BITSTRING	1	DDLFLGA	RESERVED FOR USER
2348	(92C)	BITSTRING	1	DDLEND (0)	END OF DDL ENTRY

Comment

3
 WORK AREA FOR IATIOS, IATIISP AND IATIISB
 3

End of Comment

2188	(88C)	SIGNED	4	IDDOSWRK (0)	START OF IATIOS WORK AREA 3361
2188	(88C)	SIGNED	4	IDDOSSAV (7)	SAVE AREA FOR REGS 2-8 3361
2216	(8A8)	SIGNED	4	IDDSJFRC	RETURN CODE FROM SJF 3361 (IF SJF ERROR DETECTED)
2220	(8AC)	SIGNED	4	IDDSJRES	REASON CODE FROM SJF 3361 (IF SJF ERROR DETECTED)
2224	(8B0)	ADDRESS	4	IDDOTFDB	ADDR. OF OUTPUT FDB IN JDS 3361
2228	(8B4)	ADDRESS	4	IDDOTJDS	ADDRESS OF JDS ENTRY 3361
2232	(8B8)	ADDRESS	4	IDDOTPRM	ADDRESS OF OUTPUT PARAMETER 3361 AREA USED FOR SJF 3361
2236	(8BC)	ADDRESS	4	IDDOSRTN	ADDRESS OF OUTPUT SWB 3361 ROUTINE IN IATIOS - USED 3361 BY IATIISB 3361
2240	(8C0)	ADDRESS	4	IDDIISP	ADDRESS OF IATIISP SWA SPOOL WRITER ROUTINE
2244	(8C4)	ADDRESS	4	IDDRPL	ADDRESS OF RPL USED BY IATIISP

Comment

 SPOOL ADDRESSES FOR JCBLOCK

End of Comment

2248	(8C8)	BITSTRING	6	IDDJBFT	JCBLOCK FIRST SPOOL ADDRESS
2254	(8CE)	BITSTRING	1	IDDJBLT	JCBLOCK LAST SPOOL ADDRESS

Comment

----- 3
 SJF PARAMETER LISTS 3
 ----- 3

End of Comment

2260	(8D4)	ADDRESS	4	IDDSJFIN	ADDRESS OF SJF FIND 3361 PARAMETER LIST 3361
2264	(8D8)	ADDRESS	4	IDDSJRET	ADDRESS OF SJF RETRIEVE 3361 PARAMETER LIST 3361
2268	(8DC)	ADDRESS	4	IDDSJUPD	ADDRESS OF SJF UPDATE 3361 PARAMETER LIST 3361
2272	(8E0)	ADDRESS	4	IDDSJGET	ADDRESS OF SJF GET 3361 PARAMETER LIST 3361
2276	(8E4)	BITSTRING	1	ID209ER	DM209 ERROR CODES 0207 0207

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- 3					
DEFINITION OF IDD209ER 0					
----- 3					
SJF ERRORS DETECTED DURING OUTPUT SWB PROCESSING 0					
End of Comment					
		.... .1..		IDDOSFND	"X'04" IATIIOS SJF FIND ERROR 0207
		.... 1...		IDDOSRET	"X'08" IATIIOS SJF RETRIEVE ERROR 0207
		.... 11..		IDDOSUPD	"X'0C" IATIIOS SJF UPDATE ERROR 0207
		...1		IDDOSGET	"X'10" IATIIOS SJF GET ERROR 0207
Comment					
SJF ERRORS DETECTED DURING SWA SPOOLING 0					
End of Comment					
		..1. .1..		IDDSPGET	"X'24" IATIISP SJF GET ERROR 0207
Comment					
SJF ERRORS DETECTED DURING SWA PROCESSING 0					
End of Comment					
2277	(8E5)	.1.. .1.. BITSTRING	1	IDDCMRET IDDOFLG1	"X'44" IATIICM SJF RETRIEVE ERROR 0207 FLAG ONE 3361
Comment					
----- 3					
DEFINITION OF IDDOFLG1 3					
----- 3					
End of Comment					
		1...		IDDSTPLV	"X'80" STEP LEVEL OUTPUT SWB 3361 CHAINS ARE BEING PROCESSED 3361
		.1..		IDDCPYWS	"X'40" SJF WORKING STORAGE HAS 3361 BEEN COPIED INTO SJF GET, 3361 RETRIEVE AND UPDATE 3361 PARAMETER LISTS 3361
		..1.		IDDOSEOD	"X'20" END OF DATA, NO MORE OUTPUT 3361 SWB CHAINS TO PROCESS 3361
		...1		IDDOSCON	"X'10" CONTINUATION SWB RECORD
		.... 1...		IDDOSNWF	"X'08" NEW MRF SWB FILE NEEDED
		.... .1..		IDDDESTE	"X'04" DEST error on OUTPUT STMT
		.... ..1.		IDDDSTL	"X'02" DEST Length error
		.... ...1		IDDOS101	"X'01" RESERVED 3361 3361
2278	(8E6)	BITSTRING	6	IDDIPTXU	Text unit key, count, len
2284	(8EC)	CHARACTER	124	IDDIPADR	IPADDR text unit
2408	(968)	BITSTRING	6	IDDDSTXU	Text unit key, count, len
2414	(96E)	CHARACTER	8	IDDDDEST	DEST (primary dest) text unit
2422	(976)	BITSTRING	1	IDDOSEND (0)	END OF WORK AREA 3361
2422	(976)	X'EA'	0	IDDOSIZE	"IDDOSEND-IDDOSWRK" SIZE OF WORK AREA 3361
2654	(A5E)	BITSTRING	1	IDDPREND (0)	END OF PRESCAN WORK AREA
Comment					
WORK AREA FOR THE POSTSCAN PHASE					
End of Comment					
1376	(560)	SIGNED	4	IDDPSTST (0)	START OF POSTSCAN WORK AREA

IATYIDD Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- WORK AREA FOR LOCATE FUNCTION OF POSTSCAN -----					
End of Comment					
1376	(560)	SIGNED	4	IDDL0CWK (2)	WORK AREA FOR LOCATE
Comment					
IATYLET TYPE=NULL IATYFDB FILE DESCRIPTION BLOCK THE FDB HAS BEEN PREVIOUSLY GENERATED Locate Entrance Table \$M0= SMSSTG2 HJS3312 870219 PD0DR: SP 3.1.2 \$MD= SMSSTG2 HJS3312 870527 PD0PW: SP 3.1.2 0					
End of Comment					
1384	(568)	DBL WORD	8	IATYLET (0)	
1384	(568)	BITSTRING	1	LETSTART (0)	Locate Entrance Table
1384	(568)	CHARACTER	4	LETID	Control Block ID
1388	(56C)	SIGNED	4	LETCCHAIN	Address of next LET on queue
1392	(570)	SIGNED	4	LETJOBNO	Job number (in binary)
1396	(574)	SIGNED	4	LETMAINS	Main processor eligibility mask
1400	(578)	ADDRESS	4	LETLRS	Locate Response (LRS) address
1404	(57C)	ADDRESS	4	LETRAB	Record Allocation Block (RAB) Address
1408	(580)	ADDRESS	4	LETMPC	MPC address of the main processor where the Locate request has been scheduled to
1412	(584)	ADDRESS	4	LETLCCT	Locate Control Table (LCT) of the Locate subtask that is processing this job
1416	(588)	SIGNED	4	LETRSVDD (2)	Reserved for development
1424	(590)	DBL WORD	8	LETRSTTM	Locate request start time (the time that the LET was put on the LET queue)
1432	(598)	DBL WORD	8	LETASTTM	Locate active start time (the time that the job was scheduled by the Locate FCT)
Comment					
----- SPOOL ADDRESSES -----					
End of Comment					
1440	(5A0)	BITSTRING	12	LETLVSFD	LVS FDB
1452	(5AC)	BITSTRING	6	LETSCHFS	SMS Scheduling Information 0098 First Spool Address 0098
1458	(5B2)	BITSTRING	6	LETSCHLS	SMS Scheduling Information 0098 Last Spool Address 0098
1464	(5B8)	BITSTRING	6	LETJOBFS	SMS Job Information spool 0098 First Spool Address 0098
1470	(5BE)	BITSTRING	1	LETFLAG1	LET Flag One
Comment					
----- DEFINITION OF LETFLAG1 -----					
End of Comment					
		1... ..		LETCMPLT	"X'80" Locate processing complete (set by Locate FCT to post the requestor - see bit definitions that follow for results of Locate processing)
		.1... ..		LETCANCL	"X'40" Job was cancelled (set when LETCMPLT is set)

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		..1.		LETLOCFL	"X'20" Locate FCT failure (set when LETCMPLT is set)
		...1		LETNOMN	"X'10" No eligible main (set when LETCMPLT is set) The remaining bit settings are used by the Locate FCT or the requester of Locate services
		.... 1...		LETGMAIN	"X'08" LET was GETMAINed - Otherwise the LET is an integral part of the IDD
		.... .1..		LETSERV	"X'04" LET serviced (scheduled)
		.... ..1.		LETRESID	"X'02" LET is residual over a global restart
		.... ...1		LETNOMAT	"X'01" LET will be marked complete at the end of locate restart processing. This job was in the global LCP but not the local's LCR, thus no match.
1471	(5BF)	BITSTRING	1	LETFLAG2	LET Flag Two

Comment

Definition of LETFLAG2

End of Comment

		1...		LETRF280	"X'80" Reserved Flag
		.1..		LETRF240	"X'40" Reserved Flag
		..1.		LETRF220	"X'20" Reserved Flag
		...1		LETRF210	"X'10" Reserved Flag
		.... 1...		LETRF208	"X'08" Reserved Flag
		.... .1..		LETRF204	"X'04" Reserved Flag
		.... ..1.		LETRF202	"X'02" Reserved Flag
		.... ...1		LETRF201	"X'01" Reserved Flag
1472	(5C0)	SIGNED	4	LETRSVD	Reserved for Development
1476	(5C4)	SIGNED	4	LETRSVS	Reserved for Service
1480	(5C8)	SIGNED	4	LETRSVU	Reserved for User

Comment

The LET must end on a doubleword boundary for Locate restart purposes. During Locate restart, a LET and RAB are GETMAINed in contiguous storage. By ending the LET on a doubleword boundary, the LET can be freed separately from the RAB.

End of Comment

1488	(5D0)	DBL WORD	8	LETEND (0)	End of LET
1488	(5D0)	X'68'	0	LETSIZE	"LETEND-IATYLET" Size of LET
1488	(5D0)	SIGNED	2	IDDGDGRF	NEW GENERATION IJS INDEX
1490	(5D2)	SIGNED	2	IDDLRVCT	HOLDS THE VOLUME COUNT FOR DATA SET STACKING

Comment

THIS LINE DELETED BY APAR OY45740

End of Comment

1492	(5D4)	SIGNED	4	IDDMCPID	MESSAGE CELLPOOL ID FOR MESSAGES RETURNED BY SMS PLCO
1496	(5D8)	ADDRESS	4	IDDMSGLS	ADDRESS OF THE MESSAGE LIST RETURNED BY SMS PLCO
1500	(5DC)	SIGNED	4	IDDP0XRG	EXECUTE REGISTER
1504	(5E0)	SIGNED	4	IDDCCLRS	CURRENT LRS POINTER
1508	(5E4)	SIGNED	4	IDDUAIJS	UNIT AFFINITY IJS ADDRESS
1512	(5E8)	SIGNED	4	IDDP0RSD	RESERVED FOR DEVELOPMENT
1516	(5EC)	SIGNED	4	IDDP0SRT	P0LRSCAN RETURN SAVE
1520	(5F0)	SIGNED	4	IDDP0RT1	REGISTER SAVE AREA FOR RTN
1524	(5F4)	SIGNED	4	IDDP0RT2	REGISTER SAVE AREA FOR RTN

IATYIDD Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1524	(5F4)	X'5F4'	0	IDDP1CTR	"IDDP0RT2,2" IIP1 COUNTER
1524	(5F4)	X'5F7'	0	IDDP1ECF	"IDDP0RT2+3,1" IIP1 P1TIMER ECF
1528	(5F8)	SIGNED	4	IDDJCAMN	JES3 CATALOG AVAILABILITY MAIN MASK
1532	(5FC)	SIGNED	4	IDDLGRES (25)	WK AREA FOR LOC RESP MSG
1532	(5FC)	X'64'	0	IDDLGRSL	"*-IDDLGRES" LENGTH FOR IDDLGRES AREA
1632	(660)	SIGNED	4	IDDGDRET	REG14 SAVE AREA FOR GDG ROUT
1636	(664)	SIGNED	4	IDDGDWRK	ADDR. GETMAINED WORK FOR GDG LRS BUILD ROUTINE
1640	(668)	SIGNED	4	IDDGDLRS	ORIGINAL LRS ENTRY ADDRESS
1644	(66C)	SIGNED	2	IDDCOUNT	COUNT OF IJS'S ON TEMP. CHN.
1646	(66E)	SIGNED	2	IDDGDCNT	COUNT OF GDG IJS COMPLETED
1648	(670)	ADDRESS	4	IDDSSIPM	PARAMETER LIST FOR SSI REQUESTS
1652	(674)	ADDRESS	4	IDDSSOB	ADDR OF SSOB HEADER
1656	(678)	ADDRESS	4	IDSSSA	ADDR OF SSOB EXT., FIXED
1660	(67C)	ADDRESS	4	IDSSSAK	ADDR OF SSSA EXT., VAR.
1664	(680)	SIGNED	4	IDDLGRSD (4)	RESERVED FOR DEVELOPMENT
1680	(690)	BITSTRING	6	IDDLGRSU	RESERVED FOR USER
1686	(696)	BITSTRING	16	IDDLGDMW	MESSAGE WORK AREA
1702	(6A6)	BITSTRING	6	IDDP0EX3	EXECUTE INSTRUCTION FOR IATIIP0
1708	(6AC)	BITSTRING	6	IDDP0EX1	EXECUTE INSTRUCTION FOR IATIIP0
1714	(6B2)	BITSTRING	6	IDDP0EX2	EXECUTE INSTRUCTION FOR IATIIP0
1720	(6B8)	SIGNED	2	IDDP0VPT	LRS VOLUME INDEX PTR
1722	(6BA)	SIGNED	2	IDDP0MIN	MAJOR IJS ENTRY NUMBER
1724	(6BC)	SIGNED	2	IDDP0CIN	CURRENT IJS ENTRY NUMBER
1726	(6BE)	SIGNED	2	IDDP0CLV	CURRENT LVS ENTRY NUMBER
1728	(6C0)	BITSTRING	1	IDDP0RSV	RESERVED
1729	(6C1)	BITSTRING	1	IDDP0CST	CURRENT STEP NUMBER
1730	(6C2)	BITSTRING	1	IDDL0CF1	LOCATE FILE DISP. FLAGS

Comment

 DEFINITION OF IDDL0CF1

End of Comment

		1... ..		IDDL0CW	"X'80" LOCATE WRITE REQUIRED
		.1.		IDDL0CRW	"X'40" LOCATE RESPONSE WRITE REQ.
		..1.		IDDGDCRE	"X'20" CREATE LOCATE RESPONSE FOR REFERENCED GDG SINGLES
		...1		IDDGD1ST	"X'10" FIRST PASS FOR GDG DATA SET WHEN NEW GENERATIONS WILL BE CREATED BY THIS JOB
		.... 1...		IDDGDONE	"X'08" GDG LIMIT IS ONE GENERATION
		.... .1..		IDDIJ1ST	"X'04" FIRST IJS PROCESSED
		.... ..1.		IDDIJREF	"X'02" FIRST IJS REFERENCED
		.... ...1		IDDIUREF	"X'01" THE FIRST UNIT, FOR WHAT MAY BE A MULTIUNIT DATA SET, WAS PROCESSED
1731	(6C3)	BITSTRING	1	IDDP0FLG	MISC FLAG INFORMATION

Comment

 DEFINITION OF IDDP0FLG

End of Comment

		1... ..		IDDP0LMG	"X'80" A LOC RESP MSG IS SET UP
		.1.		IDDLOCNS	"X'40" UNIT IS NOT IN SETNAMES
		..1.		IDDMSGVL	"X'20" INSERT VOLSER IN LOC RESP
		...1		IDDCSNED	"X'10" CATALOG SETUP IS NEEDED
		.... 1...		IDDMSGNL	"X'08" WRITE LAST LOC RESP
		.... .1..		IDDMSNAM	"X'04" MS UNIT NAME
		.... ..1.		IDDSMSMM	"X'02" CURRENT LRS IS FOR AN - SMS MANAGED MOUNTABLE
		.... ...1		IDDP0RNSC	"X'01" P/R NON-SMS CATALOG VOLUME FOUND

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

UNIT COUNTS FOR IATUX08 (DETERMINED BY IATIIP1)					

End of Comment					
1732	(6C4)	SIGNED	2	IDDUX8MC	USER EXIT MSS COUNT
1734	(6C6)	SIGNED	2	IDDUX8TC	USER EXIT TAPE COUNT
1736	(6C8)	SIGNED	2	IDDUX8DC	USER EXIT DASD COUNT
1738	(6CA)	SIGNED	2	IDDUX8UC	USER EXIT UNIT REC COUNT
1740	(6CC)	SIGNED	2	IDDUX8GC	USER EXIT GRAPHIC COUNT
1742	(6CE)	SIGNED	2	IDDUX8CT	USER EXIT TOTAL COUNT
Comment					

0					
The next four fields are input to P1HPSORT 0					

0					
End of Comment					
1744	(6D0)	ADDRESS	4	IDDHPADR	Address of array to be 0030 sorted 0030
1748	(6D4)	SIGNED	4	IDDHPCNT	Number of elements in array 0030
1752	(6D8)	SIGNED	2	IDDHPSIZ	Size of one array element 0030
1754	(6DA)	SIGNED	2	IDDHPKYL	Length of array sort key 0030 (the key is assumed to 0030 start at offset 0) 0030 0030
1756	(6DC)	ADDRESS	4	IDDVJSAD	Address of Vol/JST array 0030
1760	(6E0)	SIGNED	4	IDDVJSSZ	Size of VOL/JST array 0030
1764	(6E4)	ADDRESS	4	IDDVJVAD	Address of Vol/JVT array 0030
1768	(6E8)	SIGNED	4	IDDVJVSZ	Size of VOL/JVT array 0030
Comment					

WORK AREA FOR IATIIP3 - HIGH WATERMARK SETUP					
WORK AREA FOR IATIITJ - JSTTEST					

End of Comment					
1772	(6EC)	SIGNED	4	IDDUEPTR	ADDRESS OF THE UNIT TABLE
1776	(6F0)	SIGNED	4	IDDFUENT	PTR TO 1ST UTB ENTRY
1780	(6F4)	SIGNED	4	IDDNUEJENT	PTR TO NXT UTB ENTRY
1784	(6F8)	SIGNED	4	IDDHWAD1	HWS WORK AREA 1 (PTR. TO MAJOR OR MINOR UNIT NAME)
1788	(6FC)	SIGNED	4	IDDHWAD2	HWS WORK AREA 2
1792	(700)	SIGNED	4	IDDSORTT	HWS SORT WORK AREA (PTR. TO HWS MAJOR UNIT NAME)
1796	(704)	SIGNED	4	IDDRSVD2	RESERVED FOR DEVELOPMENT
Comment					

IDDCSS OVERLAYS IDDJSTTW BECAUSE IDDJSTTW IS NOT USED IN CONJUNCTION WITH IDDCSS. NOTE-- IF THE SIZE OF IDDCSS SURPASSES IDDJSTTW, THE IDDCSS MUST BE MODIFIED TO PREVENT AN ERROR.					

End of Comment					
1800	(708)	BITSTRING	104	IDDCSS	CSS PASSED TO IATDMCS
1800	(708)	SIGNED	4	IDDJSTTW (25)	WK AREA FOR JSTTEST/LOC PRT
1800	(708)	X'64'	0	IDDJSTWL	**IDDJSTTW" LENGTH FOR IDDJSTTW AREA
2654	(A5E)	CHARACTER	9	IDDMPNM	MAIN NAME FOR LOCATE MSG
2663	(A67)	BITSTRING	1	IDDP3RSV	RESERVED

IATYIDD Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
2664	(A68)	SIGNED	2	IDDSVJST	INDEX OF FIRST JST PER DD
2668	(A6C)	SIGNED	4	IDDSVSIO	CURRENT SIOT ADDRESS (HWS) 0793
2672	(A70)	SIGNED	2	IDDRSVS3	RESERVED FOR SERVICE
2674	(A72)	SIGNED	2	IDDMAXDD	MAX NO DD'S FOR CURRENT STEP
2676	(A74)	BITSTRING	2	IDDRSVS2	RESERVED FOR SERVICE 0793 3#793
2678	(A76)	BITSTRING	1	IDDSCTL	HWSNAME TBL...SCAN CTL BYTE
		1...		IDDSCTWO	"X'80" SCAN TWO FOR STEP IF PREFER
		.1..		IDDDOSEC	"X'40" MUST DO 2ND SCAN FOR STEP
		..1.		IDDNODD	"X'20" NO MATCH FOUND FOR DD DUE TO SCRATCH/SPEC MISMATCH
		...1		IDDNOUTB	"X'10" NO MATCH FOUND IN UTB DUE TO SCRATCH/SPEC MISMATCH
		.... 1..		IDDUTALT	"X'08" SCAN UTB ALTERNATE NAMES 0793
		.... .1..		IDDNOAVA	"X'04" NO UNALLOCATED UTB ENTRIES 0793
		.... ..1.		IDDMULDD	"X'02" 2ND-NTH JST OF MULT UNIT DD
2679	(A77)	BITSTRING	1	IDDUOFLG	USER OVERRIDE FLAG

Comment

DEFINITION OF IDDUOFLG

End of Comment

1...

IDDUOSET

"X'80" JST ENTRY FOUND

Comment

MESSAGE WORK AREA FOR IATIIP2

End of Comment

2680	(A78)	SIGNED	2	IDDP2MSG (0)	
2680	(A78)	BITSTRING	1	IDDP2CNT	
2681	(A79)	CHARACTER	8	IDDP2V1	MSG VARIABLE 1
2689	(A81)	CHARACTER	1	IDDP2DT1	PERIOD DELIMITER
2690	(A82)	CHARACTER	8	IDDP2V2	MSG VARIABLE 2
2698	(A8A)	CHARACTER	1	IDDP2DT2	PERIOD DELIMITER
2699	(A8B)	CHARACTER	8	IDDP2V3	MSG VARIABLE 3
2707	(A93)	BITSTRING	1	IDDP2TEND (0)	END OF POST SCAN AREA
2707	(A93)	BITSTRING	1	IDDMXEND (0)	END OF IDD (LARGEST PART)
2707	(A93)	X'A93'	0	IDDMXSIZ	"IDDMXEND-IATYIDD" MAX SIZE OF IDD

IATYIDD Cross Reference

Name

ACBADD
ACBADR
ACBAIX
ACBAM
ACBAMAX
ACBAMBL
ACBAMETH
ACBAMWAP
ACBAPID
ACBBLK
ACBBLKSZ
ACBBSTNO
ACBBUFND
ACBBUFNI
ACBBUFPL

Name

ACBBUFSP
ACBBUSY
ACBBWO
ACBBYPSS
ACBCALR

ACBCASRS
ACBCAT
ACBCATX
ACBCBIC
ACBCBMWA

ACBCCANY
ACBCCASA
ACBCCDSI
ACBCCMCH
ACBCCTYP

ACBCNRD
ACBCNV
ACBCRNCK
ACBCRNRE
ACBDDNM

ACBDEB
ACBDFR
ACBDIR
ACBDLIXI
ACBDORGA

ACBDSERR
ACBDSN
ACBDSORG
ACBDSOR1
ACBDSOR2

ACBDVIND
ACBEOV
ACBERFL
ACBERFLG
ACBEXFG

ACBEXLST
ACBFLGS
ACBGSR
ACBIBCT
ACBICI

ACBID
ACBIDVAL
ACBIJRQE
ACBIN
ACBINFL

ACBINFLG
ACBINFL1
ACBINFL2
ACBINRTN
ACBIOSFG

ACBISHRD
ACBJAM
ACBJBUF
ACBJEPS
ACBJWA

ACBKEY
ACBLENG
ACBLENG2
ACLEN2
ACBLFB

IATYIDD Cross Reference

Name

ACBLOCK
ACBLOGON
ACBLRECL
ACBLSR
ACBMACRF

ACBMACR1
ACBMACR2
ACBMACR3
ACBMACR4
ACBMODE

ACBMSGAR
ACBMSGLN
ACBNCFX
ACBNLW
ACBNOCVR

ACBNOJCL
ACBNTRUN
ACBOALR
ACBOFLGS
ACBOPEN

ACBOPT
ACBOPTJ
ACBOPTN
ACBOUT
ACBPASSW

ACBRCI
ACBRDI
ACBRECAF
ACBRECFM
ACBRECOV

ACBRLS
ACBRSN
ACBRST
ACBRTAM
ACBR31B

ACBR31C
ACBSCNTL
ACBSCRA
ACBSDS
ACBSEQ

ACBSHROP
ACBSHRP
ACBSHR01
ACBSHR02
ACBSIS

ACBSKP
ACBSNP
ACBSOPEN
ACBSTRNO
ACBSTYP

ACBSUBNM
ACBSUBS
ACBSVRP
ACBSVSAM
ACBSVTAM

ACBSWARN
ACBS3540
ACBTCAM
ACBTIOT
ACBTRCID

Name

ACBUAPTR
ACBUBF
ACBUCRA
ACBUDEL
ACBUJFCB

ACBVSAM
ACBVTAM
ACBVVIC
ACTDACNT
ACTDNUM

ACTDPRGN
ACTDSTRT
ACTDTIME
DDLAFOLD
DDLAL

DDLANAM
DDLBLP
DDLCAT
DDLCATC
DDLCCAT

DDLCREJB
DDLDCBDS
DDLDCBL
DDLDCBP
DDLDCBRF

DDLDEL
DDLDDNAM
DDLDEFER
DDLDEFUN
DDLDEL

DDLDMND
DDLDPAR
DDLDSR
DDLDSN
DDLDSND

DDLDSNL
DDLDSNP
DDLDSNQ
DDLDSRC
DDLDSSEQ

DDLDSYS
DDLDM
DDLDUPT
DLEND
DDLFLGA

DDLFLG1
DDLFLG2
DDLFLG3
DDLFLG4
DDLFLG5

DDLFLG6
DDLFLG7
DDLFLG8
DDLFLG9
DDLGDGAL

DDLGDGFI
DDLGDGLI
DDLGDGS
DDLGDNS
DDLHIER

IATYIDD Cross Reference

Name

DDLINOUT
DDLINVU
DDLISAM
DDLJOB
DDLJOBL

DDLJSCAT
DDLJSCRF
DDLJVTC
DDLKEEP
DDLKEL

DDLKEP
DDLTM
DDLMDNEW
DDLMDIA
DDLMD

DDLMSGP
DDLNEW
DDLNL
DDLNOVLS
DDLNSL

DDLNUMUN
DDLUNIT
DDLOLD
DDLOUTIN
DDLPASS

DDLPCAT
DDLPRIV
DDLQAM
DDLRFMOD
DDLRF901

DDLRF904
DDLRF908
DDLQ522
DDLRSVSR
DDLSL

DDLMS
DDLMSHN
DDLMSMM
DDLMSUT
DDLSPMOD

DDLSSRCH
DLSYS
DDLTERM
DLUAFFI
DLUAFFP

DLUCAT
DLUL
DLULIST
DLUNAFF
DLUNCAT

DLUNIQ
DLUNIT
DLURORD
DLVJFCB
DLVL#1

DLVL#10
DLVL#11
DLVL#12
DLVL#13
DLVL#14

Name

DDLVL#15
DDLVL#16
DDLVL#17
DDLVL#2
DDLVL#3

DDLVL#4
DDLVL#5
DDLVL#6
DDLVL#7
DDLVL#8

DDLVL#9
DDLVLRDD
DDLVLRDS
DDLVLSEQ
DDLVLCT

DDLVREF
DDLVRFEX
DDLVRPAS
DDLXXX1
DDL4DGT

EDTPARM
EDTPARM_KEYUSED_CHKGRPS

EDTPARM_KEYUSED_CHKUNIT

EDTPARM_KEYUSED_DEVSTAT

EDTPARM_KEYUSED_DEVTYPE

EDTPARM_KEYUSED_MAXELIG

EDTPARM_KEYUSED_OUTDEV

EDTPARM_KEYUSED_OUTUNIT

EDTPARM_KEYUSED_OVERRIDE

EDTPARM_KEYUSED_RTATTR

EDTPARM_KEYUSED_RTNDVN

EDTPARM_KEYUSED_RTNETLT

EDTPARM_KEYUSED_RTNGRID

EDTPARM_KEYUSED_RTNLUV

EDTPARM_KEYUSED_RTNNAMD

EDTPARM_KEYUSED_RTNUCBA

EDTPARM_KEYUSED_RTUNAFF

EDTPARM_KEYUSED_RTUNIT

EDTPARM_KEYUSED_SUBPOOL

EDTPARM_KEYUSED_UNITNAME

EDTPARM_PL_END

IATYIDD Cross Reference

Name

EDTPARM_XATTRAREA_ADDR

EDTPARM_XDENSITY

EDTPARM_XDEVCLASS

EDTPARM_XDEVCOUNT

EDTPARM_XDEVLIST

EDTPARM_XDEVNLIST

EDTPARM_XDEVSTAT

EDTPARM_XDEVTYPE

EDTPARM_XDYNAMIC_YES

EDTPARM_XEDTADDR

EDTPARM_XELTPRI

EDTPARM_XELTSEC

EDTPARM_XEXTENDED_YES

EDTPARM_XFUNCFLGS

EDTPARM_XGRIDLIST

EDTPARM_XIOCTOKEN_ADDR

EDTPARM_XLOC_ANY

EDTPARM_XNAMELIST

EDTPARM_XOPTFLGS

EDTPARM_XOUTDEV

EDTPARM_XOUTLUV

EDTPARM_XOUTUNIT

EDTPARM_XRANGE_ALL

EDTPARM_XRECMODE

EDTPARM_XRSV0001

EDTPARM_XRSV0002

EDTPARM_XRSV0003

EDTPARM_XSUBPOOL

EDTPARM_XUCBALIST

EDTPARM_XUCBLIST

Name

EDTPARM_XUNITNAME

EDTPARM_XVERSION

EDTPARML

EPA@0010

FCD@0010

IATYDDL

IATYIDD

IATYJOB

IATYLET

IATYSTP

IDDACHX

IDDACT#1

IDDACT#2

IDDADREX

IDDADRLM

IDDAFOLD

IDDALLNR

IDDALLPR

IDDARMSL

IDDATIME

IDDAUXSZ

IDDAVLMM

IDDBALL

IDDBCKPT

IDDBCOMP

IDDBGJSM

IDDBIJS

IDDBJBNO

IDDBJST

IDDBJVT

IDDBLOC

IDDBPCAT

IDDBSIOT

IDDBSWB

IDDBTRC1

IDDBTRC2

IDDBT201

IDDBT202

IDDBT204

IDDBT208

IDDBT210

IDDBT220

IDDBT240

IDDBT280

IDDBUFCT

IDDBXWRK

IDDCASMS

IDDCATAE

IDDCCHNA

IDDCJBL

IDDCCON

IDDCSCT

IDDCDREC

IDDCDSN

IDDCDSNQ

IDDCFDSL

IDDCFLG1

IATYIDD Cross Reference

Name

IDDCFLSH
IDDCCHKST
IDDCIJDD
IDDCIJS
IDDCIJSN

IDDCIJSS
IDDCIPND
IDDCIPRE
IDDCIRES
IDDCISTR

IDDCISYM
IDDCJBCT
IDDCJBLB
IDDCJCT
IDDCJEND

IDDCJFCB
IDDCJMR
IDDCJREC
IDDCJST
IDDCJSTN

IDDCJVT
IDDCJVTN
IDDCJXTM
IDDCCKEND
IDDCLCAN

IDDCLOCC
IDDCLOC1
IDDCLOC2
IDDCCLRS
IDDCLRSC

IDDCMENT
IDDCMFDB
IDDCMPRM
IDDCMRES
IDDCMRET

IDDCMRSD
IDDCMRSS
IDDCMRSU
IDDCMRSV
IDDCMRTN

IDDCMSRC
IDDCMSRE
IDDCMVS
IDDCMWSZ
IDDCNDSN

IDDCNOFF
IDDCNTWK
IDDCOME
IDDCONMM
IDDCONNM

IDDCONNO
IDDCONV
IDDCOPDV
IDDCORSI
IDDCOUNT

IDDCPCAT
IDDCPGME
IDDCPUID
IDDCPYER
IDDCPYWS

Name

IDDCRCHK
IDDCRSVD
IDDCRT01
IDDCRT02
IDDCRT40

IDDCSBT
IDDCSCT
IDDCSINO
IDDCSIOT
IDDCSNED

IDDCSPLT
IDDCSREC
IDDCSS
IDDCSTNO
IDDCSTPN

IDDCCTINC
IDDCTRCE
IDDCURD
IDDCURWA
IDDCUTB

IDDCWKAR
IDDCWRIT
IDDCXEND
IDDCXERR
IDDCXFLG

IDDCXSER
IDDCXSGN
IDDCXSOK
IDDCXUFL
IDDDBGCL

IDDDDNAM
IDDDDSK
IDDDDEST
IDDDESTE
IDDDDESTL

IDDDVID
IDDDFUNT
IDDDIJS1
IDDDIJS2
IDDDISK

IDDDJCBL
IDDDJCID
IDDDJCLI
IDDDJDAB
IDDDJDPB

IDDDJESJ
IDDDJESM
IDDDJMR
IDDDJPPF
IDDDJST1

IDDDJST2
IDDDJSW
IDDDJVT1
IDDDJVT2
IDDDLLOC1

IDDDLLOC2
IDDDLVS1
IDDDLVS2
IDDDLYTH
IDDDLTY2

IATYIDD Cross Reference

Name

IDDDMDAL
IDDDMDTP
IDDDOSEC
IDDDOSWB
IDDDSKBF

IDDDSN
IDDDSTXU
IDDDSYSI
IDDDSYSM
IDDDTRC1

IDDDTRC2
IDDDTRC3
IDDDT201
IDDDT202
IDDDVWRK

IDDDXPRT
IDDECFLS
IDDECFM1
IDDECFM2
IDDECFTM

IDDECF1
IDDECF2
IDDEDTLF
IDDEMAND
IDDEPA

IDDEPAP
IDDERCUW
IDDERIC1
IDDERIC2
IDDERIC3

IDDETRC1
IDDETRC2
IDDEXID
IDDFALL
IDDFCT

IDDFDUSE
IDDFIJS
IDDFIJSS
IDDFJST
IDDFJVT

IDDFMTCH
IDDFNONE
IDDFPUSE
IDDFRSVL
IDDFSCIR

IDDFSET
IDDFSSCI
IDDFSSMN
IDDFTRC1
IDDFTRC2

IDDFUENT
IDDFUSER
IDGDCNT
IDGDCRE
IDGDCGRF

IDGDLRS
IDGDONE
IDGDRET
IDGDSEL
IDGDWRK

Name

IDDGD1ST
IDDGHWAL
IDDGNOXP
IDDGRAPH
IDDGSMF

IDDGSTCT
IDDGTRC1
IDDGTRC2
IDDGTRC3
IDDGTRC4

IDDGTSOL
IDDGTTMM
IDDGT301
IDDGT401
IDDGT402

IDDGT404
IDDGT408
IDDGT410
IDDGT420
IDDGT440

IDDGT480
IDDHEADP
IDDHPADR
IDDHPCNT
IDDHPKYL

IDDHPSIZ
IDDHWAD1
IDDHWAD2
IDDHWALL
IDDHWALT

IDDHWDSK
IDDHWFLG
IDDHWMSS
IDDHWPRF
IDDHWREQ

IDDHWRL
IDDHWTAP
IDDIACT
IDDICAAD
IDDICEND

IDDICIRT
IDDICNT
IDDICR01
IDDICR05
IDDICT

IDDID
IDDIFLSH
IDDIICMW
IDDIIOSW
IDDIIPRE

IDDIISP
IDDIITA
IDDIITAE
IDDIJA
IDDIJAE

IDDIJB
IDDIJBE
IDDIJCRS
IDDIJDSP
IDDIJREF

IATYIDD Cross Reference

Name

IDDIJSC
IDDIJSD
IDDIJSID
IDDIJSRD
IDDIJSV1

IDDIJSV2
IDDIJS1S
IDDIJS2S
IDDIJWRK
IDDIJ1ST

IDDIMACE
IDDIMMID
IDDIMSG1
IDDIM1A
IDDIM1AE

IDDIM102
IDDIM2A
IDDIM2AE
IDDIINTP
IDDIINTPH

IDDIPADR
IDDIPRSV
IDDIPTXU
IDDIQMPA
IDDISYMA

IDDISYMT
IDDISYMU
IDDISYM1
IDDJBFT
IDDJBID

IDDJBLT
IDDJBMSS
IDDJCAMN
IDDJCFT
IDDJCLAS

IDDJCLT
IDDJCT
IDDJDBUF
IDDJDSIN
IDDJDSPT

IDDJDVT
IDDJEFT
IDDJELBC
IDDJELCT
IDDJELT

IDDJFCBP
IDDJFCLM
IDDJFCNX
IDDJFDSP
IDDJFLSH

IDDJLOCR
IDDJMR
IDDJMSGC
IDDJMTCH
IDDJOBCT

IDDJOBEX
IDDJOBFS
IDDJOBLM
IDDJOBLS
IDDJOBNM

Name

IDDJPRTY
IDDJSAM
IDDJSAM
IDDJSAM
IDDJSMCL
IDDJSSV1

IDDJSSV2
IDDJSTC
IDDJSTD
IDDJSTID
IDDJSTRD

IDDJSTRS
IDDJSTT
IDDJSTTW
IDDJSTWL
IDDJST1S

IDDJST2S
IDDJS3C1
IDDJV DUM
IDDJVSV1
IDDJVSV2

IDDJVTC
IDDJVTD
IDDJVTD
IDDJVTRD
IDDJVTSV

IDDJVTC
IDDJV1S
IDDJV2S
IDDLAREL
IDDLAREL

IDDLCKPT
IDDLAREL
IDDLAREL
IDDLAREL
IDDLAREL

IDDLAREL
IDDLAREL1
IDDLAREL2
IDDLAREL
IDDLAREL

IDDLGDMW
IDDLAREL
IDDLAREL
IDDLAREL
IDDLAREL

IDDLAREL
IDDLAREL
IDDLAREL
IDDLAREL
IDDLAREL

IDDLAREL1
IDDLAREL2
IDDLAREL
IDDLAREL1
IDDLAREL

IDDLAREL
IDDLAREL
IDDLAREL
IDDLAREL
IDDLAREL

IATYIDD Cross Reference

Name

IDDLOEND
IDDLRES1
IDDLRES2
IDDLRL10
IDDLRSTR

IDDLRSVU
IDDLRVCT
IDDLSCAT
IDDLSEFF
IDDLSON

IDDLSTRT
IDDMAXDD
IDDMCONV
IDDMCPID
IDDMDDNM

IDDMIICA
IDDMIICC
IDDMIICX
IDDMIIJT
IDDMIIOS

IDDMIIPN
IDDMIIP0
IDDMIIP1
IDDMIIP2
IDDMIIP3

IDDMINAT
IDDMINLV
IDDMINTP
IDDMODE
IDDMOUNT

IDDMPNM
IDDMPSNM
IDDMQMST
IDDMRESS
IDDMSAV

IDDMSAV0
IDDMSAV1
IDDMSAV2
IDDMSDEV
IDDMSGLF

IDDMSGLS
IDDMSGNL
IDDMSGRS
IDDMSGVL
IDDMSGWK

IDDMSNAM
IDDMSTNM
IDDMTRC1
IDDMTRC2
IDDMTRC3

IDDMT104
IDDMT108
IDDMT201
IDDMT202
IDDMT204

IDDMT301
IDDMULDD
IDDMXEND
IDDMXSIZ
IDDNCCAT

Name

IDDNIJSN
IDDNJSTN
IDDNJVTN
IDDNMVAR
IDDNNOAVA

IDDNODD
IDDNODE
IDDNQJVT
IDDNOMPL
IDDNASET

IDDNOSMS
IDDNOUNT
IDDNOUTB
IDDNRSVH
IDDNOCAT

IDDNSCTP
IDDNSNUM
IDDNUEENT
IDDOFLG1
IDDOPCAN

IDDOFPL
IDDOPTIN
IDDOSCON
IDDOSEND
IDDOSEOD

IDDOSFND
IDDOSGET
IDDOSIZE
IDDOSNWF
IDDOSRET

IDDOSRTN
IDDOSSAV
IDDOSUPD
IDDOSWRK
IDDOSWSZ

IDDOS101
IDDOTFDB
IDDOTJDS
IDDOTPRM
IDDOOUTPR

IDDPACID
IDDPBEG
IDDPACAT
IDDPACATE
IDDPACATN

IDDPENDF
IDDPFLG1
IDDPF101
IDDPF102
IDDPF104

IDDPGDGD
IDDPHT01
IDDPHT02
IDDPINT
IDDPJEST

IDDPMTCH
IDDPPOST
IDDPRE
IDDPRECAD
IDDPRECID

IATYIDD Cross Reference

Name

IDDPRCMT
IDDPRCNM
IDDPRDSK
IDDPREND
IDDPREPE

IDDPREST
IDDPRNSC
IDDPRPMT
IDDPRSUP
IDDPRSVD

IDDPRSVS
IDDPRSVU
IDDPRVMT
IDDPWRK
IDDPSTCN

IDDPSTST
IDDPTEEND
IDDPTRCE
IDDPWK
IDDPWORK

IDDPWRSS
IDDPWRSU
IDDP0CIN
IDDP0CLV
IDDP0CST

IDDP0EX1
IDDP0EX2
IDDP0EX3
IDDP0FLG
IDDP0LMG

IDDP0MIN
IDDP0RSD
IDDP0RSV
IDDP0RT1
IDDP0RT2

IDDP0SRT
IDDP0VPT
IDDP0XRG
IDDP1CTR
IDDP1ECF

IDDP2CNT
IDDP2DT1
IDDP2DT2
IDDP2MSG
IDDP2V1

IDDP2V2
IDDP2V3
IDDP3RSV
IDDQHOLD
IDDQMST

IDDRAB
IDDRB241
IDDRCOMM
IDDRESCH
IDDRESHP

IDDRGRP
IDDRLVOL
IDDRPL
IDDRSAV
IDDRSDEV

Name

IDDRSHWD
 IDDRSRVD
 IDDRSSRV
 IDDRSTKN
 IDDRSUSR

 IDDRSVAD
 IDDRSVD
 IDDRSVD1
 IDDRSVD2
 IDDRSVFW

 IDDRSVSF
 IDDRSVS2
 IDDRSVS3
 IDDRSV10
 IDDRUSER

 IDDSCHFS
 IDDSCHLS
 IDDSRCRCR
 IDDSCTL
 IDDSCTWO

 IDDSFFLG
 IDDSIHWS
 IDDSIJSN
 IDDSIOTN
 IDDSIPAD

 IDDSJFAC
 IDDSJFFA
 IDDSJFGA
 IDDSJFIN
 IDDSJFRC

 IDDSJFRE
 IDDSJFTA
 IDDSJFUA
 IDDSJFUN
 IDDSJGEP

 IDDSJGET
 IDDSJOB
 IDDSJRES
 IDDSJRET
 IDDSJRTV

 IDDSJTRC
 IDDSJUPD
 IDDSKDSK
 IDDSMFU
 IDDSMSDV

 IDDSMSMM
 IDDSMSRS
 IDDSMTCH
 IDDSNDSV
 IDDSNODE

 IDDSNONE
 IDDSORTT
 IDDSPGET
 IDDSPRSV
 IDSSIPM

 IDSSOB
 IDSSSA
 IDSSSAK
 IDSTMT
 IDSTPLV

IATYIDD Cross Reference

Name

IDDSTPNM
IDDSTPTR
IDDSUSER
IDDSVJST
IDDSVSIO

IDDSWA
IDDSWAIU
IDDSWAP
IDDSWAPR
IDDSWB

IDDSWBFL
IDDSWBUF
IDDSWIOT
IDDSYFT
IDDSYLT

IDDSYMBC
IDDTAPE
IDDTRAVP
IDDTRMPL
IDDTRSV1

IDDTRSV2
IDDTRSV3
IDDTRSV4
IDDTRSV5
IDDTSOID

IDDTV
IDDTYPSC
IDDUAFF
IDDUAIJS
IDDUUCWRK

IDDUPEPTR
IDDUOFLG
IDDUOSET
IDDUREC
IDDUHAVE

IDDUTALT
IDDUWORK
IDDUX8CT
IDDUX8DC
IDDUX8GC

IDDUX8MC
IDDUX8TC
IDDUX8UC
IDDVAT
IDDVVCWRK

IDDVJSAD
IDDVJSSZ
IDDVJVAD
IDDVJVSZ
IDDVRFPR

IDDVUAF1
IDDVUAF2
IDDVUAF3
IDDVU301
IDDVU310

IDDWCHX
IDDWORKA
IDDWRSVD
IDDWSAV1
IDDWSAV2

Name

IDDWSAV3
IDDWSAV4
IDDWSAV5
IDDWSAV6
IDDWSAV7

IDDWSAV8
IDDWSAV9
IDD1UREF
IDD209ER
IDD80A

IFGACB
JBLACT#1
JBLACT#2
JBLADDRL
JBLCHKRS

JBLCLASS
JBLEND
JBLFLAG1
JBLFSTEP
JBLJRNL

JBLMSGCL
JBLPRTY
JBLRSTRT
JBLRSVD
JBLRSVD1

JBLRSVS
JBLRSVU
JBLSMFU
JBLSTPRS
JBLTSOID

LETASTTM
LETCANCL
LETCCHAIN
LETCMPLT
LETEND

LETFLAG1
LETFLAG2
LETGMAIN
LETID
LETJOBFS

LETJOBNO
LETLCT
LETLOCFL
LETLRS
LETLVSFD

LETMAINS
LETMPC
LETNOMAT
LETNOMN
LETRAB

LETRESID
LETRF201
LETRF202
LETRF204
LETRF208

LETRF210
LETRF220
LETRF240
LETRF280
LETRSTTM

IATYIDD Cross Reference

Name

LETRSVD
LETRSVDD
LETRSVS
LETRSVU
LETSCHFS

LETSCHLS
LETSERV
LETSIZE
LETSTART
STLACT#1

STLACT#2
STLADDRL
STLCONEV
STLCONON
STLEND

STLFLAGD
STLFLAGS
STLFLAGU
STLFLAG1
STLFLGS1

STLID
STLJRNL
STLPCATN
STLPCEQJ
STLPERFG

STLPGMNM
STLPSTNM
STLREGN
STLREGNX
STLSDPCD

STLSTPNM
STLSTPNO

IATYIDVS Information

IATYIDVS Heading Information

Common Name: Initialization Data Virtual Storage Services work area
Macro ID: IATYIDVS
DSECT Name: IDVSTART, DNTSTART, SITSTART XIBSTART, XIESTART, PRMSVITX
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IDVS
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 0
Size: IDVSSIZE bytes
Created by: IATINDVS
Pointed to by: IDVSTART: INTIDVS in IATYINT
 DNTSTART: Vector calculated from IDVHEXDN in IDVSTART
 SITSTART: IDVSITAD in IDVSTARY
 XIBSTART: IDVXIBFR and IDVXIBLS in IDVSTART
 XIESTART: XIBAVPTR in XIBSTART
 PRMSVITX: R1 from the caller of the SAVE_ITEXT service
Serialization: None
Function: This macro maps the data that is used by JES3 to perform services to manipulate initialization data provided by the IATXIDVS macro.

IATYIDVS Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	IDVSTART	
0	(0)	CHARACTER	4	IDVSID	Control Block Id
Comment					

Data space attributes.					

End of Comment					
4	(4)	ADDRESS	4	IDVSALET	Data space ALET
8	(8)	BITSTRING	8	IDVSDTOK	Data space STOKEN
16	(10)	SIGNED	4	IDVSORIG	Data space origin address
Comment					

Pointers within the data space.					
Each itext type in the data space is represented by a singly threaded chain of DVDEs. Each DVDE contains one record of itext. The itext types are:					
- SETUNIT					
- SUPUNIT					
- SOCKET					
- NETSERV					
- NJERMT					

End of Comment					
20	(14)	ADDRESS	4	IDVSFSET	First SETUNIT DVDE
24	(18)	ADDRESS	4	IDVSFSUP	First SUPUNIT DVDE
28	(1C)	ADDRESS	4	IDVSLSET	Last SETUNIT DVDE saved

IATYIDVS Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
32	(20)	ADDRESS	4	IDVLSUP	Last SUPUNIT DVDE saved
36	(24)	ADDRESS	4	IDVFSOC	First SOCKET DVDE
40	(28)	ADDRESS	4	IDVLSOC	Last SOCKET DVDE
44	(2C)	ADDRESS	4	IDVFSNSV	First NETSERV DVDE
48	(30)	ADDRESS	4	IDVLSNSV	Last NETSERV DVDE
52	(34)	ADDRESS	4	IDVFNJE	First NJERMT DVDE
56	(38)	ADDRESS	4	IDVSLNJE	Last NJERMT DVDE
60	(3C)	ADDRESS	4	IDVSFREE	Next free storage slot

Comment

 SYSUNITS Index Table Related Information.

End of Comment

64	(40)	ADDRESS	4	IDVSITAD	Address of SYSUNITS index table
68	(44)	ADDRESS	4	IDVSITEN	End of the SYSUNITS index table
72	(48)	SIGNED	4	IDVSITCT	Number of SYSUNITS index table slots
76	(4C)	ADDRESS	4	IDVSITNX	Address of next SYSUNITS index table slot to be used in assigning a SYSUNITS index

Comment

 Execution Device Initialization Element Block Information.

End of Comment

80	(50)	ADDRESS	4	IDVXIBFR	Address of first XIB
84	(54)	ADDRESS	4	IDVXIBLS	Address of last XIB

Comment

 Work Areas and Save Areas.

End of Comment

88	(58)	SIGNED	4	IDVWORK	Conversion work area
88	(58)	X'58'	0	IDVHEXDN	"IDVWORK,2" Device number in hex

Comment

 The following table is used to locate the entry for a particular device number. The first eight bits of the hexadecimal device number are used to index into the table. Each entry in the table points to a another table that contains entries for 256 devices. Pointers will exist only if there are devices in the specified range.
 For example:

Vector 1 represents devices 0000 through 00FF
 Vector 2 represents devices 0100 through 01FF
 Vector 3 represents devices 0200 through 02FF

·
 ·
 ·

Vector 256 represents devices FF00 through FFFF

End of Comment

92	(5C)	ADDRESS	4	IDVDNTAD (0)	Device number table vectors
----	------	---------	---	--------------	-----------------------------

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
92	(5C)	X'100'	0	IDVDNTCT	"256" Number of devices that are represented by each vector	
Comment						

End of IDVS.						

End of Comment						
92	(5C)	X'45C'	0	IDVSEND	*** End of IDVS	
92	(5C)	X'45C'	0	IDVSSIZE	"IDVSEND-IDVSTART" Size of IDVS	
Comment						
Functions and Options in Register Zero.						

Option byte 1 - Byte 1 of register zero is reserved for the specific function.						

End of Comment						
92	(5C)	X'10'	0	IDOPTR01	"SAVPARAM0+0,1" Option byte location	
Comment						

Option byte 2 - Byte 2 of register zero - unused.						

End of Comment						
92	(5C)	X'11'	0	IDOPTR02	"SAVPARAM0+1,1" Option byte location	
Comment						

Option byte 3 - Byte 3 of register zero - unused.						

End of Comment						
92	(5C)	X'12'	0	IDOPTR03	"SAVPARAM0+2,1" Option byte location	
Comment						

IATXIDVS function codes						

End of Comment						
92	(5C)	X'1'	0	IDFINTLZ	"1" FUNC=INITIALIZE	
92	(5C)	X'2'	0	IDFRODEV	"2" FUNC=READ_OLD_DEVICES	
92	(5C)	X'3'	0	IDFSVITX	"3" FUNC=SAVE_ITEXT	
92	(5C)	X'4'	0	IDFASIGN	"4" FUNC=ASSIGN_SYSUNITS	
92	(5C)	X'5'	0	IDFWRITX	"5" FUNC=WRITE_ITEXT	
92	(5C)	X'6'	0	IDFCHKDL	"6" FUNC=CHECK_DELETE	
92	(5C)	X'7'	0	IDFCLNUP	"7" FUNC=CLEANUP	
92	(5C)	X'5'	0	IDFMAX	"IDFWRITX" Maximum function value	

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
0	(0)	STRUCTURE	0	DNTSTART	, Device Number Table Entry	
0	(0)	ADDRESS	4	DNTXIEAD	Address of the first XIE for this device number	
4	(4)	SIGNED	4	DNTEND (0)	End of table	
4	(4)	X'4'	0	DNTSIZE	"DNTEND-DNTSTART" Size of table	

IATYIDVS Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SITSTART	, SYSUNITs Index Table Entry
0	(0)	ADDRESS	4	SITXIEFR	Address of the first XIE on the XIE chain associated with this index. This field will be non-zero if the device was defined as an execution or shared device
4	(4)	ADDRESS	4	SITXIELS	Address of the last XIE on the XIE chain
8	(8)	ADDRESS	4	SITDVDE	DVDE if device was assigned to a SUPUNIT or SETUNIT (for debugging purposes)
12	(C)	SIGNED	2	SITINDEX	SYSUNITs index value
14	(E)	BITSTRING	1	SITFLAG1	Flag one

Comment

 Definition of SITFLAG1.

End of Comment

		1... ..		SITJDSHR	"X'80" The SYSUNITs index for this entry has been assigned to a JES3 DSP or shared device
15	(F)	BITSTRING	5	SITRSVDD	Reserved for development
20	(14)	SIGNED	4	SITEND (0)	End of table entry
20	(14)	X'14'	0	SITSIZE	"SITEND-SITSTART" Size of table entry

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	XIBSTART	, Execution Device Initialization Element Block
0	(0)	CHARACTER	4	XIBID	Control block id
4	(4)	ADDRESS	4	XIBNEXT	Address of next block
8	(8)	ADDRESS	4	XIBAVPTR	Address of first available element in this block
12	(C)	SIGNED	2	XIBAVCNT	Number of available elements in this block
14	(E)	SIGNED	2	XIBTSIZE	Total size of this block
16	(10)	DBL WORD	8	XIBEND (0)	End of block header
16	(10)	X'10'	0	XIBSIZE	"XIBEND-XIBSTART" Size of block header
16	(10)	X'1F4'	0	XIBCOUNT	"500" Number of Execution Device Initialization Elements in a block

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	XIESTART	, Execution Device Init. Element
0	(0)	CHARACTER	4	XIEID	Control block id
4	(4)	CHARACTER	4	XIEDEVNO	Device number
8	(8)	CHARACTER	8	XIESYSNM	System name
16	(10)	SIGNED	2	XIESYSIX	SYSUNITs index value
18	(12)	BITSTRING	1	XIEFLAG1	Flag one

Comment

 Definition of XIEFLAG1.

End of Comment

		1... ..		XIEFOUND	"X'80" The device number and system name associated with this XIE were found on a DEVICE statement
		.1.. ..		XIEASNIX	"X'40" The device number and system name associated with this XIE has been assigned a SYSUNITs index
		..1.		XIEF1R20	"X'20" Reserved for development
		...1		XIEF1R10	"X'10" Reserved for development
		.... 1...		XIEF1R08	"X'08" Reserved for development
		.... .1..		XIEF1R04	"X'04" Reserved for development
		.... ..1.		XIEF1R02	"X'02" Reserved for development
		.... ...1		XIEF1R01	"X'01" Reserved for development
19	(13)	BITSTRING	1	XIERSVD1	Reserved for development

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
20	(14)	ADDRESS	4	XIEDVNNX	Address of next element on the device number table queue
24	(18)	ADDRESS	4	XIESITNX	Address of next element on the SYSUNITs index queue
28	(1C)	SIGNED	4	XIEEND (0)	End of element
28	(1C)	X'1C'	0	XIESIZE	"XIEEND-XIESTART" Size of element

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	PRMSVITX	, IATXIDVS SAVE_ITEXT parameter list
0	(0)	ADDRESS	4	SAVITXAD	Pointer to the intermediate text to save
4	(4)	SIGNED	4	SAVITXLN	Length of the intermediate text to save

IATYIDVS Cross Reference

Name

DNTEND
 DNTSIZE
 DNTSTART
 DNTXIEAD
 IDFASIGN
 IDFCHKDL
 IDFCLNUP
 IDFINTLZ
 IDFMAX
 IDFRODEV
 IDFSVITX
 IDFWRITX
 IDOPTR01
 IDOPTR02
 IDOPTR03
 IDVDNTAD
 IDVDNTCT
 IDVHEXDN
 IDVSALET
 IDVSDTOK
 IDVSEND
 IDVSFNJE
 IDVSFNSV
 IDVSFREE
 IDVSFSET
 IDVSFSOC
 IDVSFSUP
 IDVSID
 IDVSITAD
 IDVSITCT
 IDVSITEN
 IDVSITNX
 IDVSLNJE
 IDVSLNSV
 IDVSLSET
 IDVLSOC
 IDVLSUP
 IDVSORIG
 IDVSSIZE
 IDVSTART
 IDVWORK
 IDVXIBFR
 IDVXIBLS
 PRMSVITX
 SAVITXAD

IATYIDVS Cross Reference

Name

SAVITXLN
SITDVDE
SITEND
SITFLAG1
SITINDEX

SITJDSHR
SITRSVDD
SITSIZE
SITSTART
SITXIEFR

SITXIELS
XIBAVCNT
XIBAVPTR
XIBCOUNT
XIBEND

XIBID
XIBNEXT
XIBSIZE
XIBSTART
XIBTSIZE

XIEASNIX
XIEDEVNO
XIEDVNNX
XIEEND
XIEFLAG1

XIEFOUND
XIEF1R01
XIEF1R02
XIEF1R04
XIEF1R08

XIEF1R10
XIEF1R20
XIEID
XIERSVD1
XIESITNX

XIESIZE
XIESTART
XIESYSIX
XIESYSNM

IATYIFC Information

IATYIFC Heading Information

Common Name: CONVERTER/INTERPRETER FSS CONTROL BLOCK
Macro ID: IATYIFC
DSECT Name: IFCSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IFC
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: SUBPOOL 0 (JESPOOL)
 Auxiliary Storage: N/A
Size: 376 Bytes
Created by: IATINFC
Pointed to by: TVTIFCAD in IATYTVT
 Register 13 of CI FSS Driver Module
 IATIIFC
Serialization: None
Function: This control block is used to map the data area used by the C/I FSS driver module IATIIFC.

IATYIFC Map

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
0	(0)	STRUCTURE	0			
0	(0)	STRUCTURE	0	IFCSTART	C/I FSS CONTROL BLOCK	
0	(0)	CHARACTER	4	IFCID	CONTROL BLOCK ID	
Comment						
-----DO NOT MOVE THE BOUNDRY ALIGNMENT FROM BEFORE THE ECF---						
End of Comment						
4	(4)	SIGNED	4	(0)	BOUNDRY ALIGNMENT FOR ECF *	
4	(4)	BITSTRING	1	IFCECF	C/I FSS DRIVER MODULES ECF *	
Comment						

End of Comment						
		1... ..		IFCORDER	"X'80" POST TO PROCESS ORDERS	
		.1.. ..		IFCENDFN	"X'40" POST FROM JOB ENDING FUNCTION	
		..1.		IFCSTOPN	"X'20" STOP FSS ORDER NORMAL	
		...1		IFCSTOPA	"X'10" STOP FSS ORDER ABNORMAL	
		.... 1...		IFCSTOPD	"X'08" STOP FSS AND DUMP	
4	(4)	X'F8'	0	IFCPOST	"IFCORDER+IFCENDFN+IFCSTOPN+IFCSTOPA+IFCSTOPD"	
					MASK FOR ALL POSTS	
5	(5)	BITSTRING	1	IFCRSECF (3)	RESERVED FOR ECFS	
Comment						
CCB CHAIN POINTERS						
End of Comment						
8	(8)	ADDRESS	4	IFCOCTOP	ORDER ROUTINE CCB TOP POINTER	
12	(C)	ADDRESS	4	IFCPCTOP	PROCLIB ORDER CCB TOP POINTER	
16	(10)	ADDRESS	4	IFCMCTOP	MODIFY COUNT CCB TOP POINTER	
20	(14)	ADDRESS	4	IFCEDTOP	ENABLE DISABLE CCB TOP POINTER	
24	(18)	ADDRESS	4	IFCJCTOP	PROCESS JOB CCB TOP POINTER	
28	(1C)	ADDRESS	4	IFCFCTOP	PROCESS JOB CANCEL/FAIL POINTER	
32	(20)	ADDRESS	4	IFCRSCCB (4)	RESERVED FOR CCB CHAINS	

IATYIFC Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
FSI PARAMETER LIST ADDRESSES					
End of Comment					
48	(30)	ADDRESS	4	IFCFSIPC	PTR TO FSIP FOR FSIREQ CONNECT/DISCONNECT
52	(34)	ADDRESS	4	IFCFSIPS	PTR TO FSIP FOR FSIREQ SEND
Comment					
POINTERS TO PREALLOCATED RESPONSE CCBS					
End of Comment					
56	(38)	ADDRESS	4	IFCPRESC	PROCLIB RESPONSE CCB POINTER
60	(3C)	ADDRESS	4	IFCMRESC	MODIFY COUNT RESPONSE CCB
64	(40)	ADDRESS	4	IFCJRESC	PROCESS JOB NORMAL RESPONSE
68	(44)	ADDRESS	4	IFCNRESC	PROCESS JOB NAVAIL RESPONSE
72	(48)	ADDRESS	4	IFCRRCCB (4)	RESERVED FOR RESPONSE CCBS
Comment					
MISCELLANEOUS COUNTS AND EQUATES					
End of Comment					
88	(58)	SIGNED	4	IFPCBCT	PROCLIB ORDER CCB COUNT
92	(5C)	SIGNED	4	IFPCBMX	PROCLIB ORDER CCB MAX COUNT
96	(60)	BITSTRING	8	IFCORDID (0)	PROCLIB (TYPE=BUILD) ORDER IDENTIFICATION NUMBER
96	(60)	SIGNED	4	IFCPJOID	JES3 PORTION OF ORDER ID NO.
100	(64)	SIGNED	4	IFCPFOID	FSS PORTION OF ORDER ID NO.
104	(68)	BITSTRING	8	IFCMORID (0)	MODIFY COUNT ORDER IDENTIFICATION NUMBER
104	(68)	SIGNED	4	IFCMJOID	JES3 PORTION OF ORDER ID NO.
108	(6C)	SIGNED	4	IFCMFOID	FSS PORTION OF ORDER ID NO.
112	(70)	SIGNED	4	IFCNASEQ	LAST RESPONSE SEQUENCE NO. FOR MODIFY COUNT AND PROCESS JOB (NAVAIL) RESPONSES
112	(70)	X'10'	0	IFCCDLEN	"CDFIDSZ+CDFIDSZ" LENGTH OF TWO FSIP CONNECT/DISCONNECT ID AREAS
Comment					
FLAGS					
End of Comment					
116	(74)	BITSTRING	1	IFCFLAG1	IFC FLAG ONE
Comment					
----- DEFINITION OF IFCFLAG1 -----					
End of Comment					
		1... ..		IFCRETRY	"X'80" RETRY ROUTINE IS ACTIVE
		.1... ..		IFCRQNAV	"X'40" RQ NOT AVAILABLE FOR JOB ON PROCESS JOB CCB CHAIN
		..1.		IFCLAST	"X'20" LAST PROCLIB CCB FOUND
		...1		IFCRF110	"X'10" RESERVED FLAG
		.... 1...		IFCRF108	"X'08" RESERVED FLAG
		.... .1..		IFCRF104	"X'04" RESERVED FLAG
		.... ..1		IFCRF102	"X'02" RESERVED FLAG
		.... ...1		IFCRF101	"X'01" RESERVED FLAG
117	(75)	BITSTRING	1	IFCTRMFL	NORMAL FSS TERMINATION FLAG

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- DEFINITION OF IFCTRMFL -----					
End of Comment					
		1... ..		IFCTRMFS	"X'80" NORMAL STOP FSS HAS BEEN ISSUED
		.1.. ..		IFCRTR40	"X'40" RESERVED FLAG
		..1.		IFCRTR20	"X'20" RESERVED FLAG
		...1		IFCRTR10	"X'10" RESERVED FLAG
		.... 1..		IFCRTR08	"X'08" RESERVED FLAG
		.... .1..		IFCRTR04	"X'04" RESERVED FLAG
		.... ..1.		IFCRTR02	"X'02" RESERVED FLAG
		.... ...1		IFCRTR01	"X'01" RESERVED FLAG
118	(76)	BITSTRING	1	IFCTRACE	IIFC JESTAE TRACE FLAG
Comment					
----- DEFINITION OF IFCTRACE -----					
End of Comment					
118	(76)	X'1'	0	IFCENTRY	"1" ENTRY PHASE OF IATIIFC
118	(76)	X'2'	0	IFCSORTP	"2" SORT PHASE OF IATIIFC
118	(76)	X'3'	0	IFCPROCP	"3" PROCLIB ORDER PHASE
118	(76)	X'4'	0	IFCPROCB	"4" ENTERING IIFP FOR PROC BUILD
118	(76)	X'5'	0	IFCMODCP	"5" MODIFY COUNT ORDER PHASE
118	(76)	X'6'	0	IFCPROJP	"6" PROCESS JOB ORDER PHASE
118	(76)	X'7'	0	IFCCANFP	"7" CANCEL OR FAIL ORDER PHASE
118	(76)	X'8'	0	IFCENDGP	"8" ENDING FUNCTION PHASE
118	(76)	X'9'	0	IFCINATP	"9" IATINAT IS IN STORAGE
118	(76)	X'A'	0	IFCMODCR	"10" MODIFY COUNT RESPONSE PHASE
118	(76)	X'B'	0	IFCPROCR	"11" PROCLIB RESPONSE PHASE
118	(76)	X'C'	0	IFCAPNDG	"12" ENTERING CONSOLE APPENDAGE
118	(76)	X'D'	0	IFCDISCN	"13" FSS DISCONNECT PHASE
119	(77)	BITSTRING	1	IFCRFLGD (2)	RESERVED FOR DEVELOPMENT
121	(79)	BITSTRING	1	IFCRFLGS (2)	RESERVED FOR SERVICE
123	(7B)	BITSTRING	1	IFCRFLGU	RESERVED FOR USER
Comment					
SAVE AREAS					
End of Comment					
124	(7C)	SIGNED	4	IFCSAV18 (18)	SAVE AREA FOR FSIREQ
196	(C4)	SIGNED	4	IFCSAVFL	SAVE AREA FOR CONDITION CODE
196	(C4)	X'C7'	0	IFCSAVPT	"IFCSAVFL+3" POINTER TO THE LAST BYTE
Comment					
DM207 CONDITION CODES					
End of Comment					
		.... .1..		IFCMDNTF	"X'04" IATINFC - MEMDATA ENTRY NOT FOUND
		.... 1..		IFCFOLDP	"X'08" IATINFC - LOAD OF IATIIFO FAILED
		.... 11..		IFCFILDF	"X'0C" IATINFC - LOAD OF IATINIF FAILED
		...1		IFCMSLDF	"X'10" IATINFC - LOAD OF IATIIMS FAILED
		...1 .1..		IFCOMPC	"X'14" IATINFC - MPC ADDRESS IN TVT IS ZERO
		...1 1..		IFCCFAIL	"X'18" IATIIFC - FSIREQ CONNECT FAILED
		...1 11..		IFPCNTF	"X'1C" IATIIFC - PROCLIB SPECIFIED IN THE CCB WAS NOT FOUND
		..1.		IFCBDCCB	"X'20" IATIIFC - A BAD CCB WAS DETECTED

IATYIFC Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		..1. .1..		IFCDISCF	"X'24" IATIIFC - FSS DISCONNECT FAILED
		..1. 1...		IFCBDCAR	"X'28" IATIIFC - BAD CONSOLE APPENDAGE RETURN
		..1. 11..		IFCCPART	"X'2C" IATIIFC - System is being partitioned 06100SUA out of the sysplex 06100SUA
Comment					
CONSOLE BUFFER AREA FOR CANCELING JOBS IN CI					
End of Comment					
200	(C8)	BITSTRING	316	IFCCNBUF	
516	(204)	SIGNED	4	IFCEND (0)	IFC CONTROL BLOCK END
516	(204)	X'204'	0	IFCLENGTH	"IFCEND-IFCSTART" IFC CONTROL BLOCK LENGTH

IATYIFC Cross Reference

Name

IFCAPNDG
 IFCBDCAR
 IFCBDCCB
 IFCCANFP
 IFCCDLEN
 IFCCFAIL
 IFCCNBUF
 IFCCPART
 IFCDISCF
 IFCDISCN
 IFCECF
 IFCEDTOP
 IFCEND
 IFCENDFN
 IFCENDGP
 IFCENTRY
 IFCFCTOP
 IFCFLAG1
 IFCFOLDF
 ICFSSIPC
 ICFSSIP
 IFCID
 IFCIFLDF
 IFCINATP
 IFCJCTOP
 IFCJRESC
 IFCLAST
 IFCLENT
 IFCMCTOP
 IFCMDNTF
 IFCMFOID
 IFCMJOID
 IFCMODCP
 IFCMODCR
 IFCMORID
 IFCMRESC
 IFCMSLDF
 IFCNASEQ
 IFCNRESC
 IFCOCTOP

Name

IFCORDER
IFCORDID
IFPCBCT
IFPCBMX
IFPCNTF

IFCPCTOP
IFCPFOID
IFCPJOID
IFCPOST
IFCPRESC

IFCPROCB
IFCPROCP
IFCPROCR
IFCPROJP
IFCRETRY

IFCRFLGD
IFCRFLGS
IFCRFLGU
IFCRF101
IFCRF102

IFCRF104
IFCRF108
IFCRF110
IFCRQNAV
IFCRRCCB

IFCRSCCB
IFCRSECF
IFCRTR01
IFCRTR02
IFCRTR04

IFCRTR08
IFCRTR10
IFCRTR20
IFCRTR40
IFCSAVFL

IFCSAVPT
IFCSAV18
IFCSORTP
IFCSTART
IFCSTOPA

IFCSTOPD
IFCSTOPN
IFCTRACE
IFCTRMFL
IFCTRMFS

IFC0MPC

IATYIIC Information

IATYIIC Heading Information

Common Name: Initialization Input Control Area
Macro ID: IATYIIC
DSECT Name: IICSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IIC
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 1
Size: IICHSIZE bytes for IICSTART
 IICESIZE bytes for IICENTRY
Created by: IATINRN (INPUTINT) - Input Initialization routine
Pointed to by: INTIICAD in IATYINT
 IICHEPTR in IATYIIC
Serialization: NONE
Function: This Initialization Input Control Area contains information that is used to read records from the initialization stream. It consists of a header and multiple entries. Each entry represents either the primary JES3 initialization stream member, or an included member created as a result of finding an INCLUDE statement within another member.

IATYIIC Map

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
0	(0)	STRUCTURE	0	IICSTART	, Initialization Input Control Area	
0	(0)	CHARACTER	4	IICHID	Control block id	
4	(4)	SIGNED	2	IICHTOSZ	Total size of the IIC including the IIC entries	
6	(6)	SIGNED	2	IICHRV1	Reserved for development	
8	(8)	CHARACTER	44	IICHPDSN	Data set name associated with the primary member	

Comment						

Current member information.						

End of Comment						
52	(34)	ADDRESS	4	IICHEPTR	Current IIC entry pointer	
56	(38)	SIGNED	2	IICHLEVL	Number of initialization stream member levels	
56	(38)	X'4'	0	IICMXLV	"4" Maximum number of init. stream member levels (one primary and up to 3 INCLUDE levels)	

Comment						

Definition of IICHFLG1.						

End of Comment						
58	(3A)	BITSTRING	1	IICHFLG1	IIC header flag one	
59	(3B)	BITSTRING	5	IICHRV2	Reserved for development	
64	(40)	DBL WORD	8	IICHEND (0)	End of control block	
64	(40)	X'40'	0	IICHSIZE	"IICHEND-IICSTART" Size of control block	

IATYIIC Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IICENTRY	,
0	(0)	CHARACTER	4	IICEID	Control block id
4	(4)	ADDRESS	4	IICEDCBA	DCB address
8	(8)	CHARACTER	8	IICEMEMN	Member name being used
16	(10)	CHARACTER	8	IICEDDNM	DDNAME being used
16	(10)	X'16'	0	IICEDSFX	"IICEDDNM+6,2" DDname suffix value
24	(18)	CHARACTER	44	IICEDSNM	Data set name being used

Comment

Dynamic allocation/unallocation information.

End of Comment

68	(44)	SIGNED	4	IICEDYRC	DYNALLOC return code
72	(48)	SIGNED	2	IICEDYER	Error reason code
74	(4A)	SIGNED	2	IICEDYIF	Information reason code

Comment

Definition of IICEFLG1.

End of Comment

76	(4C)	BITSTRING	1	IICEFLG1	IIC entry flag one
		1... ..		IICPRIM	"X'80" This entry is for the primary initialization stream member
		.1.. ..		IICINCLU	"X'40" This entry was created as a result of an INCLUDE
		..1.		IICDYNAL	"X'20" Dynamic allocation was performed
		...1		IICOPEN	"X'10" Open was performed
		.... 1..		IICGMDCB	"X'08" The DCB used for this entry is GETMAINed.
		.... .1..		IICMEMNF	"X'04" Open failed because member not found
		.... ..1.		IICEOF	"X'02" End of file occurred
		.... ...1		IICRF101	"X'01" Reserved flag
77	(4D)	BITSTRING	3	IICRSVD1	Reserved for development
80	(50)	DBL WORD	8	IICEEND (0)	End of entry
80	(50)	X'50'	0	IICESIZE	"IICEEND-IICENTRY" Size of entry

IATYIIC Cross Reference

Name

IICDYNAL
 IICEDCBA
 IICEDDNM
 IICEDSFX
 IICEDSNM
 IICEDYER
 IICEDYIF
 IICEDYRC
 IICEEND
 IICEFLG1
 IICEID
 IICEMEMN
 IICENTRY
 IICEOF
 IICESIZE
 IICGMDCB
 IICHEND
 IICHEPTR
 IICHFLG1
 IICHID

Name

IICLEVEL
IICHMXLV
IICHPDSN
IICHRV1
IICHRV2

IICHSIZE
IICHTOSZ
IICINCLU
IICMEMNF
IICOPEM

IICPRIM
IICRF101
IICRSVD1
IICSTART

IATYIIW Information

IATYIIW Programming Interface information

Programming Interface information

IATYIIW

The following fields are **NOT** programming interface information:

- IIWESTAE
- IIWSRPL
- IIWSWB
- IIWVAT
- IIWJRPL
- IIWSWAAD

End of Programming Interface information

Heading Information • IATYIIW Map

IATYIIW Heading Information

Common Name: INTERPRETER COMPATIBILITY WORK AREA
Macro ID: IATYIIW
DSECT Name: IIWORK
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: SUBPOOL 0 - below 16M
 Auxiliary Storage: N/A
Size: 1692 Bytes
Created by: IATIII
Pointed to by: R9 while IATIII is ACTIVE
Serialization: None
Function: This macro maps the work area used by the Interpreter DSP Initiator Interface routine.

IATYIIW Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	ZB505	
0	(0)	CHARACTER	28	SWAEPAX (0)	MAPPING OF EXTENDED EPA FOR LOCATE/ALL
0	(0)	CHARACTER	16	SWAEPA (0)	MAPPING OF STANDARD EPA
0	(0)	SIGNED	4	SWBLKPTR	POINTER TO BLOCK
4	(4)	SIGNED	4	SWVAFW (0)	4 BYTE SWA VIRTUAL ADDRESS
4	(4)	CHARACTER	3	SWVA	3 BYTE SWA VIRTUAL ADDRESS
7	(7)	CHARACTER	1	SWBLKID	BLOCK ID OR ZERO
8	(8)	SIGNED	4	SWLNGTH	LENGTH OF SWA BLOCK (NOT INCLUDING SWA PREFIX)
12	(C)	SIGNED	4	SWCHNPTR	CHAIN POINTER OR ZERO
16	(10)	SIGNED	4	SWQMPA	POINTER TO QMPA OR ZERO
20	(14)	SIGNED	4	SWPFXPTR	POINTER TO SWA PREFIX
24	(18)	SIGNED	2	SWPFXLTH	LENGTH OF SWA PREFIX
26	(1A)	CHARACTER	2	SWLVERS	VERSION NUMBER

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	ZB506	
0	(0)	CHARACTER	16	SWAMEPAX (0)	MOVE MODE EPA MAPPING FOR EXTENDED EPAS
0	(0)	CHARACTER	8	SWAMMEPA (0)	MOVE MODE EPA MAPPING FOR STANDARD EPAS
0	(0)	SIGNED	4	SWBUFPTR (0)	FOR READ OR WRITE - BUFFER ADDRESS
0	(0)	CHARACTER	3	SWASNVA	FOR ASSIGNS (SVA)
3	(3)	CHARACTER	1	SWASNZO	4TH BYTE OF SVA0 - FOR ASSIGNS REMAINDER NOT USED FOR ASSIGNS
4	(4)	CHARACTER	3	SWROWVA	SVA FOR READ OR WRITE
7	(7)	CHARACTER	1	SWWRTID	FOR 8 OR 16 BYTE EPAS, THIS IS THE ID OF THE BLOCK TO BE WRITTEN
8	(8)	CHARACTER	4	SWLENGTH	LENGTH OF SWA BLOCK NOT INCLUDING THE PREFIX TO BE ASSIGNED FOR AN ASSIGN OR A WRITE/ASSIGN
12	(C)	CHARACTER	1	SWASGNID	FOR 16 BYTE EPAS, THIS IS THE ID OF THE BLOCK TO BE ASSIGNED
13	(D)	CHARACTER	2	SWMVERS	VERSION NUMBER
15	(F)	CHARACTER	1		RESERVED

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IIWORK	
0	(0)	CHARACTER	8	IIWNAM	- NAME OF CONTROL BLOCK
8	(8)	DBL WORD	8	IIWSRPL (0)	- RPL

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
					IFGRPL DSECT=NO \$MAC(IFGRPL): PROPRIETARY V3 STATEMENT LICENSED MATERIALS - PROPERTY OF IBM "RESTRICTED MATERIALS OF IBM" 5647-A01 (C) COPYRIGHT 1980,2000 IBM CORP. END PROPRIETARY V3 STATEMENT STATUS = DFSMS VERSION 2 RELEASE 10 DESCRIPTIVE NAME = REQUEST PARAMETER LIST (RPL) FUNCTION = THE RPL CONTAINS USER REQUEST AND ERROR PASSBACK INFORMATION. IT IS USED BY VSAM AND VTAM, OR WHEN THE JOB ENTRY SUBSYSTEM(JES) IS BEING USED IN VS1, TO MAINTAIN INFORMATION REQUIRED BY THE GET AND PUT MACROS. THE RPL IS CREATED WITH INFORMATION SUPPLIED BY THE USER IN THE RPL MACRO AND IS ACCESSED BY THE REQUEST PROCESSING ROUTINES THROUGH REGISTER 1. THE CONTROL BLOCK CONSISTS OF AN AREA COMMON TO ALL USERS AND AN APPENDED VSAM EXTENSION. THE VSAM EXTENSION MACRO INVOKES THE VTAM RPL EXTENSION, ISTRPLEX, IF 'AM=VTAM' IS CODED IN THE RPL MACRO. DATE OF LAST CHANGE = 5 AUG 93 (93 XXX) CHANGE ACTIVITY \$L1=DF/EF,JDM1113,4/1/80,STLASN: DF/EF SUPPORT RELEASE 1.0 \$L2=DFP,HDP2210,,STLAYS: MVS/XA DFP RELEASE 2.1.0 ADD CODE FOR BDT @ZA92383 REC MGMT ENTERED FROM CLOSE ISSUED BY TASK TERMINATION @YA43869 \$ZZ=SMS1.2,HDZ1120,,SJFEDKT: DFSMS RELEASE 1.2 \$L3=DFSMS,HDZ11C0,05/14/94,SJPLRG: VSAM RLS RESERVE BIT SETTING 02 IN RPLOPT4 FOR VSAM USE @WA26115 \$TR=DFSMS,HDZ11F0,112299,SJPLTLW: DEFINE ACTIVE GTF BIT \$01=OA37814,HDZ1C10,10/11/2011,TMENENDEZ: VSAM RLS REPLICATION SUPPORT ASSEMBLER DSECT FOR RPL
				End of Comment	
8	(8)	DBL WORD	8	IFGRPL (0)	
8	(8)	X'8'	0	RPLIDWD	*** RPL IDENTIFICATION WORD
8	(8)	BITSTRING	1	RPLID	RPL IDENTIFIER
		.... ....		RPLIDD	"X'00'" IDENTIFIER VALUE - X'00'
9	(9)	BITSTRING	1	RPLSTYP	RPL SUBTYPE - SET TO X'00' FOR DATA MANAGEMENT AND X'0D' FOR JESCS
		...1		RPLSVSAM	"X'10'" VSAM SUBTYPE X04SVHS
		...1 ..1.		RPLSTERM	"X'12'" SUBTYPE FOR RECORD MGMT ENTERED FROM CLOSE ISSUED BY TASK TERMINATION
		..1.		RPLSVTAM	"X'20'" VTAM SUBTYPE X04SVHS
		.1.		RPLS3540	"X'40'" 3540 SUBTYPE X04SVHS
		1111 1111		RPLCRID	"X'FF'" CRPL ID (VTAM) X03004
10	(A)	BITSTRING	1	RPLREQ	RPL REQUEST TYPE
		.... ....		RPLGET	"X'00'" GET
		.... ..1		RPLPUT	"X'01'" PUT
		.... ..11		RPLPOINT	"X'03'" POINT
		.... ..1.1		RPLERASE	"X'05'" ERASE
		.... ..111		RPLJSFMT	"X'07'" JES FORMAT REQUEST

IATYIIW Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
THE FOLLOWING CODES ARE NOT STORED IN RPLREQ, BUT ARE AVAILABLE IN REGISTER 0 WHEN THE FUNCTION IS ENTERED AND STORED IN RPLREQ DURING PROCESSING OF THE FUNCTION.					
End of Comment					
		.... ..1.		RPLCHECK	"X'02" CHECK
		.... ..1..		RPLENDRE	"X'04" ENDREQ
		.... ..11.		RPLVERIF	"X'06" VERIFY
		.... ..111		RPLIMPRT	"X'07" IMPORT
		.... 1..		RPLPFMTD	"X'08" DATA PREFORMAT
		.... 1..1		RPLPFMTI	"X'09" INDEX PREFORMAT
		.... 1..1.		RPLFRICIO	"X'0A" FORCE I/O
		...1		RPLCNVTA	"X'10" CNVTAD
		...1 ...1		RPLMNTAC	"X'11" MNTACQ(VSAM)
		...1 ...1		RPLWRITE	"X'11" WRITE(VTAM) X03004
		...1 ..1.		RPLACQRA	"X'12" ACQRANGE(VSAM)
		...1 ..1.		RPLRESET	"X'12" RESET(VTAM) X03004
		...1 ..11		RPLTERM	"X'13" TERMRPL
		...1 ..11		RPLDO	"X'13" DO(VTAM) X03004
		...1 ..1..		RPLVERRF	"X'14" VERIFY REFRESH
		...1 ..1.1		RPLLKADD	"X'15" LKADD REQUEST(VSAM)
		...1 ..11.		RPLLKREL	"X'16" LKREL REQUEST(VSAM)
		...1 ..111		RPLLKCD	"X'17" LKCD REQUEST(VSAM)
		...1 1..		RPLINQRC	"X'18" INQRC REQUEST(VSAM)
		...1 1..1		RPLRETLK	"X'19" RETLK REQUEST(VSAM)
		...1 1..1.		RPLRECOV	"X'1A" RECOV REQUEST(VSAM)
		...1 1..11		RPLQUI	"X'1B" QUIESCE REQ (VSAM)
		...1 11..		RPLEADD	"X'1C" EADD REQUEST(VSAM)
		...1 ..1.1		RPLQUISE	"X'15" SETLOGON(VTAM) X03004
		...1 ..11.		RPLSMLGO	"X'16" SIMLOGON(VTAM) X03004
		...1 ..111		RPLOPND5	"X'17" OPNDST(VTAM) X03004
		...1 1..1		RPLCHNG	"X'19" CHANGE(VTAM) X03004
		...1 1..1.		RPLINQIR	"X'1A" INQUIRE(VTAM) X03004
		...1 1..11		RPLINTPT	"X'1B" INTRPRET(VTAM) X03004
		...1 11.1		RPLREAD	"X'1D" READ(VTAM) X03004
		...1 111.		RPLSLICT	"X'1E" SOLICIT(VTAM) X03004
		...1 1111		RPLCLOSE	"X'1F" CLSDST(VTAM) X03004
		..1. ...1		RPLCLACB	"X'21" CLOSEACB(VTAM) X03004
		..1. ...1.		RPLSNDCCD	"X'22" SEND(VTAM) X3004BS
		..1. ...11		RPLRCVCD	"X'23" RECEIVE(VTAM) X3004BS
		..1. ..1..		RPLRSRCD	"X'24" RESETSR(VTAM) X3004BS
		..1. ..1.1		RPLSSCCD	"X'25" SESSIONC(VTAM) X3004BS
		..1. ..111		RPLSDCMD	"X'27" SENDCMD(VTAM)
		..1. 1...		RPLRVCMD	"X'28" RVCMD(VTAM)
		..1. 1..1		RPLTREQS	"X'29" REQSESS(VTAM)
		..1. 1..1.		RPLTOPNS	"X'2A" OPNSEC(VTAM)
		..1. 1..11		RPLTCLSS	"X'2B" CLSSEC(VTAM)
		..1. 11..		RPLTRMS	"X'2C" TRMSESS(VTAM)
11	(B)	BITSTRING	1	RPLLEN (0)	LENGTH OF THIS RPL
11	(B)	BITSTRING	1	RPLLEN2	ALTERNATE NAME FOR RPLLEN X03004
12	(C)	ADDRESS	4	RPLPLHPT	POINTER TO PLACEHOLDER
16	(10)	ADDRESS	4	RPLECB	INTERNAL ECB OR POINTER TO EXTERNAL ECB

Comment

ECB FLAGS

End of Comment					
		1...		RPLWAIT	"X'80" A REQUEST HAS BEEN ISSUED
		..1..		RPLPOST	"X'40" THE REQUEST HAS COMPLETED
20	(14)	BITSTRING	4	RPLFDBWD (0)	FEEDBACK WORD X04SVHS
20	(14)	BITSTRING	1	RPLSTAT	CURRENT RPL STATUS

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
20	(14)	X'14'	0	RPLFUNCD	"RPLSTAT" PROB DET FUNCT CD
21	(15)	BITSTRING	3	RPLFDBK (0)	ERROR FEEDBACK
21	(15)	BITSTRING	1	RPLRTNCD (0)	RPL RETURN CODE
		.... ....		RPLNOERR	"X'00" NORMAL RETURN
		.... .1..		RPLBLKER	"X'04" INVALID CONTROL BLOCK
		.... .1..		RPLCBLKE	"X'04" ALTERNATE NAME FOR RPLBLKER X03004
		.... 1...		RPLLOGGER	"X'08" ILLOGICAL REQUEST
		.... 1...		RPLLOGIC	"X'08" ALTERNATE NAME FOR RPLLOGGER X03004
		.... 11..		RPLPHYER	"X'0C" PHYSICAL I/O ERROR
		.... 11..		RPLPHYSC	"X'0C" ALTERNATE NAME FOR RPLPHYER X03004
		...1		RPLNGRCC	"X'10" A CONDITIONAL COMMAND WAS ISSUED BUT THE CONDITION WAS NOT MET(VTAM) X03004
		...1		RPLNOVAS	"X'10" SMSVSAM SERVER ADDRESS SPACE HAS NOT BEEN INITIALIZED OR NOT ACTIVE
		...1 .1..		RPLSPECC	"X'14" A TEMPORARY OUT-OF-CORE SITUATION EXISTS(VTAM) X03004
		...1 1...		RPLCMDRT	"X'18" THE REQUEST WAS CANCELLED BY THE RESET COMMAND(VTAM) X03004
		...1 11..		RPLPURGE	"X'1C" THE COMMAND WAS PURGED(VTAM) X03004
		..1.		RPLVTMNA	"X'20" VTAM IS NOT ACTIVE(VTAM) X03004
		..1. .1..		RPLSYERR	"X'24" SYSTEM ERROR(VTAM)X03004
		..1. 1...		RPLDEVDC	"X'28" DIAL LINE IS DISCONNECTED(VTAM)X03004
		..1. 11..		RPLLIMEX	"X'2C" RESPONSE LIMIT EXCEEDED(VTAM) X3004BS
		..11		RPLEXRQ	"X'30" EXCEPTION REQUEST RECEIVED(VTAM) X3004BS
		..11 .1..		RPLEXRS	"X'34" EXCEPTION RESPONSE RECEIVED(VTAM) X3004BS
		..11 1...		RPLNOIN	"X'38" NO INPUT AVAILABLE(VTAM) X3004BS
		..11 11..		RPLVABND	"X'3C" VTAM ENCOUNTERED ABEND CONDITION
21	(15)	BITSTRING	1	RPLERREG	ALTERNATE NAME FOR RPLRTNCD
22	(16)	BITSTRING	2	RPLCNDCD (0)	RPL CONDITION CODE
22	(16)	BITSTRING	1	RPLCMPON (0)	COMPONENT ISSUING CODE(VSAM)
22	(16)	BITSTRING	1	RPLFDB2	REASON CODE(VTAM) X03004
		1...		RPLERLK	"X'80" ERROR LOCK SET X03004
		.1..		RPLRVID	"X'40" RVI RECEIVED X03004
		..1.		RPLATND	"X'20" ATTN RECEIVED X03004
		...1		RPLDVUNS	"X'10" DEVICE UNUSABLE X03004
		.... 1...		RPLIOERR	"X'08" I/O ERROR TYPE- 0=INPUT/ 1=OUTPUT X03004
		.... .1..		RPLDLGFL	"X'04" DIALOG INIT FAILED X03004
		.... .1..		RPLCUERR	"X'02" CONTROL UNIT FAILURE X03004
		.... ...1		RPLSTSAV	"X'01" SENSE BYTES PRESENT X03004
23	(17)	BITSTRING	1	RPLERRCD (0)	ERROR CODE(VSAM)
23	(17)	BITSTRING	1	RPLFDB3	DATA FLAGS(VTAM) X03004
		1...		RPLUINPT	"X'80" UNSOLICITED INPUT X03004
		.1..		RPLSV32	"X'40" RESERVED X03004
		..1.		RPLREOB	"X'20" END OF BLOCK X03004
		...1		RPLREOM	"X'10" END OF MESSAGE X03004
		.... 1...		RPLREOT	"X'08" END OF TRANSMISSION X03004
		.... .1..		RPLLGFRFC	"X'04" LOGOFF DETECTED X03004
		.... ..1.		RPLRLG	"X'02" LEADING GRAPHICS RECEIVED X03004
		.... ...1		RPLRDSOH	"X'01" START OF HEADER (SOH) RECEIVED X03004
24	(18)	SIGNED	2	RPLKEYLE (0)	KEY LENGTH (PROC=GEN)
24	(18)	SIGNED	2	RPLKEYL	ALTERNATE NAME FOR RPLKEYLE
26	(1A)	SIGNED	2	RPLSTRID	CCW STRING IDENTIFIER
26	(1A)	X'1A'	0	RPLTIME	"RPLSTRID,2" REQUEST DEADLOCK TIMEOUT VALUE
28	(1C)	ADDRESS	4	RPLCCHAR	POINTER TO CONTROL CHARACTER FOR UNIT RECORD DEVICES
28	(1C)	X'1C'	0	RPLLUWID	"RPLCCHAR,4" POINTER TO UNIT OF WORK ID
32	(20)	ADDRESS	4	RPLDACB	POINTER TO DATA ACB
36	(24)	ADDRESS	4	RPLTCBPT	POINTER TO TCB
40	(28)	ADDRESS	4	RPLAREA	POINTER TO AREA CONTAINING DATA RECORD
44	(2C)	ADDRESS	4	RPLARG (0)	POINTER TO SEARCH ARGUMENT; POINTER TO RELATIVE ADDRESS FOR POINT OPERATION; POINTER TO SETPRT PARMLIST
44	(2C)	BITSTRING	2	RPLSAF	SOURCE ADDRESS FIELD(VTAM) X03004

IATYIIW Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
46	(2E)	BITSTRING	2	RPLDAF	DESTINATION ADDRESS FIELD(VTAM) X03004
48	(30)	BITSTRING	4	RPLOPTCD (0)	OPTION CODES
48	(30)	BITSTRING	1	RPLOPT1	OPTION BYTE 1
		1...		RPLLOC	"X'80" LOCATE MODE; MOVE MODE IF 0
		.1..		RPLDIR	"X'40" DIRECT ACCESS
		..1.		RPLSEQ	"X'20" SEQUENTIAL ACCESS
		...1		RPLSKP	"X'10" SKIP SEQUENTIAL ACCESS
		.... 1...		RPLASY	"X'08" ASYNCHRONOUS PROCESSING
		.... .1..		RPLKGE	"X'04" SEARCH KEY GT/EQ
		.... ..1.		RPLGEN	"X'02" GENERIC KEY REQUEST
		.... ...1		RPLECBSW	"X'01" EXTERNAL ECB
		.... ...1		RPLECBIN	"X'01" ALTERNATE NAME FOR RPLECBSW X03004
49	(31)	BITSTRING	1	RPLOPT2	OPTION BYTE 2
		1...		RPLKEY	"X'80" KEYED ACCESS
		.1..		RPLADR	"X'40" ADDRESSED ACCESS
		.1..		RPLADD	"X'40" ALTERNATE NAME FOR RPLADR
		..1.		RPLCNV	"X'20" CONTROL INTERVAL ACCESS
		...1		RPLBWD	"X'10" FWD=0/BWD=1 X04SVHS
		.... 1...		RPLLRD	"X'08" ARD=0/LRD=1 X04SVHS
		.... .1..		RPLWAITX	"X'04" AYNCH PROC WAIT
		.... ..1.		RPLUPD	"X'02" UPDATE
		.... ...1		RPLNSP	"X'01" NOTE STRING POSITION
50	(32)	BITSTRING	1	RPLOPT3	OPTION BYTE 3
		1...		RPLEODS	"X'80" END OF USER SYSOUT
		.1..		RPLSFOM	"X'40" SPECIAL FORM ON REMOTE PRINTER
		..1.		RPLBLK	"X'20" BLOCKED UCS DATA CHECKS FIXED BLOCK PROCESSING
		...1		RPLVfy	"X'10" VERIFY UCS/FCB INFORMATION
		.... 1...		RPLFLD	"X'08" LOAD UCS BUFFER IN FOLD MODE
		.... ..1.		RPLFMT	"X'02" FCB LOAD
		.... .11.		RPLFRMT	"X'06" UCS LOAD IF 00
		.... ...1		RPLALIGN	"X'01" ALIGN FCB BUFFER LOADING
50	(32)	X'32'	0	RPLOPT3	VSAM-RLS OPTIONS
		1...		RPLKCL	"X'80" 1(0) KL(NOKL) REQUESTED ON GET UPD
		.1..		RPLRDNRI	"X'40" 1=NO READ CONSISTENCY
		..1.		RPLRDCR	"X'20" 1=CONSISTENT READ
		...1		RPLRDCRE	"X'10" CONSISTENT READ EXPLICIT
		.... 1...		RPLRTYP	"X'08" WITH RTYP1, 10=COLD, 00=LL, 01=NONRLS
		.... .1..		RPLRTIND	"X'04" 1(0) IND(SS) SPECIFIED ON IDARETLK
		.... ..1.		RPLRTYP1	"X'02" SEE RPLRTYP
51	(33)	BITSTRING	1	RPLOPT4	OPTCD BYTE 4
		1...		RPLENDTR	"X'80" 3800 END OF TRANSMISSION (VS1)
		1...		RPLXRBA	"X'80" EXTENDED ADDRESSABILITY PROCESSING IN USE
		.1..		RPLMKFRM	"X'40" 3800 MARK FORM (VS1)
		.1..		RPLGTFA	"X'40" GTF IS ACTIVE FOR VSAM TRACE RECORDS.
		..1.		RPLNOCIR	"X'20" NO CI RECLAIM

Comment

NO MORE THAN ONE OF THE FOLLOWING THREE BITS CAN BE ON.
ONE OF THEM IS SET ONLY WHEN ACBCCANY IS ON AND THE
OPERATION IS INPUT.

End of Comment

...1	RPLCTA	"X'10" RPLCCHAR POINTS TO AN ANSI CONTROL CHARACTER
.... 1...	RPLCTM	"X'08" RPLCCHAR POINTS TO A MACHINE CONTROL CHARACTER
.... .1..	RPLCTO	"X'04" OTHER FORMAT. RPLCCHAR POINTS TO A CODE BYTE THAT IDENTIFIES THE FORMAT. A CODE OF X'5A' MEANS CPDS.

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
EQU X'02' RESERVED FOR VSAM INTERNAL USE					
End of Comment					
52	(34)	ADDRESS	4	RPLNXTRP (0)	POINTER TO NEXT RPL
52	(34)	ADDRESS	4	RPLCHAIN	ALTERNATE NAME FOR RPLNXTRP
56	(38)	ADDRESS	4	RPLRLEN	LENGTH OF RECORD
60	(3C)	ADDRESS	4	RPLBUFL	USER BUFFER LENGTH
64	(40)	BITSTRING	4	RPLOPTC2 (0)	VTAM OPTIONS X03004
64	(40)	BITSTRING	1	RPLOPT5	OPTION BYTE 5 X03004
		1...		RPLDLGIN	"X'80" CONTINUE READING IN SPECIFIC TERMINAL MODE; IF 0, CONTINUE READING IN ANY TERMINAL MODE X03004
		.1..		RPLSSNIN	"X'40" CONTINUE DIALOG WITH THE SAME TERMINAL; IF 0, END DIALOG WITH THAT TERMINAL X03004
		..1.		RPLPSOPT	"X'20" PASS TERMINAL TO REQUESTING APPLICATION; IF 0, MAKE TERMINAL AVAILABLE TO ANY APPLICATION X03004
		...1		RPLNERAS	"X'10" WRITE TO 3270 BUT DO NOT ERASE WHAT IS CURRENTLY DISPLAYED X03004
		.... 1..		RPLEAU	"X'08" WRITE TO 3270 AND ERASE UNPROTECTED FIELDSX03004
		.... .1..		RPLERACE	"X'04" WRITE TO 3270 AND ERASE CURRENT DISPLAY X03004
		.... ..1.		RPLNODE	"X'02" READ FROM ANY TERMINAL; IF 0, READ FROM A SPECIFIC TERMINAL X03004
		.... ...1		RPLWROPT	"X'01" CONVERSATIONAL MODE; IF 0, NON-CONVERSATIONAL MODE X03004
65	(41)	BITSTRING	1	RPLOPT6	OPTION BYTE 6 X03004
		1...		RPLEOB	"X'80" WRITE A BLOCK OF DATA X03004
		.1..		RPLEOM	"X'40" WRITE THE LAST BLOCK OF A MESSAGE X03004
		..1.		RPLEOT	"X'20" WRITE THE LAST BLOCK OF THE TRANSMISSION X03004
		...1		RPLCOND	"X'10" DO NOT STOP OPERATION IF STARTED (USED WITH RESET REQUEST) X03004
		.... 1..		RPLNCOND	"X'08" STOP OPERATION IMMEDIATELY (USED WITH RESET REQUEST) X03004
		.... .1..		RPLLOCK	"X'04" RESET ERROR LOCK TO UNLOCKED STATUS X03004
		.... ..1.		RPLRSV67	"X'02" RESERVED X03004
		.... ...1		RPLRSV68	"X'01" RESERVED X03004
66	(42)	BITSTRING	1	RPLOPT7	OPTION BYTE 7 X03004
		1...		RPLCNALL	"X'80" ALL TERMINALS IN OPNDST LIST MUST BE AVAILABLE BEFORE ANY ARE CONNECTED X03004
		.1..		RPLCNANY	"X'40" CONNECT ANY ONE TERMINAL IN OPNDST LIST X03004
		..1.		RPLCNIMM	"X'20" RESERVED X03004
		...1		RPLQOPT	"X'10" QUEUE THE OPNDST REQUEST IF IT CANNOT BE SATISFIED IMMEDIATELY; IF 0, REJECT THE OPNDST REQUEST IF IT CANNOT BE SATISFIED IMMEDIATELY X03004
		.... 1..		RPLTPOST	"X'08" RPL ALREADY UNDER PSS
		.... .1..		RPLRLSOP	"X'04" SCHEDULE THE RELREQ EXIT OF THE REQUIRED TERMINAL IMMEDIATELY; IF 0, EITHER WAIT FOR THE TERMINAL TO BECOME AVAILABLE OR REJECT THE REQUEST IF THE TERMINAL IS BUSY(DEPENDS ON THE SETTING OF RPLQOPT) X03004
		.... ..1.		RPLTCRNO	"X'02" CLOSE IN PROCESS FOR PO INTERFACE
		.... ...1		RPLRSV78	"X'01" RESERVED X03004

IATYIIW Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
67	(43)	BITSTRING	1	RPOPT8	OPTION BYTE 8 X03004
		1...		RPLODACQ	"X'80" THE APPLICATION REQUIRES A SPECIFIC TERMINAL X03004
		.1..		RPLODACP	"X'40" THE APPLICATION WILL ACCEPT ANY TERMINAL DESIRING LOGON X03004
		..1.		RPLODPRM	"X'20" A SPECIFIC TERMINAL IS TO BE PREEMPTED EVEN THOUGH ANOTHER APPLICATION IS HOLDING IT (TOLTEP ONLY) X03004
		...1		RPLPEND	"X'10" PREEMPT THE TERMINAL AFTER ALL PENDING OPERATIONS ARE COMPLETED (TOLTEP ONLY) X03004
		.... 1..		RPLSESS	"X'08" PREEMPT THE TERMINAL AFTER COMPLETION OF THE CURRENT DIALOG SESSION (TOLTEP ONLY) X03004
		.... .1..		RPLACTV	"X'04" PREEMPT THE TERMINAL IF CONNECTED BUT NOT BUSY (TOLTEP ONLY) X03004
		.... ..1.		RPLUNCON	"X'02" PREEMPT THE TERMINAL IMMEDIATELY (TOLTEP ONLY) X03004
		.... ...1		RPLRSV88	"X'01" RESERVED X03004
64	(40)	BITSTRING	1		VSAM RPL - RESERVED
65	(41)	BITSTRING	1	RPLAIXID	AIX POINTER TYPE
		1...		RPLAXPKP	"X'80" RBA=1/PRIME=0
		.... .1..		RPLKRNQR	"X'04" KEEP RECORD LOCK
		.... ..1.		RPLKENRQ	"X'02" KEEP ESDS LOCK
66	(42)	BITSTRING	2		VSAM RPL - RESERVED
68	(44)	CHARACTER	8	RPLRBAR (0)	RBA RETURN LOCATION
68	(44)	BITSTRING	2	RPLAIXPC	AIX POINTER COUNT
70	(46)	BITSTRING	2		RESERVED
72	(48)	CHARACTER	4	RPLDDDD	RETURN AREA FOR RELATIVE BYTE ADDRESS
76	(4C)	BITSTRING	1	RPLEXTDS (0)	EXIT DEFINITIONS
76	(4C)	BITSTRING	1	RPLEXTD1	ALTERNATE NAME FOR RPLEXTDS X03004
		1...		RPLEXSCH	"X'80" AN EXIT HAS BEEN SCHEDULED X03004
		.1..		RPLNEXIT	"X'40" NO EXIT WAS SPECIFIED X03004
		..1.		RPLEXIT	"X'20" ASYNCH EXIT
		.... 1..		RPLTCRYP	"X'08" IF ON, ENCRYPTION FEATURE REQ
		.... .1..		RPLNIB	"X'04" THE RPLARG FIELD CONTAINS A POINTER TO THE NIB X03004
		.... ..1.		RPLBRANC	"X'02" USE A BRANCH ENTRY TO THE MACRO X03004
77	(4D)	BITSTRING	1	RPLACTIV	ACTIVE INDICATOR - 'X'FF' INDICATES ACTIVE; 'X'00' INDICATES INACTIVE X03004
78	(4E)	SIGNED	2	RPLEMLEN	LENGTH OF THE ERROR MESSAGE AREA
80	(50)	ADDRESS	4	RPLERMSA	POINTER TO THE ERROR MESSAGE AREA EXTENSION
84	(54)	BITSTRING	1	IIWSRPLE (0)	- END OF JESYSMSG RPL
88	(58)	DBL WORD	8	IIWJRPL (0)	- START OF INTERNAL TEXT RPL
88	(58)	BITSTRING	1	(0)	SIZE OF JESYSMSG RPL
164	(A4)	BITSTRING	1	IIWJRPLE (0)	- END OF THE INT TXT RPL

Comment

 ESTAE PARAMETER LIST

ESTAE MF=L

End of Comment

164	(A4)	SIGNED	4	(0)	
164	(A4)	ADDRESS	1	IIWESTAE	FLAGS FOR TCB,PURGE,ASYNCH, AND CANCEL
165	(A5)	ADDRESS	3		FIELD NO LONGER USED
168	(A8)	ADDRESS	4		PARM. LIST ADDR. NOT SPECIFIED
172	(AC)	ADDRESS	4		TCB NOT SPECIFIED
176	(B0)	ADDRESS	1		FLAGS
177	(B1)	ADDRESS	1		THIRD FLAG BYTE
178	(B2)	ADDRESS	2		RESERVED

Offsets

Dec	Hex	Type/Value	Len	Name (Dim)	Description
180	(B4)	ADDRESS	4		TOKEN VALUE AREA
184	(B8)	ADDRESS	4		EXIT ADDR NOT SPECD 2
188	(BC)	SIGNED	4	IIWSELF	- BASE OF IATIII
192	(C0)	SIGNED	4	IIWRETRY	- RETRY ADDRESS FOR ESTAE
196	(C4)	SIGNED	4	IIWVAT	- VAT CHAIN
200	(C8)	SIGNED	4	IIWNEL	- NEL PTR
204	(CC)	SIGNED	4	(0)	
204	(CC)	CHARACTER	12	IIWINPUT (0)	INPUT WORK AREA

Comment

WORK AREA FOR EXPIRATION DATE CALCULATIONS

End of Comment

204	(CC)	CHARACTER	8	DATEWORK (0)	FOR CONVERSION AREA
204	(CC)	CHARACTER	1		
205	(CD)	CHARACTER	3	CRNTDATE (0)	CURRENT DATE IN JFCB FORMAT
205	(CD)	CHARACTER	1	CRNTYR	CURRENT YEAR
206	(CE)	CHARACTER	2	CRNTDAY	JULIAN DAY
208	(D0)	CHARACTER	4		ALIGNED TO END OF DATEWORK
212	(D4)	CHARACTER	3	CALCDATE (0)	CALCULATE NEW DATE AREA
212	(D4)	CHARACTER	1	CALCYEAR	NEW CALCULATED YEAR
213	(D5)	CHARACTER	2	CALCDAYS	NEW CALCULATED DAYS
216	(D8)	SIGNED	4	IIWOUTPT (20)	- OUTPUT WORK AREA
296	(128)	SIGNED	4	IIWJMR (44)	- JMR
472	(1D8)	BITSTRING	56	IIWSJPU	SJF PUTSWB PARAMETER AREA
528	(210)	SIGNED	4	IIWJCT	- PTR TO THE JCT
532	(214)	SIGNED	4	IIWUSER	- PTR TO THE USER EXIT
536	(218)	SIGNED	4	IIWSJPUP	- PTR TO SJF PUTSWB PARM LIST
540	(21C)	SIGNED	4	IIWSWB	- PTR TO SWB CHAIN
544	(220)	SIGNED	4	IIWAUXA	- PTR TO AUXILIARY SJF BUFFER
548	(224)	SIGNED	2	IIWAUXSZ	- SIZE OF AUXILIARY SJF BUFFER
550	(226)	BITSTRING	1	IIWTRAC1	- TRACE OF SJF INVOCATIONS

Comment

DEFINITION OF IIWTRAC1

End of Comment

		1... ..		IIWSJTRR	"X'80" CALL TO SJF FROM RETRY HAS BEEN ATTEMPTED
551	(227)	BITSTRING	1	IIWRSVDV	- RESERVED FOR DEVELOPMENT
552	(228)	SIGNED	4	IIWUSAVE (18)	- USER EXIT SAVE AREA
624	(270)	SIGNED	4	IIWSAVE (18)	- SAVE AREA
696	(2B8)	BITSTRING	1	IIWEXLST (10)	- EXIT LIST FOR EOF OF ACB
708	(2C4)	ADDRESS	4	IIWSWAAD	SWA EPA PTR
712	(2C8)	SIGNED	4	IIWPARM (0)	PARM LIST FOR LOC. SWA MNGR

Comment

SWAREQ MF=L

End of Comment

712	(2C8)	SIGNED	4	(0)	SWA MANAGER PARAMETER LIST
712	(2C8)	ADDRESS	4	EPA@0009	ADDR OF EPA FOR SWA MANAGER
716	(2CC)	ADDRESS	4	FCD@0009	ADDR OF FUNCTION CODE FOR SWA MANAGER
720	(2D0)	SIGNED	4	IIWLMEPA (0)	LOCATE MODE SWA MGR. EX. EPA
720	(2D0)	BITSTRING	1	(0)	
748	(2EC)	SIGNED	4	IIWMMEPA (0)	MOVE MODE SWA MGR. EX. EPA
748	(2EC)	BITSTRING	1	(0)	
764	(2FC)	ADDRESS	4	IIWAMODE	SAVE AREA FOR CALLERS AMODE

IATYIIW Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
768	(300)	SIGNED	4	IIWJSCBP	JSCB ADDRESS SAVE AREA
772	(304)	SIGNED	4	IIWJSQMP	CONTENTS OF JSCBQMPI

Comment

SDUMP PARAMETER LIST

SDUMP SDATA=(PSA,RGN,LPA,TRT,CSA),MF=L \$\$\$\$

End of Comment

776	(308)	SIGNED	4	IIWSDUMP (0)	SDUMP PARAMETER LIST
776	(308)	ADDRESS	1		FLAG BYTE
777	(309)	ADDRESS	1		FLAG BYTE
778	(30A)	ADDRESS	1		FLAG BYTE
779	(30B)	ADDRESS	1		FLAG BYTE
780	(30C)	ADDRESS	4		ADDRESS OF DCB
784	(310)	ADDRESS	4		ADDRESS OF STORAGE LIST
788	(314)	ADDRESS	4		ADDRESS OF USER DATA
792	(318)	ADDRESS	4		ADDRESS OF ECB/SRB
796	(31C)	ADDRESS	2		CURRENT ASID
798	(31E)	ADDRESS	2		OTHER ASID
800	(320)	ADDRESS	4		ADDRESS OF ASID LIST
804	(324)	ADDRESS	4		ADDRESS OF SUMLIST/SUMLSTA LIST
808	(328)	ADDRESS	4		RESERVED
812	(32C)	ADDRESS	4		RESERVED
816	(330)	BITSTRING	1	IIWFLAG	FLAG BYTE

Comment

DEFINITION OF IIWFLAG

End of Comment

		1...		IIWSWABV	"X'80" SWA ABOVE THE LINE INDICATOR
		.1..		IIWINIT	"X'40" SWA INITIALIZATION BIT FOR IIII
		..1.		IIWSWAP	"X'20" NEED TO SWAP FIELDS DUE TO MVS VERSION INCOMPAT.
817	(331)	BITSTRING	7	IIWRSVD	RESERVED FOR DEVELOPMENT
824	(338)	SIGNED	4	IIWRSVS (2)	RESERVED FOR SERVICE
832	(340)	SIGNED	4	IIWRSVU	RESERVED FOR USER
836	(344)	BITSTRING	4	IIWHOLD	TEMP STORAGE AREA FOR IIII
840	(348)	SIGNED	4	IIWORKE (0)	END OF WORK AREA
840	(348)	BITSTRING	0	IIWORKSZ (0)	Size of work area without JCBLOCK user buffer
840	(348)	BITSTRING	1	IIWJCBUB (0)	User buffer for JCBLOCK

IATYIIW Cross Reference

Name

CALCDATE
 CALCDAYS
 CALCYEAR
 CRNTDATE
 CRNTDAY
 CRNTYR
 DATEWORK
 EPA@0009
 FCD@0009
 IFGRPL

Name

IIWAMODE
IIWAUXA
IIWAUXSZ
IIWESTAE
IIWEXLST

IIWFLAG
IIWHOLD
IIWINIT
IIWINPUT
IIWJCBUB

IIWJCT
IIWJMR
IIWJRPL
IIWJRPLE
IIWJSCBP

IIWJSQMP
IIWLMEPA
IIWMMEPA
IIWNAM
IIWNEL

IIWORK
IIWORKE
IIWORKSZ
IIWOUTPT
IIWPARML

IIWRETRY
IIWRSVD
IIWRSVDV
IIWRSVS
IIWRSVU

IIWSAVE
IIWSDUMP
IIWSELF
IWSJPU
IWSJPUP

IWSJTRR
IWSRPL
IWSRPLE
IWSWAAD
IWSWABV

IWSWAP
IWSWB
IIWTRAC1
IIWUSAVE
IIWUSER

IIWVAT
RPLACQRA
RPLACTIV
RPLACTV
RPLADD

RPLADR
RPLAIXID
RPLAIXPC
RPLALIGN
RPLAREA

RPLARG
RPLASY
RPLATND
RPLAXPKP
RPLBLK

IATYIIW Cross Reference

Name

RPLBLKER
RPLBRANC
RPLBUFL
RPLBWD
RPLCBLKE

RPLCCHAR
RPLCHAIN
RPLCHECK
RPLCHNG
RPLCLACB

RPLCLOSE
RPLCMDRT
RPLCMPON
RPLCNALL
RPLCNANY

RPLCNDCD
RPLCNIMM
RPLCNV
RPLCNVTA
RPLCOND

RPLCRID
RPLCTA
RPLCTM
RPLCTO
RPLCUERR

RPLDACB
RPLDAF
RPLDDDD
RPLDEVDC
RPLDIR

RPLDLGFL
RPLDLGIN
RPLDO
RPLDVUNS
RPLEADD

RPLEAU
RPLECB
RPLECBIN
RPLECBSW
RPLEMLN

RPLENDRE
RPLENDTR
RPLEOB
RPLEODS
RPLEOM

RPLEOT
RPLERACE
RPLERASE
RPLERLK
RPLERMSA

RPLERRCD
RPLERREG
RPLEXIT
RPLEXRQ
RPLEXRS

RPLEXSCH
RPLEXTDS
RPLEXTD1
RPLFDBK
RPLFDBWD

Name

RPLFDB2
RPLFDB3
RPLFLD
RPLFMT
RPLFRCIO

RPLFRMT
RPLFUNCD
RPLGEN
RPLGET
RPLGTFA

RPLID
RPLIDD
RPLIDWD
RPLIMPRT
RPLINQIR

RPLINQRC
RPLINTPT
RPLIOERR
RPLJSFMT
RPLKENRQ

RPLKEY
RPLKEYL
RPLKEYLE
RPLKGE
RPLKL

RPLKRNRQ
RPLEN
RPLEN2
RPLLGFR
RPLLMEX

RPLLKADD
RPLLKCD
RPLLKREL
RPLLOC
RPLLOCK

RPLLOGGER
RPLLOGIC
RPLLRD
RPLLUWID
RPLMKFRM

RPLMNTAC
RPLNCOND
RPLNERAS
RPLNEXIT
RPLNGRCC

RPLNIB
RPLNOCIR
RPLNODE
RPLNOERR
RPLNOIN

RPLNOVAS
RPLNSP
RPLNXTRP
RPLDACP
RPLDACP

RPLDPRM
RPLPNDS
RPLOPCD
RPLOPC2
RPLOPTL

IATYIIW Cross Reference

Name

RPLOPT1
RPLOPT2
RPLOPT3
RPLOPT4
RPLOPT5

RPLOPT6
RPLOPT7
RPLOPT8
RPLPEND
RPLPFMTD

RPLPFMTI
RPLPHYER
RPLPHYSC
RPLPLHPT
RPLPOINT

RPLPOST
RPLPSOPT
RPLPURGE
RPLPUT
RPLQOPT

RPLQUI
RPLQUISE
RPLRBAR
RPLRCVCD
RPLRDCR

RPLRDCRE
RPLRDNRI
RPLRDSOH
RPLREAD
RPLRECOV

RPLREOB
RPLREOM
RPLREOT
RPLREQ
RPLRESET

RPLRETLK
RPLREN
RPLRLG
RPLRLSOP
RPLRSRCD

RPLRSV67
RPLRSV68
RPLRSV78
RPLRSV88
RPLRTIND

RPLRTNCD
RPLRTYP
RPLRTYP1
RPLRVCMD
RPLRVID

RPLSAF
RPLSDCMD
RPLSEQ
RPLSESS
RPLSFORM

RPLSKP
RPLSLICT
RPLSMLGO
RPLSNDCD
RPLSPECC

Name

RPLSSCCD
RPLSSNIN
RPLSTAT
RPLSTERM
RPLSTRID

RPLSTSAV
RPLSTYP
RPLSVSAM
RPLSVTAM
RPLSV32

RPLSYERR
RPLS3540
RPLTCBPT
RPLTCLSS
RPLTCRNO

RPLTCRYP
RPLTERM
RPLTIME
RPLTOPNS
RPLTPOST

RPLTREQS
RPLTRMS
RPLUINPT
RPLUNCON
RPLUPD

RPLVABND
RPLVERIF
RPLVERRF
RPLVfy
RPLVTMNA

RPLWAIT
RPLWAITX
RPLWRITE
RPLWROPT
RPLXRBA

SWAEPa
SWAEPAX
SWAMEPAX
SWAMMEPA
SWASGNID

SWASNVA
SWASNZO
SWBLKID
SWBLKPTR
SWBUFPtr

SWCHNPTR
SWLENGTH
SWLNGTH
SWLVERS
SWMVERS

SWPFXLTH
SWPFXPTR
SWQMPA
SWROWVA
SWVA

SWVAFW
SWWRTID
ZB505
ZB506

IATYIJS Information

IATYIJS Programming Interface information

Programming Interface information

IATYIJS

The following fields are **NOT** programming interface information:

- IJSDDSTK
- IJSDFLG9
- IJSKDP
- IJSDSKVL
- IJSDSSEQ
- IJSGPWRK
- IJSNXDSK
- IJSRELPS
- IJSSWA
- IJSTPDSK

End of Programming Interface information

Heading Information • IATYIJS Map

IATYIJS Heading Information

Common Name: INTERMEDIATE JOB SUMMARY TABLE
Macro ID: IATYIJS
DSECT Name: IJSENTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IJS
 Offset: 8
 Length: 4
Storage Attributes: Main Storage: JSAM Buffer
 Auxiliary Storage: JES3 Spool
Size: 164 Bytes
Created by: IATIIPR
Pointed to by: IDDFIJS in IATYIDD
 IDDCIJS in IATYIDD
 IDDLIJS in IATYIDD
Serialization: NONE
Function: Contains data and status flags used by CI to determine a job's resource requirements.

IATYIJS Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IJSSTART	
0	(0)	BITSTRING	6	IJSTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	IJSCNT	USER COUNT.
8	(8)	CHARACTER	4	IJSID	FILE ID.
12	(C)	BITSTRING	12	IJSCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	IJSVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	IJSDATA (0)	START OF USER DATA AREA.
28	(1C)	SIGNED	2	IJSFIXL	SIZE OF IJS SUM HDR FIXED
30	(1E)	SIGNED	2	IJSLOWE	LOW ENTRY NUMBER
32	(20)	SIGNED	2	IJSHIGHE	HIGH ENTRY NUMBER

Comment

 DEFINITION OF IJSHFLG1

End of Comment

34	(22)	BITSTRING	1	IJSHFLG1	IJS HEADER FLAG1
35	(23)	BITSTRING	1	IJSVERSN	VERSION NUMBER

Comment

 DEFINITION OF IJSVERSN

End of Comment

35	(23)	X'1' .... ...1	0	IJSCURVN	"IJSSP312" CURRENT IJS VERSIION
				IJSSP312	"X'01" IJS IS AT A JES3 SP312 LEVEL
36	(24)	SIGNED	4	IJSFEND (0)	END OF IJS TABLE HEADER
36	(24)	BITSTRING	1	IJSFSIZ (0)	FIXED SIZE OF IJS HEADER

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IJSENTRY	
0	(0)	SIGNED	2	IJSVARL	SIZE OF THIS IJS ENTRY

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- DEFINITION OF IJSENTID -----					
End of Comment					
2	(2)	BITSTRING	1	IJSENTID	STEP ENTRY ID
2	(2)	X'0'	0	IJSNULL	"0" NULL ENTRY
2	(2)	X'4'	0	IJSSTEP	"4" STEP ENTRY
2	(2)	X'8'	0	IJSDD	"8" DD ENTRY
2	(2)	X'10'	0	IJSULIST	"16" UNITNAME LIST ENTRY
		1111 .111		IJSEOB	"X'F7" END OF BUFFER
		1111 1111		IJSEOF	"X'FF" END OF ENTIRE IJS
3	(3)	BITSTRING	1	IJSSTPNO	STEP NUMBER
4	(4)	SIGNED	4	IJSSWA	SWA ADDR/TTR OF SCT OR SIOT
8	(8)	SIGNED	2	IJSDDNXT	REL IJS OF NEXT IJS ENTRY
10	(A)	SIGNED	2	IJSSNXT	REL NMBR OF NEXT STEP ENTRY
12	(C)	SIGNED	2	IJSJST	JST REL ENTRY NUMBER
14	(E)	SIGNED	2	IJSRSDV1	RESERVED FOR DEVELOPMENT
16	(10)	CHARACTER	8	IJSSTNM	STEP NAME
24	(18)	CHARACTER	8	IJSRPNM	PROC STEP NAME
32	(20)	SIGNED	2	IJSTPDSK	HEAD OF 1ST DATA SET STACK
----- DEFINITION OF IJSSFLG1 -----					
End of Comment					
34	(22)	BITSTRING	1	IJSSFLG1	IJS STEP FLAG1
		1... ..		IJSDSSTK	"X'80" THE SMS DATA SET STACKING EXIT WAS INVOKED FOR THIS STEP.
----- IJS DD ENTRY -----					
End of Comment					
0	(0)	SIGNED	2		IJSVARL SIZE OF THIS IJS ENTRY
2	(2)	BITSTRING	1		IJSENTID DD ENTRY ID
3	(3)	BITSTRING	1		IJSSTPNO STEP NUMBER
4	(4)	SIGNED	4		IJSSWA SWA ADDR/TTR OF SCT OR SIOT
8	(8)	SIGNED	2		IJSDDNXT REL IJS OF NEXT IJS ENTRY
10	(A)	SIGNED	2	IJSRPN	IJSSNXT RELATIVE POSITION NUMBER
12	(C)	SIGNED	2		IJSJST JST REL ENTRY NUMBER
14	(E)	SIGNED	2	IJSLVSGA	IJSRSDV1 RELATIVE LVS NO. OF GDG-ALL LVS WHEN A NEW GENERATION IS CREATED AND SPECIFIES VOL=REF TO A CATALOGED DATASET. IJSLVS CONTAINS THE LVS NO. FOR THE VOL=REF
16	(10)	CHARACTER	8	IJSDDNM	IJSSTNM DD NAME
24	(18)	CHARACTER	8	IJSTYPE	IJSRPNM DEVICE TYPE FROM UNIT PARM
32	(20)	CHARACTER	8	IJSDSNQ	DATA SET NAME QUALIFIER
40	(28)	SIGNED	2	IJSVREF	REL IJS FOR VOL=REF=
42	(2A)	SIGNED	2	IJSUAFF	REL IJS FOR UNIT=AFF=
44	(2C)	SIGNED	2	IJSJVT	JVT REL ENTRY NUMBER
46	(2E)	SIGNED	2	IJSRELPS	RELATIVE POSITION OF THIS IJS ENTRY
48	(30)	SIGNED	2	IJSLVS	LVS REL ENTRY NUMBER FOR DD
50	(32)	SIGNED	2	IJSLVSC	LVS REL ENTRY NUMBER FOR CAT
52	(34)	SIGNED	2	IJSNUMUN	NUMBER OF UNITS REQUESTED
54	(36)	SIGNED	2	IJSNOVLS	COUNT OF VOLUMES SPECIFIED
56	(38)	SIGNED	2	IJSNOJVT	COUNT OF VOLUMES IN JVT
58	(3A)	SIGNED	2	IJSVOLCT	VOLCOUNT OF MAX VOLS

IATYIJS Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
60	(3C)	SIGNED	2	IJSVLSEQ	VOLUME SEQUENCE NUMBER
62	(3E)	SIGNED	2	IJSDSSEQ	DATA SET SEQUENCE NUMBER
64	(40)	CHARACTER	1	IJSLABEL	A=AL,B=BLP,N=NL,S=SL,X=NSL

Comment

 DEFINITION OF IJSDFLG1 - SUBSET OF JSTDFLG1

End of Comment

65	(41)	BITSTRING	1	IJSDFLG1	FLAG 1
65	(41)	X'80'	0	IJSTA	"JSTTA" TAPE DEVICE
65	(41)	X'40'	0	IJSDA	"JSTDA" DIRECT ACCESS DEVICE
65	(41)	X'20'	0	IJSUR	"JSTUR" UNIT RECORD DEVICE
65	(41)	X'10'	0	IJSGR	"JSTGR" GRAPHIC DEVICE
65	(41)	X'8'	0	IJSMS	"JSTMS" MSS DEVICE

Comment

 DEFINITION OF IJSDFLG2 - SUBSET OF JSTDFLG2

End of Comment

66	(42)	BITSTRING	1	IJSDFLG2	FLAG 2
66	(42)	X'80'	0	IJSOLD	"JSTOLD" DISP=OLD
66	(42)	X'40'	0	IJSNEW	"JSTNEW" DISP=NEW
66	(42)	X'20'	0	IJSSHR	"JSTSHR" DISP=SHR
66	(42)	X'10'	0	IJSMOD	"JSTMOD" DISP=MOD
66	(42)	X'8'	0	IJSDEFER	"JSTDEFER" UNIT=(,DEFER) SPECIFIED
66	(42)	X'4'	0	IJSRING	"JSTRING" RING REQUIRED IF TAPE
66	(42)	X'2'	0	IJSMSMS	"JSTSMS" DATA SET IS SMS MANAGED

Comment

 DEFINITION OF IJSDFLG3 - SUBSET OF JSTDFLG3

End of Comment

67	(43)	BITSTRING	1	IJSDFLG3	FLAG 3
67	(43)	X'40'	0	IJSDMD	"JSTDMD" DEMAND ALLOCATION
67	(43)	X'20'	0	IJSSCR	"JSTSCR" SCRATCH VOLUME REQUIRED

Comment

 DEFINITION OF IJSDFLG4: \$\$\$\$
 SETUNIT TYPE FOR RESOLUTION OF \$\$\$\$
 DEMAND ALLOCATION OVERRIDES. \$\$\$\$

End of Comment

68	(44)	BITSTRING	1	IJSDFLG4	SETUNIT TYPE FLAG \$\$\$\$
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Comment

 DEFINITION OF IJSDFLG5

End of Comment

69	(45)	BITSTRING	1	IJSDFLG5	FLAG 5
		1... ..		IJSDDUM	"X'80" DUMMY IJS ENTRY

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.1..		IJSRMR	"X'40" PERM RES VOL ON DD
		..1.		IJSMSVGP	"X'20" 'MSVGP=' SPECIFIED
		...1		IJSGDALL	"X'10" POTENTIAL GDG-ALL
		.... 1...		IJSUNCAT	"X'08" DATASET TO BE LOCATED HAS BEEN UNCATALOGED
		.... .1..		IJSLOCPR	"X'04" IAT4401 ALREADY PRINTED.
		.... ..1.		IJSLCGDG	"X'02" GDGALL VIA LOCATE ONLY.
		.... ...1		IJSLCUAF	"X'01" DD WHICH REQUIRES LOCATE PROCESSING FOUND IN UNIT AFFINITY CHAIN. PRESCAN SHOULD BYPASS SECONDARY UNIT AFFINITY PROCESSING FOR THE REMAINING DD'S IN THE UNIT AFFINITY CHAIN.

Comment

 DEFINITION OF IJSDFLG6

End of Comment

70	(46)	BITSTRING	1	IJSDFLG6	FLAG 6
		1...		IJSDUNAF	"X'80" UNIT=AFF=DD SPECIFIED
		.1..		IJSDVRDD	"X'40" VOL=REF=DD SPECIFIED
		..1.		IJSDVRDS	"X'20" VOL=REF=DSN SPECIFIED
		...1		IJSDAFFD	"X'10" UNIT AFF TO THIS DD
		.... 1...		IJSRDEL	"X'08" DATA SET HAS BEEN DELETED 0305 IN A PREVIOUS STEP 0305
		.... .1..		IJSCRDEL	"X'04" DATA SET IS DELETED OR 0305 UNPASSED BY THIS DD 0305
		.... ..1.		IJSVRPAS	"X'02" PASSED DATASET
		.... ...1		IJSDFLG6	"X'01" PARALLEL MOUNT REQUEST

Comment

 DEFINITION OF IJSDFLG7

End of Comment

71	(47)	BITSTRING	1	IJSDFLG7	FLAG 7
		1...		IJSDPCAT	"X'80" POTENTIAL CATLG REQUEST
		.1..		IJSDISAM	"X'40" DSORG=IS SPECIFIED
		..1.		IJSDCCAT	"X'20" CONCATENATED DD REQ
		...1		IJSDGDSN	"X'10" GENERATED DSN
		.... 1...		IJSDJOBL	"X'08" JOBLIB DD REQUEST
		.... .1..		IJSDJST	"X'04" JOBCAT/STEPREQ REQUEST
		.... ..1.		IJSDCATC	"X'02" CONCATENATED PRIV CATLG
		.... ...1		IJSDGDGS	"X'01" GDG SINGLE REQUEST

Comment

 DEFINITION OF IJSDFLG8

End of Comment

72	(48)	BITSTRING	1	IJSDFLG8	FLAG 8
		1...		IJSDNOSC	"X'80" NON-SCR VOLS PRESENT
		.1..		IJSDNODL	"X'40" NO DELETE (KEEP MSG ONLY)
		..1.		IJSDSPR	"X'20" PROCESSED DATA SET
		...1		IJSJOB	"X'10" JOBCAT DD
		.... 1...		IJSDEFUN	"X'08" THE UNIT TYPE FOR THIS ENTRY IS A DEFAULT THAT WAS SUPPLIED BY SMS IDAX.
		.... .1..		IJSLCGND	"X'04" LOCATE GENERATED ENTRY
		.... ..1.		IJSRPRV	"X'02" PRIVATE WAS SPECIFIED

IATYIJS Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... ...1		IJSDALL	"X'01" SBSEQNT SCRTCH DSK OK
73	(49)	BITSTRING	1	IJSDSIZE (0)	LENGTH OF DSNAME
73	(49)	CHARACTER	45	IJSDSNAM	DATASET NAME
118	(76)	SIGNED	2	IJS2UNAF	RELATIVE IJS NUMBER FOR SECONDARY UNIT AFFINITY PROCESSING THIS CHAIN REPRESENTS DD'S WHICH HAVE SPECIFIED UNIT AFFINITY TO ANOTHER DD BUT WHOSE DEVICE TYPES ARE NOT COMPATIBLE WITH THE PRIMARY DD (THE INNERMOST DD THAT DOES NOT CONTAIN A UNIT AFFINITY REQUEST TO ANOTHER DD). WHEN ANOTHER DD SPECIFIES UNIT AFFINITY TO THIS DD AND NEEDS AN INCOMPATIBLE DEVICE TYPE, THE 2NDARY UNIT AFFINITY CHAIN STARTING WITH THE PRIMARY DD'S IJS IS SEARCHED TO DETERMINE IF ANOTHER IJS EXISTS WITH A COMPATIBLE DEVICE TYPE. IF SO, A UNIT AFFINITY IS CREATED WITH THE NEW IJS.
120	(78)	BITSTRING	1	IJSMEDIA	MEDIA TYPE OF REQUEST
121	(79)	BITSTRING	2	IJSDRSV2	RESERVED FOR SERVICE

Comment

 DEFINITION OF IJSDFLG9

End of Comment

123	(7B)	BITSTRING	1	IJSDFLG9	FLAG 9
		1...		IJSSMSMM	"X'80" SMS MANAGED MOUNTABLE
		.1..		IJSURORD	"X'40" UNIT AFFINITY WAS INVALID. THE AFF'ING DD HAS TO USE THE UNIT ON THE AFF'D DD OR AN EDTINFO DEFAULT.
		..1.		IJSCATUN	"X'20" UNIT NAME CAME FROM THE CATALOG
		...1		IJSAFOLD	"X'10" THIS REQUEST (OR ONE THAT IT REFERENCES) SPECIFIES UNIT AFFINITY TO A REQUEST IN WHICH DISP IS NOT NEW
		.... 1...		IJSUASSI	"X'08" SMS UNIT AFF SSI INVOKED
		.... .1..		IJSLIST	"X'04" THERE'S A UNIT NAME LIST FOR THIS ENTRY
		.... ..1.		IJSSMSHN	"X'02" SMSHONOR JCL KEYWORD SPEC'D
		.... ...1		IJD9R01	"X'01" RESERVED FOR SERVICE

Comment

 THIS IS A GENERAL PURPOSE WORK FIELD. THIS COMMENT SHOULD BE UPDATED WHEN THERE IS A NEW USE.
 CURRENT USES:

- - IATIIP0X
 - USES THE FIELD TO SAVE THE VALUE OF THE UNIT PARAMETER ON THE DD STATEMENT WHEN THE DATA SET IN THE DD IS CATALOGED AND SMS MANAGED. THIS IS DONE SO THAT IF A DD UNIT AFF'S BACK TO THIS DD, THE UNIT IN THE JCL CAN BE USED, INSTEAD OF THE SMS CATALOG UNIT.

End of Comment

124	(7C)	CHARACTER	8	IJSGPWRK	GENERAL PURPOSE WORK FIELD
132	(84)	ADDRESS	4	IJSP0TGD	TEMPORARY CHAIN OF NEW GDG SINGLE DATA SETS. BUILT AND DELETED BY IATIIP0.
136	(88)	SIGNED	2	IJSNXDSK	NEXT DATA SET STACK
138	(8A)	SIGNED	2	IJSDDSTK	NEXT DD ON THE CURRENT DATA SET STACK.
140	(8C)	CHARACTER	8	IJSSMSUT	SMS MANAGED MOUNTABLE UNIT NAME
148	(94)	SIGNED	2	IJSDSKVL	ENTRY NUMBER IN VOLUME SERIAL TABLE

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
150	(96)	SIGNED	2	IJSDSKDP	RELATIVE DISPLACEMENT FROM TOP OF VOLUME SERIAL TABLE
152	(98)	SIGNED	2	IJSIMUAF	SPECIFIED AFF'D DD'S IJS ID
154	(9A)	SIGNED	2	IJSLSTEN	INDEX OF UNITNAME LIST ENTRY
156	(9C)	BITSTRING	8	IJSTRSV3	RESERVED FOR DEVELOPMENT

Comment

IJS MANAGED MOUNTABLE UNIT LIST ENTRY

End of Comment

0	(0)	SIGNED	2		IJSVARL SIZE OF THIS IJS ENTRY
2	(2)	BITSTRING	1		IJSENTID UNIT LIST ENTRY ID
3	(3)	BITSTRING	1		IJSSTPNO STEP NUMBER
4	(4)	SIGNED	4		IJSSWA INDEX OF DD ENTRY
8	(8)	SIGNED	2		IJSDDNXT REL IJS OF NEXT IJS ENTRY
10	(A)	SIGNED	2	IJLSNXT	IJSSNXT NEXT LIST ENTRY FOR DD

Comment

 THE FOLLOWING NAME/FLAG FIELDS ARE REPEATED FOR EACH UNITNAME IN THE LIST ENTRY. IF THERE ARE MORE NAMES THAN WILL FIT IN AN ENTRY, ADDITIONAL ENTRIES WILL BE CREATED.

End of Comment

12	(C)	CHARACTER	8	IJSULNAM	UNIT NAME
20	(14)	CHARACTER	1	IJSULFL1	FLAG
		1...		IJSULAST	"X'80" LAST UNIT NAME FOR REQUEST
		.1...		IJSELAST	"X'40" LAST UNIT NAME IN THIS UNIT NAME LIST ENTRY
21	(15)	CHARACTER	1	IJSULFL2	FLAG
22	(16)	SIGNED	2	IJSELEND (0)	END OF NAME AND ASSOC FLAGS
22	(16)	BITSTRING	0	IJSLSIZE (0)	LENGTH OF NAME/FLAGS
164	(A4)	SIGNED	4	IJSVEND (0)	END OF FULL ENTRY
164	(A4)	BITSTRING	1	IJSVSIZ (0)	SIZE OF FULL ENTRY

IATYIJS Cross Reference

Name

- IJSAFOLD
- IJSCATUN
- IJSCHN
- IJSCNT
- IJSCRDEL
- IJSCURVN
- IJSDA
- IJSDAFFD
- IJSDALL
- IJSDATA
- IJSDCATC
- IJSDCCAT
- IJSDD
- IJSDDNM
- IJSDDNXT
- IJSDDSTK
- IJSDDUM
- IJSDEFER
- IJSDEFUN
- IJSDFLG1

IATYIJS Cross Reference

Name

IJSDFLG2
IJSDFLG3
IJSDFLG4
IJSDFLG5
IJSDFLG6

IJSDFLG7
IJSDFLG8
IJSDFLG9
IJSDGDGS
IJSDGDSN

IJSDISAM
IJSJJOBL
IJSJJSCT
IJSJMD
IJSJNODL

IJSJNOSC
IJSJPAR
IJSJPCAT
IJSJRSV2
IJSJSIZE

IJSJSDKP
IJSJSKVL
IJSJSNAM
IJSJSNQ
IJSJSPR

IJSJSSEQ
IJSJSSTK
IJSJUNAF
IJSJVRDD
IJSJVRDS

IJSJ9R01
IJSJSELAST
IJSJSENTID
IJSJENTRY
IJSJSEOB

IJSJEOF
IJSJFEND
IJSJFIXL
IJSJFSIZ
IJSJGDALL

IJSJGPWRK
IJSJGR
IJSJSHFLG1
IJSJSHIGHE
IJSJSID

IJSJSIMUAF
IJSJSJOBC
IJSJSJST
IJSJSJVT
IJSJSLABEL

IJSJSLCGDG
IJSJSLCGND
IJSJSLCUAF
IJSJSLEND
IJSJSLIST

IJSJLOCPR
IJSJLOWE
IJSJLSIZE
IJSJLSNXT
IJSJLSTEN

Name

IJSLVS
IJSLVSC
IJSLVSGA
IJSMEDIA
IJSMOD

IJSMS
IJSMSVGP
IJSNEW
IJSNOJVT
IJSNOVLS

IJSNULL
IJSNUMUN
IJSNXDSK
IJSOLD
IJSRDEL

IJSRIV
IJSRMRMRS
IJSRNM
IJSRPTGD
IJSRELPS

IJSRING
IJSRPN
IJSRSVD1
IJSSCR
IJSFLG1

IJSshr
IJSMS
IJSMSHN
IJSMSMM
IJSMSUT

IJSNXT
IJS312
IJSSTART
IJSSTEP
IJSSTNM

IJSSTPNO
IJSWA
IJSTA
IJSSTPDSK
IJSSTRK

IJSSTRSV3
IJSSTYPE
IJSUAFF
IJSUASSI
IJSULAST

IJSULFL1
IJSULFL2
IJSULIST
IJSULNAM
IJSUNCAT

IJSUR
IJSURORD
IJSVARL
IJSVEND
IJSVERSN

IJSVLID
IJSVLSEQ
IJSVOLCT
IJSVREF
IJSVRPAS

IATYIJS Cross Reference

Name

IJSVSIZ
IJS2UNAF

IATYIMCL Information

IATYIMCL Heading Information

Common Name: Intermediate CLASS record
Macro ID: IATYIMCL
DSECT Name: IMCLSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: WLM
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: Any
 Auxiliary Storage: JES3 Spool
 Subpool: 0
 Key: 0
Size: IMCLSIZE bytes
Created by: IATINCL
Pointed to by: None
Serialization: None
Function: This macro maps the spooled intermediate text from the CLASS initialization statement.

IATYIMCL Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IMCSTART	

Comment					

<p>Fields in this table initialized to values other than 0 contain the initialized value in spooled records in previous releases of JES3. Do not use these fields. If IATINCL code is changed to use any of them, IATINM2 will incorrectly think that IATINCL set these values according to some initialization parameter, but this is not necessarily true. The value could just have been residual from a previous release's initialized copy of the spool record.</p>					

End of Comment					
0	(0)	CHARACTER	8	IMCNAME	Job class name
8	(8)	SIGNED	2	IMCTLCNT	Count of TLIMITs
10	(A)	SIGNED	2	IMCMLCNT	Count of MLIMITs
12	(C)	SIGNED	2	IMCMLMN	Count of mains with MLIMITs
14	(E)	BITSTRING	1	IMCRSV01	Reserved for development
15	(F)	BITSTRING	1	IMCRSV02	Reserved for development
16	(10)	BITSTRING	1	IMCRSV03	Reserved for development
17	(11)	BITSTRING	1	IMCSDEPT	Maximum allowed in SETUP
18	(12)	BITSTRING	1	IMCTDEPT	Maximum allowed executing
19	(13)	BITSTRING	1		Maps to MCCPTYPE, do not use
20	(14)	BITSTRING	1	IMCIORAT	Job I/O rate
21	(15)	BITSTRING	1	IMCPRTY	Job priority
22	(16)	BITSTRING	1	IMCFAIL	Job FAILURE option
23	(17)	BITSTRING	1		Reserved - do not use
24	(18)	BITSTRING	1	IMCRSV04	Reserved for development
25	(19)	BITSTRING	1	IMCLSPHH	SPIN hour or interval
26	(1A)	BITSTRING	1	IMCLSPMM	SPIN minute or interval
27	(1B)	BITSTRING	1	IMCOPTFL	Class options flag, same as MCOPTFLG in IATYMCL
28	(1C)	BITSTRING	1	IMCFLAG2	Flag byte 2, same as MCFLAG2 in IATYMCL
29	(1D)	BITSTRING	1	IMCLSTRR	LSTOR reduction ratio
30	(1E)	SIGNED	2	IMCRESU1	Reserved for user
32	(20)	SIGNED	4		These fields map to areas on

IATYIMCL Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
36	(24)	SIGNED	4		spool records that contain FF's in earlier releases. Do not use these fields. If these fields are used their settings will be incorrectly recognized.
40	(28)	BITSTRING	1	IMCCISFL	CI Scheduling flag byte Same as MCCISFLG in IATYMCL
41	(29)	BITSTRING	1	IMCINFLG	Class table initialization flags, same as MCINFLG in IATYMCL
42	(2A)	SIGNED	2	IMCRSV09	Reserved for development
44	(2C)	CHARACTER	8	IMCSPNM	Spool partition name
52	(34)	SIGNED	2	IMCSPLNI	SPIN line interval
54	(36)	BITSTRING	1	IMCSTRG1	Primary TRKGRP allocation
55	(37)	BITSTRING	1	IMCSTRG2	Secondary TRKGRP Allocation
56	(38)	SIGNED	4	IMCRSVS2	Reserved for service
60	(3C)	SIGNED	4	IMCRESU2	Reserved for user
64	(40)	CHARACTER	8	IMCGNAME	Job class group name
72	(48)	SIGNED	4	IMCEND (0)	End of spooled record
72	(48)	X'48'	0	IMCSIZE	"IMCEND-IMCSTART" Size of spooled record

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	MDTABLE	
0	(0)	CHARACTER	8	MDCNAME	Class defining the entry
8	(8)	CHARACTER	8	MDMNAME	Main processor name
16	(10)	CHARACTER	1	MDMDEPTH	Class depth value on main

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	MLTABLE	
0	(0)	CHARACTER	8	MLCCNAME	Class defining the entry
8	(8)	CHARACTER	8	MLMNAME	Main processor name
16	(10)	CHARACTER	8	MLCNAME	Limiting class name
24	(18)	CHARACTER	1	MLLIMIT	Maximum allowed executing jobs in the limiting class
25	(19)	BITSTRING	1	MLEND (0)	End of table
25	(19)	BITSTRING	1	MLSIZE (0)	Size of table

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	MCSTABLE	
0	(0)	CHARACTER	8	MCCNAME	Class defining the entry
8	(8)	CHARACTER	9	MCMNAME	System name

Comment

IATYIMCL already generated

End of Comment

IATYIMCL Cross Reference**Name**

IMCCISFL
IMCEND
IMCFAIL
IMCFLAG2
IMCGNAME

IMCINFLG
IMCIORAT
IMCLSPHH
IMCLSPMM
IMCLSTRR

IMCMLCNT
IMCMLMN
IMCNAME
IMCOPTFL
IMCPRTY

IMCRESU1
IMCRESU2
IMCRSVS2
IMCRSV01
IMCRSV02

IMCRSV03
IMCRSV04
IMCRSV09
IMCSDEPT
IMCSIZE

IMCSPLNI
IMCSPNM
IMCSTART
IMCSTRG1
IMCSTRG2

IMCTDEPT
IMCTLCNT
MCCNAME
MCMNAME
MCSTABLE

MDCNAME
MDMDEPTH
MDMNAME
MDTABLE
MLCCNAME

MLCNAME
MLEND
MLLIMIT
MLMNAME
MLSIZE
MLTABLE

IATYINC Information

IATYINC Heading Information

Common Name: Intermediate Console Status Table
Macro ID: IATYINC
DSECT Name: IATYINC --Intermediate Console Table
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: YINC
 Offset: 0
 Length: 4
 Language: PL/X
Storage Attributes: Main Storage: 39
 Virtual Storage: 39
 Auxiliary Storage: 39
 Subpool: N/A
 Key: 1
 Data Space: N/A
 Residency: any Frequency: one per remote console
Size: 39
Created by: IATINC1
Pointed to by: Spool ID Entries INTCORID
Serialization: none
Function: Contains the information required to build the remote consoles during JES3 initialization.

IATYINC Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYINC	IATYINC.270: Intermediate Console Table
0	(0)	CHARACTER	4	INCEYE	IATYINC.93: Control Block Eyecatcher
4	(4)	SIGNED	4	INCVERS	IATYINC.99: Control Block Version
8	(8)	SIGNED	2	INCLEN	IATYINC.146: Length of the intermediate console table entry
10	(A)	CHARACTER	8	CNDDNAME	IATYINC.105: Console Name
18	(12)	CHARACTER	17	CNROUTE (0)	IATYINC.117: Route code mask
18	(12)	CHARACTER	17	RC_MASK (0)	JESDCONS.373: Route code mask with the additional JES3 routing attributes
18	(12)	CHARACTER	1	RC_MASK_BYTE_1 (0)	JESDCONS.1320: Route code mask byte 1
		1...		RC1	"X'80" JESDCONS.231: Route code 1
		.1..		RC2	"X'40" JESDCONS.237: Route code 2
		..1.		RC3	"X'20" JESDCONS.243: Route code 3
		...1		RC4	"X'10" JESDCONS.313: Route code 4
		.... 1...		RC5	"X'08" JESDCONS.319: Route code 5
		.... .1..		RC6	"X'04" JESDCONS.383: Route code 6
		.... ..1.		RC7	"X'02" JESDCONS.389: Route code 7
		.... ...1		RC8	"X'01" JESDCONS.395: Route code 8
19	(13)	CHARACTER	1	RC_MASK_BYTE_2 (0)	JESDCONS.1426: Route code mask byte 1
		1...		RC9	"X'80" JESDCONS.401: Route code 9
		.1..		RC10	"X'40" JESDCONS.407: Route code 10
		..1.		RC11	"X'20" JESDCONS.413: Route code 11
		...1		RC12	"X'10" JESDCONS.419: Route code 12
		.... 1...		RC13	"X'08" JESDCONS.425: Route code 13
		.... .1..		RC14	"X'04" JESDCONS.431: Route code 14
		.... ..1.		RC15	"X'02" JESDCONS.437: Route code 15
		.... ...1		RC16	"X'01" JESDCONS.443: Route code 16
20	(14)	CHARACTER	1	RC_MASK_BYTE_3 (0)	JESDCONS.1430: Route code mask byte 1
		1...		RC17	"X'80" JESDCONS.449: Route code 17

IATYINC Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.1..		RC18	"X'40" JESDCONS.455: Route code 18
		..1.		RC19	"X'20" JESDCONS.461: Route code 19
		...1		RC20	"X'10" JESDCONS.467: Route code 20
		.... 1...		RC21	"X'08" JESDCONS.473: Route code 21
		.... .1..		RC22	"X'04" JESDCONS.479: Route code 22
		.... ..1.		RC23	"X'02" JESDCONS.485: Route code 23
		.... ...1		RC24	"X'01" JESDCONS.491: Route code 24
21	(15)	CHARACTER	1	RC_MASK_BYTE_4 (0)	JESDCONS.1437: Route code mask byte 1
		1...		RC25	"X'80" JESDCONS.497: Route code 25
		.1..		RC26	"X'40" JESDCONS.503: Route code 26
		..1.		RC27	"X'20" JESDCONS.509: Route code 27
		...1		RC28	"X'10" JESDCONS.515: Route code 28
		.... 1...		RC29	"X'08" JESDCONS.521: Route code 29
		.... .1..		RC30	"X'04" JESDCONS.527: Route code 30
		.... ..1.		RC31	"X'02" JESDCONS.533: Route code 31
		.... ...1		RC32	"X'01" JESDCONS.539: Route code 32
22	(16)	CHARACTER	1	RC_MASK_BYTE_5 (0)	JESDCONS.1443: Route code mask byte 1
		1...		RC33	"X'80" JESDCONS.545: Route code 33
		.1..		RC34	"X'40" JESDCONS.551: Route code 34
		..1.		RC35	"X'20" JESDCONS.557: Route code 35
		...1		RC36	"X'10" JESDCONS.563: Route code 36
		.... 1...		RC37	"X'08" JESDCONS.569: Route code 37
		.... .1..		RC38	"X'04" JESDCONS.575: Route code 38
		.... ..1.		RC39	"X'02" JESDCONS.581: Route code 39
		.... ...1		RC40	"X'01" JESDCONS.587: Route code 40
23	(17)	CHARACTER	1	RC_MASK_BYTE_6 (0)	JESDCONS.1449: Route code mask byte 1
		1...		RC41	"X'80" JESDCONS.593: Route code 41
		.1..		RC42	"X'40" JESDCONS.599: Route code 42
		..1.		RC43	"X'20" JESDCONS.605: Route code 43
		...1		RC44	"X'10" JESDCONS.611: Route code 44
		.... 1...		RC45	"X'08" JESDCONS.617: Route code 45
		.... .1..		RC46	"X'04" JESDCONS.623: Route code 46
		.... ..1.		RC47	"X'02" JESDCONS.629: Route code 47
		.... ...1		RC48	"X'01" JESDCONS.635: Route code 48
24	(18)	CHARACTER	1	RC_MASK_BYTE_7 (0)	JESDCONS.1455: Route code mask byte 1
		1...		RC49	"X'80" JESDCONS.641: Route code 49
		.1..		RC50	"X'40" JESDCONS.647: Route code 50
		..1.		RC51	"X'20" JESDCONS.653: Route code 51
		...1		RC52	"X'10" JESDCONS.659: Route code 52
		.... 1...		RC53	"X'08" JESDCONS.665: Route code 53
		.... .1..		RC54	"X'04" JESDCONS.671: Route code 54
		.... ..1.		RC55	"X'02" JESDCONS.677: Route code 55
		.... ...1		RC56	"X'01" JESDCONS.683: Route code 56
25	(19)	CHARACTER	1	RC_MASK_BYTE_8 (0)	JESDCONS.1461: Route code mask byte 1
		1...		RC57	"X'80" JESDCONS.689: Route code 57
		.1..		RC58	"X'40" JESDCONS.695: Route code 58
		..1.		RC59	"X'20" JESDCONS.701: Route code 59
		...1		RC60	"X'10" JESDCONS.707: Route code 60
		.... 1...		RC61	"X'08" JESDCONS.713: Route code 61
		.... .1..		RC62	"X'04" JESDCONS.719: Route code 62
		.... ..1.		RC63	"X'02" JESDCONS.725: Route code 63
		.... ...1		RC64	"X'01" JESDCONS.731: Route code 64
26	(1A)	CHARACTER	1	RC_MASK_BYTE_9 (0)	JESDCONS.1467: Route code mask byte 1

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		1... ..		RC65	"X'80" JESDCONS.737: Route code 65
		.1.. ..		RC66	"X'40" JESDCONS.743: Route code 66
		..1.		RC67	"X'20" JESDCONS.749: Route code 67
		...1		RC68	"X'10" JESDCONS.755: Route code 68
		.... 1...		RC69	"X'08" JESDCONS.761: Route code 69
		.... .1..		RC70	"X'04" JESDCONS.767: Route code 70
		.... ..1.		RC71	"X'02" JESDCONS.773: Route code 71
		.... ...1		RC72	"X'01" JESDCONS.779: Route code 72
27	(1B)	CHARACTER	1	RC_MASK_BYTE_10 (0)	JESDCONS.1473: Route code mask byte 10
		1... ..		RC73	"X'80" JESDCONS.785: Route code 73
		.1.. ..		RC74	"X'40" JESDCONS.791: Route code 74
		..1.		RC75	"X'20" JESDCONS.797: Route code 75
		...1		RC76	"X'10" JESDCONS.803: Route code 76
		.... 1...		RC77	"X'08" JESDCONS.809: Route code 77
		.... .1..		RC78	"X'04" JESDCONS.815: Route code 78
		.... ..1.		RC79	"X'02" JESDCONS.821: Route code 79
		.... ...1		RC80	"X'01" JESDCONS.827: Route code 80
28	(1C)	CHARACTER	1	RC_MASK_BYTE_11 (0)	JESDCONS.1479: Route code mask byte 11
		1... ..		RC81	"X'80" JESDCONS.833: Route code 81
		.1.. ..		RC82	"X'40" JESDCONS.839: Route code 82
		..1.		RC83	"X'20" JESDCONS.845: Route code 83
		...1		RC84	"X'10" JESDCONS.851: Route code 84
		.... 1...		RC85	"X'08" JESDCONS.857: Route code 85
		.... .1..		RC86	"X'04" JESDCONS.863: Route code 86
		.... ..1.		RC87	"X'02" JESDCONS.869: Route code 87
		.... ...1		RC88	"X'01" JESDCONS.875: Route code 88
29	(1D)	CHARACTER	1	RC_MASK_BYTE_12 (0)	JESDCONS.1485: Route code mask byte 12
		1... ..		RC89	"X'80" JESDCONS.881: Route code 89
		.1.. ..		RC90	"X'40" JESDCONS.887: Route code 90
		..1.		RC91	"X'20" JESDCONS.893: Route code 91
		...1		RC92	"X'10" JESDCONS.899: Route code 92
		.... 1...		RC93	"X'08" JESDCONS.905: Route code 93
		.... .1..		RC94	"X'04" JESDCONS.911: Route code 94
		.... ..1.		RC95	"X'02" JESDCONS.917: Route code 95
		.... ...1		RC96	"X'01" JESDCONS.923: Route code 96
30	(1E)	CHARACTER	1	RC_MASK_BYTE_13 (0)	JESDCONS.1491: Route code mask byte 13
		1... ..		RC97	"X'80" JESDCONS.929: Route code 97
		.1.. ..		RC98	"X'40" JESDCONS.935: Route code 98
		..1.		RC99	"X'20" JESDCONS.941: Route code 99
		...1		RC100	"X'10" JESDCONS.947: Route code 100
		.... 1...		RC101	"X'08" JESDCONS.953: Route code 101
		.... .1..		RC102	"X'04" JESDCONS.959: Route code 102
		.... ..1.		RC103	"X'02" JESDCONS.965: Route code 103
		.... ...1		RC104	"X'01" JESDCONS.971: Route code 104
31	(1F)	CHARACTER	1	RC_MASK_BYTE_14 (0)	JESDCONS.1497: Route code mask byte 14
		1... ..		RC105	"X'80" JESDCONS.977: Route code 105
		.1.. ..		RC106	"X'40" JESDCONS.983: Route code 106
		..1.		RC107	"X'20" JESDCONS.989: Route code 107
		...1		RC108	"X'10" JESDCONS.995: Route code 108
		.... 1...		RC109	"X'08" JESDCONS.1001: Route code 109
		.... .1..		RC110	"X'04" JESDCONS.1007: Route code 110
		.... ..1.		RC111	"X'02" JESDCONS.1013: Route code 111
		.... ...1		RC112	"X'01" JESDCONS.1019: Route code 112
32	(20)	CHARACTER	1	RC_MASK_BYTE_15 (0)	

IATYINC Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		1...		RC113	JESDCONS.1503: Route code mask byte 15
		.1..		RC114	"X'80" JESDCONS.1025: Route code 113
		..1.		RC115	"X'40" JESDCONS.1031: Route code 114
		...1		RC116	"X'20" JESDCONS.1037: Route code 115
		.... 1...		RC117	"X'10" JESDCONS.1043: Route code 116
		.... .1..		RC118	"X'08" JESDCONS.1049: Route code 117
		.... ..1.		RC119	"X'04" JESDCONS.1055: Route code 118
		.... ...1		RC120	"X'02" JESDCONS.1061: Route code 119
33	(21)	CHARACTER	1	RC_MASK_BYTE_16 (0)	"X'01" JESDCONS.1067: Route code 120
		1...		RC121	JESDCONS.1509: Route code mask byte 16
		.1..		RC122	"X'80" JESDCONS.1073: Route code 121
		..1.		RC123	"X'40" JESDCONS.1079: Route code 122
		...1		RC124	"X'20" JESDCONS.1085: Route code 123
		.... 1...		RC125	"X'10" JESDCONS.1091: Route code 124
		.... .1..		RC126	"X'08" JESDCONS.1097: Route code 125
		.... ..1.		RC127	"X'04" JESDCONS.1103: Route code 126
		.... ...1		RC128	"X'02" JESDCONS.1109: Route code 127
34	(22)	CHARACTER	1	RC_MASK_BYTE_17 (0)	"X'01" JESDCONS.1115: Route code 128
		1...		BROADCAST	JESDCONS.1515: Route code mask byte 17
		.1..		HARDCOPY	"X'80" JESDCONS.1121: Broadcast
35	(23)	BITSTRING	1	CNLEVEL	"X'40" JESDCONS.1127: HARDCOPY LOG
36	(24)	BITSTRING	1	CNLEN	IATYINC.123: Console Authority Level
37	(25)	BITSTRING	1	FLAG1 (0)	IATYINC.140: Console Line Length
		1...		INCF1R80	IATYINC.129: Flag byte
		.1..		JES3ONLY	"X'80" IATYINC.347: Reserved for IBM
		..1.		SAVEMSG	"X'40" IATYINC.353: The console is a JES3 only console
		...1		INCF1R10	"X'20" IATYINC.359: Messages should be saved while the workstation is logged off
		.... 1...		INCF1R08	"X'10" IATYINC.193: Reserved for IBM
		.... .1..		INCF1R04	"X'08" IATYINC.245: Reserved for IBM
		.... ..1.		INCF1R02	"X'04" IATYINC.199: Reserved for IBM
		.... ...1		INCF1R01	"X'02" IATYINC.198: Reserved for IBM
38	(26)	BITSTRING	1	CNTYPE (0)	"X'01" IATYINC.114: Reserved for IBM
		1...		RJP	IATYINC.204: Type of console
38	(26)	X'1'	0	INC313	"X'80" IATYINC.210: TYPE=RJP console
38	(26)	X'2'	0	INC521	"1" IATYINC.301: Equate for HJS3313
39	(27)	X'27'	0	IATYINC_LEN	"2" IATYINC.310: Equate for HJS5521
					** -IATYINC"

IATYINC Cross Reference

Name

BROADCAST
 CNDDNAME
 CNLEVEL
 CNLLEN
 CNROUTE
 CNTYPE
 FLAG1
 HARDCOPY
 IATYINC
 IATYINC_LEN
 INCEYE
 INCF1R01
 INCF1R02
 INCF1R04
 INCF1R08

Name

INCF1R10
INCF1R80
INCLN
INCVERS
INC313

INC521
JES3ONLY
RC_MASK
RC_MASK_BYTE_1

RC_MASK_BYTE_10

RC_MASK_BYTE_11

RC_MASK_BYTE_12

RC_MASK_BYTE_13

RC_MASK_BYTE_14

RC_MASK_BYTE_15

RC_MASK_BYTE_16

RC_MASK_BYTE_17

RC_MASK_BYTE_2

RC_MASK_BYTE_3

RC_MASK_BYTE_4

RC_MASK_BYTE_5

RC_MASK_BYTE_6

RC_MASK_BYTE_7

RC_MASK_BYTE_8

RC_MASK_BYTE_9

RC1
RC10
RC100
RC101
RC102
RC103
RC104
RC105
RC106
RC107
RC108
RC109
RC11
RC110
RC111
RC112
RC113
RC114

IATYINC Cross Reference

Name

RC115
RC116
RC117
RC118
RC119

RC12
RC120
RC121
RC122
RC123

RC124
RC125
RC126
RC127
RC128

RC13
RC14
RC15
RC16
RC17

RC18
RC19
RC2
RC20
RC21

RC22
RC23
RC24
RC25
RC26

RC27
RC28
RC29
RC3
RC30

RC31
RC32
RC33
RC34
RC35

RC36
RC37
RC38
RC39
RC4

RC40
RC41
RC42
RC43
RC44

RC45
RC46
RC47
RC48
RC49

RC5
RC50
RC51
RC52
RC53

Name

RC54
RC55
RC56
RC57
RC58

RC59
RC6
RC60
RC61
RC62

RC63
RC64
RC65
RC66
RC67

RC68
RC69
RC7
RC70
RC71

RC72
RC73
RC74
RC75
RC76

RC77
RC78
RC79
RC8
RC80

RC81
RC82
RC83
RC84
RC85

RC86
RC87
RC88
RC89
RC9

RC90
RC91
RC92
RC93
RC94

RC95
RC96
RC97
RC98
RC99

RJP
SAVEMSG

IATYINM Information

IATYINM Heading Information

Common Name: INTERMEDIATE JES3 MESSAGE ROUTING TABLE
Macro ID: IATYINM
DSECT Name: INMSTART, INMENTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: Main Name
 Offset: INMNAME
 Length: 8
Storage Attributes: Main Storage: N/A
 Auxiliary Storage: SPOOL
Size: INMFSIZE (for INMSTART)
 INMESIZE (for INMENTRY)
Created by: IATINC1
Pointed to by: SPOOL ID ENTRY INTMSGID
Serialization: None
Function: Maps an intermediate copy of the MSGROUTE tables on spool. This table is used across JES3 restarts.

IATYINM Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	INMSTART	
0	(0)	CHARACTER	8	INMNAME	- MAIN PROCESSOR IDENTIFIER
0	(0)	X'8'	0	INMFEND	*** END OF FIXED SECTION
0	(0)	X'8'	0	INMFSIZE	"INMFEND-INMSTART" SIZE OF FIXED SECTION

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	INMENTRY	
0	(0)	CHARACTER	8	INMCON	MCS Console Name
8	(8)	BITSTRING	17	INMROUT	Route Code Mask
25	(19)	BITSTRING	1	INMFLAG	- FLAG BYTE
25	(19)	X'1A'	0	INMEND	*** END OF ENTRY
25	(19)	X'1A'	0	INMESIZE	"INMEND-INMENTRY" ENTRY SIZE
26	(1A)	CHARACTER	1	INMREST (127)	ENTRIES FOR ROUT CODES 2-127
26	(1A)	X'D08'	0	INMTSIZE	"(INMFSIZE+(128*INMESIZE))" TOTAL TABLE SIZE *

_____ Comment _____

 DEFINITION OF INMFLAG

 _____ End of Comment _____
 1... INMREPLC "X'80" - Route code equivalent of the destination class associated with this MSGROUTE statement should replace message's route codes

IATYINM Cross Reference

IATYINM Cross Reference

Name

INMCON
INMEND
INMENTRY
INMESIZE
INMFEND
INMFLAG
INMFSIZE
INMNAME
INMREPLC
INMREST
INMROUT
INMSTART
INMFSIZE

IATYINM4 Information

IATYINM4 Heading Information

Common Name: IATINM4 Vector Table
Macro ID: IATYINM4
DSECT Name: None
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Auxiliary Storage: N/A
 Subpool: 0
Size: INM4SIZE
Created by: Resident within IATINM4 and any module that calls the routines has a resident copy.
Pointed to by: Modules with a resident copy
Serialization: NONE
Function: Maps the subroutines of IATINM4 callable by other initialization modules.

IATYINM4 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	ADDRESS	4	INM4STRT (0)	Marks start of area
0	(0)	ADDRESS	4	FINDCONS	Console dest find routine
4	(4)	ADDRESS	4	SETMNID	Receive area setup routine
8	(8)	ADDRESS	4	FIXGPRTY	Group priority routine
12	(C)	ADDRESS	4	LOADMAIN	Main module load routine
16	(10)	ADDRESS	4	CSAVER	CSA table verify routine
Comment					

End of data area.					

End of Comment					
16	(10)	X'14'	0	INM4END	*** End of IATYINM4
16	(10)	X'14'	0	INM4SIZE	"INM4END-INM4STRT" Size of IATYINM4

IATYINM4 Map

IATYINT Information

IATYINT Programming Interface information

Programming Interface information

IATYINT

The following fields are **NOT** programming interface information:

- *0008
- *0029
- *0029
- *0029
- ACDRDRTN
- ICARDRD
- ICONVBIN
- ICONVHEX
- IINEOF2
- INITBSES
- INITERTN
- INITMWLE
- INITSVBS
- INOMAIN
- INTBTCAD
- INTBTRAD
- INTCFGAD
- INTCFGTK
- INTCSITX
- INTCSRAD
- INTCTADR
- INTDEJOB
- INTDSTAD
- INTDVSAD
- INTDYCPY
- INTFSADR
- INTICLEN
- INTICOMT
- INTICPAD
- INTIDVS
- INTIICAD
- INTINPIN
- INTINPTM
- INTJELAD
- INTJELEN
- INTLCPFD
- INTLGRTN
- INTLGTOK
- INTLUJCT
- INTMCNDB
- INTMDADR
- INTOLIFD
- INTOLJBT
- INTPKADR
- INTRBADR
- INTSETID
- INTSPCAD
- INTSPRAD
- INTSPRID
- INTSTNID
- INTTFCAD
- INTVOLAD
- INTWSADR
- IPURGE
- ISCAN1
- ISCAN2
- ISORT
- ITREAD
- ITWRITE
- IVALFDB
- IWASPOUT
- REG8SAVE

End of Programming Interface information

Heading Information • IATYINT Map

IATYINT Heading Information

Common Name: Data CSECT for Initialization Routines
Macro ID: IATYINT
DSECT Name: IATINDT, INTGB, INTPMTAB
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IATINDT (IATINDT)
 Offset: '48'X
 Length: 8
Storage Attributes: Subpool: 251
 Key: JES key
 Residency: Below 16M
Size: INTLNGTH (for ABCSTART),
 INTGBLEN (for INTGB),
 INTPMLN3 (for INTPMTAB)
 INTXDSIZ (for INTXDSTR) *0149
Created by: IATINIT as IATINDT
Pointed to by: AINTDATA in IATYTVT
 R13 in Initialization
Serialization: None
Function: Data CSECT used for initialization routines

IATYINT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	FDBSTART	
Comment					

WARNING					
THE OFFSETS BETWEEN FDBSTART AND FDBFREND MUST NOT					
BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON					
SOME JES3 MODULES.					

End of Comment					
0	(0)	SIGNED	4	FDBDATA (0)	- BUFFER ADDRESS OF DATA
0	(0)	BITSTRING	6	FDBSPADR (0)	- M.R SPOOL REC ADDR OF DATA
0	(0)	BITSTRING	2	FDBSPMOD	- MODULE NUMBER OF SPOOL EXTENT
2	(2)	BITSTRING	4	FDBSPREC	- RECORD NUMBER OF DATA
4	(4)	BITSTRING	2	FDBNOADR	Gas
6	(6)	BITSTRING	1	FDBFLAG0 (0)	SINGLE RECORD AND ERROR FLAGS
Comment					

DEFINITION OF FDBFLAG0: SINGLE-RECORD AND ERROR FLAGS					

End of Comment					
	1111	....		FDBERFLG	"X'F0" I/O ERROR FLAGS.
	1..1	....		FDBDKFRR	"X'90" PROGRAM CHECK IN IATDMDK.
	1... ..	....		FDBRECOV	"X'80" SUCCESSFUL ERROR RECOVERY OCCURRED
	.111	....		FDBJBTER	"X'70" ERROR READING THE JBT OCCURRED
	.11.	....		FDBCHKPT	"X'60" FIRST/LAST TRACK ADDR CHANGE
	.1.1	....		FDBF0RS1	"X'50" RESERVED FLAG.
	.1.. ..	....		FDBERROR	"X'40" UNCORRECTABLE I/O ERROR OCCURRED
	..11	....		FDBTAERR	"X'30" DISK ADDRESS NOT VERIFY.
	..1.	....		FDBIOERR	"X'20" I/O ERROR RECOVERY IN PROGRESS
	...1	....		FDBROTERR	"X'10" ERROR OCCURRED ON ROOT I/O.

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
FOLLOWING FOUR FLAGS ARE FOR SINGLE RECORD FILES ONLY					
End of Comment					
		.... 1...		FDBNOPUT	"X'08" WRITE WITHOUT PUTBUF
		.... .1..		FDBOLD	"X'04" OLD SINGLE RECORD FILE
		.... .1.		FDBJBAT	"X'02" INDICATES FDB IS A JBAT FDB
		.... ...1		FDBFCTPM	"X'01" PARAMETERS IN FCT
6	(6)	BITSTRING	1	FDBPRTY	FDB PRTY (BITS 0-3) DURING OPEN (overlaps FDBFLAG0) 12190S5A
7	(7)	BITSTRING	1	FDBFLAGS	FLAGS COMMON TO SINGLE/MULT 1
Comment					
----- DEFINITION OF FDBFLAGS: SINGLE- & MULTIPLE-RECORD FILES -----					
End of Comment					
		1...		FDBECF	"X'80" - I/O EVENT COMPLETION.
		.1..		FDBMNTAT	"X'40" Single track allocation used (spool space belongs to JES3 or job 0 rather than a JOBTAT or DSTAT)
		..1.		FDBINPUT	"X'20" - INPUT/OUTPUT FILE (INPUT IF ON).
		...1		FDBCLOSE	"X'10" - OPEN/CLOSED FLAG (CLOSED IF ON).
		.... 1..		FDBMULT	"X'08" - SINGLE/MULTIPLE FILE (MULT IF ON).
		.... .1..		FDBSRV1	"X'04" - RESERVED.
		.... .1.		FDBWCHLK	"X'02" - WRTCHAIN ROOT FDB LOCK FLAG.
		.... ...1		FDBSRV2	"X'01" - RESERVED.
8	(8)	BITSTRING	1	FDBSPFL1	- FLAGS FOR SPOOL DATA MGMT
Comment					
----- DEFINITION OF FDBSPFL1: SINGLE- & MULTIPLE-RECORD FILES -----					
End of Comment					
		1...		FDBONSP	"X'80" - FDB CONTAINS A SPOOL ADDRESS
		.1..		FDBIOIP	"X'40" - I/O IN-PROGRESS INDICATOR
		..1.		FDBCSBTR	"X'20" CSBT USED TO READ CH. SRF 0440
		...1		FDBCSBTW	"X'10" USE CSBT TO WRITE CHAINED SRF
		.... 1..		FDBCSBTL	"X'08" USE CSBT TO RELEASE CHAINED SRF
		.... .1..		FDBCSBTJ	"X'04" USE CSBT FOR THIS JESREAD 0440
9	(9)	BITSTRING	1	FDBFLGR2	- RESERVED FOR SERVICE
10	(A)	SIGNED	2	FDBRSVD1	- RESERVED FOR DEVELOPMENT
12	(C)	BITSTRING	1	FDBSREND (0)	END OF SINGLE REC FILE FDB
12	(C)	X'C'	0	FDBSRFL	"FDBSREND-FDBSTART" LENGTH OF AN SRF FDB
12	(C)	SIGNED	2	FDBFREND (0)	END OF FDB FROZEN SECTION

IATYINT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

WARNING					
THE OFFSETS BETWEEN FDBSTART AND FDBFREND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON SOME JES3 MODULES.					

END OF SINGLE RECORD FILE FDB					

THE FOLLOWING FIELDS ARE FOR MULTI-RECORD FILE FDBS (EXISTS IF THE FLAG FDBMULT IS ON IN FDBFLAGS)					

End of Comment					
12	(C)	BITSTRING	1	FDBFLAG1	- FLAGS FOR MULTIPLE RECORD FILES.
Comment					

DEFINITION OF FDBFLAG1: MULTIPLE-RECORD FILES					

End of Comment					
		1... ..		FDBOCLSE	"X'80" - CLOSE OF FILE INITIATED.
		.1.. ..		FDBFDATA	"X'40" - FIRST DATA BUFFER FLAG.
		..1. ..		FDBDATCH	"X'20" - DATA BUFFER CHAIN FLAG.
		...1 ..		FDBSPLIT	"X'10" - DATA IS SPLIT BETWEEN TWO BUFFERS.
		.... 1..		FDBEND	"X'08" - FILE IS BEING OPENED AT ITS END.
		.... .1..		FDBPOINT	"X'04" - POINT IS IN PROGRESS.
		.... ..1.		FDBF102	"X'02" - Reserved for IBM
		.... ...1		FDBPNTIN	"X'01" - APOINT HAS TYPE=IN AS PARAMETER.
13	(D)	BITSTRING	1	FDBFLAG2	- FLAGS FOR MULTIPLE RECORD FILES.
Comment					

DEFINITION OF FDBFLAG2: MULTIPLE-RECORD FILES					

End of Comment					
		1... ..		FDBLSTIO	"X'80" - SET LAST I/O REQUEST STARTED.
		.1.. ..		FDBALLIO	"X'40" - SET WHEN LAST DATA BUFFER WRITTEN.
		..1. ..		FDBLOCAT	"X'20" - SET WHEN AN ALOCATE IS DONE.
		...1 ..		FDBNDATA	"X'10" ON = NO DATA IN FILE
		.... 1..		FDBODEOD	"X'08" RECOVER FROM NO EOD ON OPEND
		.... .1..		FDBSKIP	"X'04" SKIP RECORD IF READ I/O ERROR
		.... ..1.		FDBMAC	"X'02" MACHINE CARRIAGE CONTROL
		.... ...1		FDBASA	"X'01" ASA CARRIAGE CONTROL FOR DS
14	(E)	BITSTRING	1	FDBFLAG3	- FLAGS FOR MULTI-RECORD FILES
Comment					

DEFINITION OF FDBFLAG3: MULTIPLE-RECORD FILES					

End of Comment					
		1... ..		FDBOPTCD	"X'80" - OPTCD = J SPECIFIED
		.1.. ..		FDBIOCNG	"X'40" - I/O COUNT ERROR DETECTED
		..1.		FDBTMSTP	"X'20" - DATCCX includes time stamp 12190S5A
15	(F)	BITSTRING	1	FDBFLGR4	- RESERVED FOR SERVICE

Offsets

Dec	Hex	Type/Value	Len	Name (Dim)	Description
16	(10)	BITSTRING	1	FDBIOCNT	- NUMBER OF I/O REQUESTS OUTSTANDING.
17	(11)	BITSTRING	1	FDBERCNT	- NUMBER OF I/O ERRORS NOT CORRECTED.
18	(12)	SIGNED	2	FDBRL	- ROOM LEFT IN DATA BUFFER.
20	(14)	SIGNED	4	FDBBPTR	- CURRENT BUFFER POINTER.
24	(18)	BITSTRING	6	FDBOPEND (0)	- SPOOL ADR OF LAST DATA BUFFER
24	(18)	BITSTRING	2	FDBMODN2	- MOD NO OF LAST SPOOL EXTENT
26	(1A)	BITSTRING	4	FDBRECN2	- REC NO OF LAST SPOOL DATA
30	(1E)	SIGNED	2	FDBRSFLD	RESERVED FOR DEVELOPMENT

Comment

 END OF MULTI-RECORD FILE FDB

End of Comment

32	(20)	BITSTRING	1	FDBMREND (0)	END OF MULTI-RECORD FILE FDB
32	(20)	X'20'	0	FDBMRFL	"FDBMREND-FDBSTART" LENGTH OF AN MRF FDB

Comment

 JOB/DATASET TAT FDB EXTENSION
 (EXISTS IF THE FLAG FDBJBTAT IS ON IN FDBFLAG0)

End of Comment

12	(C)	SIGNED	4	FDBJBTEX (0)	START OF TAT FDB EXTENSION
----	-----	--------	---	--------------	----------------------------

Comment

 RETURN PARAMETERS FROM TRACK GROUP ALLOCATION

End of Comment

12	(C)	SIGNED	2	FDBRECCT	- NUMBER OF AVAILABLE RECORDS
14	(E)	BITSTRING	6	FDBJTSPA (0)	- AVAILABLE RECORD ADDRESS
14	(E)	BITSTRING	2	FDBJTSPM	- MODULE NUMBER
16	(10)	BITSTRING	4	FDBJTSPR	- RECORD NUMBER

Comment

End of Comment

20	(14)	SIGNED	4	FDBVALID	- VALIDATION FIELD FOR FILE
24	(18)	SIGNED	2	FDBSPNDX	- JOB'S SPOOL PARTITION INDEX
26	(1A)	BITSTRING	1	FDBJTFLG	- JOB/DATASET TAT STATUS FLAGS

Comment

 DEFINITION OF FDBJTFLG: JOB/DATASET TAT STATUS FLAGS

End of Comment

		1... ..		FDBJTBIT	"X'80" - TRACK ALLOCATION SUSPENDED
		.1.. ..		FBDSTAT	"X'40" - DATA SET TAT
		..1.		FDBJIOER	"X'20" - IOERR POST REQUIRED
		...1		FDBRRERQ	"X'10" - JSAM POST REQUIRED (RRE ALLOC)
		.... 1...		FDBJTOFL	"X'08" - JSAM POST REQUIRED (JBT OVFLW)
		.... .1..		FDBRABDU	"X'04" - FDB IN USE FOR RAB DESTROY
		.... ..1.		FDBJTERR	"X'02" - RAB REFRESH ERROR
27	(1B)	BITSTRING	1	FDBJTRSV	- RESERVED FOR DEVELOPMENT

IATYINT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				

 END OF THE TAT FDB EXTENSION

End of Comment					
28	(1C)	BITSTRING	1	FDBJTEND (0)	END OF THE JBT FDB EXTENSION
28	(1C)	X'10'	0	FDBJBTXL	"FDBJTEND-FDBJBTXL" LENGTH OF JBT FDB EXTENSION
28	(1C)	X'1C'	0	FDBJBTL	"FDBSRFL+FDBJBTXL" LENGTH OF A TAT FDB

 IATYREG REGISTER EQUIVALENTS 0
 REGISTER EQUIVALENTS

01 Change Activity:
 \$RC= SP110 HJS6601 950410 PD0VW: SP1.1.0 SHOWHDR RUN

 GENERAL PURPOSE REGISTERS

End of Comment					
28	(1C)	X'0'	0	R0	"0"
28	(1C)	X'1'	0	R1	"1"
28	(1C)	X'2'	0	R2	"2"
28	(1C)	X'3'	0	R3	"3"
28	(1C)	X'4'	0	R4	"4"
28	(1C)	X'5'	0	R5	"5"
28	(1C)	X'6'	0	R6	"6"
28	(1C)	X'7'	0	R7	"7"
28	(1C)	X'8'	0	R8	"8"
28	(1C)	X'9'	0	R9	"9"
28	(1C)	X'A'	0	R10	"10"
28	(1C)	X'B'	0	R11	"11"
28	(1C)	X'C'	0	R12	"12"
28	(1C)	X'D'	0	R13	"13"
28	(1C)	X'E'	0	R14	"14"
28	(1C)	X'F'	0	R15	"15"

 ACCESS REGISTERS

End of Comment					
28	(1C)	X'0'	0	AR0	"0"
28	(1C)	X'1'	0	AR1	"1"
28	(1C)	X'2'	0	AR2	"2"
28	(1C)	X'3'	0	AR3	"3"
28	(1C)	X'4'	0	AR4	"4"
28	(1C)	X'5'	0	AR5	"5"
28	(1C)	X'6'	0	AR6	"6"
28	(1C)	X'7'	0	AR7	"7"
28	(1C)	X'8'	0	AR8	"8"
28	(1C)	X'9'	0	AR9	"9"
28	(1C)	X'A'	0	AR10	"10"
28	(1C)	X'B'	0	AR11	"11"
28	(1C)	X'C'	0	AR12	"12"
28	(1C)	X'D'	0	AR13	"13"
28	(1C)	X'E'	0	AR14	"14"
28	(1C)	X'F'	0	AR15	"15"

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATGRVT	
0	(0)	X'0'	0	TVTABEL	"IATGRVT" 0041

Comment

WARNING

THE OFFSETS FOR THE FIELDS DEFINED BETWEEN TVTABLE AND TVTFREND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON SOME JES3 MODULES.

End of Comment

Comment

JES3 MODULE ENTRY POINT IDENTIFIER

01 Change Activity:

\$SV=TCPNJEB HJS7730 050629 PDORF: z 1.8.0

End of Comment

0	(0)	CHARACTER	8	TVTID	MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM
36	(24)	ADDRESS	2	TVTLNGTH	TVTABEL length 0041
40	(28)	SIGNED	4	TVTINDAT (2)	IATINIT DATE JES3 STARTED - 0CYYDDDF
40	(28)	X'2C'	0	TVTINTIM	"TVTINDAT+4" IATINIT TIME JES3 STARTED - HHMSSTH

Comment

LOCATED
SYMBOL OP ENTRY IN COMMENT
MODULE

End of Comment

48	(30)	ADDRESS	4	FCTTOP	"V(FCTTOP)" IATGRPT FIRST FCT ENTRY
52	(34)	ADDRESS	4	AINTDATA	SET BY IATINIT POINTER TO INISH DATA CSECT
56	(38)	ADDRESS	4	ASPECB	IATINIO ADDR OF JES3 MASTER ECB
60	(3C)	ADDRESS	4	AWAITP	"V(AWAITX)" IATGRCT MFM AWAIT PROCESSING
64	(40)	ADDRESS	4	ASAVE	"V(ASAVEYES)" IATGRSV ASAVE PROCESSING
68	(44)	ADDRESS	4	ARETNAD	"V(ASARETRN)" IATGRSV ARETURN ENTRY POINT
72	(48)	ADDRESS	4	JESTAE	SET BY IATABMN JESTAE
76	(4C)	ADDRESS	4	FAILDSP	SET BY IATABMN FAIL A DSP
80	(50)	ADDRESS	4	TVTXBPL	"V(IATXBPL)" IATGRQC BUILD CELL POOL ROUTINE
84	(54)	ADDRESS	4	TVTXGCL	"V(IATXGCL)" IATGRQC GET CELL POOL ROUTINE
88	(58)	ADDRESS	4	TVTXRCL	"V(IATXRCL)" IATGRQC RELEASE CELL POOL ROUTINE
92	(5C)	ADDRESS	4	TVTXDPL	"V(IATXDPL)" IATGRQC DELETE CELL POOL ROUTINE
96	(60)	ADDRESS	4	TVTXCNDB	"V(IATCNDB)" IATCNDB PROCESS CNDB CONTROL BLOCKS

Comment

The IATYVTX macro is expanded in IATGRVTX for IATNUC and IATNUCI and it is expanded in IATGRVXF for IATNUCF.

End of Comment

100	(64)	ADDRESS	4	TVTFTVT	"V(IATGRVTX)" Address of TVTX module
104	(68)	ADDRESS	4	TVTCTVT	"V(IATGRVTC)" IATGRVTC TVT CHECKPOINTED EXTENSION

IATYINT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
108	(6C)	BITSTRING	4	TVTHOBOF	USED TO TURN OFF HIGH ORD BIT
112	(70)	SIGNED	4	TVTRD005	Reserved for development
116	(74)	ADDRESS	4	TVTCSF	"V(GRGSNTRY)" IATGRGS CALL SUBTASK FUNCTION RTN
120	(78)	ADDRESS	4	ANJECNSQ	- PTR TO NJE CONSOLE QUEUES
124	(7C)	ADDRESS	4	TVTGROCO	"V(IATGROCO)" IATGROCO INVOKE NON-SOURCE ROUTINES 0059
128	(80)	ADDRESS	4	TVTCNMLW	"V(CNRNMLWO)" IATCNRN IATXMLWO SERVICE ROUTINE
132	(84)	ADDRESS	4	AGETMAIN	"V(GETMAINX)" IATGRGM GETMAIN
136	(88)	ADDRESS	4	APUTMAIN	"V(PUTMAINX)" IATGRGM FREEMAIN
140	(8C)	ADDRESS	4	ATIME	"V(TMATIME)" IATGRM TIMER SERVICES
144	(90)	ADDRESS	4	MESSAGE	"V(IATCNO)" IATCNO MESSAGE FROM DSP
148	(94)	ADDRESS	4	TVTSSVT	SET BY IATINIT ADDR SSVT
152	(98)	ADDRESS	4	ACONSBCB	SET BY IATINC2 CONSOLE BUFFER CONTROL BLOCK
156	(9C)	BITSTRING	1	JESPOOL	USED BY AGETPUTM FOR DEFAULT SUBPOOL
157	(9D)	BITSTRING	1	ACONTIME	CONSOLES INITIALIZATION FLAG
		1... ..		INITCMP	"X'80" INITIALIZATION IS COMPLETE
		.1... ..		INCNCMP	"X'40" IATINC2 COMPLETE
		..1... ..		ACONRS20	"X'20" Reserved flag
		...1... ..		ACONRS10	"X'10" Reserved flag
		.... 1... ..		RJPCPOST	"X'08" JESXCF posting RJPCONS
		.... .1.. ..		RJPCTIME	"X'04" Timer pop posting RJPCONS
158	(9E)	BITSTRING	1	TVTRDFR1	RESERVED FOR DEVELOPMENT 0012
159	(9F)	BITSTRING	1	TVRSTFLG	JES3 Start flag 0012
		1... ..		COLDSTRT	"X'80" JES3 is cold starting 0012
		.1... ..		WARMSTRT	"X'40" JES3 is warm starting 0012
		..1... ..		HOTSTRT	"X'20" This address space is hot 0012 starting (JES3) or is an 0012 FSS 0012
		...1... ..		ANALYZE	"X'10" Queue analysis required 0012
		.... 1... ..		DSIACTV	"X'08" DSI active 0012
		.... .1.. ..		CPUIPL	"X'04" This CPU was IPLed before 0012 JES3 was started 0012
		.... ..1.. ..		TVTREFRS	"X'02" A refresh is being done 0012 Valid only when HOTSTRT 0012 is also on (i.e. a hot 0012 start with refresh is 0012 being performed). 0012 0012
		.... ...1 ..		TVTSPREP	"X'01" WR or WAR type restart 0012
160	(A0)	ADDRESS	4	RJPTAB	SET BY IATINR2 RESIDENT RJP TABLE
164	(A4)	ADDRESS	4	SRJPRTRM	SET BY IATINWS FIRST SNA WORKSTAT ENTRY
168	(A8)	ADDRESS	4	RJPRTERM	SET BY IATINR2 1ST TERM ENTRY IN RESTABL 0012
172	(AC)	SIGNED	4	TVTRDFR2	RESERVED FOR DEVELOPMENT

Comment

 The following 3 fields (TVTENWRK, TVTENCTL, TVTENFRW)
 must be contiguous since CDS logic is used to serialize
 access to the queue of IATOSNF subtask work areas.

End of Comment

176	(B0)	DBL WORD	8	TVTENWRK (0)	Queue of available work areas for IATOSNF subtask
176	(B0)	SIGNED	4	TVTENCTL	Queue control word
180	(B4)	ADDRESS	4	TVTENFRW	Address of 1st free element
184	(B8)	SIGNED	4	TVTRS00F (6)	RESERVED FOR SERVICE
208	(D0)	SIGNED	2	TVTFREND (0)	END OF TVT FROZEN SECTION

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
WARNING					
THE OFFSETS FOR THE FIELDS DEFINED BETWEEN TVTABLE AND TVTFREND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON SOME JES3 MODULES.					
----- SYSTEM TABLE POINTERS -----					
'IATGRVT(F)' = 'IATGRVT + IATGRVTF'					
End of Comment					
208	(D0)	ADDRESS	4	ADLTABLE	SET BY IATINGN DEADLINE TABLE
212	(D4)	ADDRESS	4	TVTTOKEN	SET BY IATINIT PTR TO J3/UTOKEN STRUCTURE
216	(D8)	ADDRESS	4	DSQLOC	SET BY IATINIT DESTINATION ROUTING TABLE
220	(DC)	ADDRESS	4	DSPDIC	"V(DSPDICT)" IATGRPT DSP DICTIONARY
224	(E0)	ADDRESS	4	EFTOP	ENDING FUNCTION CHAIN
228	(E4)	ADDRESS	4	FCTACTIV	SET BY IATGRCT ACTIVE FCT 1
232	(E8)	ADDRESS	4	JNCBTOP	DJC JNCB CHAIN 4
236	(EC)	ADDRESS	4	JSSFCT	"V(JSSFCT)" IATGRPT IATGRJS FCT
240	(F0)	ADDRESS	4	MAINACT	SET BY IATINM3 ACTIVE MAIN PROC TABLE
244	(F4)	ADDRESS	4	MAINDATA	SET BY IATINM2 MAIN PROCESSOR CONTROL TABLE
248	(F8)	ADDRESS	4	MCLASS	SET BY IATINM2 JOB CLASS TABLE
252	(FC)	ADDRESS	4	MDSPARM	SET BY IATINMD MDS CONTROL TABLE
256	(100)	ADDRESS	4	DYNDYNP	SET BY IATINMD PTR TO DYN DATA
260	(104)	ADDRESS	4	MGROUP	SET BY IATINM2 JOB CLASS GROUP TABLE
264	(108)	ADDRESS	4	MLBCB	IATINM2 ADDR OF MAIN LOAD BALANCE CB
268	(10C)	ADDRESS	4	TVTRDQTP	READY QUEUE ANCHOR
268	(10C)	X'10C'	0	TVTRDQEF	"TVTRDQTP,1" READY QUEUE FCT ECF
		1...		TVTRDQPT	"X'80" FCT ADDED TO READY QUEUE
272	(110)	ADDRESS	4	PAFCTBTM	SET BY IATINRB LAST AVAILABLE PREALLOCATED FCT ENTRY
276	(114)	ADDRESS	4	PAFCTTOP	SET BY IATINRB FIRST AVAILABLE PREALLOCATED FCT ENTRY
280	(118)	ADDRESS	4	TVTRQCAD	SET BY IATINRB RESQUEUE CONTROL AREA 1
284	(11C)	ADDRESS	4	TVTSDA	Statistics Data Area
288	(120)	ADDRESS	4	PRTAB	SET BY IATINDEV 1ST PRINTER ENTRY IN SUPUNITS
292	(124)	ADDRESS	4	PUNTAB	SET BY IATINDEV 1ST PUNCH ENTRY IN SUPUNITS
296	(128)	ADDRESS	4	RESTABLE	"V(RESTABLX)" IATGRRRQ RESOURCE MGMT TABLE
300	(12C)	ADDRESS	4	TVTCALNT	"V(ASACALNT)" ACALL (no trace) entry point
304	(130)	ADDRESS	4	TVTRETNT	"V(ASARETNT)" ARETURN (no trace) entry point
308	(134)	ADDRESS	4	SRJPSRT	SET BY IATINWS RESIDENT SNA RJP TABLE
312	(138)	ADDRESS	4	TVTSOCK	Set by IATINSOC Socket chain
316	(13C)	ADDRESS	4	TVTLLPRT	SET BY IATINDEV LAST LOCAL PRINTER (PRTAB)
320	(140)	ADDRESS	4	TVTJMJDS	Set by IATINC2 JESMSGJL JDS skeleton entries for Spinoff
324	(144)	ADDRESS	4	TVTRS010	RESERVED FOR SERVICE
End of Comment					
----- TVT DOUBLE WORD FIELDS -----					
End of Comment					
328	(148)	DBL WORD	8	TVTSVHDR (0)	IATGRSV DOES A CDS ON TVTSVLST
328	(148)	ADDRESS	4	TVTSVLST	IATGRSV SAVEAREA FREE POOL LIST
332	(14C)	ADDRESS	4	TVTSVCNT	IATGRSV CNTL CNT FOR CDS SERIALIZATION
336	(150)	DBL WORD	8	TVTWORKD	DOUBLE WORD WORK AREA
336	(150)	X'154'	0	TVTWORKS	"TVTWORKD+4,4" SINGLE WORD WORK AREA 1
344	(158)	DBL WORD	8	TVTTELS (0)	POINTERS TO TEL CHAIN 0446
344	(158)	SIGNED	4	TVTTELTP	FIRST TEL ON TEL CHAIN 0446
348	(15C)	SIGNED	4	TVTTELEN	LAST TEL ON TEL CHAIN 0446

IATYINT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
352	(160)	DBL WORD	8	SRJPSTQ (0)	SNA RJP STORAGE QUEUE
Comment					
<p>-----</p> <p>THE SNA RJP STORAGE QUEUE MUST USE COMPARE DOUBLE AND SWAP (CDS) TO INCREMENT THE COUNT AND CHANGE THE QUEUE ANCHOR WITH THE SAME INSTRUCTION</p> <p>-----</p>					
End of Comment					
352	(160)	SIGNED	4	SRJPSCTR	STORAGE COUNTER
356	(164)	SIGNED	4	SRJPSQAN	STORAGE QUEUE ANCHOR
360	(168)	SIGNED	4	SRJPCSFL	COMPARE AND SWAP WORD
360	(168)	X'168'	0	SRJPECF	"SRJPCSFL" ECF TO CONTROL SNARJP DSP
Comment					
FIRST BYTE OF SRJPCSFL					

DEFINITION OF SRJPECF					

End of Comment					
		1... ..		SRJPRJS	"X'80" RETURN TO JSS FLAG
		.1.. ..		SRJPBCB	"X'40" BUILD CONTROL BLOCK FLAG
		..1.		SRJPCRB	"X'20" REMOVE CONTROL BLOCKS FLAG
		...1		SRJPPOP	"X'10" PROCESS OPER. COMMANDS FLAG
		.... 1...		SRJPWKQ	"X'08" PROCESS WORK QUEUES FLAG
Comment					
<ol style="list-style-type: none"> 1. INTERCOM COMMANDS FROM WORKSTATION CONSOLES 2. SEND MESSAGES TO OPERATOR 3. CALL IATCNRM TO SEND MSGS TO WS CONSOLES 4. INTERCOM START READER COMMANDS 5. TERMINATE SESSIONS (ISSUE CLSDST) 6. ISSUE WSOPEN FOR OUTBOUND CONSOLE 7. INTERCOM COMMANDS FROM DATA FLOW CONTROL 					
End of Comment					
		.... .1..		SRJPRSVS	"X'04" Reserved for service
		.... .1..		SRJPISEC	"X'02" PROCESS SECURITY REQUEST #403
360	(168)	X'16B'	0	SRJPFLLG	"SRJPCSFL+3" SNA RJP FLAGS
360	(168)	X'16B'	0	SRJPACT	"SRJPFLLG" SNA RJP ACTIVE FLAG
		1... ..		SRJPACTM	"X'80" SNA RJP ACTIVE MASK
364	(16C)	ADDRESS	4	TVTNTSV	Set by IATINNSV NETSERV anchor
368	(170)	ADDRESS	4	TVTBALST	POINTER TO LAST BALJ
372	(174)	ADDRESS	4	RQBTM	LAST RESQUEUE ENTRY
376	(178)	ADDRESS	4	RQDTP	ORIGIN OF DEMAND SEL Q
380	(17C)	ADDRESS	4	RQTOP	FIRST RESQUEUE ENTRY
384	(180)	ADDRESS	4	SCTAB	SET BY IATINGN SYSOUT CLASS TABLE
388	(184)	ADDRESS	4	SETNAMES	SET BY IATINMD SETNAMES TABLE
392	(188)	ADDRESS	4	SUPUNITS	SET BY IATINDEV SUPPORT UNITS TABLE
396	(18C)	ADDRESS	4	SYSTAB	SET BY IATINDEV 1ST SYS ENTRY IN SUPUNITS
400	(190)	ADDRESS	4	SYSUNITS	SET BY IATGRSYS SYSTEM UNITS TABLE
404	(194)	ADDRESS	4	TVTMDSRD	SET BY IATINMD MDSSRS DATA AREA ADDRESS
408	(198)	ADDRESS	4	TVTLDAAAD	SET BY IATINLC LOCATE DATA AREA ADDRESS
412	(19C)	ADDRESS	4	TVTBALJ	IATINIO JES3 BUFFER ALLOC BLK
416	(1A0)	ADDRESS	4	TVTDTATQ	QUEUE OF IATYDATS FOR DISKS
416	(1A0)	X'1A0'	0	TVTDMCQ	"TVTDTATQ" QUEUE OF IATYDMCS FOR DISKS

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

TVTBALJ, TVTDATQ AND TVTDMCQ WILL BE USED IN THE FSS ADDRESS SPACE AS WELL AS THE JES3 GLOBAL ADDRESS SPACE. ADDRESSES WILL DIFFER BETWEEN THE FSS AND JES3 GLOBAL ADDRESS SPACES.					

End of Comment					
420	(1A4)	ADDRESS	4	TVTDFCB	DFCB CHAIN TOP
424	(1A8)	ADDRESS	4	TVTFSS	SET BY IATINFS ADDR OF FIRST FSS TABLE
428	(1AC)	SIGNED	4	TVTIDAAD	IATINI1 INTERPRETER DATA AREA ADDR.
432	(1B0)	ADDRESS	4	TVTJQX	"V(JQXSTART)" IATGRJX ADDR JQX
436	(1B4)	ADDRESS	4	TVTSQE	ADDR OF STORAGE Q
440	(1B8)	ADDRESS	4	TVTMEMD	ADDR OF JES3 MEMDATA
444	(1BC)	ADDRESS	4	TVTRTAB	"V(TRANSTAB)" IATGRVT(F) SYSTEM TRANSLATE TABLE
448	(1C0)	ADDRESS	4	TVTSMFCH	IATOSDR SMF WRITE CHAIN START 4
452	(1C4)	ADDRESS	4	TVTSPCH	IATOSDR SETPRT REQUEST QUEUE
456	(1C8)	ADDRESS	4	TVTUXL	"V(IATYUXL)" IATGRPT USER EXIT LIST TABLE
460	(1CC)	ADDRESS	4	TVTYOSD	"V(OSDSTART)" IATOSDR OUTSERV DATA SET DEFAULTS
464	(1D0)	ADDRESS	4	WTDQUE	WTD CONTROL BLOCK
468	(1D4)	SIGNED	4	TVTIFCAD	IATINFC C/I FSS DATA AREA ADDR.
472	(1D8)	SIGNED	4	TVTRS040 (3)	RESERVED FOR SERVICE
484	(1E4)	ADDRESS	4	FCTLAST	SET BY IATGRCT LAST FCT ENTRY
488	(1E8)	SIGNED	4	NCKLOCK	THIS WORD CONTAINS THE FCT ADDRESS THAT CURRENTLY HOLDS THE NCK LOCK - X'80' AT LABEL NCKADD
492	(1EC)	ADDRESS	4	TVTFSLG	SET BY IATINIT LOGOUT MODULE
496	(1F0)	ADDRESS	4	TVTFSRC	SET BY IATINIT TERMINATE FAILING FCT
500	(1F4)	ADDRESS	4	TVTTAWK	PTR TO TRACK ALLOC DSP RREPOOL
504	(1F8)	BITSTRING	1	TVTTAECF	TRACK ALLOC DSP ECF
Comment					

DEFINITION OF TVTAECF					

End of Comment					
		1...		DMTAREQ	"X'80" REQUESTS FROM GLOBAL
		.1..		DMTARPLY	"X'40" REPLIES FROM GLOBAL
Comment					

Fields used by macro IATXSUSP					

End of Comment					
505	(1F9)	BITSTRING	1	TVTSUSPE	ECF used by IATXSUSP
506	(1FA)	BITSTRING	1	TVTSUSPM	IATXSUSP post mask; the mask value flip-flops between x'80' and x'40'
507	(1FB)	BITSTRING	1	TVTRD040	Reserved for development
508	(1FC)	SIGNED	4	TVT3100D	DOM ID FOR MSG IAT3100
512	(200)	ADDRESS	4	TVTJADAD	USAM JDS ACCESS INTERFACE DATA AREA (JAD) ANCHOR
516	(204)	ADDRESS	4	TVTPDAAD	PROCESS SYSOUT (PSO) DATA AREA (PDA) ANCHOR
520	(208)	ADDRESS	4	TVTSDEAD	SYSOUT Application Program Interface (SAPI) DSP Entry address

IATYINT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
524	(20C)	ADDRESS	4	TVTSOSRQ	Sysout Application Program Interface (SAPI) Output Service Restart Q (OSR)
528	(210)	ADDRESS	4	TVTOSRTQ	OUTPUT SERVICE RESTART QUE for FSS writers
532	(214)	ADDRESS	4	TVTRU050 (4)	AVAILABLE TO USER 4
548	(224)	BITSTRING	1	TVTJNCBF	DJC FLAGS

Comment

 DEFINITION OF TVTJNCBF

End of Comment

		.1..		DJCPOST	"X'40" DJC POSTED
		...1		DJCACTIV	"X'10" IATDCUP IS ACTIVE
		.... ..1.		JNCBPOST	"X'02" JNCB POSTED
549	(225)	BITSTRING	1	TVTSMFFL	SMF FLAGS

Comment

 DEFINITION OF TVTSMFFL

End of Comment

		1...		SMFPOST	"X'80" SMF REC TO BE WRITTEN
		.... ..1.		SMFRCUR	"X'02" SMF RECURSION BIT
		.... ...1		SMFDYFCT	"X'01" DYNAM FCT HAS BEEN BUILT
550	(226)	BITSTRING	1	TVTSPFFL	SETPRT COUNT
551	(227)	BITSTRING	1	TVTWTDEC	ECF TO POST WTD PROCESSING

Comment

 Work To Do Driver post flags.

End of Comment

		1...		TVTWTDPS	"X'80" WTD Post (IATGRWD)
		.1..		TVTINPPS	"X'40" Input cmd Post (IATGRWD)
		..1.		TVTWTD20	"X'20" Reserved
		...1		TVTWTD10	"X'10" Reserved
		.... 1...		TVTWTD08	"X'08" Reserved
		.... .1..		TVTWTD04	"X'04" Reserved
		.... ..1.		TVTWTD02	"X'02" Reserved
		.... ...1		TVTWTD01	"X'01" Reserved
552	(228)	BITSTRING	1	AWAIT	IATGRVT(F) AWAIT CONDITION CODE
553	(229)	BITSTRING	1	AWAITL	IATGRVT(F) AWAIT-LIST CONDITION CODE
554	(22A)	BITSTRING	1	AWAITOFF	IATGRVT(F) AWAITOFF CONDITION CODE
555	(22B)	BITSTRING	1	AWAITOFL	IATGRVT(F) AWAITOFF-LIST COND CODE
556	(22C)	BITSTRING	1	JESKEY	IATGRVT(F) JES3 STORAGE PROTECT KEY
557	(22D)	BITSTRING	1	IOERRECF	ERROR RECOVERY POST FLAGS

Comment

 DEFINITION OF IOERRECF

End of Comment

		1...		IOEERROR	"X'80" SPOOL I/O ERROR OCCURRED
		.1..		IOENORML	"X'40" I/O TERMINATED NORMALLY
		..1.		IOETIMED	"X'20" MISSING I/O COMPLETION POST
558	(22E)	BITSTRING	1	TVTJNECF	ECF FOR AJOBNUM BUSY

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- DEFINITION OF TVTJNECF -----					
End of Comment					
		1...		TVTJNMSK	"X'80" AJOBNUM AVAILABLE ECF MASK
		.1..		TVTJNTHL	"X'40" AJOBNUM below threshold
559	(22F)	BITSTRING	1	TVTJNWID	JES NEWS DATA SET ID
560	(230)	BITSTRING	1	TVDSIECF	ECF BYTE FOR DSI
Comment					
----- DEFINITION OF TVDSIECF -----					
End of Comment					
		1...		TVTSDSI	"X'80" *S DSI RECEIVED
		.1..		TVTCDSI	"X'40" *C DSI RECEIVED
561	(231)	BITSTRING	1	RJPSNPFL	RJP SNAP FUNCTION FLAGS BIT EQUATES ARE IN IATRJSN
562	(232)	BITSTRING	1	TVTRS060 (2)	RESERVED FOR SERVICE
Comment					
----- ROUTINE ENTRY POINTS SECTION 1 - NON-COUNTABLE ENTRY POINTS (FROM ASAVE TO TVTEPS) SECTION 2 - COUNTABLE ENTRY POINTS (USING X IC - IATUTIC) (FROM ABACKR TO TVTEPE) -----					
End of Comment					
564	(234)	SIGNED	4	TVTEPST (0)	START OF NON-COUNTABLE ENTRY POINTS
564	(234)	ADDRESS	4	TVTWROSE	"V(WRITEOSE)" IATOSOR WRITEOSE ROUTINE ADDRESS 1
568	(238)	ADDRESS	4	TVTSAFCL	"V(IATPUSC)" IATPUSC PURGE SYSIN/SYSOUT SAF CALL 1
572	(23C)	ADDRESS	4	IATXSIO	IATDMDK
572	(23C)	X'23C'	0	TVTDMDK	"IATXSIO" IATDMDK
576	(240)	ADDRESS	4	TVTERRQ	IATDMIT CHAIN OF ISR'S WITH IO ERRS
580	(244)	ADDRESS	4	TVTERRWK	IATDMER PTR TO DMER'S IO ERR WORKAREA
584	(248)	ADDRESS	4	TVTSTTBL	"V(STTBUILD)" IATDMST STT BUILD ROUTINE
588	(24C)	ADDRESS	4	TVTSTTAL	"V(STTALLOC)" IATDMST STT RECORD ALLOC
592	(250)	ADDRESS	4	TVTSTTPG	"V(STTPURGE)" IATDMST STT RECORD PURGE
596	(254)	ADDRESS	4	TVTSTTBD	"V(STTBAD)" IATDMST STT BADTRACK ROUTINE
600	(258)	ADDRESS	4	TVTSTTSR	"V(STTSRCH)" IATDMST STT SEARCH ROUTINE
604	(25C)	ADDRESS	4	DSPIG	"V(PIG)" IATIQPG PART/INQ TGPS ROUTINE
608	(260)	ADDRESS	4	TVTTGBUP	"V(TGBUPDAT)" IATDMTK BYPASS TABLE UPDATE
612	(264)	ADDRESS	4	TVTPBITL	"V(BITLOC)" IATDMTK X.G TO PTAT BIT CONVERSION
616	(268)	ADDRESS	4	TVTPTATS	"V(TATSTAT)" IATDMTK PTAT STATUS UPDATE RTN
620	(26C)	ADDRESS	4	TVTJBTS	"V(JOBTATS)" IATDMTK JOB, DS TAT SEARCH RTN
624	(270)	ADDRESS	4	JDSBENRY	"V(JDSSCAN)" IATGRJA CI SUBTSK JDS ACCESS EP
628	(274)	ADDRESS	4	IATXJDS	"V(IATXJDSX)" IATGRJA ADDRESS OF JDS ACCESS RTNS
632	(278)	ADDRESS	4	IATXJET	"V(IATXJETX)" IATGRJA Address of JET initialization routine
636	(27C)	ADDRESS	4	IATXCSS	"V(IATDMCS)" IATDMCS ADDRESS OF SRF SERVICES

IATYINT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
640	(280)	ADDRESS	4	TVTSLOTL	"V(SLOTLOC)" IATDMTK Address of VALID array slot location routine
644	(284)	ADDRESS	4	TVTRJPD	"V(RJPDINFO)" IATOSGR Access RJP device info 0012 0012
648	(288)	ADDRESS	4	IATXTRC	IATINSV JES3 trace in CSA, also FSS trace in FSS private
652	(28C)	ADDRESS	4	TVTXCKPT	IATGRCK IATXCKPT ENTRY POINT
656	(290)	ADDRESS	4	JOBNALOC	"V(JNUMALOC)" IATGRJN ALLOCATE A SPECIFIC JOBNO.
660	(294)	ADDRESS	4	JOBNRTN	"V(JOBNMBER)" IATGRJN ALLOCATE NEXT AVAIL JOBNO.
664	(298)	ADDRESS	4	JOBNSSET	"V(JNUMSET)" IATGRJN SET NUMBER FOR JOBNO. SCAN 1
668	(29C)	ADDRESS	4	JSSRETRN	"V(JSSRTN)" IATGRJR DSP RETURN POINT TO IATGRJR
672	(2A0)	ADDRESS	4	TVTJETCR	"V(CSBTCRT)" IATGRJA JET create routine address 0010
676	(2A4)	ADDRESS	4	TVABNGET	IATABN0 VIRT ADDR VALID'N RTN
680	(2A8)	ADDRESS	4	TVTABMN	SET BY IATABMN ADDR OF MODULE IATABMN
684	(2AC)	ADDRESS	4	TVTSTAD	SET BY IATABMN ABEND SERIALIZATION SERVICE 1
688	(2B0)	ADDRESS	4	TVTJ3PST	IATINIO POSTJES3 RTN IN CSA
692	(2B4)	ADDRESS	4	TVTVPATH	"V(AVAILPTH)" IATGRCT CALL MVS PATH VALIDATION
696	(2B8)	ADDRESS	4	TVTVIOPM	IATINIT MVS PATH VALIDATION RTN IOSVIOPM
700	(2BC)	ADDRESS	4	TVTLPJ3	"V(IATGRLPJ)" IATGRG1 LOCAL POST JES3 ROUTINE
704	(2C0)	ADDRESS	4	TVTSTMD	"V(IATGRSM)" IATGRCT IATXSTMD ROUTINE
708	(2C4)	ADDRESS	4	TVTGRSM1	"V(IATGRSM1)" IATGRCT IATXSTMD SPECIAL ENTRY PT
712	(2C8)	ADDRESS	4	TVTATDE	"V(IATGRATD)" IATGRG1 ATTACH/DETACH ATDE ROUTINE
716	(2CC)	ADDRESS	4	TVTXJLOK	"V(IATGRLCK)" IATGRG1 OBTAIN/RELEASE LOCK ROUTINE 1
720	(2D0)	ADDRESS	4	TVTMSMI	IATMSMI ENTRY PT SET BY MSDR 1
724	(2D4)	ADDRESS	4	TVTOSDIE	SET BY IATINIO OUTPUT SERVICE DIE RTN ADR 1
728	(2D8)	ADDRESS	4	IATXOSPM	"V(IATOSWPX)" IATOSWP OUTSERV PIPELINE MANAGER
732	(2DC)	ADDRESS	4	TVTOSFP	IATOSFP FSS WRITER PENDING DATASET QUEUE MANAGER 1
736	(2E0)	ADDRESS	4	TVTDSPIQ	"V(INQOSFCT)" IATIQUI OUTPUT SERVICE INQUIRY IMPLEMENTATION
740	(2E4)	ADDRESS	4	TVTDSPMO	"V(MODOSFCT)" IATMOOI OUTPUT SERVICE MODIFY IMPLEMENTATION
744	(2E8)	ADDRESS	4	TVTJNFND	"V(GRJNFIND)" IATGRJN Find available number 07081SXA using a bit map 07081SXA 1
748	(2EC)	ADDRESS	4	SRJPSNLK	SET BY IATSNLD SNARJP LCB USE COUNT MANAGER

Comment

 THESE EQUATED VALUES ARE USED BY THE MACRO IATXSNLK

End of Comment

		.... ..		SNLKINC	"X'00000000',4" SNARJP - INCREMENT USE COUNT
		.... .1..		SNLKDEC	"X'00000004',4" SNARJP - DECREMENT USE COUNT
		.... 1...		SNLKINNC	"X'00000008',4" SNARJP - INC USE COUNT NO CHECK
		.... ....		SNLKERR	"X'80000000',4" SNARJP - ERROR EXIT SPECIFIED
		.... ....		SNLKNORM	"X'40000000',4" SNARJP - NORMAL EXIT SPECIFIED
752	(2F0)	ADDRESS	4	SRJPSNFS	SET BY IATSNLD SNARJP FAILDSP PROCESSOR
756	(2F4)	ADDRESS	4	SRJPSNST	SET BY IATSNLD SNARJP TERMINATION STATUS MANG

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Comment -----					
THESE EQUATED VALUES ARE USED BY THE MACRO IATXSNST -----					
----- End of Comment -----					
		.... ....		SNSTON	"X'00000000',4" SNARJP - TURN STATUS BIT ON
		.... .1..		SNSTOFF	"X'00000004',4" SNARJP - TURN STATUS BIT OFF
		.... 1...		SNSTTEST	"X'00000008',4" SNARJP - TEST STATUS BIT
		.... 11..		SNSTTNCH	"X'0000000C',4" SNARJP - TEST STATUS BIT NO CHK
		.... ....		SNSTERR	"X'80000000',4" SNARJP - ERROR EXIT SPECIFIED
		.... ....		SNSTNORM	"X'40000000',4" SNARJP - NORMAL EXIT SPECIFIED
		1...		SNSTQI	"X'80" SNARJP - QUIESCE IMMEDIATE
		.1..		SNSTQ	"X'40" SNARJP - QUIESCE
		..1.		SNSTRQ	"X'20" SNARJP - CLSDST REQUESTED
		...1		SNSTCM	"X'10" SNARJP - CLSDST COMPLETED
		.... 1...		SNSTFCB	"X'08" SNARJP - CONTROL BLOCK TO BE FREED
		.... .1..		SNSTONTQ	"X'04" SNARJP - LCB HAS BEEN ON TERMINATE QUEUE
760	(2F8)	ADDRESS	4	SRJPSNDN	SET BY IATSNLD DFC NEG RESPONSE ROUTINE
764	(2FC)	ADDRESS	4	SRJPSNDV	SET BY IATSNLD DFC RECEIVE ROUTINE
768	(300)	ADDRESS	4	SRJPNDR	SET BY IATSNLD DFC RECEIVE ANY ROUTINE
772	(304)	ADDRESS	4	SRJPSNDT	SET BY IATSNLD DFC RESTART ROUTINE
776	(308)	ADDRESS	4	SRJPSNDG	SET BY IATSNLD DFC RUGET ROUTINE
780	(30C)	ADDRESS	4	SRJPSNDM	SET BY IATSNLD DFC STATE MANAGER ROUTINE
784	(310)	ADDRESS	4	SRJPSNDO	SET BY IATSNLD DFC WSOPEN ROUTINE
788	(314)	ADDRESS	4	SRJPSNDC	SET BY IATSNLD DFC WSCLOSE ROUTINE
792	(318)	ADDRESS	4	SRJPSNDD	SET BY IATSNLD DFC DFASY ROUTINE
796	(31C)	ADDRESS	4	AIATINIT	"V(IATINIT)" IATINIT JES3 NUCLEUS ENTRY POINT
800	(320)	ADDRESS	4	IATXCNS	"V(XCNSTART)" IATCNRN XCNS SERVICE ROUTINE
804	(324)	ADDRESS	4	CONCNJS	"V(IATCNJS)" IATCNJS CONSOLE JESTAE ROUTINE
808	(328)	ADDRESS	4	TATUPDWR	"V(TATUPDWT)" IATDMTK TAT update write routine
812	(32C)	ADDRESS	4	TVTJMF	JMF CSECT ADDRESS 431
816	(330)	ADDRESS	4	OSGRJGET	"V(OSGRJMRG)" IATXJMR TYPE=GET SERV RTN
820	(334)	ADDRESS	4	OSGRJPUT	"V(OSGRJMRP)" IATXJMR TYPE=PUT SERV RTN
824	(338)	ADDRESS	4	OSGRJREL	"V(OSGRJMRR)" IATXJMR TYPE=REL SERV RTN
828	(33C)	ADDRESS	4	TVTRD080 (3)	Reserved for Development 18540TBC
840	(348)	ADDRESS	4	DMTKSTTR	"V(DMTKSTTP)" IATDMTK STT Purge routine 18540TBA
844	(34C)	ADDRESS	4	DJCFREE	"V(DJCFREEX)" IATDCNC DJC FREE STORAGE SERVICE
848	(350)	ADDRESS	4	TVTXTRCD	"V(IATXTRCD)" IATGRG1 Data space trace routine
852	(354)	ADDRESS	4	TVTCSBTU	"V(CSBTUPDT)" IATGRJA CSBT/JET update routine
856	(358)	ADDRESS	4	TVTCSBTR	"V(CSBTRCVY)" IATGRJA CSBT/JET recovery routine
860	(35C)	ADDRESS	4	TVTRU080 (6)	RESERVED FOR USER
884	(374)	ADDRESS	4	TVTEPS (0)	END OF NON-COUNTABLE ENTRY POINTS
----- Comment -----					
NOTE: TVTEPS MARKS END OF SECTION 1 OF ROUTINE ENTRY POINTS ABACKR MARKS BEGINNING OF SECTION 2 OF ROUTINE ENTRY POINTS AND TVTEPE MARKS THE END OF THE WHOLE SECTION. IATUTIC MUST BE UPDATED FOR ANY CHANGES TO THE TVT ENTRY POINTS -----					
----- End of Comment -----					
884	(374)	SIGNED	4	TVTEPCST (0)	START OF COUNTABLE ENTRY POINTS
884	(374)	ADDRESS	4	ABACKR	"V(BACKR0)" IATDMDT BACKSPACE RECORD 1
888	(378)	ADDRESS	4	ABENDAPG	SET BY IATGROP ABNORMAL END APPENDAGE 4
892	(37C)	ADDRESS	4	ABLOCK	"V(BLOCK)" IATDMDT I/O BLOCK
896	(380)	ADDRESS	4	ACLOSE	"V(CLOSE)" IATDMNC I/O CLOSE
900	(384)	ADDRESS	4	ACONSRMT	SET BY IATINPK REMOTE CONSOLE PROCESSING

IATYINT Map

Offsets		Type/Value 1... ..	Len	Name (Dim) TVTCONSR	Description
Dec	Hex				
904	(388)	ADDRESS	4	ACTLTRAP	"V(TMSTMREX)" IATGRTRM ATIME STIMERM INDICATOR
908	(38C)	ADDRESS	4	ADEBLOCK	"V(DEB)" IATDMDT I/O DEBLOCK
912	(390)	ADDRESS 1... ..	4	ADELETE TVTDELET	"V(DELETEX)" IATGRDL MODULE DELETE "X'80" HIGH ORDER BIT OF ADELETE 1-REFRESH REQUESTED FOR DELETE
916	(394)	ADDRESS	4	ADEQ	"V(RESMGMT)" IATGRRQ RESOURCE MANAGEMENT
916	(394)	X'394'	0	AENQ	"ADEQ" IATGRRQ RESOURCE MANAGEMENT
916	(394)	X'394'	0	ATEST	"ADEQ" IATGRRQ RESOURCE MANAGEMENT
920	(398)	ADDRESS	4	AFDADD	"V(FDADD)" IATDMNC ADD ENTRY TO FILE DIRECTORY
924	(39C)	ADDRESS	4	AFDDELET	"V(FDDELETE)" IATDMNC DELETE ENTRY FROM FILE DIR.
928	(3A0)	ADDRESS	4	AFDFIND	"V(DFIND)" IATDMNC SCAN FILE DIRECTORY
932	(3A4)	ADDRESS	4	AGETBUF	"V(GETBUF)" IATDMNC GETBUF
936	(3A8)	ADDRESS	4	TVTRD082	RESERVED FOR DEVELOPMENT
940	(3AC)	ADDRESS	4	TVTRS090	RESERVED FOR SERVICE
944	(3B0)	ADDRESS	4	ALOAD	"V(LOADX)" IATGRDL MODULE LOAD
948	(3B4)	ADDRESS	4	ALOCATE	"V(LOCATE)" IATDMDT I/O LOCATE
952	(3B8)	ADDRESS	4	ANOTE	"V(NOTE)" I/O NOTE
956	(3BC)	ADDRESS	4	AOPEN	"V(OPEN)" IATDMNC I/O OPEN
960	(3C0)	ADDRESS	4	AOPEND	"V(OPEND)" I/O OPEN AT END
964	(3C4)	ADDRESS	4	APOINT	"V(POINT)" I/O POINT
968	(3C8)	ADDRESS	4	APURGE	"V(PURGEA)" IATDMTK SPOOL SPACE PURGE
972	(3CC)	ADDRESS	4	APUTBUF	"V(PUTBUF)" IATDMNC PUTBUF
976	(3D0)	ADDRESS	4	TVTRD084	RESERVED FOR DEVELOPMENT
980	(3D4)	ADDRESS	4	ARELEASE	"V(RELEASE)" IATDMNC I/O RELEASE
984	(3D8)	ADDRESS 1... ..	4	ASPABND0 TVTABNOF	SET BY IATABNO ABEND "X'80" HIGH ORDER BIT OF ASPABND0 1-ABNO DOESN'T CALL ABNO
988	(3DC)	ADDRESS	4	TVTRD086	RESERVED FOR DEVELOPMENT
992	(3E0)	ADDRESS	4	ATRACK	"V(TRACK)" IATDMTK SPOOL SPACE ALLOCATION

Comment

ATRACK IATDMTA FOR CI FSS

End of Comment

996	(3E4)	ADDRESS	4	TVTJBTXP	"V(TRKXPND2)" IATDMTK JOB TAT EXPANSION ROUTINE
1000	(3E8)	ADDRESS	4	TVTSPCK	"V(SPOOLCK)" IATGRCP CHECKPOINT SPOOL STATUS ROUTINE
1004	(3EC)	ADDRESS	4	TVTPTCKP	"V(PATCKP)" IATGRCP PTAT CKPT ENTRY POINT
1008	(3F0)	ADDRESS	4	TVTRD090 (4)	RESERVED FOR DEVELOPMENT
1024	(400)	ADDRESS	4	AWRITE	"V(WRITE)" IATDMNC SINGLE-BUFFER WRITE
1028	(404)	ADDRESS	4	CONCNVRT	"V(CONCLASS)" IATCNRN CONVERT CONS CLASS TO DISP-MASK
1032	(408)	ADDRESS	4	CHENDAPG	SET BY IATGROP CHANNEL END APPENDAGE
1036	(40C)	ADDRESS	4	TVTRD095	RESERVED FOR DEVELOPMENT
1040	(410)	ADDRESS	4	TESTSRS	"V(SRSTEST)" IATGRGU TEST DSP DEVICE REQUIREMENT 1
1044	(414)	ADDRESS	4	TVTRD100	RESERVED FOR DEVELOPMENT
1048	(418)	ADDRESS	4	CONREVRT	"V(DESTNAME)" IATCNRN DISP-MASK TO DEST CLASS NAME
1052	(41C)	ADDRESS	4	CONSAUTH	"V(IATCNIA)" IATCNIA CONSOLE AUTHORITY VALIDATION
1056	(420)	ADDRESS	4	DEQMSG	"V(DEQMSGX)" IATCNDQ CONSOLE BUFFER DEQUEUE
1060	(424)	ADDRESS	4	DEVSCAN	"V(DSPSCN)" IATGRG1 IN/OUT PARAMETER SCAN
1064	(428)	ADDRESS	4	DYNALRTY	SET BY IATINDY DYNAL ERROR RECOVERY
1068	(42C)	ADDRESS	4	IATXCPYF	"V(COPYFILE)" IATDMDT Copy File Service
1072	(430)	ADDRESS	4	FINDJNUM	"V(JOBNTTEST)" IATGRJN FIND JOB NUMBER
1076	(434)	ADDRESS	4	GETUNIT	"V(GETUNI)" IATGRGU GETUNIT

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1080	(438)	ADDRESS	4	IATXAMDV	"V(IATAMDV)" IATGRGU AMBIGUOUS DEVICE MSG RTN
1084	(43C)	ADDRESS	4	IATXELA	"V(ECFADD)" IATGRCT ECF LIST ADD
1088	(440)	ADDRESS	4	IATXELD	"V(ECFDEL)" IATGRCT ECF LIST DELETE
1092	(444)	ADDRESS	4	IATXELS	"V(ECFSCAN)" IATGRCT ECF LIST SCAN
1096	(448)	ADDRESS	4	IATXERCV	"V(IATERCV)" IATDMNC CHAINED SRF ERROR RECOVERY
1100	(44C)	ADDRESS	4	IATXGOSE	"V(IATGOSE)" IATOSGP GET MASTER OSE ROUTINE
1104	(450)	ADDRESS	4	IATXIOX	"V(IOCHECK)" IATDMNC CHECK SRF IO COMPLETION
1108	(454)	ADDRESS	4	IATXIWT	IATIIMS INTERPRETER MESSAGE ROUTINE 1
1112	(458)	ADDRESS	4	IATXPRMD	"V(PRMDTBEX)" IATOSGR PROCESS MODE TABLE EXECUTOR 4
1116	(45C)	ADDRESS	4	TVTRD110	RESERVED FOR DEVELOPMENT
1120	(460)	ADDRESS	4	IATXPOSE	"V(IATPOSE)" IATOSGP PUT MASTER OSE ROUTINE
1124	(464)	ADDRESS	4	IATXPRT	"V(XPRT)" IATGRG1 GNRALZED CORE DUMP
1128	(468)	ADDRESS	4	IATXRABC	"V(DMTKRABC)" IATDMTK I/O RAB CREATE ROUTINE
1132	(46C)	ADDRESS	4	IATXRABD	"V(DMTKRABD)" IATDMTK I/O RAB DESTROY ROUTINE
1136	(470)	ADDRESS	4	IATXRABP	"V(DMTKRABP)" IATDMTK I/O RAB PROCESS ROUTINE
1140	(474)	ADDRESS	4	IATXRELC	"V(DTRELCHN)" IATDMDT I/O RELEASE CHAIN
1144	(478)	ADDRESS	4	IATXSCN1	"V(CONSCAN1)" IATCNRN MESSAGE SCAN ROUTINE ENTRY
1148	(47C)	ADDRESS	4	IATXSCN2	"V(CONSCAN2)" IATCNRN MESSAGE SCAN ROUTINE ENTRY
1152	(480)	ADDRESS	4	IATXSMF	"V(IATSMFW)" IATOSGR QUEUE SMF WRITE REQUEST
1156	(484)	ADDRESS	4	IATXSPR	"V(IATXSPRE)" IATOSGR QUEUE SETPRT REQUEST
1160	(488)	ADDRESS	4	TVTRD112	RESERVED FOR DEVELOPMENT
1164	(48C)	ADDRESS	4	INTERCOM	"V(IATCNICX)" IATCNIC INTERCOM
1168	(490)	ADDRESS	4	JDSADD	"V(JDSADDX)" IATGRJA JDS ADD
1172	(494)	ADDRESS	4	IATXFRQ	"V(FREERSQ)" IATGRRQ FREE RESQUEUE
1176	(498)	ADDRESS	4	JDSGET	"V(JDSGETX)" IATGRJA JDS GET
1180	(49C)	ADDRESS	4	JDSHOLD	"V(JDSHOLDX)" IATGRJA JDS HOLD
1184	(4A0)	ADDRESS	4	JDSPOINT	"V(JDSPNTX)" IATGRJA JDS POINT
1188	(4A4)	ADDRESS	4	JDSPUT	"V(JDSPUTX)" IATGRJA JDS PUT
1192	(4A8)	ADDRESS	4	JDSREL	"V(JDSRELX)" IATGRJA JDS RELEASE 2
1196	(4AC)	ADDRESS	4	JESCLOSE	SET BY IATGROP DEVICE CLOSE
1200	(4B0)	ADDRESS	4	TVTCL012	SET BY IATGROP JESCLOSE BRANCH ENTRY
1204	(4B4)	ADDRESS	4	JESEXCP	SET BY IATGROP DEVICE EXCP
1208	(4B8)	ADDRESS	4	JESCKPNT	"V(JESCHECK)" IATGRCP CHECKPOINT
1212	(4BC)	ADDRESS	4	TVTRD118	Reserved for development
1216	(4C0)	ADDRESS	4	JESMODLK	SET BY IATABMN MODULE NAME LOOK-UP ROUTINE
1220	(4C4)	ADDRESS	4	JESMSG	"V(JESMSGX)" IATGRJM Write msg in job's JESMSG LG 1
1224	(4C8)	ADDRESS	4	JESOPEN	SET BY IATGROP DEVICE OPEN 5
1228	(4CC)	ADDRESS	4	JESREAD	"V(READ)" IATDMNC SINGLE-BUFFER READ
1232	(4D0)	ADDRESS	4	JESSNAP	IATGRVT(F) CHNGD BY JESSNAP WHEN CALLED
1236	(4D4)	ADDRESS	4	TODMSG	"V(TODMSGX)" IATGRJM Create TOD message for job's JESMSG LG dataset
1240	(4D8)	ADDRESS	4	TVTSNPNA	SET BY IATABMN SNAP NUCTASK
1244	(4DC)	ADDRESS	4	JNADD	"V(JNADDX)" IATDCNC JNCB ADD
1248	(4E0)	ADDRESS	4	JNCBHL D	"V(JNCBHLDX)" IATDCNC JNCB SPECIFIC HOLD
1252	(4E4)	ADDRESS	4	JNCBREL	"V(JNCBRELX)" IATDCNC JNCB SPECIFIC RELEASE
1256	(4E8)	ADDRESS	4	JNDEL	"V(JNDELX)" IATDCNC JNCB DELETE
1260	(4EC)	ADDRESS	4	JNGET	"V(JNGETX)" IATDCNC JNCB GET
1264	(4F0)	ADDRESS	4	JNUMR	"V(RETURNJN)" IATGRJN RETURN A JOB NUMBER 2
1268	(4F4)	ADDRESS	4	JSERV	"V(JSERVX)" IATSSJS SUBSYSTEM COMMUNICATION
1272	(4F8)	ADDRESS	4	JSSDADR	"V(IATGRJS)" IATGRJS EP FOR IATGRJS
1276	(4FC)	ADDRESS	4	LOGIN	"V(LOGINX)" IATGRLG CONSOLE LOGIN
1280	(500)	ADDRESS	4	LOGOUT	"V(LOGOUTX)" IATGRLG CONSOLE LOGOUT
1284	(504)	ADDRESS	4	IATXRCVL	"V(RCVLID)" IATCNRN ROUTE CODE/DEST CLASS VALIDATION ROUTINE
1288	(508)	ADDRESS	4	TVTRD117	RESERVED FOR DEVELOPMENT

IATYINT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1292	(50C)	ADDRESS 1... ..	4	MOVEDATA NCKLOCKD	"V(MOVE)" IATDMDT MOVE DATA "X'80" NCK ROUTINES IN USE
1296	(510)	ADDRESS	4	NCBTAADD	"V(NCBTAADX)" IATDCNC NCB ADD
1300	(514)	ADDRESS	4	NCBTAFND	"V(NCBTAFDX)" IATDCNC NCB FIND
1304	(518)	ADDRESS	4	NCBTAGET	"V(NCBTAGTX)" IATDCNC NCB GET
1308	(51C)	ADDRESS	4	NCBTAPUT	"V(NCBTAPTX)" IATDCNC NCB WRITE
1312	(520)	ADDRESS	4	NCBTAREL	"V(NCBTARLX)" IATDCNC NCB RELEASE
1316	(524)	ADDRESS	4	NCKADD	"V(NCKTADDX)" IATDCNC NCB CKPT ADD
1320	(528)	ADDRESS	4	NCKDEL	"V(NCKTADLX)" IATDCNC NCB CKPT DEL
1324	(52C)	ADDRESS	4	POSTSRS	"V(SRSPOST)" IATGRGU POST SPEC RESHD DSPTS UAVL
1328	(530)	ADDRESS	4	PURCHAIN	"V(PURGCHN)" IATDMNC PURGE SINGLE-RECORD FILE CHAIN
1332	(534)	ADDRESS	4	PUTUNIT	"V(PUTUNI)" IATGRGU PUTUNIT
1336	(538)	ADDRESS	4	RCLOSE	IATRJM2 CLOSE TERMINAL DEVICE
1340	(53C)	ADDRESS	4	TVTRD120 (2)	RESERVED FOR DEVELOPMENT
1348	(544)	ADDRESS	4	TVTRS120 (2)	RESERVED FOR SERVICE
1356	(54C)	ADDRESS	4	TVTRU120 (2)	RESERVED FOR USER 3
1364	(554)	ADDRESS	4	RJPIO	IATRJM2 I/O TO TERMINAL DEVICE
1368	(558)	ADDRESS	4	RJPSNAP	IATGRVT CHANGED BY RJPSNPS DSP
1372	(55C)	ADDRESS 1... ..	4	ROPEN TVTRJPAC	IATRJM2 OPEN TERMINAL DEVICE "X'80" HI-ORDER BIT OF ROPEN 1 - RJP IS ACTIVE
1376	(560)	ADDRESS	4	TVTRU130	RESERVED FOR USER
1380	(564)	ADDRESS	4	RQTAADD	"V(RQTAADDX)" IATGRRQ RESQUEUE TABLE ADD
1384	(568)	ADDRESS	4	RQTADDEL	"V(RQTADELX)" IATGRRQ RESQUEUE TABLE DELETE
1388	(56C)	ADDRESS	4	RQTAPUT	"V(RQTAPUTX)" IATGRRQ RESQUEUE TABLE PUT
1392	(570)	ADDRESS	4	TVTRD130	RESERVED FOR DEVELOPMENT
1396	(574)	ADDRESS	4	TVTRS130	RESERVED FOR SERVICE
1400	(578)	ADDRESS	4	SPINOFF	"V(SPINOFFX)" IATOSGR SPINOFF SCHEDULING
1404	(57C)	ADDRESS	4	TVTRS140 (24)	RESERVED FOR SERVICE 4
1500	(5DC)	ADDRESS	4	TVTCSCH	IATIICS C/I SCHEDULER ENTRY POINT
1504	(5E0)	ADDRESS	4	TVTDSCH	IATIIPC DISABLE PROCESSING AND SCHEDULING ENTRY POINT
1508	(5E4)	ADDRESS	4	TVTSSCH	IATIIPS POSTSCAN SCHEDULER ENTRY PT
1512	(5E8)	ADDRESS	4	TVJCTREL	"V(XJCT2000)" IATGRJX DEQ FCT FROM ALL JCT'S
1516	(5EC)	SIGNED	4	TVTRD00H	RESERVED FOR DEVELOPMENT
1520	(5F0)	ADDRESS	4	TVTDISK	"V(DISK)" IATDMNC ENTRY PT FROM JSAM FCT
1524	(5F4)	ADDRESS	4	TVTFSSEPS (0)	Start IATGRFS entry pt list
1524	(5F4)	ADDRESS	4	TVTFSST	IATGRFS IATXFSS TYPE=START ENTRY
1528	(5F8)	ADDRESS	4	TVTFSSES	IATGRFS IATXFSS TYPE=FSSSTART ENTRY
1532	(5FC)	ADDRESS	4	TVTFSSECK	IATGRFS IATXFSS TYPE=CHKPT ENTRY
1536	(600)	ADDRESS	4	TVTFSSEAB	IATGRFS IATXFSS TYPE=ABEND ENTRY
1540	(604)	ADDRESS	4	TVTFSSECL	IATGRFS IATXFSS TYPE=CLEANUP ENTRY
1544	(608)	ADDRESS	4	TVTFSSEAM	IATGRFS IATXFSS TYPE=AMBCHK ENTRY
1548	(60C)	ADDRESS	4	TVTFSSEFP	IATGRFS IATXFSS TYPE=FSAPST ENTRY
1552	(610)	ADDRESS	4	TVTFSSESR	IATGRFS FSS Resource Termination Routine
1556	(614)	ADDRESS	4	TVTFSSEAR	IATGRFS IATXFSS TYPE=AUTOREST E.P.
1560	(618)	ADDRESS	4	TVTFSSEPN (0)	End IATGRFS entry pt. list
1560	(618)	X'24'	0	TVTFSSEPL	"TVTFSSEPN-TVTFSEPS" Len IATGRFS entry pt. list
1560	(618)	ADDRESS	4	TVTGSMS1	"V(UPDTCLCN)" IATMSSC Update GMS constraints
1564	(61C)	ADDRESS	4	TVTINPUT	"V(INPUT)" IATDMNC I/O INPUT ROUTINE
1568	(620)	ADDRESS	4	TVTOUTPT	"V(OUTPUT)" IATDMNC I/O OUTPUT ROUTINE
1572	(624)	ADDRESS	4	TVTXJCT	"V(IATXJCT)" IATGRJX JCT ACCESS ROUTINE
1576	(628)	ADDRESS	4	TVTXJQE	"V(IATXJQE)" IATGRJX JQE ACCESS ROUTINE
1580	(62C)	ADDRESS	4	TVTXSQE	IATGRSQ ADDR OF STORAGE Q MNGR
1584	(630)	ADDRESS 1... ..	4	TVTXTOD TVTXTODF	"V(TODX)" IATGRCT TOD SERVICE ROUTINE "X'80" HIGH ORDER BIT OF TVTXTODF 1-BINARY REQUEST
1588	(634)	ADDRESS	4	TVTCNTOR	"V(CNTORG)" IATGRCT RTN TO CYCLE FCTS W/O AWAIT
1592	(638)	ADDRESS	4	TVTDSP00	"V(ATMDSP00)" IATGRCT AUX TASK DISPATCHER
1596	(63C)	ADDRESS	4	VATAFCT	"V(ATAFCT)" IATGRG1 ATTACH FCT ROUTINE
1600	(640)	ADDRESS	4	VGETFCT	"V(GETFCT)" IATGRG1 GET FCT ROUTINE
1604	(644)	ADDRESS	4	VGETRSQ	"V(GETRSQ)" IATGRRQ GET RESQUEUE ROUTINE

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1608	(648)	ADDRESS	4	WRTCHAIN	"V(WRTCHN)" IATDMNC WRITE CHAIN OF SRF-S
1612	(64C)	ADDRESS	4	ZEROCORE	"V(ZEROCRE)" IATDMNC CLEAR CORE TO ZEROS 1
1616	(650)	ADDRESS	4	IATXOSWS	"V(IATOSWS)" IATOSWS OUTPUT SERVICE SCHEDULER
1620	(654)	ADDRESS	4	IATXOSSC	"V(IATOSSC)" IATOSSC OUTPUT SERVICE SUBSYSTEM SYSOUT REQUEST SCHEDULER
1624	(658)	ADDRESS	4	IATXOSBM	"V(IATOSBM)" IATOSBM OUTPUT SERVICE BDT MANAGER
1628	(65C)	ADDRESS	4	IATXOSPC	"V(IATOSPC)" IATOSPC OUTPUT SERVICE PSO REQUEST SCHEDULER
1632	(660)	ADDRESS	4	IATXOSSO	"V(IATOSSO)" IATOSSO Output Service SYSOUT Appl Programming Interface (SAPI)
1636	(664)	ADDRESS	4	TVTJQENQ	"V(JSSJQENQ)" IATGRJS ADD A JQE TO A READY OR WAIT QUEUE
1640	(668)	ADDRESS	4	TVTJQEDQ	"V(JSSJQEDQ)" IATGRJS DELETE A JQE FROM A READY OR WAIT QUEUE
1644	(66C)	ADDRESS	4	TVTNOTFY	"V(JSSNOTFY)" IATGRJS NOTIFY ROUTINE
1648	(670)	ADDRESS	4	DLOCON	"V(SSSDSLON)" IATSSDS Activate a dest queue entry
1652	(674)	ADDRESS	4	DSQLOCEP	"V(SSSDSLOC)" IATSSDS Locate a dest queue entry
1656	(678)	ADDRESS	4	DLOCOFF	"V(SSSDSLOF)" IATSSDS Deactivate a dest queue entry
1660	(67C)	ADDRESS	4	TVTRD150 (3)	RESERVED FOR SERVICE
1672	(688)	ADDRESS	4	TVTRS150 (9)	RESERVED FOR SERVICE
1708	(6AC)	ADDRESS	4	TVTRU150 (10)	RESERVED FOR USER
1748	(6D4)	ADDRESS	4	TVTEPE (0)	END OF ENTRY POINTS

Comment

TVTEPE MARKS THE END OF THE TVT ENTRIES IMPACTING IATUTIC

MISCELLANEOUS TABLES AND DATA POINTERS - FULLWORD

End of Comment

1748	(6D4)	ADDRESS	4	AASPMAP	"V(NUCMAP)" IATGRVT(F) MAP OF IATNUC CSECTS
1752	(6D8)	ADDRESS	4	ABENDDCB	SET BY IATABN0 ABEND DCB 4
1756	(6DC)	ADDRESS	4	TVTRD151	RESERVED FOR DEVELOPMENT 0216
1760	(6E0)	ADDRESS	4	ACONCONS	"V(IATCNEN)" DATA CSECT FOR CONSOLE SERVICE
1764	(6E4)	ADDRESS	4	TVTRD152	RESERVED FOR DEVELOPMENT
1768	(6E8)	ADDRESS	4	ASYSIOSP	SET BY IATINC2 CONSOLE ATTENTION SAVE
1772	(6EC)	ADDRESS	4	TVTRD155	Reserved for development
1776	(6F0)	ADDRESS	4	JESMSGRT	SET BY IATINC2 ROUTE CODE MAPPING TABLE
1780	(6F4)	SIGNED	4	TVT8500D	MSG ADDR FOR IAT8500 MESSAGE
1784	(6F8)	ADDRESS	4	TVTFDCTA	IATINIO Address of File Directory 0008 (FD) Control area 0008
1788	(6FC)	ADDRESS	4	TVTRSV01	Reserved 0008
1792	(700)	ADDRESS	4	AIOFDLST	IATINIO ADDRESS OF LAST FD ENTRY
1796	(704)	ADDRESS	4	AIOFDTOP	IATINIO ADDRESS OF FIRST FD ENTRY
1800	(708)	SIGNED	2	TVTMXINT	JES3 INITIATOR LIMIT
1802	(70A)	SIGNED	2	TVTSUPNO	SET BY IATINDEV NUMBER OF SUPUNITS
1804	(70C)	ADDRESS	4	TVTEUDTA	"V(EUDATA)" IATDMTK Extent Utilization Data 16763TDA
1808	(710)	BITSTRING	12	TVTDSFDB	DUMP SUPPRESSION CKPT
1820	(71C)	ADDRESS	4	TVTDMCDE	DUMP SUPPRESSION TABLE

Comment

GMS LOCK FLAG AND HOLDING FCT ADDRESS

End of Comment

1824	(720)	SIGNED	4	TVTGMSUP	GMS FCT
1828	(724)	BITSTRING	1	TVTGMSFL	GMS FLAG 1

IATYINT Map

Offsets		Type/Value 1... ..	Len	Name (Dim)	Description
Dec	Hex				
1829	(725)	BITSTRING	3	TVTRU160	"X'80" GMS UPDATE PENDING RESERVED FOR USER
1832	(728)	ADDRESS	4	ASPTCB	"V(ASPTCBX)" IATGRCT TCB ADCON
1836	(72C)	ADDRESS	4	TVTRDYFC	"V(RDYQFCT)" READY QUEUE FCT ADDRESS
1840	(730)	ADDRESS	4	CKPTAREA	IATINGL CHECKPOINT AREA
1844	(734)	ADDRESS	4	TVTIRA	INTRDR ANCHOR BLOCK ADDRESS
1848	(738)	ADDRESS	4	TVTHWQE	END OF HOT WRITER WAIT QUEUE0370
1852	(73C)	ADDRESS	4	DRDCB	IATISCB DCB FOR IATISDR
1856	(740)	ADDRESS	4	DSIFCT	"V(DSIFCT)" IATGRPT DYNAMIC SYSTEM INTERCHANGE FCT
1860	(744)	ADDRESS	4	DSPCONVI	"V(CI)" IATGRPT(F) DSP DICT ENTRY FOR CI
1864	(748)	ADDRESS	4	DSPDISBL	"V(DISABLE)" IATGRPT DSP DICT ENTRY FOR DISABLE
1868	(74C)	ADDRESS	4	DSPENABL	"V(ENABLE)" IATGRPT DSP DICT ENTRY FOR ENABLE
1872	(750)	ADDRESS	4	DSPISDRV	"V(ISDRVR)" IATGRPT DSP DICT ENTRY FOR INPUT SERV.
1876	(754)	ADDRESS	4	DSPMAIN	"V(MAIN)" IATGRPT DSP DICT ENTRY FOR MAIN
1880	(758)	ADDRESS	4	DSPPOSTSC	"V(POSTSCAN)" IATGRPT DSP DICT ENTRY FOR POSTSCAN
1884	(75C)	ADDRESS	4	DSPDMJA	"V(DMJA)" IATGRPT DSP DICT ENTRY FOR DMJA
1888	(760)	ADDRESS	4	DSPOUTPT	"V(OUTSERV)" IATGRPT DSP DICT ENTRY FOR OUTSERV
1892	(764)	ADDRESS	4	DSPFSSCT	"V(FSSCONT)" IATGRPT DSP DICT ENTRY FOR FSS CONTROLLER
1896	(768)	ADDRESS 1... ..	4	DSPURGE TVTDRFLG	"V(PURGE)" IATGRPT DSP DICT ENTRY FOR PURGE "X'80" HIGH ORDER BIT OF DRDCB 1 = DRDCB IN USE
1900	(76C)	BITSTRING	1	DNMCONVI	IATGRPT(F) DSP NUMBER FOR CI
1901	(76D)	BITSTRING	1	DNMDISBL	IATGRPT DSP NUMBER FOR DISABLE
1902	(76E)	BITSTRING	1	DNMENABL	IATGRPT DSP NUMBER FOR ENABLE
1903	(76F)	BITSTRING	1	DNMISDRV	IATGRPT DSP NUMBER FOR INPUT SERV.
1904	(770)	BITSTRING	1	DNMMAIN	IATGRPT DSP NUMBER FOR MAIN
1905	(771)	BITSTRING	1	DNMPSTSC	IATGRPT DSP NUMBER FOR POSTSCAN
1906	(772)	BITSTRING	1	TVTRD190	RESERVED FOR DEVELOPMENT
1907	(773)	BITSTRING	1	DNMOUTPT	IATGRPT DSP NUMBER FOR OUTSERV
1908	(774)	BITSTRING	1	DNMPURGE	IATGRPT DSP NUMBER FOR PURGE
1909	(775)	BITSTRING	1	TVTRD200	RESERVED FOR DEVELOPMENT
1910	(776)	SIGNED	2	TVTSJFWK	IATUX20 SWBTUREQ WORKING STG SIZE 2
1912	(778)	ADDRESS	4	FIRSTDEB	SET BY IATGROP ADDR OF JES3 EXCP DEB AVT 2
1916	(77C)	ADDRESS	4	TVTFSFCT	"V(FSFCT)" IATGRPT FCT FOR FAILSOFT
1920	(780)	ADDRESS	4	TVTWTFFCT	"V(WAITFCT)" IATGRPT WAIT FCT
1924	(784)	ADDRESS	4	IOERRFCT	SET BY IATDMGB DISK I/O ERROR RECOVERY FCT 4
1928	(788)	ADDRESS	4	TVTSPPLST	IATINSP SPOOL PARTITION QUEUE
1932	(78C)	ADDRESS	4	TVTTGBAD	IATDMTK ADDR OF TRACK BYPASS TABLE
1936	(790)	ADDRESS	4	TVTBTR	IATDMTK BTR CKPT RCD (CKPT DS BACKUP)
1940	(794)	ADDRESS	4	TVTPTCAD	IATINSP ADDR OF PTAT CKPT RECORD
1944	(798)	ADDRESS	4	TVTSPREL	IATINSP SPART RELATIVE VECTOR
1948	(79C)	ADDRESS	4	TVTEXREL	IATINSP EXTENT RELATIVE VECTOR
1952	(7A0)	ADDRESS	4	TVTSPINT	IATINSP INITIALIZATION SPOOL PARTITION
1956	(7A4)	ADDRESS	4	TVTSPDEF	IATINSP DEFAULT SPOOL PARTITION
1960	(7A8)	BITSTRING	8	TVTSPID	IATINSD SPOOL CHECKPNT ID (DATE/TIME)
1968	(7B0)	BITSTRING	1	TVTSPFLG	SPOOL STATUS FLAGS

Comment

DEFINITION OF TVTSPFLG

End of Comment

1... ..	TVTSPPCCK	"X'80" IATGRCP PTATS CHECKPOINTED
.1.	TVTSPDEL	"X'40" IATINSD A SPOOL DS WAS DELETED
..1.	TVTSPUNV	"X'20" IATINSD A SPOOL DS IS UNAVAILABLE
...1	TVTSPRPL	"X'10" IATINSD A SPOOL DS WAS REPLACED

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... 1...		TVTSPADD	"X'08" IATINSD A SPOOL DS ADDED ON RESTART
		.... .1..		TVTSPSTT	"X'04" IATINST STT EXTENTS ALLOCATED DYNAM.
		.... ..1.		TVTSPCHG	"X'02" IATMOSP TAT MANIPULATION IN PROGRESS
		.... ...1		TVTSPAP	"X'01" IATINSP TRACK ALLOCATION PERMITTED
1969	(7B1)	BITSTRING	1	TVTSPFL2	Spool status flag 2 16893TBC
----- Comment -----					

DEFINITION OF TVTSPFL2					

----- End of Comment -----					
		1...		TVTSTTRP	"X'80" IATDMTK STT reconfiguration in 16893TBA progress 16893TBA
		.1..		TVTSTTRC	"X'40" IATDMTK STT reconfig. is complete 16893TBA
1970	(7B2)	SIGNED	2	TVTSP	IATINIO NUMBER OF SPOOL PARTITIONS
1972	(7B4)	BITSTRING	28	TVTRTAT	IATINSNA - RJPTAT FDB 1
2000	(7D0)	BITSTRING	2	TVTRS210	RESERVED FOR SERVICE
2002	(7D2)	BITSTRING	6	TVTINSPA	SAVED JOB TAT SPOOL ADDRESS USED FOR INITIALIZATION
2008	(7D8)	BITSTRING	12	TVTRU210	RESERVED FOR USER
2020	(7E4)	ADDRESS	4	TVTNTTRCA	IATINIT NUC TASK PATH TRACE TABLE
2024	(7E8)	ADDRESS	4	TVTATRCA	IATINAX AUX TASK PATH TRACE TABLE
2028	(7EC)	ADDRESS	4	TVTJNCHN	IATGRAN PTR TO IATYJNRM C/BLOCK
2032	(7F0)	ADDRESS	4	TVTRD210	Reserved for development
2036	(7F4)	ADDRESS	4	OSSRQTOP	IATOSDR START OF RQ OUTPUT CHAIN
2040	(7F8)	ADDRESS	4	OSSWAIT	SET BY IATGRRQ OUTPUT SERVICE WAIT Q
2044	(7FC)	ADDRESS	4	TVTRS219	Reserved for development
2048	(800)	DBL WORD	8	(0)	ALIGN TO DOUBLEWORD
2048	(800)	ADDRESS	4	RJPASYNQ	RJP ASYNCHRONOUS BUFFER QUEUE
2052	(804)	ADDRESS	4	RJPECB (0)	RJP POST ECB
2052	(804)	BITSTRING	1	RJPECF	RJP POST FLAG BYTE
2053	(805)	BITSTRING	3		USED BY MVS POST
		1...		RJPECFCE	"X'80" CHANNEL END OCCURRED
		.1..		RJPECFMT	"X'40" TIME LIMIT EXPIRED
		..1.		RJPECFAB	"X'20" RJP LINE TO BE CANCELLED
		...1		RJPECFOP	"X'10" OPERATOR COMMAND RECEIVED
		.... 1..		RJPECFST	"X'08" RJP LINE TO BE STARTED
		.... ..1.		RJPEFCFN	"X'04" REMOTE CONS Q-ED TO DEPTH
		.... ..1.		RJPECFLL	"X'02" LOCAL LOCK FREED POST
2056	(808)	ADDRESS	4	RJPLDCTQ	ACTIVE LINE QUEUE
2060	(80C)	ADDRESS	4	RQWTRTOP	SET BY IATGRRQ OUTPUT SERVICE WTR Q
2064	(810)	ADDRESS	4	SNAPDCBA	SET BY IATABMN JES3SNAP DCB
2068	(814)	ADDRESS	4	SPORQTOP	IATOSDR START OF SPINOFF RQ CHAIN 9
2072	(818)	ADDRESS	4	TVTCTCB	IATINAT C/I SUBTASK TCB
2076	(81C)	ADDRESS	4	TVTICTCH	IATINAT INTERP. CONTROL TABLE CHAIN
2080	(820)	ADDRESS	4	TIDSNT	IATINIF RESDSN TABLE ADDRESS
2084	(824)	ADDRESS	4	TIHWST	IATINIF HIGHWATER SETUP NAME TABLE
2088	(828)	ADDRESS	4	TIPARMS	IATINIF CIPARM TABLE ADDRESS
2092	(82C)	ADDRESS	4	TPROCCHN	IATINIP CI PROCLIB TABLE ADDRESS 2
2096	(830)	ADDRESS	4	TVTCKFCT	ADDR OF FCT ISSUING ERRXXX
2100	(834)	ADDRESS	4	TVTCKMSG	ADDR OF MSG BUFFER ERRXXX
2104	(838)	BITSTRING	4	TVTFSLGA	IATABMN FAILSOFT LOGOUT AREA (AVAIL)
		1...		TVTFSLOG	"X'80" HIGH ORDER BIT OF TVTFSLGA 1-LOGOUT AREA AVAILABLE
2108	(83C)	BITSTRING	4	TVTFSWA	IATINIT FAILSOFT WK AREA-SP5 (AVAIL)
		1...		TVTFSWRK	"X'80" HIGH ORDER BIT OF TVTFSWA 1-WORK AREA AVAILABLE
2112	(840)	ADDRESS	4	TVTIOPRM	IATINSD ADDR I/O PARAMETER BLOCK 1
2116	(844)	ADDRESS	4	TVTIQECA	"V(INQECF)" INQUIRY ECF ADDRESS
2120	(848)	ADDRESS	3		MUST BE ZERO
2123	(84B)	ADDRESS	1	TVTIQECM	INQUIRY LOCAL PROC ECF MASK
2124	(84C)	ADDRESS	4	TVTITKPM	SET BY IATINIT IATINTK PARMS LIST ADDR
2128	(850)	ADDRESS	4	TVTJDEQ	"V(ALDJDEQ)" IATGRDL JES3 ALOAD Q

IATYINT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
2132	(854)	ADDRESS	4	TVTRD215	RESERVED FOR DEVELOPMENT
2136	(858)	ADDRESS	4	TVTLTRC	IATINSV ADDR OF LAST TRACE POINTER
2140	(85C)	ADDRESS	4	TVTMAPRJ	SET BY IATRJDV MAP FOR CSECTS IN IATRJMN 1
2144	(860)	ADDRESS	4	TVTMOECA	"V(MODECF)" MODIFY ECF ADDRESS
2148	(864)	ADDRESS	3		MUST BE ZERO
2151	(867)	ADDRESS	1	TVTMOECM	MODIFY LOCAL PROC ECF MASK
2152	(868)	ADDRESS	4	TVTMSPAT	SET BY IATINMD ADDRESS OF FIRST IATYPAT
2156	(86C)	ADDRESS	4	TVTMSU	SET BY IATINMD ADDRESS OF FIRST IATYMSU
2160	(870)	ADDRESS	4	TVTNTTCK	IATNTTCK entry point
2164	(874)	ADDRESS	4	TVTFSL	SET BY IATFSLG IATYFSL ADDR IF EXISTS 2
2168	(878)	ADDRESS	4	TVTABMNE	IATABMN Outer ESTAE entry point
2172	(87C)	ADDRESS	4	OSWSQUE	Writer Wait Queue
2176	(880)	ADDRESS	4	TVTSAPWQ	SAPI Thread Wait for Work Queue
2180	(884)	ADDRESS	4	TVTRS220 (3)	RESERVED FOR SERVICE
2192	(890)	BITSTRING	8	TVTTLSTST	IATINIT Last start time and date 11565S5A in STCK format.
2200	(898)	ADDRESS	4	TVTRS221	Reserved for service 18684TAC
2204	(89C)	ADDRESS	4	TVTDCNDB	"V(DUMYCNDDB)" Address of dummy CNDB in TVT extension
2208	(8A0)	ADDRESS	4	TVTJMQA	JESMSG Q CONTROL ADDRESS
2212	(8A4)	ADDRESS	4	TVTJSSDA	"V(JSSDATA)" JSS WAIT & READY QUEUES
2216	(8A8)	SIGNED	4	TVTMSDM	MSG ID FOR IAT1101/IAT1103

Comment

 TVTPJCL is the ARM FCT ECF. It must be on a fullword boundary for compare and swap.

End of Comment

2220	(8AC)	SIGNED	4	(0)	
2220	(8AC)	BITSTRING	1	TVTPJCL	ARM FCT ECF
		1... ..		TVTPJCLP	"X'80" XPJCL POST
2221	(8AD)	BITSTRING	1	TVTRD220 (3)	RESERVED FOR DEVELOPMENT
2224	(8B0)	ADDRESS	4	TVTNUCT	IATINIT NUC TASK TCB ADDRESS
2228	(8B4)	ADDRESS	4	TVTAUXT	IATINAX AUX TASK TCB ADDRESS
2232	(8B8)	SIGNED	4	TVTSTECB	TASK SERIALIZATION WAIT ECB
2236	(8BC)	ADDRESS	4	TVTSTTCB	ADDRESS OF STATUS STOPPED TCB
2240	(8C0)	ADDRESS	4	TVTATCB	"V(ATCB)" ADDRESS OF ATCB IN IATATCB
2244	(8C4)	ADDRESS	4	SRJPSNDU	SET BY IATSNLD DFC OUTPUT ROUTINE
2248	(8C8)	ADDRESS	4	SRJPSNDR	SET BY IATSNLD DFC RESPONSE IRB ROUTINE
2252	(8CC)	ADDRESS	4	SRJPSRBR	SET BY IATSNLD DFC RESPONSE SRB ROUTINE
2256	(8D0)	ADDRESS	4	SRJPSNDP	SET BY IATSNLD DFC RUPUT ROUTINE
2260	(8D4)	ADDRESS	4	SRJPSNDS	SET BY IATSNLD DFC SEND ROUTINE
2264	(8D8)	ADDRESS	4	SRJPSNDE	SET BY IATSNLD DFC TERMINATE ROUTINE
2268	(8DC)	ADDRESS	4	SRJPRSET	SET BY IATSNLD DFC RESET ENTRY TO SNDE
2272	(8E0)	ADDRESS	4	SRJPSNDF	SET BY IATSNLD DFC FRR ROUTINE
2276	(8E4)	ADDRESS	4	SRJPSNDA	SET BY IATSNLD DFC RC ANALYSIS ROUTINE
2280	(8E8)	ADDRESS	4	TVTRS230	RESERVED FOR SERVICE
2284	(8EC)	ADDRESS	4	TVTRU230 (3)	RESERVED FOR USER

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				

CODE AND ASSOCIATED AREAS					
0					
Certain dummy instructions are defined as place 0 holders in DSECTs for corresponding real code in 0 IATGRVT. These place holders use hard coded 0 register numbers instead of IATYREG equates because 0 not all register equates are defined in PL/X modules 0 generated from CASE. 0					

End of Comment					
2296	(8F8)	ADDRESS	4	TVTTRC2	IATMOTR ADDR OF TRACE TRAP CODE
2300	(8FC)	SIGNED	4	TVTTRC3	IATGRTX R14 SAVE AREA - TRACE TRAP
2304	(900)	ADDRESS	4	DCTRAPS	IATUTDC DC TRAP
2308	(904)	SIGNED	4	TVTRD230 (3)	RESERVED FOR DEVELOPMENT
2340	(924)	SIGNED	4	DSPRSCNT	Number of DSPs in specialized reschedule
2344	(928)	SIGNED	4	TVTISJ	IATISEN Number of jobs that have gone through input service
2348	(92C)	SIGNED	4	TVTMBJ	IATGRJS Number of jobs that have gone through main service

NOTE: THE TVT IS SAVED FROM THIS POINT ON FOR INISH CHECKPOINT STANDARDS/DEFAULTS AND DATA - FULLWORD					

End of Comment					
2352	(930)	SIGNED	4	TVTINSAV (0)	
2352	(930)	SIGNED	8	TVINITID	SET BY IATINIC,INCD SPOOL RCRDS INISH ID
2352	(930)	X'930'	0	TVTIDDAT	"TVINITID,4" Date portion of id
2352	(930)	X'934'	0	TVTIDTIM	"TVINITID+4,4" Time portion of id
2360	(938)	BITSTRING	12	TVTHRINF (0)	Hot/Refresh information
2360	(938)	SIGNED	4	TVTHRDAT	Hot/refresh date
2364	(93C)	SIGNED	4	TVTHRTIM	Hot/refresh time
2368	(940)	SIGNED	4	TVTHRCNT	Number of hot starts with refresh since last cold or warm start
2372	(944)	BITSTRING	12	TVTCFINF (0)	*MODIFY,CONFIG information
2372	(944)	SIGNED	4	TVTCFDAT	*MODIFY,CONFIG date
2376	(948)	SIGNED	4	TVTCFTIM	*MODIFY,CONFIG time
2380	(94C)	SIGNED	4	TVTCFCNT	Number of *MODIFY,CONFIG requests since last cold, warm, or hot start with refresh
2384	(950)	BITSTRING	12	TVTYSYSL	IATYSYSL chain
2396	(95C)	SIGNED	4	AIONOBFN	IATINIO NO.OF CORE AWAITS FOR BUFS
2400	(960)	SIGNED	2	TVTGRPSZ	IATINSP SPOOL RECORDS PER TRACK GROUP
2402	(962)	BITSTRING	1	TVTMINTR	IATINSP MIN TRK GROUP PCT. SYS DEFLT
2403	(963)	BITSTRING	1	TVTMRGTR	IATINSP MARG TRK GROUP PCT. SYS DEFLT 1
2404	(964)	SIGNED	4	TVTDMPLN	IATINIC MAXIMUM LINES FOR DUMP
2408	(968)	SIGNED	4	IPLMASK	MAIN IPL MASK
2412	(96C)	SIGNED	4	TVTMAXC	IATINCH DEFAULT JOB CARDS (X 100)
2416	(970)	SIGNED	4	TVTMAXL	IATINCH DEFAULT JOB LINES (X 1000)
2420	(974)	SIGNED	4	TVTMAXP	IATINCH DEFAULT JOB PAGES
2424	(978)	SIGNED	4	TVTMAXB	IATINCH DEFAULT JOB BYTES (X 1000)
2428	(97C)	SIGNED	4	SIZEBUF	SET BY IATINIO SIZE OF BUFFER
2428	(97C)	X'97E'	0	BUFSZ	"SIZEBUF+2,2,C'H" SIZE OF BUFFER - HALFWORD
2432	(980)	SIGNED	4	TVTONMSK	ON-LINE MAIN MASK 0181
2436	(984)	SIGNED	4	TVTSNECB	ECB POSTED ON SNAP NUCTASK COMPLETION.
2440	(988)	SIGNED	4	TVTCIECB	IATINAT ECB FOR C/ SUBTASK
		1...		TVTCISBW	"X'80" IATIISB IS WAITING

IATYINT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				

ADDRESS SPACE SPECIFIC CI COUNTS					

End of Comment					
2444	(98C)	SIGNED	4	TVTMXDCI	MAXIMUM NUMBER OF CI DSPS FOR DEMAND/SELECT JOBS IN ADDRESS SPACE
2448	(990)	SIGNED	4	TVTUCDCI	DEMAND/SELECT CI DSPS : NUMBER IN USE
2452	(994)	SIGNED	4	TVTATDCI	DEMAND/SELECT CI SUBTASKS NUMBER ATTACHED 4
2456	(998)	SIGNED	4	TVTSBCNT (0)	IATINAT INTERP DSP SUBTASK COUNTS
2456	(998)	X'99A'	0	TVTCICNT	"TVTSBCNT+2,2" NUMBER OF C/I SUBTASKS
2460	(99C)	SIGNED	4	TVTPSDMX	DEMAND/SELECT POSTSCAN DSPS MAXIMUM NUMBER
2464	(9A0)	SIGNED	4	TVTPSDUS	DEMAND/SELECT POSTSCAN DSPS NUMBER IN USE
2468	(9A4)	CHARACTER	8	XCFGRPNM	JESXCF GROUP NAME SPECIFIED ON THE OPTIONS INITIAL- IZATION STATEMENT, BLANK IF NOT SPECIFIED OR NOT SPECIFIED CORRECTLY
2476	(9AC)	CHARACTER	8	XCFDEFGP	Home Node name from last Cold or Warm start. Used for XCFGRPNM default.
2484	(9B4)	SIGNED	4	TVTBSZDT	BUFFER DATA SIZE
2488	(9B8)	SIGNED	4	TVTCPUID	CPUID FROM SMCA
2492	(9BC)	SIGNED	4	TVTDATSZ	IATINIO IATYDAT SIZE (BUFSZ+DAT HDR)
2496	(9C0)	SIGNED	4	TVTDM SAV (4)	TRACE SAVE AREA
2512	(9D0)	SIGNED	4	TVTDMTRC (8)	JES3IOS TRACE DATA AREA
2544	(9F0)	ADDRESS	4	TVTAXWC	IATINIO Address of the ASAXWC parameter/work area
2548	(9F4)	SIGNED	4	TVTMAINJ	MAIN MASK OF ALL JES3 MAINS
2552	(9F8)	SIGNED	4	TVTSIOSV (6)	JES3SDM SAVE AREA
2576	(A10)	SIGNED	4	TVTUTIC	IATUTIC WORK AREA
2580	(A14)	SIGNED	4	TVTWAITS	IATGRCT TOTAL OS WAITS - JES3 TCB
2584	(A18)	SIGNED	4	TVTMNSMS	MASK OF MAIN PROCESSORS THAT HAVE SMS INSTALLED
2588	(A1C)	SIGNED	4	TVTRD260 (9)	RESERVED FOR DEVELOPMENT
2624	(A40)	SIGNED	4	TVTVALID	IATDMTK Maximum VALID value used
2628	(A44)	SIGNED	4	TVTRS260 (13)	Reserved for Service 0027
2680	(A78)	CHARACTER	2	TVTMEMBR	Inish deck suffix used last
2682	(A7A)	ADDRESS	1	TVTDLIM	WANTDUMP=YES limit 0027
2683	(A7B)	ADDRESS	1	TVTWDITV	WANTDUMP=YES interval in 0027 minutes 0027
2684	(A7C)	SIGNED	2	TVTJBNSE	COUNT OF FREE SECONDARY- JSAM BUFFER EXTENTS
2686	(A7E)	SIGNED	2	TVTJBDTH	JSAM BUFFER DELETE THRESH
2688	(A80)	SIGNED	2	TVTPPAGS	PAGE COUNT - PRIMARY EXT.
2690	(A82)	SIGNED	2	TVTSPAGS	PAGE COUNT - SECONDARY EXT.
2692	(A84)	SIGNED	2	TVTJBLIM	Maximum number of 08792TAC secondary JSAM extents 08792TAC
2694	(A86)	SIGNED	2	TVTJBEXP	COUNT OF JSAM BUFFER POOL- EXPANSIONS
2696	(A88)	SIGNED	4	TVTRU260 (5)	RESERVED FOR USER 2
2716	(A9C)	SIGNED	4	TVTSCANI	IATGRDL SCAN CYCLE INTERVAL USED IN SCAN DELETE ROUTINE. TO DISABLE ROUTINE, SET THIS VALUE TO ZERO
2720	(AA0)	SIGNED	4	TVTRD270 (2)	RESERVED FOR DEVELOPMENT
2728	(AA8)	SIGNED	4	TVTRS270 (2)	RESERVED FOR SERVICE
2736	(AB0)	SIGNED	4	TVTRU270 (2)	RESERVED FOR USER
2744	(AB8)	SIGNED	2	TVTDMCSZ	LENGTH OF ONE DMC
2746	(ABA)	SIGNED	2	TVTDMCPG	# OF DMC'S FIT IN ONE PAGE
2748	(ABC)	SIGNED	4	TVTRD280 (4)	RESERVED FOR DEVELOPMENT
2764	(ACC)	SIGNED	4	TVTMUBLN	IATINIO Maximum user buffer length, This field is the maximum space available for user data in one buffer. It equals TVTBSZDT - (L'DATCC+L'DATCCX)
2768	(AD0)	SIGNED	4	TVTMLRL	IATINIO MAXIMUM LOGICAL RECORD LEN
2772	(AD4)	SIGNED	4	TVTDLMSK	IATINIO DATA LENGTH MASK, THIS FIELD IS USED TO ISOLATE THE LENGTH FIELD OF THE DATCC

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
2776	(AD8)	ADDRESS	4	SRJPSNSG	SET BY IATSNLD SAVE AREA GET ROUTINE
2780	(ADC)	ADDRESS	4	SRJPSNJP	SET BY IATSNLD JES3 POST ROUTINE
2784	(AE0)	ADDRESS	4	SRJPSNFI	SET BY IATSNLD FM INBOUND ROUTINE
2788	(AE4)	ADDRESS	4	SRJPSNFO	SET BY IATSNLD FM OUTBOUND ROUTINE
2792	(AE8)	ADDRESS	4	SRJPSNPI	SET BY IATSNLD PS INBOUND ROUTINE
2796	(AEC)	ADDRESS	4	SRJPSNPO	SET BY IATSNLD PS OUTBOUND ROUTINE
2800	(AF0)	ADDRESS	4	SRJPSNLM	SET BY IATSNLD MSG RTN ENTRY POINT
2804	(AF4)	ADDRESS	4	TVTRS280	RESERVED FOR SERVICE

Comment

 FDB'S AND DATA - HALFWORD

End of Comment

2808	(AF8)	BITSTRING	12	DJCKCFDB	DJC CKPT FDB 1
2820	(B04)	BITSTRING	12	GMSFDB	MAIN SCHEDULING CHKPT FDB 1
2832	(B10)	BITSTRING	28	MNTRKFDB	SINGLE TRACK TABLE TAT FDB 4
2860	(B2C)	BITSTRING	12	SMRFDB	SELECT MODE RECORD FDB 1
2872	(B38)	BITSTRING	12	TVONLFDDB	SYSUN VARY STATUS CKPT FDB 1
2884	(B44)	BITSTRING	28	JCTRFDB	JCT ALLOCATION DUMMY TAT FDB 3
2912	(B60)	BITSTRING	12	TVTFFSFD	FSS/FSA CHECKPT ROOT FDB
2924	(B6C)	BITSTRING	4	TVTRD290	RESERVED FOR DEVELOPMENT 6
2928	(B70)	BITSTRING	12	TCKFDB	TCP/IP Checkpoint FDB
2940	(B7C)	SIGNED	2	AFGABNUM	IATABMN JES3 FAILURE NUMBER
2942	(B7E)	SIGNED	2	AIOBFUSE	IATINIO NUMBER OF BUFFERS IN USE
2944	(B80)	SIGNED	2	TVTSNNUM	JES3 FAILURE NUMBER ASSOCIATED WITH SNAP NUCTASK REQUEST.
2946	(B82)	SIGNED	2	AIONBUFS	IATINIO NUMBER OF JES3 BUFFERS
2948	(B84)	SIGNED	2	AIONOBFM	IATINIO MAX NUMBER EVER IN USE 12
2950	(B86)	SIGNED	2	TVTRD300 (2)	Reserved for IBM
2954	(B8A)	SIGNED	2	TVTDATFS	IATINIO SIZE FIXED PORTION IATYDAT
2956	(B8C)	SIGNED	2	TVTRD305 (6)	Reserved for IBM 2
2968	(B98)	SIGNED	2	AIOBMIN	- IATINIO MIN. JSAM BUFFERS
2970	(B9A)	SIGNED	2	TVTDYSCR	DYNALLOC SCRATCH JVT NUMBER
2972	(B9C)	SIGNED	2	TVTRS310 (4)	Reserved for Service

Comment

18463TAA
 18463TAA
 IMPORTANT NOTE ABOUT FLAG TVTSPFLC: 18463TAA
 18463TAA
 The flag TVTSDION (x'80') is being retired in HJS7790. 18463TAA
 However, since the flag is part of the checkpoint, it 18463TAA
 may not be set in a customer version because: 18463TAA
 18463TAA
 (1) the customer has always been hot starting since the 18463TAA
 introduction of OW01162 18463TAA
 (2) or, the customer explicitly set SDI to OFF. 18463TAA
 18463TAA
 In HJS7790, SDI is no longer optional and the flag is 18463TAA
 ignored. If a customer falls back to a prior release of 18463TAA
 JES3, the system will act the same way as it did before a 18463TAA
 hot start to HJS7790. That way the customer is unaffected 18463TAA
 with respect to SDI checking on the lower level system. 18463TAA
 18463TAA
 18463TAA

End of Comment

2980	(BA4)	BITSTRING	1	TVTSPFLC	Spool Flags - checkpointed
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IATYINT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- Definition of TVTSPFLC -----					
End of Comment					
		1...		TVTSDION	"X'80" SDI=YES specified
		.1..		TVTDSI40	"X'40" Reserved for Service
		..1.		TVTDSI20	"X'20" Reserved for Service
		...1		TVTDSI10	"X'10" Reserved for Service
		.... 1..		TVTDSI08	"X'08" Reserved for Service
		.... .1..		TVTDSI04	"X'04" Reserved for Service
		.... ..1.		TVTDSI02	"X'02" Reserved for Service
		.... ...1		TVTDSI01	"X'01" Reserved for Service
2981	(BA5)	BITSTRING	1	TVTISFLG	Input Service Flags - checkpointed
Comment					
----- Definition of TVTISFLG -----					
End of Comment					
		1...		TVTASPE	"X'80" ALTJCL=ERROR specified (flag ASP-style JECL as errors)
		.1..		TVTASPW	"X'40" ALTJCL=IGNOREW specified (flag ASP-style JECL as warnings)
		..1.		TVTASPC	"X'20" ALTJCL=COMMENT specified (treat ASP-style JECL as comments)
		...1		TVTISF10	"X'10" Reserved for IBM
		.... 1..		TVTISF08	"X'08" Reserved for IBM
		.... .1..		TVTISF04	"X'04" Reserved for IBM
		.... ..1.		TVTISF02	"X'02" Reserved for IBM
		.... ...1		TVTISF01	"X'01" Reserved for IBM
2982	(BA6)	SIGNED	2	TVTINTRD	MAXIMUM NUMBER OF INTRDR'S
2984	(BA8)	SIGNED	2	TVTFDUSE	NUMBER OF FD ENTRIES IN USE
2986	(BAA)	SIGNED	2	TVTFDMAX	MAX. NO. OF FD ENTRIES USED
2988	(BAC)	BITSTRING	1	TVTRD310 (3)	RESERVED FOR DEVELOPMENT
Comment					
----- ESTAE RECOVERY WTD FLAGS AND STORAGE POINTERS -----					
End of Comment					
2991	(BAF)	BITSTRING	1	TVTESTFL	INIT,ABMN ESTAE WORK TO DO FLAG
		1...		TVTGETE6	"X'80" RE-ACQUIRE SYS SUBPOOL STORAGE
		.1..		TVTGET00	"X'40" RE-ACQUIRE USER SUBPOOL STORAGE
		..1.		TVTSDMSG	"X'20" ISSUE WTO WARNING MSG
		...1		TVTSNAPN	"X'10" SNAP NUCTASK
2992	(BB0)	SIGNED	4	TVTESTE6	INIT,GRCT ESTAE PTR FOR SYSTEM SUBPOOL
2996	(BB4)	SIGNED	4	TVTEST00	INIT,GRCT ESTAE PTR FOR USER SUBPOOL
2996	(BB4)	BITSTRING	0	TVTESTSZ	"X'2000" 8K GETMAIN SIZE FOR ESTAE
		.... ..1.		TVTSBPUS	"X'02" USER SUBPOOL 2
		111. .11.		TVTSBPSY	"X'E6" SYSTEM SUBPOOL 230 (E6)
3000	(BB8)	SIGNED	2	TVTRU310 (3)	RESERVED FOR USER

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Comment					
----- FLAGS AND ECFS -----					
----- End of Comment					
3006	(BBE)	BITSTRING	1		Reserved for development
3007	(BBF)	BITSTRING	1	AFGFLAG2	FLAG BYTE 2
		1...		AFGMPF	"X'80" CONSTD, GLOMPF=YES
		.1.		AFGNOCPF	"X'40" No sysplex prefix defined 0101 to CPF (XCFLOCAL mode) 0101
		..1.		AFGRS220	"X'20" Reserved flag
		...1		AFGRS210	"X'10" Reserved flag
		.... 1..		AFGRS208	"X'08" Reserved flag
		.... .1..		AFGRS204	"X'04" Reserved flag
		.... .1.		AFGRS202	"X'02" Reserved flag
		.... ...1		AFGRS201	"X'01" Reserved flag
3008	(BC0)	BITSTRING	1	TVTLIMF	LIMIT FLAG
		1...		TVTCANB	"X'80" MAX BYTES EXCEEDED, CNCL JOB
		.1.		TVTDMPB	"X'40" MAX BYTES EXCEEDED, DUMP JOB
		..1.		TVTCANP	"X'20" MAX PAGES EXCEEDED, CNCL JOB
		...1		TVTDMPP	"X'10" MAX PAGES EXCEEDED, DUMP JOB
		.... 1..		TVTCANC	"X'08" MAX CARDS EXCEEDED, CNCL JOB
		.... .1..		TVTDMPC	"X'04" MAX CARDS EXCEEDED, DUMP JOB
		.... .1.		TVTCANL	"X'02" MAX LINES EXCEEDED, CNCL JOB
		.... ...1		TVTDMPL	"X'01" MAX LINES EXCEEDED, DUMP JOB
3009	(BC1)	BITSTRING	1	AFGFLAG5	FLAG BYTE 5
		1...		AFGDLPT	"X'80" DEADLINE POST 1 1
3010	(BC2)	BITSTRING	1	AIOFLAG1	IATINIO FLAGS
		1...		AIORDWRT	"X'80" I/O REQ FROM READ/WRITE RTN
		.1.		AIOFDNEW	"X'40" ON WHEN FD ENTRIES ARE AVAIL
		..1.		AIOGETBF	"X'20" GETBUF REQUEST
		.... 1..		AIONOSPC	"X'08" NO SPACE ON QUEUE PACKS
		.... .1..		AIOSNGIO	"X'04" SET FOR SINGL REC I/O REQUEST
3011	(BC3)	BITSTRING	1	AIOFLAG2	IATINIO FLAGS
		1...		AIONOAWT	"X'80" GETBUF WITHOUT AWAIT
		..1.		AIORESPG	"X'20" INVERSE PURGE STT ENTRY
		...1		AIOPTJSM	"X'10" Post of JSAM is required
		.... 1..		AIOJQMSG	"X'08" Reserved for IBM
		.... .1..		AIOMSOUT	"X'04" MINIMAL JSAM BUFFER MSG (IAT1101/IAT1103) OUTSTANDING
		.... .1.		AIOMCMMSG	"X'02" MARG TRK COND IN INIT
		.... ...1		AIOMNBUF	"X'01" MIN. JSAM BUF COND.
3012	(BC4)	BITSTRING	1	JSSFLG1	JSS FLAG BYTE
----- Comment					
----- DEFINITION OF JSSFLG1 -----					
----- End of Comment					
		1...		JSSGPOST	"X'80" GENERAL POST OF JSS (*S JSS)
		.1.		JSSDUCHG	"X'40" THE USE COUNT OR STATUS OF A DSP HAS CHANGED
		..1.		JSSOSWEF	"X'20" AN RQ ON THE OUTSERV WAIT RQ CHAIN (INDEX=RQOSWAIT) HAS COMPLETED PROCESSING
		...1		JSSPRELH	"X'10" ONE OR MORE JOB PRIORITY LEVELS HAVE BEEN RELEASED FROM OPERATOR HOLD
		.... 1..		JSSMCGAV	"X'08" A MAIN, GMS CLASS, OR GMS GROUP HAS BECOME AVAILABLE or when a main becomes 18588TAA available for a scheduling 18588TAA environment 18588TAA

IATYINT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... .1..		JSSFEADD	"X'04" ENDING FUNCTION RQ ADDED TO EF CHAIN (INDEX=RQDONE OR RQCMLPT)
		.... ..1.		JSSPROCN	"X'02" A PROCLIB HAS BEEN ENABLED
		.... ...1		JSSRQTMR	"X'01" TIMER INTERVAL EXPIRED FOR RETRY AFTER RQ SHORTAGE
3013	(BC5)	BITSTRING	1	JSSFLG2	JSS FLAG BYTE

Comment					

DEFINITION OF JSSFLG2					

End of Comment					
		1...		JSSFSTIM	"X'80" JSS FIRST PASS AFTER START
		.1..		JSSACTIV	"X'40" JSS FIRST PASS COMPLETED
		..1.		JSSCHKPT	"X'20" JSS CHECKPOINT JCT REQUEST
		...1		JSSSTART	"X'10" *S JSS HAS BEEN ISSUED
		.... 1...		JSSWORKQ	"X'08" ONE OR MORE JQES HAVE BEEN ADDED TO THE JSS READY Q
		.... .1..		TVTMLPVA	"X'04" A MAIN PROCESSOR HAS 0181 BECOME AVAILABLE 0181
		.... ..1.		TVTDPJEN	"X'02" DUPJOBNM SET TO YES
		.... ...1		TVTCIJSS	"X'01" C/I JSAM buffers available 0082
3014	(BC6)	BITSTRING	1	TATFLAGS	IATINIO FLAGS
		1...		TATMINQ	"X'80" Minimal tracks condition for the default spool partition
		.1..		TATMRGQ	"X'40" Marginal tracks condition for the default spool partition
		..1.		TATGMSSP	"X'20" Potential GMS job select suspend condition. This occurs when a spool partition and all of its overflow partitions are in a marginal tracks condition.
3015	(BC7)	BITSTRING	1	JSSTPOST	JSS TIMER POST FLAGS
3016	(BC8)	BITSTRING	1	TVTRD315	Reserved for development 0012 9
3017	(BC9)	BITSTRING	1	TVTFSG1	FAILSOFT flags (default to DUMP=PRDMP)
		1...		AFGESTAE	"X'80" ESTAE EXIT RTN IN CONTROL
		.1..		AFGPJES3	"X'40" JES3 TERMINATION REQUIRED
		..1.		AFGFSACT	"X'20" JES3 FAIL SOFT IS ACTIVE
		...1		TVTFSUFD	"X'10" SET BY IATABNO UNFORMATTED DUMP TAKEN OK
		.... 1...		AFGDMPOS	"X'08" OPTIONS,DUMP=MVS
		.... .1..		AFGDMPSA	"X'04" OPTIONS,DUMP=PRDMP
		.... ..1.		TVTFSDNP	"X'02" OPTIONS,WANTDUMP=NO
		.... ...1		TVTFASAK	"X'01" OPTIONS,WANTDUMP=ASK
3018	(BCA)	BITSTRING	1	TVTFSG2	FAILSOFT FLAGS
		1...		AUXPTERM	"X'80" AUXTASK IS TERMINATING
3019	(BCB)	BITSTRING	1	TVTINTRP	FLAGS FOR INTERPRETER OPTIONS
3019	(BCB)	X'BCB'	0	TVTMDFLG	"TVTINTRP" FLAGS FOR MAIN DEVICE SCHED
		1...		TVTFETCH	"X'80" SET BY IATINMD MAIN DEVICE FETCH OPTION
		.1..		TVTPREFR	"X'40" SET BY IATINCH THWSSEP=PREFER
		..1.		TVTREQUI	"X'20" SET BY IATINCH THWSSEP=REQUIRE
		...1		TVTSMSET	"X'10" JES3 IS DOING DATA SET ALLOCATION FOR SMS RESOURCES
		.... .1..		TVTANYJS	"X'04" INTERPRETER DEFAULT ANYJES
		.... ..1.		TVTANYRL	"X'02" INTERPRETER DEFAULT ANYREAL
		.... ...1		TVTBTOT	"X'01" INTERPRETER DEFAULT BOTH
3020	(BCC)	BITSTRING	1	TVTSETUP	FLAGS FOR SETUP OPTIONS
		1...		MSSACT	"X'80" SET BY IATINMD SETPARAM,MSS=...
		.1..		MSSJOB	"X'40" SET BY IATINMD MSS=JOB; ELSE, =HWM
		..1.		MSSDEPTH	"X'20" SET BY IATINMD SETPARAM,MSSDEPTH=YES
		...1		TVTRSF10	"X'10" Reserved for IBM
		.... 1...		TVTIHWS	"X'08" STANDARDS,SETUP=HWS
		.... ..1.		TVTDHWS	"X'04" STANDARDS,SETUP=DHWS
		.... ...1.		TVTTHWS	"X'02" STANDARDS,SETUP=THWS

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... ...1		TVTNONE	"X'01" STANDARDS,SETUP=NONE
3021	(BCD)	BITSTRING	1	DYNECF	ECF FOR IATDYDR
		1...		DYNALOC	"X'80" DYN ALLOC SA REC'D
		.1.		DYNUNAL	"X'40" UNALLOC SA REC'D
		..1.		DYNCDD	"X'20" CHANGE DDNAME SA REC'D
		...1		DYNINIT	"X'10" INITIALIZATION COMPLETE
		.... 1...		DYNRALOC	"X'08" Retry dynamic allocation
3021	(BCD)	X'E8'	0	DYNSAMSK	"DYNALOC+DYNUNAL+DYNCDD+DYNRALOC" DYNAL post flags
3022	(BCE)	BITSTRING	1	TVTDFNL	FLAGS FOR DYNAL FCT
		1...		TVTDRCRC	"X'80" RECOVERY RECURSION FLAG
3023	(BCF)	BITSTRING	1	TVTSTFLG	IBM SYSTEM TESTING USE
		1...		TVTSTFG0	"X'80"
		.1.		TVTSTFG1	"X'40"
		..1.		TVTSTFG2	"X'20"
		...1		TVTSTFG3	"X'10"
		.... 1...		TVTSTFG4	"X'08"
		.... .1.		TVTSTFG5	"X'04"
		.... .1.		TVTSTFG6	"X'02"
		.... ...1		TVTSTFG7	"X'01"
3024	(BD0)	BITSTRING	1	TVTVS2F1	SUBSYSTEM MODE FLAG
		1...		TVTPRSUB	"X'80" JES3 IS PRIMARY SUBSYSTEM
		.1.		TVTGLOBAL	"X'40" GLOBAL MODE INDICATOR
		..1.		TVTLOCAL	"X'20" LOCAL MODE INDICATOR
		...1		TVTDSIBK	"X'10" DSI back to this system 0005
		.... 1...		TVTVRT	"X'08" SYSTEM IS VIRTUAL
		.... .1.		TVTOLDGL	"X'04" SYSTEM WAS AN OLD GLOBAL
		.... .1.		TVTDSIOK	"X'02" DSI completed on the new 0005 global 0005

Comment

JESMSGGLG Suppression Flags from STANDARDS statement

End of Comment

3025	(BD1)	ADDRESS	1	TVTJESMS	JESMSGGLG flag (default set to NOTSO)
		1...		TVTJNTSO	"X'80" TSO JESMSGGLG suppression flag
		.1.		TVTJNSTC	"X'40" STC JESMSGGLG suppression flag
		..1.		TVTJNBAT	"X'20" Batch JESMSGGLG suppression flag
3026	(BD2)	BITSTRING	1	TVTCIFLG	FLAG FOR C/I
		1...		TVTCBCLS	"X'80" CIBATCH=CLASS (STANDARDS)
		.1.		TVTCBJOB	"X'40" CIBATCH=JOB " @WA35670
		..1.		TVTCDCLS	"X'20" CIDEMAND=CLASS " @WA35670
		...1		TVTCDJOB	"X'10" CIDEMAND=JOB " @WA35670
		.... 1...		TVTCFR08	"X'08" RESERVED FLAG
		.... .1.		TVTCFR04	"X'04" RESERVED FLAG
		.... .1.		TVTCFR02	"X'02" RESERVED FLAG
		.... ...1		TVTCFR01	"X'01" RESERVED FLAG
3027	(BD3)	BITSTRING	1	TVTRU320	RESERVED FOR USER

Comment

NOTE: THE TVTFSSID WILL BE ZERO IF NOT EXECUTING IN AN FSS ADDRESS SPACE

End of Comment

3028	(BD4)	SIGNED	4	TVTFSSID (0)	FSS ID
3028	(BD4)	SIGNED	2	TVTFSSID	FSS PORTION OF FSS ID
3030	(BD6)	SIGNED	2	TVTFSAID	FSA PORTION OF FSS ID
3032	(BD8)	BITSTRING	1	TVTFSSFLG	FSS FLAG
		1...		TVTFSSAD	"X'80" EXECUTING IN FSS ADDRESS SPACE
		.1.		TVTCIFSS	"X'40" CI FSS ADDRESS SPACE

IATYINT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
3033	(BD9)	BITSTRING	1	UAVLFLG	UNIT AVAILABLE FLAG
3034	(BDA)	BITSTRING	1	AIOBFECF	IF NON-0, JES BUFS ARE AVAIL
3035	(BDB)	BITSTRING	1	MSGCECF	ECF FOR IATMSGC
		1...		GECFSTAD	"X'80" STA ADDRESS POST
		.1.		GECFMCON	"X'40" MAIN CONNECT POST
		..1.		GECFMTRK	"X'20" MINTRK CLEAR POST

Comment

 TVTPTECF MASK IS USED AGAINST TWO FLAG BYTES:
 MSGCECF AND TVTPATH

TVTPTECF EQU X'10' SEE BELOW FOR DEFINITION

End of Comment

		.... 1...		GECFJOBN	"X'08" Job number shortage cleared post
3036	(BDC)	BITSTRING	1	OSEFLAGS	ECF FLAG FOR IATOSDR
		1...		SPINPOST	"X'80" SPINOFF OUTPUT TO PROCESS
		.1.		OSEOUTPT	"X'40" NORMAL OUTPUT TO PROCESS
		..1.		OSETIMER	"X'20" TIMER INTERVAL TO PROCESS
		...1		OSEWTRS	"X'10" WRITER OUTPUT PENDING
		.... 1...		INITOPS	"X'08" FIRST OUTSERV POST (BY JSS)
		.... .1.		OSERQWS	"X'04" SELECTIVE RESQ WTR START
		.... ..1.		OSEWTRSL	"X'02" START SPECIFIED WTR
3037	(BDD)	BITSTRING	1	TVTRD330 (2)	RESERVED FOR DEVELOPMENT
3039	(BDF)	BITSTRING	1	TVTPATH	ECF FOR VARY PATH

Comment

 TVTPTECF MASK IS USED AGAINST TWO FLAG BYTES:
 MSGCECF AND TVTPATH

End of Comment

		...1		TVTPTECF	"X'10" VARY PATH POSTED
3040	(BE0)	SIGNED	4	DECF (0)	JSAM ECF
		1...		DECPIO	"X'80" POST BIT - JSAM I/O COMPLETE
		.1.		DECFTX	"X'40" POST BIT - USAM TRACKS REQ
		..1.		DECFER	"X'20" POST BIT - SPOOL I/O ERROR
		...1		DECFDR	"X'10" POST BIT - DDR REQUEST
		.... 1...		DECFCSEC	"X'08" POST BIT - SECONDARY POST

Comment

 TVTDRTN AND
 TVTDRDN MASKS ARE BOTH USED AGAINST TWO FLAG BYTES:
 DECF AND TVTDRECF

TVTDRTN EQU X'04' SEE BELOW FOR DEFINITION
 TVTDRDN EQU X'02' SEE BELOW FOR DEFINITION

End of Comment

		.... ...1		DECFBTR	"X'01" POST BIT - BADTRACK UPDATE
3041	(BE1)	BITSTRING	1	TVTCIECF	IATINAT ECF OF C/I SUBTASK

Comment

 DEFINITION OF TVTCIECF (SERIALIZED VIA OIL MACRO)

End of Comment

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		1...		TVTCIATC	"X'80" IATIISB C/I SUBTASK ATTACH COMPLETE
		.1..		TVTMSABN	"X'40" IATIISB MASTER SUBTASK ABENDED
		..1.		TVTFS CIU	"X'20" IATIICS CI FSS DEMAND SELECT CI SUBTASK IS IN USE
		...1		TVTCFATF	"X'10" IATINAT CI FSS DEMAND SELECT CI SUBTASK ATTACH FAILURE
		.... 1..		TVTCIR08	"X'08" RESERVED FLAG
		.... .1..		TVTCIR04	"X'04" RESERVED FLAG
		.... ..1.		TVTCIR02	"X'02" RESERVED FLAG
		.... ...1		TVTCIR01	"X'01" RESERVED FLAG
3042	(BE2)	BITSTRING	1	TVTJSFLG	JSAM FCT FLAG
		1...		TVTSPMSG	"X'80" SPOOL SPACE MESSAGE POST 0582
		.1..		TVTJBMSG	"X'40" JSAM BUFFER MESSAGE POST 0582
		..1.		TVTJBOUT	"X'20" JSAM BUFFER MESSAGE ISSUED 0582
		...1		TVTJBUSE	"X'10" JSAM BUFFER POOL POST
		.... 1..		TVTDYCLU	"X'08" Dynamic spool reconfig. clean up needed
3043	(BE3)	BITSTRING	1	TVTLOECF	LOCATE ECF (USE TVTVRECF NOW)
3043	(BE3)	X'BE3'	0	TVTVRECF	"TVTLOECF,1" VERIFY FCT ECF

Comment

 DEFINITION OF TVTVRECF - REPLACES TVTLOECF

End of Comment

		1...		LVRRSV80	"X'80" RESERVED FLAG
		.1..		LVRRSV40	"X'40" RESERVED FLAG
		..1.		LVRRSV20	"X'20" RESERVED FLAG
		...1		LVRRSV10	"X'10" RESERVED FLAG

Comment

EQU X'08' RESERVED FOR (AND RESET IN) IATLVVR

End of Comment

		.... .1..		LVRATPST	"X'04" IATLVVR ATTENTION POST
		.... ..1.		LVRASPST	"X'02" IATLVVR RESTART POST
		.... ...1		LVRAPST	"X'01" IATLVVR STAGING AREA POST
3044	(BE4)	BITSTRING	1	TVTICLK	IATUTIC SUBROUTINE LOCK
3045	(BE5)	BITSTRING	2	TVTRD345	RESERVED FOR DEVELOPMENT 9
3047	(BE7)	BITSTRING	1	TVTCECF	CONSOLE SPOOL I/O ECF
		1...		TVTJMSSI	"X'80" JESMSG LG SSI processing
		.1..		TVTJMJB	"X'40" JESMSG LG job termination cleanup
		..1.		TVTJMUPD	"X'20" JESMSG LG update
3048	(BE8)	BITSTRING	1	TVTRD350	RESERVED FOR DEVELOPMENT
3049	(BE9)	BITSTRING	1	TVTRU350 (3)	RESERVED FOR USER
3052	(BEC)	BITSTRING	1	TVTDRECF	DDR ECF FLAG

Comment

 TVTDRTN AND
 TVTDRDN MASKS ARE BOTH USED AGAINST TWO FLAG BYTES:
 DECF AND TVTDRECF

End of Comment

		.... .1..		TVTDRTN	"X'04" TAPE/UR DDR POSTED NORMAL PROC
		.... ..1.		TVTDRDN	"X'02" DASD DDR NORMAL PROCESSING
		1...		TVTDRTR	"X'80" TAPE/UR DDR RESTART PROCESSING
		.1..		TVTDRDR	"X'40" DASD DDR RESTART PROCESSING
3053	(BED)	BITSTRING	1	TVTDRCR	DDR FCT CREATED FLAG

IATYINT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

DEFINITION OF TVTATFLG					

End of Comment					
3054	(BEE)	BITSTRING 1... .... .1. .... .1.	1	TVTATFLG TVTATE TVTMTON	AUX TASKING FLAGS "X'80" AUX TASK ENABLED FOR WORK "X'40" MT=ON SPECIFIED IN INISH DECK
Comment					

DEFINITION OF TVTFLAG1 (SERIALIZED BY COMP. AND SWAP)					

End of Comment					
3055	(BEF)	BITSTRING 1... .... .1. .... ..1.	1	TVTFLAG1 TVTUAGET TVTTSOPS TVTENST	WORK FLAGS SERIALIZED BY CS "X'80" UNSUCCESSFUL AGETMAIN OCCURRED "X'40" TSO JES3 REQUEST "X'20" Enhanced Status
Comment					

DEFINITION OF TVTGSWK1 COMPARE AND SWAP MUST BE USED TO SERIALIZE ACCESS TO THESE FLAGS					

End of Comment					
3056	(BF0)	BITSTRING 1... .... .1. .... ..1. .... ...1 1... .... .1..	1	TVTGSWK1 TVTGSPFD TVTGSATT TVTGSDET TVTGSAGP TVTGSSAT TVTGSSWM	ECF FOR GENERAL SERVICE DSP "X'80" PENDING FAILDSP REQUEST "X'40" ATTACH ATDE REQUEST "X'20" DETACH ATDE REQUEST "X'10" AGETMAIN POSTING REQUEST "X'08" STOP AUXTASK FOR MODIFY,MT "X'04" Switch IATXSUSP mask
Comment					

DEFINITION OF TVTSTUSR					

End of Comment					
3057	(BF1)	BITSTRING 1... .... .1. .... .... ...1	1	TVTSTUSR TVTSSNUC TVTSSAUX TVTSSDST	ABEND SER. RTN. USER FLAGS "X'80" IATNUC TASK GET/REL RESOURCE "X'40" IATAUX TASK GET/REL RESOURCE "X'01" DSP MODIFIER FOR USE OF RESOURCE.
3057	(BF1)	X'81'	0	TVTSSDSP	"(TVTSSNUC+TVTSSDST)"
3058	(BF2)	BITSTRING	1	TVTSTLOC	ABEND SER. RTN. LOCK BYTE
Comment					

DEFINITION OF TVTDJFLG FLAG BYTE					

End of Comment					
3059	(BF3)	BITSTRING 1...	1	TVTDJFLG TVTDJRST	DJ FLAG BYTE "X'80" FLAG RESET IN PROCESS
3060	(BF4)	BITSTRING	1	TVTGRFLG	GENERAL ROUTINES FLAGS

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

DEFINITION OF TVTGRFLG					

End of Comment					
		1... ..		TVTGRJQE	"X'80" IATGRJX JQE'S AVAILABLE
		.1.. ..		TVTJNRET	"X'40" IATGRJN JOB NUMBER RETURNED(AVAIL)
		..1.		TVTDPJBN	"X'20" DUPJOBNM=YES
Comment					

18455TAA					
JOBTRACK=SYSPLEX when both TVTJTGBL and TVTJTOFF 18455TAA are set OFF. It is the default value. 18455TAA					

18455TAA					
End of Comment					
		...1		TVTJTGBL	"X'10" JOBTRACK=JGLOBAL 18455TAA
		.... 1..		TVTJTOFF	"X'08" JOBTRACK=OFF 18455TAA
3061	(BF5)	BITSTRING	1	TVTFLAG2	TVT FLAG TWO
Comment					

DEFINITION OF TVTFLAG2					

End of Comment					
		1... ..		TVTSMS	"X'80" IATINMD SMS IS INSTALLED ON THIS PROCESSOR
		.1.. ..		TVTSMSCX	"X'40" IATMSR2 SMS IS ACTIVE IN COMPLEX 0260
		..1.		TVTAUTOR	"X'20" JES3 is in auto-restart mode (i.e. it is restarting automatically)
		...1		TVTRF210	"X'10" RESERVED FLAG
		.... 1..		TVTRF208	"X'08" RESERVED FLAG
		.... .1..		TVTRF204	"X'04" RESERVED FLAG
		.... ..1.		TVTRF202	"X'02" RESERVED FLAG
		.... ...1		TVTRF201	"X'01" RESERVED FLAG
3062	(BF6)	BITSTRING	1	TVTRS360 (6)	RESERVED FOR SERVICE
3068	(BFC)	BITSTRING	1	TVTCDECF	CI DRIVER ECF
Comment					

DEFINITION OF TVTCDECF					

End of Comment					
		1... ..		TVTCNSAP	"X'80" CONSOLE APPENDAGE POST
		.1.. ..		TVTFSSCM	"X'40" FSS COMMUNICATION POST (STAR)
		..1.		TVTFSSSTA	"X'20" FSS STATUS CHANGE POST
		...1		TVTSCPSC	"X'10" SCHEDULE POSTSCAN POST
		.... 1..		TVTPRCEN	"X'08" PROCLIB ENABLE POST
		.... .1..		TVTPRCDS	"X'04" PROCLIB DISABLE POST
Comment					

COUNTER FOR NUMBER OF OUT-MODE DJ DSP ACTIVE IN THE SYSTEM					

End of Comment					

IATYINT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
3069	(BFD)	BITSTRING	1	TVTDJOCT	NUMBER OF OUT-MODE DJ DSPS
3070	(BFE)	BITSTRING	1	TVTRS370	RESERVED FOR SERVICE
3071	(BFF)	BITSTRING	1	TVTRU370	RESERVED FOR USER

Comment					

MISCELLANEOUS AND UNIVERSAL CONSTANTS					

End of Comment					
3072	(C00)	CHARACTER	8	JOBCLS	DEFAULT JOB CLASS NAME
3080	(C08)	CHARACTER	8	JOBGRP	DEFAULT JOB GROUP NAME
3088	(C10)	CHARACTER	8	NJPNAME	SET BY IATINCH NAME OF LOCAL NJP TERMINAL
3096	(C18)	BITSTRING	4	TVTRM80	CONSTANT FOR SETTING HI-ORD BIT
3096	(C18)	X'C18'	0	TVTHOBON	"TVTRM80,4"
3100	(C1C)	CHARACTER	8	TVTFSSIN	SET BY IATINIT-FSS INITIALIZATION MODULE
3108	(C24)	CHARACTER	4	TVTSSNM	SET BY IATINIT-SUBSYSTEM NAME
3112	(C28)	SIGNED	4	TVTFSECB	FSS MAIN ECB
3116	(C2C)	CHARACTER	43	ACCTDFLT (0)	DEFAULT ACCT'G
3159	(C57)	BITSTRING	1	AIOFDRPY	LOWEST PRIORITY ON JSAM FD
3160	(C58)	BITSTRING	1	TVTRS375	RESERVED FOR SERVICE
3161	(C59)	BITSTRING	1	CONSUBPL	CONSOLE BUFFER SUBPOOL VALUE
3162	(C5A)	BITSTRING	1	TVTRD360	RESERVED FOR DEVELOPMENT
3163	(C5B)	CHARACTER	1	JOBFAIL	SET BY IATINCH STANDARDS,JOBFAIL=RESTART
3164	(C5C)	BITSTRING	1	JOBPRTY	STANDARDS,PRTY=0
3165	(C5D)	CHARACTER	4	JOBSQSIZ	STANDARDS,SQS=3K
3169	(C61)	CHARACTER	1	STEPCHK	STANDARDS,JOBSTEP=NOCHKPNT
3170	(C62)	CHARACTER	1	TDBGCLSS	STANDARDS,DBGCLASS=A
3171	(C63)	ADDRESS	1	TVTRAGNO	IATINDEV USAM record allocation count
3172	(C64)	BITSTRING	1	TVTSMFFO	SET BY IATINIC SMF FG OPTIONS THIS CPU
3173	(C65)	BITSTRING	1	TVTSMFOP	SET BY IATINIC SMF BG OPTIONS THIS CPU
3174	(C66)	CHARACTER	2	TVTTSOPM	IATINCH DEFAULT TSO PARM ID FOR CI
3176	(C68)	CHARACTER	2	TVTSTCPM	IATINCH DEFAULT STC PARM ID FOR CI
3178	(C6A)	CHARACTER	2	TVTINTPM	IATINCH DEF INT RDR PARM ID FOR CI
3180	(C6C)	CHARACTER	2	TVTINTPR	IATINCH DEF INT RDR PROC ID FOR CI
3182	(C6E)	CHARACTER	2	TVTTSOPR	IATINCH DEFAULT TSO PROC ID FOR CI
3184	(C70)	CHARACTER	2	TVTSTCPR	IATINCH DEFAULT STC PROC ID FOR CI
3186	(C72)	BITSTRING	1	TVTJDENO	IATGRDL # OF JDE BLOCKS INITIALIZED
3187	(C73)	BITSTRING	1	TVTRS380	RESERVED FOR SERVICE
3188	(C74)	BITSTRING	4	TVTHWMSK	CONSTANT FOR HALFWORD MASK
3192	(C78)	SIGNED	4	TVTADMSK (0)	CONSTANT FOR ADDRESS MASK
3196	(C7C)	CHARACTER	16	TVTHXCHR	HEXADECIMAL CHARACTERS
3212	(C8C)	BITSTRING	12	TVTZEROX	CONSTANT ZEROS (3 FULL WORD)
3212	(C8C)	X'C8C'	0	TVTZERO	"TVTZEROX,8" CONSTANT ZEROS
3224	(C98)	SIGNED	4	TVTONE	CONSTANT FULL WORD = 1
3224	(C98)	X'C9A'	0	TVTONEH	"TVTONE+2,2" Constant halfword = 1
3228	(C9C)	CHARACTER	8	TVTBLANK	CONSTANT BLANKS
3236	(CA4)	BITSTRING	8	TVTRMFF	CONSTANT 'FF'S
3236	(CA4)	X'CA8'	0	TVTRM7F	"TVTRMFF+4" CONSTANT '7F'S
3236	(CA4)	X'2'	0	TVTBTJST	"2" CSBT THRESHOLD FOR JST
3236	(CA4)	X'A'	0	TVTBTJDS	"10" CSBT THRESHOLD FOR JDS
3236	(CA4)	X'2'	0	TVTTJDSA	"2" CSBT THRESHOLD FOR APPC JDS
3244	(CAC)	ADDRESS	4	TVTCSCP	CHAINED SRF CELL POOL PTR
3248	(CB0)	ADDRESS	4	TVTALETA	"V(TVTALET)" ADDRESS OF A 64 BYTE FIELD THAT IS USED TO INITIALIZE ALL OF THE ACCESS REGISTERS WITH THE ACCESS LIST ENTRY (ALET) OF THE PRIMARY ADDRESS SPACE
3248	(CB0)	X'CB0'	0	TVTCLREG	"TVTALETA,4" Alias for TVTALETA
3252	(CB4)	ADDRESS	4	TVTRJPCP	RJP Cell Pool Pointer
3256	(CB8)	SIGNED	4	TVTJDDLML	IATINSTD Job SYSIN DD statement lmt
3260	(CBC)	SIGNED	4	TVTRU390 (4)	RESERVED FOR USER

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

END OF MISCELLANEOUS AND UNIVERSAL CONSTANTS					

End of Comment					
3276	(CCC)	SIGNED	4	(0)	- BEGINNING OF NJE UPDATE
Comment					

0					
THE VALUE DEFINED IN THE FOLLOWING FIELD IS ALSO 0 USED IN IATINGN TO RESET TO THE DEFAULT VALUE. ANY 0 CHANGE IN THE DEFAULT VALUE HERE MUST ALSO BE MADE 0 IN IATINGN. 0					

0					
End of Comment					
3276	(CCC)	CHARACTER	8	HOMENODE	- HOME (LOCAL) NODE ID
3284	(CD4)	ADDRESS	4	ANJETBL	- PTR TO NJE NODE TABLE
3288	(CD8)	SIGNED	4	TVTRD403 (2)	Reserved for Developemmt
3296	(CE0)	ADDRESS	4	ANJESRCH	"V(IATXNTS)" - ADDRESS OF NJE TABLE SEARCH
3300	(CE4)	ADDRESS	4	ANJECHKS	"V(CHECKSWB)" ADDRESS OF CHECKSWB ROUTINE
3304	(CE8)	ADDRESS	4	DSPNJESN	"V(NJESND)" - DSP DICT ENTRY FOR NJESND
3308	(CEC)	ADDRESS	4	DSPNJESF	"V(NJESF)" - DSP DICT ENTRY FOR NJESF
3312	(CF0)	SIGNED	2	TVTRD405	- RESERVED FOR DEVELOPMENT
3314	(CF2)	BITSTRING	1	TVTRD410 (2)	- RESERVED FOR DEVELOPMENT 0133
3316	(CF4)	BITSTRING	1	TVTNJEF1	NJE FLAG BYTE 1 0133
Comment					

0					
DEFINITION OF NJE FLAG BYTE 1 0					

0					
End of Comment					
		1...		TVTNJEOK	"X'80" NETWORK DEFINITION VALID 0133
		.1..		TVTRFN40	"X'40" RESERVED FLAG 0133
		..1.		TVTRFN20	"X'20" RESERVED FLAG 0133
		...1		TVTRFN10	"X'10" RESERVED FLAG 0133
		.... 1..		TVTRFN08	"X'08" RESERVED FLAG 0133
		.... .1..		TVTRFN04	"X'04" RESERVED FLAG 0133
		.... ..1.		TVTRFN02	"X'02" RESERVED FLAG 0133
		.... ...1		TVTRFN01	"X'01" RESERVED FLAG 0133
Comment					

DEFINITION OF JCL LIMIT VALUES BY SYSTEM AND JOB					

End of Comment					
3317	(CF5)	BITSTRING	1	TVTJLFLG	IATIISB JCL STATEMENT FLAG
		1...		TVTQBIT	"X'80" JCL STATEMENT QUIESCE BIT
		.1..		TVTDDINB	"X'40" SYSIN DD stmt limit set
3318	(CF6)	SIGNED	2	TVTRU410	RESERVED FOR USER
3320	(CF8)	SIGNED	4	TVTADSLM	INCH,MODX ADDRESS SPACE JCL LIMIT
3324	(CFC)	SIGNED	4	TVTSYCNT	IISB,IIDR JCL STATEMENT ADDR SPACE COUNT
3328	(D00)	SIGNED	4	TVTJOB LM	INCH,MODX JOB JCL STATEMENT LIMIT

IATYINT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

FSS NAME AND ASID FOR IATXIWT, WTO, ETC..					

End of Comment					
3332	(D04)	ADDRESS	1	TVTFMSL	LENGTH OF FSS MESSAGE
3332	(D04)	X'D05'	0	TVTFMSMSS	*** START OF FSS MESSAGE
3333	(D05)	CHARACTER	4		
3337	(D09)	CHARACTER	8	TVTFSSNM	SET BY INIT FSS NAME, FROM START COMMAND
3345	(D11)	CHARACTER	7		
3352	(D18)	CHARACTER	4	TVTEASID	SET BY INIT ASID, FROM START COMMAND
3352	(D18)	X'D1C'	0	TVTFMSE	*** END OF FSS MESSAGE
3333	(D05)	CHARACTER	23	TVTFMSG	POINTER TO ENTIRE MESSAGE
3356	(D1C)	BITSTRING	12	TVTSNFB	SNANJE CKPT ROOT FDB
3368	(D28)	ADDRESS	4	TVTBDCDA	ADDRESS OF IATBDCD DATA CSECT
3372	(D2C)	ADDRESS	4	TVTBCOMM	"V(BDTCOMM)" ADDRESS OF BDTCOMM FCT ENTRY
3376	(D30)	SIGNED	4	TVTRD420	RESERVED FOR DEVELOPMENT
3380	(D34)	SIGNED	4	TVTRS420 (12)	RESERVED FOR SERVICE
Comment					
BULK DATA TRANSFER (BDT) DATA AREA AND SNA NJE DATA AREA					
End of Comment					
3428	(D64)	ADDRESS	4	TVTRU430 (10)	RESERVED FOR USER
3468	(D8C)	SIGNED	2	TVTRD425	RESERVED FOR DEVELOPMENT
Comment					

DEFINITION OF TVTBFLG1					

End of Comment					
3470	(D8E)	BITSTRING	1	TVTBFLG1	SNA NJE FLAG 1
		1... ..		TVTBNFG	"X'80" BDT NOW FUNCTIONING GOOD (BDT UP AND OPERATIONAL)
3471	(D8F)	BITSTRING	1	TVTRD430	RESERVED FOR DEVELOPMENT
3472	(D90)	ADDRESS	4	TVTBDUMY	BDT DUMMY CONSOLE ENTRY ADDR
3476	(D94)	ADDRESS	4	TVTBSCT	BDT SUBSYSTEM COMM TABLES
3480	(D98)	ADDRESS	4	TVTBREC	"V(RECDSP)" IATOSBM OUTPUT SERVICE/SNA NJE RECOVERY DSP
3484	(D9C)	CHARACTER	8	TVTSYSID	BDT DEFAULT SYSID
Comment					

DEFINITION OF TVTBECF					

End of Comment					
3492	(DA4)	BITSTRING	1	TVTBECF	BDT SUBSYSTEM ECF
		1111 ...		TVTBMSK	"X'F0" ECF MASK FOR AWAIT
		1... ..		TVTBCMD	"X'80" BDT COMMAND BUFFERED
		.1..		TVTBCMDQ	"X'40" BDT COMMAND QUEUED
		..1.		TVTBRSV1	"X'20" Reserved flag
		...1		TVTBJCRQ	"X'10" JES3 COMMAND RESPONSE QUEUED

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- DEFINITION OF TVTBECFN -----					
End of Comment					
3493	(DA5)	BITSTRING 111. .1.. 1... .... .1. .... ..1. .... ...1 1.. .... .1..	1	TVTBEFCN TVTBNMSK TVTBNJET TVTBONMR TVTBRECC TVTRD460 TVTRD465 TVTBEND	SNA NJE ECF "X'E4" ECF MASK FOR AWAIT "X'80" SNA NJE TRANSACTION QUEUED "X'40" SNA NJE OUTBOUND NMR QUEUED "X'20" IATOSDR RECOVERY COMPLETE "X'10" Reserved Flag "X'08" Reserved Flag "X'04" BDT EOJ (POSTED BY MSMS)
Comment					

DEFINITION OF TVTBECFS -- This Byte is used as an ECF for the DESTINATION Q's for function codes 62 and 63 (the "BDT Subsystem Q" and the "BDT Staging Area Shuttle Q"). The manipulation of the DEST Q (Adding and Deleting of Staging Areas) and the Posting of the related ECB are done outside of and within the JES3 Address space. Therefore, ANY bit used in the following Byte MUST be serialized on (ie. Use OIL, NIL, or equivalent Compare-and-Swap logic).

End of Comment					
3494	(DA6)	BITSTRING 11.. 1... .... .1.. .... ..11 1111	1	TVTBEFCFS TVTBSMSK TVTBSSA TVTBSSIR TVTRD480	SNA NJE ECF (Serialized) "X'C0" SNA NJE ECF Mask "X'80" BDT Shuttle Staging Area "X'40" Subsystem Interface Request "X'3F" Reserved Bits
3495	(DA7)	BITSTRING	1	TVTRS480	Reserved for Service
3496	(DA8)	SIGNED	4	(3)	
3508	(DB4)	BITSTRING	1	(3)	MUST BE ZEROS
3511	(DB7)	BITSTRING	1		MASK BITS USED IN SNA NJE ECF
3512	(DB8)	DBL WORD	8	TVTEND (0)	END OF TABLE
Comment					

RESOURCE EQUATES

JES3 Resource Table

\$RW=WLMBATCH HJS6608 980813 PD0DR: OS2.8.0

RESOURCE NAMES

NOTE: RESOURCE NAMES INDEXED BY PRIORITY,
MUST BE SPECIFIED SEQUENTIALLY TO INSURE CORRECT
OPERATION OF THE AENQ, ADEQ, ATEST ROUTINES.

, IATYRSC NAMES=(RQ,
, DLQ,
, JNCBCTL,
, SYSUNIT,
, CHPNT,
, WTD,

IATYINT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
, FCT,					
, PRO,					
, SNARMVCB,					
, ICT,					
, LCLJNEWS,					
, RJPJNEWS,					
, TSOJNEWS,					
, FSSCKPT,					
, GMSCKPT,					
, JQEPTY0,					
, JQEPTY1,					
, JQEPTY2,					
, JQEPTY3,					
, JQEPTY4,					
, JQEPTY5,					
, JQEPTY6,					
, JQEPTY7,					
, JQEPTY8,					
, JQEPTY9,					
, JQEPTY10,					
, JQEPTY11,					
, JQEPTY12,					
, JQEPTY13,					
, JQEPTY14,					
, JQEPTY15)					
End of Comment					
3512	(DB8)	X'0'	0	RQ	"0"
3512	(DB8)	X'1'	0	DLQ	"1"
3512	(DB8)	X'2'	0	JNCBCTL	"2"
3512	(DB8)	X'3'	0	SYSUNIT	"3"
3512	(DB8)	X'4'	0	CHKPNT	"4"
3512	(DB8)	X'5'	0	WTD	"5"
3512	(DB8)	X'6'	0	FCT	"6"
3512	(DB8)	X'7'	0	PRO	"7"
3512	(DB8)	X'8'	0	SNARMVCB	"8"
3512	(DB8)	X'9'	0	ICT	"9"
3512	(DB8)	X'A'	0	LCLJNEWS	"10"
3512	(DB8)	X'B'	0	RJPJNEWS	"11"
3512	(DB8)	X'C'	0	TSOJNEWS	"12"
3512	(DB8)	X'D'	0	FSSCKPT	"13"
3512	(DB8)	X'E'	0	GMSCKPT	"14"
3512	(DB8)	X'F'	0	JQEPTY0	"15"
3512	(DB8)	X'10'	0	JQEPTY1	"16"
3512	(DB8)	X'11'	0	JQEPTY2	"17"
3512	(DB8)	X'12'	0	JQEPTY3	"18"
3512	(DB8)	X'13'	0	JQEPTY4	"19"
3512	(DB8)	X'14'	0	JQEPTY5	"20"
3512	(DB8)	X'15'	0	JQEPTY6	"21"
3512	(DB8)	X'16'	0	JQEPTY7	"22"
3512	(DB8)	X'17'	0	JQEPTY8	"23"
3512	(DB8)	X'18'	0	JQEPTY9	"24"
3512	(DB8)	X'19'	0	JQEPTY10	"25"
3512	(DB8)	X'1A'	0	JQEPTY11	"26"
3512	(DB8)	X'1B'	0	JQEPTY12	"27"
3512	(DB8)	X'1C'	0	JQEPTY13	"28"
3512	(DB8)	X'1D'	0	JQEPTY14	"29"
3512	(DB8)	X'1E'	0	JQEPTY15	"30"
3512	(DB8)	X'1F'	0	ARNAMES	"31" NUMBER OF RESOURCES

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				

RESOURCE MANAGEMENT FUNCTION VALUES					

End of Comment					
3512	(DB8)	X'0'	0	RSCNOWAT	"0" NO WAIT
3512	(DB8)	X'4'	0	RSCWAIT	"4" BUSY=WAIT
3512	(DB8)	X'8'	0	RSCNOFCT	"8" NO FCT
3512	(DB8)	X'C'	0	RSCFCT	"12" FCT
3512	(DB8)	X'10'	0	RSCTTEST	"16" TYPE=TEST
3512	(DB8)	X'14'	0	RSCTFCT	"20" TYPE=FCT
3512	(DB8)	X'18'	0	RSCTWAIT	"24" TYPE=TEST, BUSY=WAIT

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	IATYTVTX	IATYTVTX.27: Fixed TVT extension

Comment					

JES3 MODULE ENTRY POINT IDENTIFIER					
01 Change Activity:					
\$SV=TCPNJEB HJS7730 050629 PDORF: z 1.8.0					
End of Comment					
0	(0)	CHARACTER	8	TVTFID	MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM 0108
36	(24)	CHARACTER	20	TVTF_EYE_CATCHER	
					0108 0108
56	(38)	SIGNED	4	TVTFVERS	IATYTVTX.242: Current version of the control block
60	(3C)	ADDRESS	4	TVTTVTF	IATYTVTX.248: Pointer to the primary extension of the TVT
64	(40)	ADDRESS	4	TVTFCTVT	IATYTVTX.254: Pointer to the checkpointable extension of the TVT
68	(44)	SIGNED	4	TVTFLEN	IATYTVTX.260: Dynamic length of the TVT fixed extension
72	(48)	CHARACTER	94	DUMYCND	IATYTVTX.269: The CNDB for the DUMMY console
166	(A6)	SIGNED	2		IATYTVTX.97: Reserved for Developement
168	(A8)	ADDRESS	4	TVTXM702	IATYTVTX.275: Address of MVS WPL to WPX conversion routine (IEAVM702) - set by IATINIT
172	(AC)	ADDRESS	4	TVTXM703	IATYTVTX.281: Address of multi-line WTO text extraction routine (IEAVM703) - set by IATINIT
176	(B0)	ADDRESS	4	TVTXSST	IATYTVTX.287: Security Subtask communication table, address is resolved by IATGRSS
180	(B4)	SIGNED	4	TVTXSSEV	IATYTVTX.293: Security Subtask initialization complete ECB
184	(B8)	ADDRESS	4	TVTXSSTB	IATYTVTX.299: Security Subtask TCB address
188	(BC)	ADDRESS	4	TVTXGSG	"V(GSGSTART)" IATYTVTX.305: Address of Generalized Subtask Global Data Area (GSG) - within module IATGRGS
192	(C0)	SIGNED	4	TVTXJXGT	IATYTVTX.19: JESXCF Group Token
196	(C4)	SIGNED	4	TVTXITRC	Pointer to the Internal Trace Table 0027 header 0027

IATYINT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Comment					
<p>-----</p> <p>AHED fields are defined as zeroed constants to ensure the storage for these fields is initially set to zeroes.</p> <p>-----</p>					
----- End of Comment					
200	(C8)	DBL WORD	8	TVTXAHED (0)	IATYTVTX.311: Stack head for automatic area stack
200	(C8)	SIGNED	4	AHED_SEQUENCE	IATYAHED.93: CDS Sequence number
204	(CC)	ADDRESS	4	AHED_ANCHOR	IATYAHED.99: Pointer to head of stack
208	(D0)	ADDRESS	4	AHED_TOTAL	IATYAHED.108: The total number of buffers allocated
212	(D4)	ADDRESS	4	AHED_FREE	IATYAHED.114: Number of free buffers
216	(D8)	ADDRESS	4	TVTXCS03	"V(IATCS03)" Pointer to the callable service that returns the type of console
220	(DC)	ADDRESS	4	TVTXCS06	"V(IATCS06)" Pointer to the callable service that converts destination class to route code mask
224	(E0)	ADDRESS	4	TVTXCS07	"V(IATCS07)" Pointer to the callable service that converts route code to route code mask
228	(E4)	ADDRESS	4	TVTXCS08	"V(IATCS08)" Pointer to the callable service that converts destination class to a route value
232	(E8)	ADDRESS	4	TVTXCS09	"V(IATCS09)" Pointer to the callable service that converts destination class (Mask displacement) to a route code mask
236	(EC)	ADDRESS	4	TVTXCS10	"V(IATCS10)" Pointer to the callable service that converts route code mask to a route code string
240	(F0)	ADDRESS	4	TVTXCS11	"V(IATCS11)" Pointer to the callable service that converts route code mask to a destination class string
244	(F4)	ADDRESS	4	TVTXCS12	"V(IATCS12)" Pointer to the callable service that selects a route code from a route code mask and converts it to a dest class
----- Comment					
<p>-----</p> <p>Pointer to the RJP ALERTECB SRB routine which JESXCF schedules when an workstation has crossed the message threshold.</p> <p>-----</p>					
----- End of Comment					
248	(F8)	ADDRESS	4	TVTXRJPC	"V(RJPCALRT)"
----- Comment					
<p>-----</p> <p>WLM Data Area address</p> <p>-----</p>					
----- End of Comment					
252	(FC)	ADDRESS	4	TVTXWLM	WLM Data Area address
----- Comment					
<p>-----</p> <p>Address of the IATXWCLF service routine in IATWLCLF.</p> <p>-----</p>					
----- End of Comment					
256	(100)	ADDRESS	4	TVTXWCLF	"V(WLMCLSFY)"

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

Address of the IATXWLM service routine in IATWLSRV.					

End of Comment					
260	(104)	ADDRESS	4	TVTXWSRV	"V(WLMSERV)"
Comment					

Address of the IATXSRVC service routine in IATWLSCS.					

End of Comment					
264	(108)	ADDRESS	4	TVTXSCSV	"V(SRVCSEV)"
Comment					

Address of the IATXDELY service routine in IATGRDLY.					

End of Comment					
268	(10C)	ADDRESS	4	TVTXDELY	"V(JOBDELAY)"
Comment					

Address of the IATXGENF service routine in IATGRGPF					

End of Comment					
272	(110)	ADDRESS	4	TVTXGENF	"V(GENFSERV)"
Comment					

Address of the General Purpose DSP dictionary entry.					

End of Comment					
276	(114)	ADDRESS	4	TVTXGPDS	"V(GENERALP)"
Comment					

Address of the WLM Job Select routine in IATMSWLC.					

End of Comment					
280	(118)	ADDRESS	4	TVTXWSEL	"V(WLMSLECT)"

IATYINT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

Address of WLM Deselect routine in IATMSWLD.					

End of Comment					
284	(11C)	ADDRESS	4	TVTXWDSL	"V(WLMDESEL)"
Comment					

Address of Job Spool Partition Check routine in IATDMTK.					

End of Comment					
288	(120)	ADDRESS	4	TVTXJSPC	"V(DMTKJSPC)"
Comment					

Address of Class Limit Shadow initialization routine in IATMSCC.					

End of Comment					
292	(124)	ADDRESS	4	TVTX_CLSHADIN	"V(MSCCCLSI)"
Comment					

Address of Class Limit Shadow re-initialization routine in IATMSCC.					

End of Comment					
296	(128)	ADDRESS	4	TVTX_CLSHADRE	"V(MSCCCLSR)"
Comment					

Address of Class Limit Shadow update routine in IATMSCC.					

End of Comment					
300	(12C)	ADDRESS	4	TVTX_CLSHADUP	"V(MSCCCLUP)"
Comment					

Address of Class Limit delay update routine in IATMSCC.					

End of Comment					
304	(130)	ADDRESS	4	TVTX_CLSDLYUP	"V(MSCCDLYU)"

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

Address of Class Constraint modify update routine in IATMSCC.					

End of Comment					
308	(134)	ADDRESS	4	TVTX_CLSMODUP	"V(MSCCMODU)"
Comment					

Address of the IATXWCLF service routine in IATWLCLF.					

End of Comment					
312	(138)	ADDRESS	4	TVTXSSCR	"V(SCHEDCR)"
Comment					

Address of local/CMS lock service routine in IATGRG1.					

End of Comment					
316	(13C)	ADDRESS	4	TVTX_LCLCMSLK	"V(LCLCMSLK)"
Comment					

ATR chain address					

End of Comment					
320	(140)	ADDRESS	4	TVTXATR	ATR chain address
320	(140)	X'1'	0	TVTF313	"1" IATYTVTX.143: Equate for HJS3313
320	(140)	X'2'	0	TVTF511	"2" IATYTVTX.152: Equate for HJS5511
324	(144)	ADDRESS	4	TVTX_MPUNITS (0)	Copies of MPUNITS
452	(1C4)	ADDRESS	4	TVTX_MPSETTRE (0)	Copies of MPSETTRE
Comment					

Address of subfunction parameter table entry for IATGRJPC. Only used on global.					

End of Comment					
580	(244)	ADDRESS	4	TVTXGCTB	"V(TBEJPCST)"

IATYINT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

Address of subfunction parameter table entry for IATGRJPI. Only used on global.					

End of Comment					
584	(248)	ADDRESS	4	TVTXGITB	"V(TBEJPST)"
Comment					

Address of subfunction parameter table entry for IATGRJPN. Only used on global.					

End of Comment					
588	(24C)	ADDRESS	4	TVTXGNTB	"V(TBEJPNST)"
Comment					

Address of subfunction parameter table entry for IATGRJPS. Only used on global.					

End of Comment					
592	(250)	ADDRESS	4	TVTXGSTB	"V(TBEJPSST)"
Comment					

Address of subfunction parameter table entry for IATGRJPX. Only used on global.					

End of Comment					
596	(254)	ADDRESS	4	TVTXGXTB	"V(TBEJPXST)"
Comment					

Address of get request from staging area routine. Only used on global.					

End of Comment					
600	(258)	ADDRESS	4	TVTXGSRQ	"V(GETSAREQ)"
Comment					

Address of wildcard check service routine. Only used on global.					

End of Comment					
604	(25C)	ADDRESS	4	TVTXGWCK	"V(WILDCHEK)"

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

Address of wildcard get length service routine. Only used on global.					

End of Comment					
608	(260)	ADDRESS	4	TVTXGWLN	"V(WILDLEN)"
Comment					

Address of get storage from staging area routine. Only used on global.					

End of Comment					
612	(264)	ADDRESS	4	TVTXGGSM	"V(GETSSTGM)"
Comment					

Address of subfunction parameter table entry for IATGR83 JES Device Info. Only used on global.					

End of Comment					
616	(268)	ADDRESS	4	TVTXJDTB	"V(TBEJDVST)"
Comment					

Address of IATGRPLX JESplex System Information processing routine. Only used on the global.					

End of Comment					
620	(26C)	ADDRESS	4	TVTXPLXI	"V(GRPLX)"
Comment					

Address of IATGR83C Console Information processing routine. Only used on the global.					

End of Comment					
624	(270)	ADDRESS	4	TVTX83C	"V(GR83C)"
Comment					

Address of IATGR83D Reader Information processing routine. Only used on the global.					

End of Comment					
628	(274)	ADDRESS	4	TVTX83D	"V(GR83D)"

IATYINT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

Address of IATGR83N Network/Lines Information processing routine. Only used on the global.					

End of Comment					
632	(278)	ADDRESS	4	TVTX83N	"V(GR83N)"
Comment					

Address of IATGR83P Printer/Punch Information processing routine. Only used on the global.					

End of Comment					
636	(27C)	ADDRESS	4	TVTX83P	"V(GR83P)"
Comment					

Address of IATGR83R Remote Workstation Information processing routine. Only used on the global.					

End of Comment					
640	(280)	ADDRESS	4	TVTX83R	"V(GR83R)"
Comment					

STT Copy Table pointer					

End of Comment					
644	(284)	ADDRESS	4	TVTXSTTM	STT copy table - IATYSTTM
Comment					

Address of IATGRENF ENF services. Only used on global.					

End of Comment					
648	(288)	ADDRESS	4	TVTXENF	"V(GRENF)"
Comment					

The following 3 fields: TVTXEWRK, TVTXECTL and TVTXEFRW must be contiguous since CDS logic is used to serialize access to the queue of IATGRENF work areas.					

End of Comment					
656	(290)	DBL WORD	8	TVTXEWRK (0)	Queue of available work areas used by IATGRENF
656	(290)	SIGNED	4	TVTXECTL	Queue control word
660	(294)	ADDRESS	4	TVTXEFRW	Address of 1st free element

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

Serially re-usable subtask work area used by IATGRENF's ENF70-signaling subtask.					

End of Comment					
664	(298)	ADDRESS	4	TVTXE7SW	ENF70 subtask work area
Comment					

End of TVTX fields.					

End of Comment					
664	(298)	X'29C'	0	IATYTVTX_LEN	** -IATYTVTX"

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	IATYTVTC	IATYTVTC.176: TVT Checkpointed extension
Comment					
JES3 MODULE ENTRY POINT IDENTIFIER					
01 Change Activity:					
\$SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0					
End of Comment					
0	(0)	CHARACTER	8	TVTCID	MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM 0108
36	(24)	CHARACTER	28	TVTCEYE	0108 0108
64	(40)	SIGNED	4	TVTCVERS	IATYTVTC.27: Current version of the control block
68	(44)	ADDRESS	4	TVTTVTC	IATYTVTC.37: Pointer to the primary extension of the TVT
72	(48)	ADDRESS	4	TVTCFTVT	IATYTVTC.34: Pointer to the fixed extension of the TVT
76	(4C)	SIGNED	4	TVTCLEN	IATYTVTC.131: Dynamic length of the TVT fixed extension

IATYINT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
IATYCNDDB_1::					
START OF SPECIFICATIONS					
01		PROPRIETARY STATEMENT=			
		PROPRIETARY_STATEMENT			
		LICENSED MATERIALS - PROPERTY OF IBM			
		5647-A01 COPYRIGHT IBM CORP. 1989, 2010			
		STATUS= HJS7770			
		END_OF_PROPRIETARY_STATEMENT			
		This data area is maintained as a CASE mapping macro.			
		Changes should be made to the CASE source and then			
		the PLX and Assembler should be regenerated.			
		Do NOT make changes to the PLX or Assembler directly!			
01		Descriptive Name: Console Destination Block			
		Acronym: CNDB			
01		Macro Name: IATYCNDDB			
01		DSECT Name: IATYCNDDB			
		--based variable for storage mapping			
01		Component: JES3 (SC1BA)			
01		Function:			
02		The console destination block is a control block that			
		contains information related to the destination that			
		messages should be sent to. This control block is built			
		as commands are entered into to the system and is used by			
		command processors as a destination for where to return			
		messages to. The control block is imbeded in other			
		control blocks and the size of the data area must not			
		change (otherwise a JES3 cold start is required). The			
		data is referenced by non-source maintained modules, so			
		offsets into the data area must not change.			
01		Eye-Catcher: CNDBEYE			
02		Offset: 4			
02		Length: 4			
01		Language: PL/X			
01		Storage Attributes:			
02		Allocation Method: Imbeded within other control blocks			
02		Main Storage: 94			
02		Virtual Storage: 94			
02		Auxiliary Storage: 94			
02		Subpool: n/a			
02		Key: 1			
02		Data Space: N/A			
02		Residency: any			
02		Frequency: n/a			
02		Size: 94			
02		Created by: n/a			
02		Deleted by: n/a			
02		Pointed to by: Imbeded within other control blocks			
02		Serialization: none			
01		EXTERNAL CLASSIFICATION: DMTI			
01		END OF EXTERNAL CLASSIFICATION:			
01		Method Of access:			
02		ASM: IATYCNDDB			
02		PLX: %INCLUDE SYSLIB(IATYCNDDB)			
01		CHANGE ACTIVITY:			
		\$QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support			
		\$RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init			
		\$T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0			
		CASE/390 - VERSION 49			
		END OF SPECIFICATIONS			
		%			
End of Comment					

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
80	(50)	SIGNED	4	TVTCNJEM (0)	IATYCNDDB.27: based variable for storage mapping
80	(50)	SIGNED	4		Four byte console id 0176
84	(54)	CHARACTER	4		IATYCNDDB eyecatcher
88	(58)	ADDRESS	4		IATYCNDDB version
92	(5C)	BITSTRING	8		Reserved for development
100	(64)	BITSTRING	8		Console Name 0176
108	(6C)	BITSTRING	24		Reserved for development
132	(84)	SIGNED	2		Reserved for development
134	(86)	BITSTRING	40		Reserved for development class

Comment

```

IATYCNDDB_1;;
START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  5647-A01 COPYRIGHT IBM CORP. 1989, 2010
  STATUS= HJS7770
  END_OF_PROPRIETARY_STATEMENT
  This data area is maintained as a CASE mapping macro.
  Changes should be made to the CASE source and then
  the PLX and Assembler should be regenerated.
  Do NOT make changes to the PLX or Assembler directly!
01 Descriptive Name: Console Destination Block
  Acronym: CNDB
01 Macro Name: IATYCNDDB
01 DSECT Name: IATYCNDDB
  --based variable for storage mapping
01 Component: JES3 (SC1BA)
01 Function:
02 The console destination block is a control block that
  contains information related to the destination that
  messages should be sent to. This control block is built
  as commands are entered into to the system and is used by
  command processors as a destination for where to return
  messages to. The control block is imbedded in other
  control blocks and the size of the data area must not
  change (otherwise a JES3 cold start is required). The
  data is referenced by non-source maintained modules, so
  offsets into the data area must not change.
01 Eye-Catcher: CNDBEYE
02 Offset: 4
02 Length: 4
01 Language: PL/X
01 Storage Attributes:
02 Allocation Method: Imbedded within other control blocks
02 Main Storage: 94
02 Virtual Storage: 94

```

IATYINT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
02 Auxiliary Storage: 94					
02 Subpool: n/a					
02 Key: 1					
02 Data Space: N/A					
02 Residency: any					
02 Frequency: n/a					
02 Size: 94					
02 Created by: n/a					
02 Deleted by: n/a					
02 Pointed to by: Imbedded within other control blocks					
02 Serialization: none					
01 EXTERNAL CLASSIFICATION: DMTI					
01 END OF EXTERNAL CLASSIFICATION:					
01 Method Of access:					
02 ASM: IATYCNDDB					
02 PLX: %INCLUDE SYSLIB(IATYCNDDB)					
01 CHANGE ACTIVITY:					
\$QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support					
\$RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init					
\$T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0					
CASE/390 - VERSION 49					
END OF SPECIFICATIONS					
%					
End of Comment					
176	(B0)	SIGNED	4	TVTCBDM (0)	IATYCNDDB.27: based variable for storage mapping
176	(B0)	SIGNED	4		Four byte console id 0176
180	(B4)	CHARACTER	4		IATYCNDDB eyecatcher
184	(B8)	ADDRESS	4		IATYCNDDB version
188	(BC)	BITSTRING	8		Reserved for development
196	(C4)	BITSTRING	8		Console Name 0176
204	(CC)	BITSTRING	24		Reserved for development
228	(E4)	SIGNED	2		Reserved for development
230	(E6)	BITSTRING	40		Reserved for development class
270	(10E)	CHARACTER	256	TVTCRD01	IATYTVTC.158: Reserved for Develop.
526	(20E)	CHARACTER	256	TVTCRD02	IATYTVTC.189: Reserved for Develop.
782	(30E)	CHARACTER	256	TVTCRD03	IATYTVTC.212: Reserved for Develop.
1038	(40E)	CHARACTER	256	TVTCRD04	IATYTVTC.147: Reserved for Develop.
1294	(50E)	CHARACTER	256	TVTCRS01	IATYTVTC.167: Reserved for Service.
1550	(60E)	CHARACTER	256	TVTCRS02	IATYTVTC.1: Reserved for Service.
1806	(70E)	CHARACTER	256	TVTCRS03	IATYTVTC.215: Reserved for Service.
2062	(80E)	CHARACTER	256	TVTCRS04	IATYTVTC.173: Reserved for Service.
2062	(80E)	X'1'	0	TVTC313	"1" IATYTVTC.203: Equate for HJS3313
2318	(90E)	X'90E'	0	IATYTVTC_LEN	"*-IATYTVTC"

Comment

IATYFDB FILE DESCRIPTION BLOCK
 THE FDB HAS BEEN PREVIOUSLY GENERATED
 IATYITXT FUNC=EQUATES Intermediate text file ids
 Intermediate Text File Identifiers

01 Change Activity:
 \$SR= TCPNJE HJS7720 030630 PD0RF: z 1.7.0

End of Comment

Comment

,SETUNITS

End of Comment

.... ...1

ITXSETUN

"X'1'" Intermediate text file id

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
				Comment	
				End of Comment	
		.... .1.		ITXSUPUN	"X'2" Intermediate text file id
				Comment	
				End of Comment	
		.... .11		ITXSYSOT	"X'3" Intermediate text file id
				Comment	
				End of Comment	
		.... .1..		ITXSOCKT	"X'4" Intermediate text file id
				Comment	
				End of Comment	
		.... .1.1		ITXDEADL	"X'5" Intermediate text file id
				Comment	
				End of Comment	
		.... .11.		ITXNETSV	"X'6" Intermediate text file id
				Comment	
				End of Comment	
		.... .111		ITXRMTCN	"X'7" Intermediate text file id
				Comment	
				End of Comment	
		.... 1...		ITXRESDS	"X'8" Intermediate text file id
				Comment	
				End of Comment	
		.... 1.1		ITXRSD03	"X'9" Intermediate text file id
				Comment	
				End of Comment	
		.... 1.1.		ITXSETPA	"X'A" Intermediate text file id

IATYINT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
				Comment	
				,SETNAME	
				End of Comment	
		.... 1.11		ITXSETNM	"X'B" Intermediate text file id
				Comment	
				,MAINPROC, GROUP, CLASS	
				End of Comment	
		.... 11..		ITXMAINP	"X'C" Intermediate text file id
				Comment	
				,CLASS INFO, SELECT, GROUP EXRESC	
				End of Comment	
		.... 11.1		ITXCLASS	"X'D" Intermediate text file id
				Comment	
				,RJPLINE	
				End of Comment	
		.... 111.		ITXRJPLN	"X'E" Intermediate text file id
				Comment	
				,CONSTD	
				End of Comment	
		.... 1111		ITXCONST	"X'F" Intermediate text file id
				Comment	
				,RJPTERM	
				End of Comment	
		...1		ITXRJPTM	"X'10" Intermediate text file id
				Comment	
				,RESERVED	
				End of Comment	
		...1 ...1		ITXRSD04	"X'11" Intermediate text file id
				Comment	
				,CIPARM	
				End of Comment	
		...1 ..1.		ITXCIPRM	"X'12" Intermediate text file id
				Comment	
				,MSGROUTE	
				End of Comment	
		...1 ..11		ITXMSGRT	"X'13" Intermediate text file id

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
				Comment	
					,SETACC
				End of Comment	
		...1 .1..		ITXSETAC	"X'14" Intermediate text file id
				Comment	
					,SETRES
				End of Comment	
		...1 .1.1		ITXSETRS	"X'15" Intermediate text file id
				Comment	
					,HWSNAME
				End of Comment	
		...1 .11.		ITXHWSNM	"X'16" Intermediate text file id
				Comment	
					,DEVICE FENCE (EXRESC, DEVPOOL)
				End of Comment	
		...1 .111		ITXDVFNC	"X'17" Intermediate text file id
				Comment	
					,RESERVED
				End of Comment	
		...1 1...		ITXRSD05	"X'18" Intermediate text file id
				Comment	
					,RESERVED
				End of Comment	
		...1 1..1		ITXRSD06	"X'19" Intermediate text file id
				Comment	
					,RESERVED
				End of Comment	
		...1 1.1.		ITXRSD07	"X'1A" Intermediate text file id
				Comment	
					,RESERVED
				End of Comment	
		...1 1.11		ITXRSD08	"X'1B" Intermediate text file id
				Comment	
					,RJPWS (WSB)
				End of Comment	
		...1 11..		ITXWSB	"X'1C" Intermediate text file id

IATYINT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
					Comment
					,COMPACT
					End of Comment
		...1 11.1		ITXCOMPC	"X'1D" Intermediate text file id
					Comment
					,RJPWS (RLT)
					End of Comment
		...1 111.		ITXRJPWS	"X'1E" Intermediate text file id
					Comment
					,DYNALDSN
					End of Comment
		...1 1111		ITXDYNDS	"X'1F" Intermediate text file id
					Comment
					,FSSDEF
					End of Comment
		..1.		ITXFSSDF	"X'20" Intermediate text file id
					Comment
					,RESERVED
					End of Comment
		..1. ...1		ITXRSD09	"X'21" Intermediate text file id
					Comment
					,DESTDEF
					End of Comment
		..1. ..1.		ITXDSTDF	"X'22" Intermediate text file id
					Comment
					,NJERMT
					End of Comment
		..1. ..11		ITXNJERM	"X'23" Intermediate text file id
					Comment
					,USER1
					End of Comment
		..1. ..1..		ITXUSR01	"X'24" Intermediate text file id
					Comment
					,USER2
					End of Comment
		..1. ..1.1		ITXUSR02	"X'25" Intermediate text file id

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
				Comment	
				End of Comment	
		..1. .11.		ITXUSR03	"X'26" Intermediate text file id
				Comment	
				End of Comment	
		..1. .111		ITXUSR04	"X'27" Intermediate text file id
				Comment	
				End of Comment	
		..1. 1..		ITXUSR05	"X'28" Intermediate text file id
				Comment	
				End of Comment	
		..1. 1..1		ITXUSR06	"X'29" Intermediate text file id
				Comment	
				End of Comment	
		..1. 1..1.		ITXUSR07	"X'2A" Intermediate text file id
				Comment	
				End of Comment	
		..1. 1..11		ITXUSR08	"X'2B" Intermediate text file id
				Comment	
				End of Comment	
		..1. 11..		ITXUSR09	"X'2C" Intermediate text file id
				Comment	
				End of Comment	
		..1. 11..1		ITXUSR10	"X'2D" Intermediate text file id
				Comment	
				End of Comment	
		0 (0) BITSTRING	0	ITXEND	"X'FFFF" Intermediate text file id

IATYINT Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	IATINDT	
Comment					
WARNING					
THE OFFSETS FOR THE FIELDS DEFINED BETWEEN IATINDT AND INTFREND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE					
End of Comment					

IATYINT Cross Reference

Name

AASPMAP
ABACKR
ABENDAPG
ABENDDCB
ABLOCK

ACCTDFLT
ACLOSE
ACONCONS
ACONRS10
ACONRS20

ACONSBCB
ACONSRMT
ACONTIME
ACTLTRAP
ADEBLOCK

ADELETE
ADEQ
ADLTABLE
AENQ
AFDADD

AFDDELET
AFDFIND
AFGABNUM
AFGDL PST
AFGDMPOS

AFGDMPSA
AFGESTAE
AFGFLAG2
AFGFLAG5
AFGFSACT

AFGGMPF
AFGNOC PF
AFGPJES3
AFGRS201
AFGRS202

AFGRS204
AFGRS208
AFGRS210
AFGRS220
AGETBUF

AGETMAIN
AHED_ANCHOR
AHED_FREE
AHED_SEQUENCE

Name

AHED_TOTAL
AIATINIT
AINTDATA
AIOBFECF
AIOBFUSE

AIOBMIN
AIOFDLST
AIOFDNEW
AIOFDPRY
AIOFDTOP

AIOFLAG1
AIOFLAG2
AIOGETBF
AIOJQMSG
AIONCMSG

AIONMBUF
AIONMSOUT
AIONBUFS
AIONOAWT
AIONOBFM

AIONOBFN
AIONOSPC
AIOPTJSM
AIORDWRT
AIORESPG

AIOSNGIO
ALOAD
ALOCATE
ANALYZE
ANJECHKS

ANJECNSQ
ANJESRCH
ANJETBL
ANOTE
AOPEN

AOPEND
APOINT
APURGE
APUTBUF
APUTMAIN

ARELEASE
ARETNAD
ARNAMES
AR0
AR1

AR10
AR11
AR12
AR13
AR14

AR15
AR2
AR3
AR4
AR5

AR6
AR7
AR8
AR9
ASAVE

IATYINT Cross Reference

Name

ASPABND0
ASPECB
ASPTCB
ASYSIOSP
ATEST

ATIME
ATRACK
AUXPTERM
AWAIT
AWAITEP

AWAITL
AWAITOFF
AWAITOFL
AWRITE
BUFSZ

CHENDAPG
CHKPNT
CKPTAREA
COLDSTRT
CONCNJS

CONCNVRT
CONREVRT
CONSAUTH
CONSUBPL
CPU IPL

DCTRAPS
DEC
DECFBTR
DECFDR
DEC FER

DEC FIO
DEC FSEC
DEC FTX
DEQMSG
DEVSCAN

DJCACTIV
DJCKFDB
DJCFREE
DJCPOST
DLOCOFF

DLOCON
DLQ
DMTAREQ
DMTARPLY
DMTKSTTR

DNMCONVI
DNMDISBL
DNMENABL
DNMISDRV
DNMMAIN

DNMOUTPT
DNMPSTSC
DNMPURGE
DRDCB
DSIACTV

DSIFCT
DSPCONVI
DSPDIC
DSPDISBL
DSPDMJA

Name

DSPENABL
DSPFSSCT
DSPIG
DSPISDRV
DSPMAIN

DSPNJESF
DSPNJESN
DSPOUTPT
DSPPSTSC
DSPRSCNT

DSPURGE
DSQLOC
DSQLOCEP
DUMYCNCDB
DYNALOC

DYNALRTY
DYNCCDD
DYNDYNP
DYNECF
DYNINIT

DYNRALOC
DYNSAMSK
DYNUNAL
EFTOP
FAILDSP

FCT
FCTACTIV
FCTLAST
FCTTOP
FDBALLIO

FDBASA
FDBBPTR
FDBCHKPT
FDBCLOSE
FDBCSBTJ

FDBCSBTL
FDBCSBTR
FDBCSBTW
FDBDATA
FDBDATCH

FDBDKFRR
FDBDSTAT
FDBECF
FDBEND
FDBERCNT

FDBERFLG
FDBERROR
FDBFCTPM
FDBFDATA
FDBFLAGS

FDBFLAG0
FDBFLAG1
FDBFLAG2
FDBFLAG3
FDBFLGR2

FDBFLGR4
FDBFRIEND
FDBFORS1
FDBF102
FDBINPUT

IATYINT Cross Reference

Name

FDBIOCNG
FDBIOCNT
FDBIOERR
FDBIOIP
FDBJBATAT

FDBJBTER
FDBJBTEX
FDBJBTL
FDBJBTXL
FDBJIOER

FDBJTBIT
FDBJTEND
FDBJTERR
FDBJTFLG
FDBJTOFL

FDBJTRSV
FDBJTSPA
FDBJTSPM
FDBJTSPR
FDBLOCAT

FDBLSTIO
FDBMAC
FDBMNTAT
FDBMODN2
FDBMREND

FDBMRFL
FDBMULT
FDBNDATA
FDBNOADR
FDBNOPUT

FDBOCLSE
FDBODEOD
FDBOLD
FDBONSP
FDBOPEN

FDBOPTCD
FDBPNTIN
FDBPOINT
FDBPRTY
FDBRABDU

FDBRECCT
FDBRECN2
FDBRECOV
FDBRL
FDBROTTER

FDBRRERQ
FDBRSFLD
FDBRSVD1
FDBSKIP
FDBSPADR

FDBSPFL1
FDBSPLIT
FDBSPMOD
FDBSPNDX
FDBSPREC

FDBSREND
FDBSRFL
FDBSRSV1
FDBSRSV2
FDBSTART

Name

FDBTAERR
FDBTMSTP
FDBVALID
FDBWCHLK
FINDJNUM

FIRSTDEB
FSSCKPT
GECFJOBN
GECFMCON
GECFMTRK

GECFSTAD
GETUNIT
GMSCKPT
GMSFDB
HOMENODE

HOTSTRT
IATGRVT
IATINDT
IATXAMDV
IATXCNS

IATXCPYF
IATXCSS
IATXELA
IATXELD
IATXELS

IATXERCV
IATXFRQ
IATXGOSE
IATXIOX
IATXIWT

IATXJDS
IATXJET
IATXOSBM
IATXOSPC
IATXOSPM

IATXOSSC
IATXOSSO
IATXOSWS
IATXPOSE
IATXPRMD

IATXPRT
IATXRABC
IATXRABD
IATXRABP
IATXRCVL

IATXRELC
IATXSCN1
IATXSCN2
IATXSIO
IATXSMF

IATXSPR
IATXTRC
IATYTVTC
IATYTVTC_LEN
IATYTVTX

IATYTVTX_LEN
ICT
INCNCMP
INITCMP
INITOPS

IATYINT Cross Reference

Name

INTERCOM
IOEERROR
IOENORML
IOERRECF
IOERRFCT

IOETIMED
IPLMASK
ITXCIPRM
ITXCLASS
ITXCOMPC

ITXCONST
ITXDEADL
ITXDSTDF
ITXDFVNC
ITXDYNDS

ITXEND
ITXFSSDF
ITXHWSNM
ITXMAINP
ITXMSGRT

ITXNETSV
ITXNJERM
ITXRESDS
ITXRJPLN
ITXRJPTM

ITXRJPWS
ITXRMTCN
ITXRSD03
ITXRSD04
ITXRSD05

ITXRSD06
ITXRSD07
ITXRSD08
ITXRSD09
ITXSETAC

ITXSETNM
ITXSETPA
ITXSETRS
ITXSETUN
ITXSOCKET

ITXSUPUN
ITXSYSOT
ITXUSR01
ITXUSR02
ITXUSR03

ITXUSR04
ITXUSR05
ITXUSR06
ITXUSR07
ITXUSR08

ITXUSR09
ITXUSR10
ITXWSB
JCTRKFDB
JDSADD

JDSBENRY
JDSGET
JDSHOLD
JDSPOINT
JDSPUT

Name

JDSREL
JESCKPNT
JESCLOSE
JESEXCP
JESKEY

JESMODLK
JESMSG
JESMSGRT
JESOPEN
JESPOOL

JESREAD
JESSNAP
JESTAE
JNADD
JNCBCTL

JNCBHD
JNCBPOST
JNCBREL
JNCBTOP
JNDEL

JNGET
JNUMR
JOBCLS
JOBFAIL
JOBGRP

JOBNALOC
JOBNRTN
JOBNSSET
JOBPRTY
JOBSQSIZ

JQEPTY0
JQEPTY1
JQEPTY10
JQEPTY11
JQEPTY12

JQEPTY13
JQEPTY14
JQEPTY15
JQEPTY2
JQEPTY3

JQEPTY4
JQEPTY5
JQEPTY6
JQEPTY7
JQEPTY8

JQEPTY9
JSERV
JSSACTIV
JSSCHKPT
JSSDADR

JSSDUCHG
JSSEFADD
JSSFCT
JSSFLG1
JSSFLG2

JSSFSTIM
JSSGPOST
JSSMCGAV
JSSOSWEF
JSSPRELH

IATYINT Cross Reference

Name

JSSPROCN
JSSRETRN
JSSRQTMR
JSSSTART
JSSTPOST

JSSWORKQ
LCLJNEWS
LOGIN
LOGOUT
LVRATPST

LVRRSPST
LVRRSV10
LVRRSV20
LVRRSV40
LVRRSV80

LVRSPST
MAINACT
MAINDATA
MCLASS
MDSPARM

MESSAGE
MGROUP
MLBCB
MNTRKFDB
MOVEDATA

MSGCECF
MSSACT
MSSDEPTH
MSSJOB
NCBTAADD

NCBTAFND
NCBTAGET
NCBTAPUT
NCBTAREL
NCKADD

NCKDEL
NCKLOCK
NCKLOCKD
NJPNAME
OSEFLAGS

OSEOUTPT
OSERQWS
OSETIMER
OSEWTRS
OSEWTRSL

OSGRJGET
OSGRJPUT
OSGRJREL
OSSRQTOP
OSSWAIT

OSWSQUE
PAFCTBTM
PAFCTTOP
POSTSRS
PRO

PRTAB
PUNTAB
PURCHAIN
PUTUNIT
RCLOSE

Name

RESTABLE
RJPASYNQ
RJPCPOST
RJPCTIME
RJPECB

RJPECF
RJPECFAB
RJPECFCE
RJPECFCN
RJPECFLL

RJPECFOP
RJPECFST
RJPECFTM
RJPIO
RJPJNEWS

RJPLDCTQ
RJPRTERM
RJPSNAP
RJPSNPFL
RJPTAB

ROPEN
RQ
RQBTM
RQDTOP
RQTAADD

RQTADEL
RQTAPUT
RQTOP
RQWTRTOP
RSCFCT

RSCNOFCT
RSCNOWAT
RSCTFCT
RSCTTEST
RSCTWAIT

RSCWAIT
R0
R1
R10
R11

R12
R13
R14
R15
R2

R3
R4
R5
R6
R7

R8
R9
SCTAB
SETNAMES
SIZEBUF

SMFDYFCT
SMFPOST
SMFRCUR
SMRFDB
SNAPDCBA

IATYINT Cross Reference

Name

SNARMVCB
SNLKDEC
SNLKERR
SNLKINC
SNLKINNC

SNLKNORM
SNSTCM
SNSTERR
SNSTFCB
SNSTNORM

SNSTOFF
SNSTON
SNSTONTQ
SNSTQ
SNSTQI

SNSTRQ
SNSTTEST
SNSTTNCH
SPINOFF
SPINPOST

SPORQTOP
SRJPACT
SRJPACTM
SRJPBCB
SRJPCSFL

SRJPECF
SRJPFLG
SRJPISEC
SRJPNDRA
SRJPPOP

SRJPRCB
SRJPRJS
SRJPRSET
SRJPRSRB
SRJPRSVS

SRJPRTRM
SRJPSCTR
SRJPSNDA
SRJPSNDC
SRJPSNDD

SRJPSNDE
SRJPSNDF
SRJPSNDG
SRJPSNDM
SRJPSNDN

SRJPSNDO
SRJPSNDP
SRJPSNDR
SRJPSNDS
SRJPSNDT

SRJPSNDU
SRJPSNDV
SRJPSNFI
SRJPSNFO
SRJPSNFS

SRJPSNJP
SRJPSNLK
SRJPSNLM
SRJPSNPI
SRJPSNPO

Name

SRJPSNSG
SRJPSNST
SRJPSQAN
SRJPSRT
SRJPSTQ

SRJPWKQ
STEPCHK
SUPUNITS
SYSTAB
SYSUNIT

SYSUNITS
TATFLAGS
TATGMSSP
TATMINQ
TATMRGQ

TATUPDWR
TCKFDB
TDBGCLSS
TESTSRS
TIDSNT

TIHWST
TIPARMS
TODMSG
TPROCCHN
TSOJNEWS

TVABNGET
TVDSIECF
TVINITID
TVJCTREL
TVONLFDB

TVRSTFLG
TVTABEL
TVTABMN
TVTABMNE
TVTABNOF

TVTADMSK
TVTADSLM
TVTALETA
TVTANYJS
TVTANYRL

TVTASPC
TVTASPE
TVTASPW
TVTATCB
TVTATDCI

TVTATE
TVTATFLG
TVTATRCA
TVTAUTOR
TVTAUXT

TVTAXWC
TVTBALJ
TVTBALST
TVTBCMD
TVTBCMDQ

TVTBCOMM
TVTBDCDA
TVTBDUMY
TVTBECF
TVTBECFN

IATYINT Cross Reference

Name

TVTBECFS
TVTBEND
TVTBFLG1
TVTBJCRQ
TVTBLANK

TVTBMSK
TVTBNFG
TVTBNJET
TVTBNMSK
TVTBONMR

TVTBOTH
TVTBREC
TVTBRECC
TVTBRSV1
TVTBST

TVTBSMSK
TVTBSSA
TVTBSSIR
TVTBSZDT
TVTBTJDS

TVTBTJST
TVTBTR
TVTCALNT
TVTCANB
TVTCANC

TVTCANL
TVTCANP
TVTCBCLS
TVTCBDTM
TVTCBJOB

TVTCDCLS
TVTCDECF
TVTCDJOB
TVTCDSI
TVTCECF

TVTCEYE
TVTCFATF
TVTCFCNT
TVTCFDAT
TVTCFINF

TVTCFR01
TVTCFR02
TVTCFR04
TVTCFR08
TVTCFTIM

TVTCFTVT
TVTCIATC
TVTCICNT
TVTCID
TVTCIECB

TVTCIECF
TVTCIFLG
TVTCIFSS
TVTCIJSS
TVTCIR01

TVTCIR02
TVTCIR04
TVTCIR08
TVTCISBW
TVTCISCH

Name

TVTCITCB
TVTCKFCT
TVTCKMSG
TVTCLEN
TVTCLREG

TVTCL012
TVTCNJEM
TVTCNMLW
TVTCNSAP
TVTCNTOR

TVTCONSR
TVTCPUID
TVTCRD01
TVTCRD02
TVTCRD03

TVTCRD04
TVTCRS01
TVTCRS02
TVTCRS03
TVTCRS04

TVTCBTR
TVTCBTU
TVTCSCP
TVTCSE
TVTCST

TVTCVERS
TVTC313
TVTDATFS
TVTDATQ
TVTDATSZ

TVTDCNDB
TVTDDINB
TVTDELET
TVTDFCB
TVTDHWS

TVTDISK
TVTDJFLG
TVTDJOCT
TVTDJRST
TVTDLMSK

TVTDMCDE
TVTDMCPG
TVTDMCQ
TVTDMCSZ
TVTDMDK

TVTDMPB
TVTDMPC
TVTDMPL
TVTDMPLN
TVTDMPP

TVTDMSAV
TVTDMTRC
TVTDPJBN
TVTDPJEN
TVTDRCR

TVTDRCRC
TVTDRDN
TVTDRDR
TVTDRECF
TVTDRFLG

IATYINT Cross Reference

Name

TVTDRTN
TVTDRTR
TVTDSFDB
TVTDSIBK
TVTDSIOK

TVTDSI01
TVTDSI02
TVTDSI04
TVTDSI08
TVTDSI10

TVTDSI20
TVTDSI40
TVTDSPIQ
TVTDSPMO
TVTDSP00

TVTDSSCH
TVTDYCLU
TVTDYNL
TVTDYSCR
TVTEASID

TVTENCTL
TVTEND
TVTENFRW
TVTENST
TVTENWRK

TVTEPCST
TVTEPE
TVTEPS
TVTEPST
TVTERRQ

TVTERRWK
TVTESTE6
TVTESTFL
TVTESTSZ
TVTEST00

TVTEUDTA
TVTEXREL
TVTF_EYE_CATCHER

TVTFCTVT

TVTFDCTA
TVTFDMAX
TVTFDUSE
TVTFETCH
TVTFID

TVTFFLAG1
TVTFFLAG2
TVTFLEN
TVTFREND
TVTFSAID

TVTFSAK
TVTFSCIU
TVTFSECB
TVTFSEPL
TVTFSEPN

TVTFSEPS
TVTFSFCT
TVTFSG1
TVTFSG2
TVTFSLG

Name

TVTFSID
TVTFSL
TVTFSLG
TVTFSLGA
TVTFSLLOG

TVTFMSE
TVTFMSG
TVTFMSL
TVTFMSS
TVTFSNDP

TVTFSRC
TVTFSS
TVTFSSAB
TVTFSSAD
TVTFSSAM

TVTFSSAR
TVTFSSCK
TVTFSSCL
TVTFSSCM
TVTFSSFD

TVTFSSFP
TVTFSSFS
TVTFSSID
TVTFSSIN
TVTFSSNM

TVTFSSRS
TVTFSSST
TVTFSSTA
TVTFSUFD
TVTFSWA

TVTFSWRK
TVTFTVT
TVTFVERS
TVTF313
TVTF511

TVTGETE6
TVTGET00
TVTGLOBL
TVTGMSFL
TVTGMSF

TVTGMSUP
TVTGMS1
TVTGRFLG
TVTGRJQE
TVTGROCO

TVTGRPSZ
TVTGRSM1
TVTGSAGP
TVTGSATT
TVTGSDDET

TVTGSPFD
TVTGSSAT
TVTGSSWM
TVTGSWK1
TVTHOBOF

TVTHOBON
TVTHRCNT
TVTHRDAT
TVTHRINF
TVTHRTIM

IATYINT Cross Reference

Name

TVTHWMSK
TVTHWQE
TVTHXCHR
TVTICKL
TVTICTCH

TVTID
TVTIDAAD
TVTIDDAT
TVTIDTIM
TVTIFCAD

TVTIHWS
TVTINDAT
TVTINPPS
TVTINPUT
TVTINSAV

TVTINSPA
TVTINTIM
TVTINTPM
TVTINTPR
TVTINTRD

TVTINTRP
TVTIOPRM
TVTIQECA
TVTIQECM
TVTIRA

TVTISFLG
TVTISF01
TVTISF02
TVTISF04
TVTISF08

TVTISF10
TVTISJ
TVTITKPM
VTJADAD
VTJBDTH

VTJBEXP
VTJB LIM
VTJBMSG
VTJBNSE
VTJBOUT

VTJBTS
VTJBTXP
VTJBUSE
VTJDDL M
VTJDENO

VTJDEQ
VTJESMS
VTJETCR
VTJLFLG
VTJMF

VTJMJB T
VTJMJDS
VTJMQA
VTJMSSI
VTJMUPD

VTJNBAT
VTJNCBF
VTJNCHN
VTJNECF
VTJNFND

Name

TVTJNMSK
TVTJNRET
TVTJNSTC
TVTJNTHL
TVTJNTSO

TVTJNWID
TVTJOBLM
TVTJQEDQ
TVTJQENQ
TVTJQX

TVTJSFLG
TVTJSSDA
TVTJTGBL
TVTJTOFF
TVTJ3PST

TVTLDAAD
TVTLIMF
TVTLLPRT
TVTLNGTH
TVTLOCAL

TVTLOECF
TVTLPJ3
TVTLSTST
TVTLTRC
TVTMAINJ

TVTMAPRJ
TVTMAXB
TVTMAXC
TVTMAXL
TVTMAXP

TVTMBJ
TVTMDFLG
VTMDSRD
VTMEMBR
VTMEMD

VTMINTR
VTMLRL
VTMNSMS
VTMOECA
VTMOECM

VTMPLAV
VTMRGTR
VTMSABN
VTMSDM
VTMSMI

VTMSPAT
VTMSU
VTMTON
VTMUBLN
VTMXDCI

VTMXINT
VTNJEF1
VTNJEOK
VTNONE
VTNOTFY

VTNTRCA
VTNTSV
VTNTTCK
VTNUCT
VTOLDGL

IATYINT Cross Reference

Name

TVTONE
TVTONEH
TVTONMSK
TVTOSDIE
TVTOSFP

TVTOSRTQ
TVTOUTPT
TVTPATH
TVTPBITL
TVTPDAAD

TVTPJCL
TVTPJCLP
TVTPPAGS
TVTPRCDS
TVTPRCEN

TVTPREFR
TVTPRSUB
TVTPSDMX
TVTPSDUS
TVTPSSCH

TVTPTATS
TVTPTCAD
TVTPTCKP
TVTPTECF
TVTQBIT

TVTRAGNO
TVTRDFR1
TVTRDFR2
TVTRDQEF
TVTRDQPT

TVTRDQTP
TVTRDYFC
TVTRD00H
TVTRD005
TVTRD040

TVTRD080
TVTRD082
TVTRD084
TVTRD086
TVTRD090

TVTRD095
TVTRD100
TVTRD110
TVTRD112
TVTRD117

TVTRD118
TVTRD120
TVTRD130
TVTRD150
TVTRD151

TVTRD152
TVTRD155
TVTRD190
TVTRD200
TVTRD210

TVTRD215
TVTRD220
TVTRD230
TVTRD260
TVTRD270

Name

TVTRD280
TVTRD290
TVTRD300
TVTRD305
TVTRD310

TVTRD315
TVTRD330
TVTRD345
TVTRD350
TVTRD360

TVTRD403
TVTRD405
TVTRD410
TVTRD420
TVTRD425

TVTRD430
TVTRD460
TVTRD465
TVTRD480
TVTREFRS

TVTREQUI
TVTRETNT
TVTRFN01
TVTRFN02
TVTRFN04

TVTRFN08
TVTRFN10
TVTRFN20
TVTRFN40
TVTRF201

TVTRF202
TVTRF204
TVTRF208
TVTRF210
TVTRJPAC

TVTRJPCP
TVTRJPDJ
TVTRMFF
TVTRM7F
TVTRM80

TVTRQCAD
TVTRSF10
TVTRSV01
TVTRS00F
TVTRS010

TVTRS040
TVTRS060
TVTRS090
TVTRS120
TVTRS130

TVTRS140
TVTRS150
TVTRS210
TVTRS219
TVTRS220

TVTRS221
TVTRS230
TVTRS260
TVTRS270
TVTRS280

IATYINT Cross Reference

Name

TVTRS310
TVTRS360
TVTRS370
TVTRS375
TVTRS380

TVTRS420
TVTRS480
TVTRTAB
TVTRTAT
TVTRU050

TVTRU080
TVTRU120
TVTRU130
TVTRU150
TVTRU160

TVTRU210
TVTRU230
TVTRU260
TVTRU270
TVTRU310

TVTRU320
TVTRU350
TVTRU370
TVTRU390
TVTRU410

TVTRU430
TVTSAFCL
TVTSAPWQ
TVTSBCNT
TVTSBPSY

TVTSBPUS
TVTSCANI
TVTSCPSC
TVTSDA
TVTSDEAD

TVTSDION
TVTSDMSG
TVTSDSI
TVTSETUP
TVTSIOSV

TVTSJFWK
TVTSLOTL
TVTSMFCH
TVTSMFFL
TVTSMFFO

TVTSMFOP
TVTSMMS
TVTSMSCX
TVTSMSET
TVTSNAPN

TVTSNECB
TVTSNFDB
TVTSNNUM
TVTSNPNA
TVTSOCK

TVTSOSRQ
TVTSP
TVTSPADD
TVTSPAGS
TVTSPCHG

Name

TVTSPCK
TVTSPDEF
TVTSPDEL
TVTSPFLC
TVTSPFLG

TVTSPFL2
TVTSPID
TVTSPINT
TVTSPPLST
TVTSPMSG

TVTSPPPCH
TVTSPPPCK
TVTSPPFLL
TVTSPREL
TVTSPREP

TVTSPRPL
TVTSPSTT
TVTSPPTAP
TVTSPUNV
TVTSQE

TVTSSAUX
TVTSSDSP
TVTSSDST
TVTSSNM
TVTSSNUC

TVTSSVT
TVTSTAD
TVTSTCPM
TVTSTCPR
TVTSTECB

TVTSTFG0
TVTSTFG1
TVTSTFG2
TVTSTFG3
TVTSTFG4

TVTSTFG5
TVTSTFG6
TVTSTFG7
TVTSTFLG
TVTSTLOC

TVTSTMD
TVTSTTAL
TVTSTTBD
TVTSTTBL
TVTSTTCB

TVTSTTPG
TVTSTTRC
TVTSTTRP
TVTSTTSR
TVTSTUSR

TVTSUPNO
TVTSUSPE
TVTSUSPM
TVTSVCNT
TVTSVHDR

TVTSVLST
TVTSYCNT
TVTSYSID
TVTTAECF
TVTTAWK

IATYINT Cross Reference

Name

TVTTELEN
TVTTELS
TVTTELTP
TVTTGBAD
TVTTGBUP

TVTTHWS
TVTTJDSA
TVTTOKEN
TVTTRC2
TVTTRC3

TVTTSOPM
TVTTSOPR
TVTTSOPS
TVTTVTC
TVTTVTF

TVTUAGET
TVTUCDCI
TVTUTIC
TVTUXL
TVTVVALID

TVTVIOPM
TVTVIRT
TVTVPTH
TVTVRECF
TVTVS2F1

TVTWAITS
TVTWDITV
TVTWDLIM
TVTWORKD
TVTWORKS

TVTWROSE
TVTWTDEC
TVTWTDPS
TVTWTD01
TVTWTD02

TVTWTD04
TVTWTD08
TVTWTD10
TVTWTD20
TVTWTFCT

TVTX_CLSDLYUP

TVTX_CLSHADIN

TVTX_CLSHADRE

TVTX_CLSHADUP

TVTX_CLSMODUP

TVTX_LCLCMSLK

TVTX_MPSETTRE

TVTX_MPUNITS
TVTXAHED
TVTXATDE
TVTXATR
TVTXBPL
TVTXCKPT

Name

TVTXCNDB
TVTXCS03
TVTXCS06
TVTXCS07
TVTXCS08

TVTXCS09
TVTXCS10
TVTXCS11
TVTXCS12
TVTXDELY

TVTXDPL
TVTXECTL
TVTXEFRW
TVTXENF
TVTXEWRK

TVTXE7SW
TVTXGCL
TVTXGCTB
TVTXGENF
TVTXGGSM

TVTXGITB
TVTXGNTB
TVTXGPDS
TVTXGSG
TVTXGSRQ

TVTXGSTB
TVTXGWCK
TVTXGWLN
TVTXGXTB
TVTXITRC

TVTXJCT
TVTXJDTB
TVTXJLOK
TVTXJQE
TVTXJSPC

TVTXJXGT
TVTXM702
TVTXM703
TVTXPLXI
TVTXRCL

TVTXRJPC
TVTXSCSV
TVTXSQE
TVTXSSCR
TVTXSSEV

TVTXSST
TVTXSSTB
TVTXSTTM
TVXTOD
TVXTODF

TVXTRCD
TVTXWCLF
TVTXWDSL
TVTXWLM
TVTXWSEL

TVTXWSRV
TVTX83C
TVTX83D
TVTX83N
TVTX83P

IATYINT Cross Reference

Name

TVTX83R
TVTYOSD
TVTYSYSL
TVTZERO
TVTZEROX

TVT3100D
TVT8500D
UAVLFLG
VATAFCT
VGETFCT

VGETRSQ
WARMSTRT
WRTCHAIN
WTD
WTDQUE

XCFDEFGP
XCFGRPNM
ZEROCORE

IATYIOP Information

IATYIOP Programming Interface information

Programming Interface information

IATYIOP

The following fields are **NOT** programming interface information:

- EXTFRRAD
- EXTSAVE
- IOPFREEI
- IOPISRCN
- EXTISRAD
- EXTSPB

End of Programming Interface information

Heading Information • IATYIOP Map

IATYIOP Heading Information

Common Name: JES3 SPOOL I/O PARAMETER BLOCK
Macro ID: IATYIOP
DSECT Name: IOPSTART, ESTSTART, RPSSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IOP
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: SUBPOOL 245
Size: 1st Section: 339 bytes,
 2nd Section: 177 bytes,
 3rd Section: 7 bytes
Created by: IATINS D
Pointed to by: TVTIOPRM IN IATYTVT
 SVTIOPRM IN IATYSVT
Serialization: CS
Function: Contains pointers to I/O control block pools (ISRS and SRBS), a skeleton ISR, a device table entry for each type of spool device defined to the system, and an extent table entry for each spool extent defined to the system.

NOTE: In Assembly source of any module invoking this macro, the macro IATYISR must be invoked prior to this one.

IATYIOP Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SRBSECT	
0	(0)	ADDRESS	4	SRB (0)	
0	(0)	CHARACTER	4	SRBID	EBCDIC ACRONYM FOR SRB OR SSRB.
4	(4)	ADDRESS	4	SRBFLNK	FORWARD CHAIN FIELD
8	(8)	ADDRESS	4	SRBASC (0)	PTR TO ASCB OF ADDRESS SPACE SRB IS TO BE DISPATCHED TO
8	(8)	BITSTRING	1		RESERVED. DO NOT USE.
9	(9)	ADDRESS	3	SRBASC24	24-bit ASCB address
12	(C)	CHARACTER	8	SRBFLC (0)	SRB AREA MOVED TO LOW CORE
12	(C)	BITSTRING	2	SRBCPAFF	CPU AFFINITY MASK
14	(E)	SIGNED	2	SRBPASID	PURGEDQ ASID IDENTIFIER
16	(10)	ADDRESS	4	SRBPTCB	PURGEDQ TCB IDENTIFIER
20	(14)	ADDRESS	4	SRBEP (0)	ENTRY POINT OF ROUTINE
20	(14)	ADDRESS	4	SRBEP A	ADDRESS OF ENTRY POINT (31-BIT USERS)
		1...		SRBMODE	"X'80" ADDRESSING MODE INDICATOR
24	(18)	ADDRESS	4	SRBRMTR (0)	ADDRESS OF RESOURCE MANAGER ROUTINE
24	(18)	ADDRESS	4	SRBRMTR A (0)	ADDRESS OF RESOURCE MANAGER ROUTINE (31-BIT USERS)
24	(18)	BITSTRING	1	SRBRMTR0	Byte 0 of SRBRMTR
		1...		SRBRMTR MODE	"X'80" ADDRESSING MODE INDICATOR
25	(19)	BITSTRING	1	(2)	
27	(1B)	BITSTRING	1	SRBRMTR3	Byte 3 of SRBRMTR
		.... ...1		SRBRMTR LLL	"X'01" When on, the local lock will be held when control is given to the RMTR. The RMTR is allowed to release the local lock before returning, but is not required to do so.
28	(1C)	ADDRESS	4	SRBPARM	USER PARAMETER
32	(20)	ADDRESS	4	SRBWEB (0)	Address of this SRB's WEB. SERIALIZATION: None
32	(20)	ADDRESS	4	SRBSAVE	OWNERSHIP: Supervisor Control Reserved. Must be Zero. SERIALIZATION: None
36	(24)	BITSTRING	1	SRBPKF	OWNERSHIP: Supervisor Control PROTECT KEY INDICATION
37	(25)	BITSTRING	1	SRBPRIOR (0)	PRIORITY LEVEL INDIC
37	(25)	BITSTRING	1	SRBFLGS	SRB OPTION FLAGS
		1...		SRBLLREQ	"X'80" LOCAL LOCK REQUIRED
		.1...		SRBLLHLD	"X'40" LOCAL LOCK HELD

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
		..1.		SRBFRREQ	"X'20" FRR REQUESTED
		...1		SRBFRRCL	"X'10" THIS BIT IS OBSOLETE SINCE FRR PARM AREA ALWAYS CLEARED BY DISPATCHER. RETAINED FOR COMPATIBILITY.
		.... 1...		SRBSUSP	"X'08" SUSPENDED SRB ONLY ON FOR SSRB
		.... .1..		SRBPNONQ	"X'04" NON QUIESCABLE SRB
		.... ....		SRBPSYS	"X'00" SYSTEM PRIORITY LEVEL
38	(26)	BITSTRING	1	SRBHLHI	INDICATION OF SUSPEND LOCKS HELD AT SRB SUSPENSION
39	(27)	BITSTRING	1	SRBFLGS1	SRB TYPE FLAGS.
		1...		SRBMAIN	"X'80" SRB/SSRB MUST BE FREEMAINED.
		.1..		SRBSP245	"X'40" SRB/SSRB FROM SUBPOOL 245.
		..1.		SRBBLK24	"X'20" SRB BELOW THE LINE
		...1		SRBXESF	"X'10" Mode=primary FRR - only meaningful if SRBFRREQ is set.
		.... 1...		SRB1STS	"X'08" This SSRB represents the initial schedule of a workunit and has never been dispatched.
		.... .1..		SRBPMCS	"X'04" This SRB is in process-must complete mode
		.... ..1.		SRBMSCHD	"X'02" This SRB was schdled via the IEAMSCHD macro
		.... ...1		SRBTOKNP	"X'01" This SSRB belongs to the pool created for SUSPEND with SPTOKEN.
40	(28)	ADDRESS	4	SRBFRR (0)	FRR ROUTINE ADDRESS
40	(28)	CHARACTER	3		High three bytes of addr
43	(2B)	CHARACTER	1	SRBFRR3	Low order byte of address
		.... ...1		SRBSD31	"X'01" Set this flag to indicate that the FRR can tolerate an SDWA in 31-bit storage. This is equivalent to the SETFRR SDWALOC31=YES parameter
44	(2C)	SIGNED	4	SRBEND (0)	END OF SRB
44	(2C)	X'2C'	0	SRBSIZE	"SRBEND-SRBSECT" SIZE OF SRB

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	ISRPRFIX	ISR Pool Prefix
0	(0)	CHARACTER	8	ISRPID	Prefix id
8	(8)	ADDRESS	4	ISRPCHN	Pool chain
12	(C)	SIGNED	4	ISRPLEN	Pool size
16	(10)	ADDRESS	4	ISRPLOAD	Lowest ISR address
20	(14)	ADDRESS	4	ISRPHIAD	Highest ISR address
24	(18)	SIGNED	4	ISRPRSVD (2)	Round up to x'20' size
24	(18)	X'20'	0	ISRPSIZE	"*-ISRPID" ISR Prefix size

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IOSB	
0	(0)	SIGNED	4	(0)	
0	(0)	CHARACTER	108	IOSBSTD (0)	Length of the IOSB without the extension

Comment

-----IOSFLA bit definitions-----

End of Comment

0	(0)	BITSTRING	1	IOSFLA	Flag byte A
---	-----	-----------	---	--------	-------------

Comment

EQU X'00' ..No CCW chaining

End of Comment

		1...		IOSDCHN	"X'80" ..Data chaining
		.1..		IOSCCHN	"X'40" ..Command chaining
		11..		IOSACHN	"X'C0" ..Command and data chaining

IATYIOP Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		..1.		IOSERR	"X'20" ..Error Recovery Routine (ERP) in control. Bit must be set to 0 by the driver. If the ERP returns with this bit set to 1, a retry is requested. If the ERP returns with this bit set to 0, the error is either corrected or to be considered permanent depending on the setting of the IOSEX bit.
		...1		IOSSMDA	"X'10" ..ERP status modifier bit A. Must be set to zero by driver. TAPE- Reposition device. U/R- Immediate operation, CCW OP code in IOSMDB.
		.... 1...		IOSSMDB	"X'08" ..ERP status modifier bit B. Must be set to zero by driver. Set by PCI fetch in appendage for posting: TAPE- CRC needed. DASD- PCI fetch stop flag.
		.... .1..		IOSEX	"X'04" ..Exceptional condition. Upon return from normal or abnormal exit with this bit on, ERP processing is initiated if initial error condition. If bit is set to 0, it is assumed that the exit corrected the condition or did not consider it an error. When the error routine returns with this bit set to a 1 and the IOSERR set to a 0, the error is considered permanent. When the ERP returns with both bits set to 0, the error has been corrected.
		.... ..1.		IOSDOM	"X'02" ..DOM macro required
		.... ...1		IOSIOSB	"X'01" ..IOSB created by IOS. Must be set to zero by driver.

Comment

IOSFLB bit definitions - For Start Subchannel requests.

See redefinition area for modify subchannel requests.

End of Comment

1	(1)	BITSTRING	1	IOSFLB	Flag byte B-----
		1...		IOSDIESE	"X'80" ..Second entry to DIE
		.1..		IOSSDR	"X'40" ..ERP doesnt want OBR
		..1.		IOSNOTRS	"X'20" ..Driver does not require an address space switch on entry to DIE.
		...1		IOSRESRC	"X'10" ..IOS resources are held. Must be initialized to zero by driver. With bit set, the DIE cannot return on codes 12 and 16.
		.... 1...		IOSIONRD	"X'08" ..Set by a driver to request that the I/O request be issued to a not-ready device.
		.... .1..		IOSMSG	"X'04" ..Message indicator to WTO service 0 = Intervention required msg 1 = I/O error message
		.... ..1.		IOSBDCST	"X'02" ..Broadcast bit
		.... ...1		IOSLOG	"X'01" ..Create an OBR record.
2	(2)	BITSTRING	1	IOSFLC	Flag byte C -----
		1...		IOSGDPLP	"X'80" ..With IOSGDP bit set, limit IOSGPMSK field to logically available paths (UCBLPM field).
		.1..		IOSEIDAW	"X'40" ..Extended 4K 8-byte IDAWs
		.1..		IOSVERIF	"X'40" ..Unsolicited device end verification needed for non-DASD devices
		..1.		IOSCC3WE	"X'20" ..Set by a driver to request deferred condition code 3 posting (post code of X'6D')
		...1		IOSEXP	"X'10" ..Specific exposure requested. The IOSUCB field contains the specific exposure UCB address and IOSXBASE must contain the UCB prefix of the base exposure.
		.... 1...		IOSNORWS	"X'08" ..No Read/Write Synchronization: Set on by I/O driver to indicate that the channel should not synchronize on read/write transitions when prefetching (IOSP) is also set. The driver insures that the read and writes are from different I/O buffers

Offsets		Type/Value.... .1..	Len	Name (Dim) IOS2CSWS	Description
Dec	Hex				
		.... .1.		IOSNORTY	"X'02" ..No retry allowed.
		.... .1.		IOSCTCNR	"X'02" ..CTC - No retry allowed
		.... ...1		IOSGDP	"X'01" ..A guaranteed device path has been requested. IOSGPMSK contains the path(s) involved.
Comment					
<p>IOSPROC - This byte indicates what type of special processing that is to be performed for IOS generated IOSBs. This processing normally runs asynchronous to IOS mainline processing. This field must be set to zero by drivers.</p>					
End of Comment					
3	(3)	BITSTRING	1	IOSPROC	IOS special processing procedures
Comment					
EQU X'00' ..Reserved					
End of Comment					
		.... .1..		IOSAPCI	"X'04" ..Intermediate status
		.... 1...		IOSATTN	"X'08" ..Attention
		.... 11..		IOSAPURG	"X'0C" ..Purge
Comment					
EQU X'10' ..Reserved					
End of Comment					
		...1 .1..		IOSAWTO	"X'14" ..WTO
		...1 1...		IOSADDR	"X'18" ..DDR
		...1 11..		IOSADIER	"X'1C" ..DIE Redrive- different UCB
		..1.		IOSAUR	"X'20" ..Unconditional Reserve
		1111 1...		IOSAINTER	"X'F8" ..Interrogate
		1111 1..1		IOSAST1	"X'F9" ..IOS subchannel type 1 request
		1111 1..1		IOSASNRQ	"X'FA" ..IOS sense request
		1111 11..		IOSACLRL	"X'FC" ..CLEAR Subchannel request
		1111 11.1		IOSAHALT	"X'FD" ..HALT Subchannel request
		1111 111.		IOSAMOD	"X'FE" ..MODIFY Subchannel request
		1111 1111		IOSASTOR	"X'FF" ..STORE Subchannel request
Comment					
<p>IOSDVRID - This byte identifies the I/O driver requesting the I/O request. Driver identification values are assigned by IOS.</p>					
End of Comment					
4	(4)	BITSTRING	1	IOSDVRID	Driver identification value
		.... ....		IOSIOSID	"X'00" ..Reserved for IOS
		.... ...1		IOSMISID	"X'01" ..Miscellaneous ID for I/O requests for 24 bit IOS blocks that cannot be purged, associated with a task, or violate extents
		.... .1.		IOSXCPID	"X'02" ..EXCP Processor
		.... ..11		IOSVSAID	"X'03" ..VSAM
		.... .1..		IOSATMID	"X'04" ..VTAM

IATYIOP Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... .1.1		IOSTCMID	"X'05" ..TCAM
		.... .11.		IOSOLTID	"X'06" ..OLTEP
		.... .111		IOSFCHID	"X'07" ..PCI FETCH
		.... 1...		IOSJESID	"X'08" ..JES3
		.... 1..1		IOSSS1ID	"X'09" ..MSC
		.... 1.1.		IOSPRGID	"X'0A" ..IECVIOPM PURGE
		.... 1.11		IOSVPSID	"X'0B" ..VPSS
Comment					
EQU X'0C' ..CRYPTO					
End of Comment					
		.... 111.		IOSASPID	"X'0E" ..ASM
		.... 1111		IOSMDSID	"X'0F" ..Message Display Service
		...1		IOSAUSID	"X'10" ..Assign/Unassign Service
		...1 ...1		IOSDYPID	"X'11" ..Dynamic Pathing
		...1 ..1.		IOSDAVV	"X'12" ..DAVV
		...1 ..11		IOSDCSID	"X'13" ..Device control service
		...1 ..1..		IOSAOMID	"X'14" ..Asynchronous Operation Manager
		...1 ..1.1		IOSSMSID	"X'15" ..DFSMS
		...1 ..11.		IOSXCFID	"X'16" ..XCF CTC I/O Driver
		...1 ..111		IOSCDRID	"X'17" ..IOS use driver ID
		...1 1..		IOSSLFID	"X'18" ..IOSVSLFD driver ID
		...1 1..1		IOSPAVID	"X'19" ..IOSVIOPA driver ID
		...1 11.1		IOSMI2ID	"X'1D" ..Miscellaneous ID for I/O requests for 31 bit IOS blocks that cannot be purged, associated with a task, or violate extents
		...1 111.		IOSINTID	"X'1E" ..Generic IOS I/O driver ID
		...1 1111		IOSDACID	"X'1F" ..Discovery and AutoConfiguration
		1...		IOSV33ID	"X'80" ..SVC33
		1... ...1		IOSCLRID	"X'81" ..Clear Device Recovery
		1... ..1.		IOSSCRID	"X'82" ..Subchannel Recovery
		1... ..11		IOSV16ID	"X'83" ..SVC16 PURGE
		1... ..1..		IOSAPRID	"X'84" ..Unconditional Reserve
		1... ..1.1		IOSMIHID	"X'85" ..Missing Interrupt Handler
		1... ..11.		IOSPRVID	"X'86" ..I/O Prevention Handler
		1... ..111		IOSRSVID	"X'87" ..Re-reserve service
Comment					

End of Comment					
5	(5)	BITSTRING	1	IOSFLD	Flag byte D
		1...		IOSNOINT	"X'80" ..Set by a driver to request that the I/O request be issued to a device with an intercept condition. The intercept condition is to be saved for the next I/O request.
		.1..		IOSMNORQ	"X'40" ..IOS is not to requeue this IOSB if Start Pending condition is detected (MIH, etc).
		..1.		IOSEPCIF	"X'20" ..Early PCI exit call Flag. Set by the I/O driver to get called from the SLIH, instead of from post status for good intermediate status.
		...1		IOSCCWDS	"X'10" ..Channel program resides in a data space. Set by the I/O driver
		.... 1...		IOSEPCIS	"X'08" ..Early PCI exit Space switch flag. Set by the I/O driver to indicate that IOSVSLIH should CMSET to the driver's address space prior to invoking the PCI exit.
		.... .1..		IOSLIOPF	"X'04" ..Long I/O Post flag set by the I/O driver to indicate that the driver should be posted back if the I/O request will take a long time to complete due to an MIH condition, manual intervention, etc..

Offsets		Type/Value.... ..1.	Len	Name (Dim) IOSNOLL	Description
Dec	Hex				
		.... ..1		IOSEXTF	"X'02" Set by the driver to indicate that post status must not get the local lock in order to use the local lock save area, as deadlock could occur. IOSPSLL must also be set on by the driver. "X'01" ..IOSE extension valid

Comment					

End of Comment					
6	(6)	SIGNED	2	IOSASID	Address space identification of address space to be scheduled at termination of I/O request.

Comment					

End of Comment					
8	(8)	ADDRESS	4	IOSPGAD	I/O driver termination address. High order bit defines the addressing mode. For attention processing, the attention address.

Comment					

End of Comment					
12	(C)	BITSTRING	1	IOSPKY	Protect key of IOSPGAD

Comment					

EQU X'F0' Protect key field					

End of Comment					
		.... 1..		IOSLCL	"X'08" ASID schedule at local level
		.... .1..		IOSIDR	"X'04" Asynchronous ERP scheduling should be used for this I/O request (Indirect recording for paging I/O requests).
		.... ..1.		IOSPGDPX	"X'02" This request has a backed up copy (duplexed page).
		.... ...1		IOSCHCMP	"X'01" Driver has a complete channel program, IOS must not build a standard prefix.

Comment					

End of Comment					
13	(D)	BITSTRING	1	IOSCOD	I/O completion code field

IATYIOP Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
Completion codes 41 - 5F are reserved for permanent error conditions. These codes will always be the last entry codes to the abnormal end exits.					

Completion codes 60 - 73 are reserved for IOS definition use. These codes indicate conditions that IOS has detected in processing the I/O request.					

Completion codes 74 - 7E denote abnormal conditions for which correction may be possible. These codes denote first entry to abnormal end exits.					

Completion codes 7F denotes normal I/O completion. It does not indicate that the I/O request completed successfully.					

Completion code 49 applies only to Store and Modify Subchannel requests.					
End of Comment					
		.1.. ...1		IOSERRC	"X'41" Permanent I/O error
		.1.. ..1.		IOSEXTC	"X'42" DASD extent error
		.1.. ..11		IOSDPXC	"X'43" Duplexed I/O request was not started because of the UCB level or a not ready device.
		.1.. .1..		IOSINTC	"X'44" Request was intercepted because an error occurred after the last time the device was used and the requestors error recovery procedures wants this intercept condition treated as a permanent error.
		.1.. .1.1		IOSABNC	"X'45" I/O request abnormally terminated because of program check, machine check, etc in IOS or an exit.
		.1.. .11.		IOSCD46	"X'46" Reserved
		.1.. .111		IOSEXTRM	"X'47" I/O request not started - driver Start Subchannel exit (See IOSXSSXA field) requested termination prior to the SSCH being issued.
		.1.. 1...		IOSPRGC	"X'48" I/O request purged.
		.1.. 1..1		IOSCNCLD	"X'49" Store or Modify Subchannel request has been cancelled.
		.1.. 1.1.		IOSPVTIO	"X'4A" I/O Prevention - either the I/O request has not been started or the I/O request has been terminated.
		.1.. 1.11		IOSTAPEC	"X'4B" Error in tape repositioning
		.1.. 11..		IOSIVEXP	"X'4C" Invalid exposure number
		.1.. 11.1		IOSGDPCC	"X'4D" CC=3 - GDP or NIP in control, or with IOSGDPLP set, no logically available paths (UCBLPM).
		.1.. 111.		IOSGDPRD	"X'4E" GDP - Reserved device or in conjunction with IOSRELSE, device cannot be released.
		.1.1		IOSCD50	"X'50" Reserved
		.1.1 ...1		IOSMIHCA	"X'51" The I/O request has been declared in permanent error.
		.1.1 ..1.		IOSMIHSP	"X'52" The I/O request was found pending in the subchannel by IOS, and the driver requested that the IOSB not be requeued(MIH,etc)
		.1.1 ..11		IOSIOTCR	"X'53" IOS cancelled the I/O request due to an I/O timeout condition
		.1.1 .1..		IOSCAPAS	"X'54" The I/O request could not be started. The current address space did not match IOSASID and a Captured UCB address was used in IOSUCB.
		.11. 11.1		IOSGDPWE	"X'6D" CC=3 on all paths with IOSCC3WE bit set- return request to requestor.
		.111 ...1		IOSFTCHC	"X'71" For Fetch driver- hardware corrected data check.
		.111 .1..		IOSMIHC	"X'74" Simulated error status.
		.111 11.1		IOSXERPL	"X'7D" I/O exit requested the ERP to log this request
		.111 111.		IOSFINTC	"X'7E" Intercept condition before entrance to error routine.

Offsets		Type/Value .111 1111	Len	Name (Dim) IOSNRMC	Description
Dec	Hex				
Comment					
IOSOPT and IOSOPT2 bit definitions - For Start Subchannel requests. See redefinition area for modify and store subchannel requests.					
End of Comment					
14	(E)	BITSTRING	1	IOSOPT	Options byte
15	(F)	BITSTRING	1	IOSOPT2	Second option byte
Comment					
-----IOSOPT--bit-definitions-----					
End of Comment					
		1... ..		IOSBYP	"X'80" Bypass IOS channel program prefixing
		.1.		IOSDEP	"X'40" Device end posting requested
		..1.		IOSQISCE	"X'20" This request initiated by a function which has set the quiesce level in the UCB. (This bit should only be set when using the STARTIO macro compatibility interface. All others should place the Quiesce level in the IOSLEVEL field.)
		...1		IOSPSLL	"X'10" If 0, Local lock needed for IOS Post status processing. If 1, Local lock not needed.
		.... 1...		IOSNERP	"X'08" If flag UCBLERP is off, ERPs are not to be used. If UCBLERP is on, ERPs will unconditionally get control. ERPs will only be allowed to perform recovery of non-error unit checks and any additional function as defined by intermediate ERP mask flags. When this flag is on, ERPs may not perform any recovery for error cases except as defined by the ERP mask flags.
		.... .1..		IOSTSLL	"X'04" If 0, Local lock needed by the termination routine. (IOSPSLL bit must be off) If 1, Local lock not needed by the termination routine
		.... ..1.		IOSAPR	"X'02" Alternate path retry active. Must be set to zero by driver.
		.... ...1		IOSRELEASE	"X'01" Request for stand-alone RELEASE CCW to be issued.
Comment					

IOSOPT2 - This byte reflects the I/O driver conditions for initiating an I/O request to the subchannel. See architecture for the meaning of these conditions. This byte also reflects the interrupt status from the IRB.					

End of Comment					
		1... ..		IOSF	"X'80" If 0, Format 0 CCW channel program. If 1, Format 1 CCW channel program.
		.1..		IOSP	"X'40" If 0, the driver does not want 'Unlimited CCW Prefetch'. If 1, the driver wants 'Unlimited CCW Prefetch' active with the channel program.
		..1.		IOSI	"X'20" If 0, The driver does not want 'Initial Status Interruption' generated. If 1, The driver wants 'Initial Status Interruption' generated.
		...1		IOSA	"X'10" If 1, Address limit check required.
		.... 1...		IOSSI	"X'08" If 1, Suppress Suspend Interrupt.
		.... .1..		IOSZ	"X'04" If 1, Zero condition code to Initial selection.
		.... ..1.		IOSE	"X'02" Extended control information stored with interrupt. (This bit is provided for information only, the stored data cannot be found from the IOSB.)
		.... ...1		IOSN	"X'01" If 1, path not operational.

IATYIOP Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
16	(10)	ADDRESS	4	IOSUCB	Unit Control Block (UCB) address, address to common segment.
Comment					
IOSFCSW field - Subchannel Status Word field.					

Format 0 CCW requests - Start Subchannel deferred condition code is stored in IOSCC field and the 3 byte command address in IOSCSWCA (compatible with System/370).					
End of Comment					
20	(14)	BITSTRING	8	IOSFCSW (0)	Eight byte Subchannel CSW
20	(14)	ADDRESS	4	IOSCCWAD	Format 1 CCW address
20	(14)	ADDRESS	4	IOSTCWAD	Ending TCW address for FCX
20	(14)	BITSTRING	1	IOSCC	Start Subchannel deferred CC
		..11		IOSCC3	"X'30" Deferred condition code 3
		...1		IOSCC1	"X'10" Deferred condition code 1
		.... ....		IOSCC0	"X'00" Deferred condition code 0
21	(15)	BITSTRING	7	IOSCSW	Low order 7 bytes of CSW
21	(15)	ADDRESS	3	IOSCSWCA	Format 0 CCW address
24	(18)	BITSTRING	2	IOSTATUS	CSW status bytes
24	(18)	BITSTRING	1	IOSTSA	Device status byte of SCSW
24	(18)	BITSTRING	1	IOSDSTAT	Device status
		1...		IOSDSATN	"X'80" ..Attention
		.1..		IOSDSSM	"X'40" ..Status Modifier
		..1.		IOSDSCUE	"X'20" ..Control Unit End
		...1		IOSDSBSY	"X'10" ..Busy
		.... 1...		IOSDSCE	"X'08" ..Channel End
		.... .1..		IOSDSDE	"X'04" ..Device End
		.... ..1.		IOSDSUC	"X'02" ..Unit Check
		.... ...1		IOSDSUEX	"X'01" ..Unit Exception
25	(19)	BITSTRING	1	IOSTSB	Subchannel status byte
25	(19)	BITSTRING	1	IOSSSTAT	Subchannel status
		1...		IOSSSPCI	"X'80" ..Program-controlled interrupt
		.1..		IOSSSIL	"X'40" ..Incorrect Length
		..1.		IOSSSPGC	"X'20" ..Program Check
		...1		IOSSSPTC	"X'10" ..Protection Check
		.... 1...		IOSSSCDC	"X'08" ..Channel Data Check
		.... .1..		IOSSSCCC	"X'04" ..Channel Control Check
		.... ..1.		IOSSSICC	"X'02" ..Interface Control Check
		.... ...1		IOSSSCC	"X'01" ..Chaining Check
		.... ...1		IOSSSCRF	"X'01" ..Channel subsystem retry failed
26	(1A)	BITSTRING	2	IOSCSWRC	Residual Count
26	(1A)	BITSTRING	1	IOSFCXST	FCX status
27	(1B)	BITSTRING	1	IOSSESTAT	Subchannel extended status
		1...		IOSINTGFAILED	
					"X'80" Interrogate failed
		.111 1111		IOSSSEQ	"X'7F" Subchannel extended status qualifier - see macro IHASESQ
20	(14)	BITSTRING	4	IOSSID	UCB Subsystem-identification word
24	(18)	BITSTRING	4		Reserved
Comment					

End of Comment					
28	(1C)	ADDRESS	4	IOSSRB	Back pointer to I/O requestors SRB
32	(20)	ADDRESS	4	IOSUSE	IOSB owner use field.
36	(24)	ADDRESS	4	IOSIOPID	The I/O prevention identifier (IOPID) that covers this I/O request.

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

End of Comment					
40	(28)	BITSTRING	2	IOSAPMSK (0)	Compatibility label
40	(28)	BITSTRING	2	IOSSCHC (0)	Subchannel Control field which is presented in the subchannel status word(SCSW) of IRB.
40	(28)	BITSTRING	1	IOSSCHC0	Subchannel Control - Byte 0
Comment					
EQU X'80' Reserved for architecture					
End of Comment					
		.111		IOSFC	"X'70" Function Control field
		.1..		IOSFSSCH	"X'40" - Start Subchannel
		..1.		IOSFHSCH	"X'20" - Halt Subchannel
		...1		IOSFCSCH	"X'10" - Clear Subchannel
		.... 1111		IOSAC	"X'0F" Activity Control
		.... 1...		IOSARSCH	"X'08" - Resume Pending
		.... .1..		IOSASSCH	"X'04" - Start Pending
		.... ..1.		IOSAHSCH	"X'02" - Halt Pending
		.... ...1		IOSACSCH	"X'01" - Clear Pending
41	(29)	BITSTRING	1	IOSSCHC1	Subchannel Control - byte 1
		111.		IOSAC2	"X'E0" Activity Control
		1...		IOSASUBA	"X'80" - Subchannel active
		.1..		IOSADEVA	"X'40" - Device active
		..1.		IOSSPND	"X'20" - Subchannel Suspended
		...1 1111		IOSSC	"X'1F" Status Control
		...1		IOSSALRT	"X'10" - Alert Status
		.... 1...		IOSSINTR	"X'08" - Intermediate status
		.... .1..		IOSSPRIM	"X'04" - Primary Status
		.... ..1.		IOSSSEC	"X'02" - Secondary Status
		.... ...1		IOSSPNDG	"X'01" - Status Pending. If 0, Simulated status.
42	(2A)	SIGNED	2	IOSSNS	Sense data - 1st 2 bytes
42	(2A)	BITSTRING	0	IOSSNSBD	"X'10FE" Value supplied to indicate unsuccessful sense
Comment					
End of common IOSB section - start of processing dependent sections					

NML - Normal I/O request processing					
WTO - attention processing					
PCI - Intermediate status processing					
End of Comment					
42	(2A)	X'2C'	0	IOSSECT	***
44	(2C)	ADDRESS	4	IOSIPIB (0)	NML- IPIB address (IOS/Purge) Initially set to zero by driver and not to be reset by exits. PCI- Intermediate status SRB/IOSB chain pointer.
44	(2C)	BITSTRING	1		
45	(2D)	BITSTRING	3	IOSIPIBP	3-byte IPIB address. Used by I/O drivers who wish to reference the IPIB
48	(30)	ADDRESS	4	IOSPCHN	PCI- Ptr to ending status IOSB for Intermediate status SRB/IOSBS. NML- Ptr to 1st intermediate status SRB/IOSB for ending status IOSB.
48	(30)	ADDRESS	4	IOSSCHIB	For Modify and Store Subchannel requests, IOSPCHN contains the address of the SCHIB data associated with the request (Address provided by the caller).
52	(34)	ADDRESS	4	IOSERP	ERP - Error work area address (EWA). Must initially be set to zero by the driver.

IATYIOP Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
Caller Exit addresses - High order bit defines addressing mode.					

End of Comment					
56	(38)	ADDRESS	4	IOSPCI	Intermediate status exit address or zero
60	(3C)	ADDRESS	4	IOSNRM	Normal end exit address (required)
64	(40)	ADDRESS	4	IOSABN	Anormal end exit address(required)
68	(44)	ADDRESS	4	IOSDIE	Disabled Interrupt Exit address or zero
Comment					
Real Channel program - virtual and real addresses of the first CCW or the FCX TCW					

End of Comment					
72	(48)	ADDRESS	4	IOSRST	Real address
76	(4C)	ADDRESS	4	IOSVST	Virtual address
Comment					

End of Comment					
80	(50)	ADDRESS	4	IOSDSID	Data set identifier(DSID)- purge
84	(54)	BITSTRING	1	IOSLEVEL	IOS serialization level
85	(55)	BITSTRING	1	IOSGPMASK	GDP- Guaranteed Device path mask with IOSGDP bit set. APR- Alternate path retry path mask with IOSAPR bit set.
86	(56)	BITSTRING	2	IOSDCTI	DCTI field from IRB- the I/O request device connect time.
88	(58)	BITSTRING	1	IOSFMSK	Mode set/File mask field.
89	(59)	BITSTRING	1	IOSCKEY	On STARTIO- Channel program protect key. On interrupt- 1st byte of the IRB.
		1111		IOSIRBKY	"X'F0" . Protect key - bits 0-3
		.... 1...		IOSS	"X'08" . Request has Suspend capability
		.... .1..		IOSIRBL	"X'04" . ESW contains logout data
		.... ..11		IOSIRBCC	"X'03" . SSCH Deferred condition code-----
		.... ..11		IOSIRBC3	"X'03" -Deferred condition code 3
		.... ...1		IOSIRBC1	"X'01" -Deferred condition code 1
		.... ....		IOSIRBC0	"X'00" -Deferred condition code 0
Comment					

End of Comment					
90	(5A)	BITSTRING	1	IOSMDB	ERP immediate CCW op code
91	(5B)	BITSTRING	1	IOSMDM	ERP modifier mask
Comment					

End of Comment					
92	(5C)	CHARACTER	8	IOSEEK	Static seek address NOTE: CTC section starts at IOSEEK + 4.
Comment					

End of Comment					

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
100	(64)	CHARACTER	8	IOSEEKA	Dynamic seek address
100	(64)	BITSTRING	1	IOSSKM	M
101	(65)	BITSTRING	2	IOSSKBB	BB
103	(67)	BITSTRING	4	IOSCCHH (0)	CCHH
103	(67)	BITSTRING	2	IOSSKCC	CC
105	(69)	BITSTRING	2	IOSSKHH (0)	HH
105	(69)	BITSTRING	1	IOSSKH1	H
106	(6A)	BITSTRING	1	IOSSKH2	H
107	(6B)	BITSTRING	1	IOSSKR	R
107	(6B)	X'6C'	0	IOSEND	*** End of IO SB w/o extension

Comment

Channel to Channel (CTC) section

End of Comment

96	(60)	DBL WORD	8	IOSCTCDW	Sense command byte CCW slot
101	(65)	BITSTRING	1	IOSCTCMD	CTC command byte from sense if format 0 CCW (IOSF=OFF)
104	(68)	BITSTRING	1	IOSCTCOP	CTC command byte from sense if format 1 CCW (IOSF=ON)

Comment

Attention section - IOS generated IO SB when IOSPROC = X'08'

End of Comment

44	(2C)	BITSTRING	40	IOSATTSN	Additional sense (after IOSNS)
44	(2C)	BITSTRING	30	IOSATSNS	Additional sense data
74	(4A)	BITSTRING	1	IOSATPMK	Attention path mask - path mask of path on which attention interrupt was received
75	(4B)	BITSTRING	1	IOSAFLGS	Attention Flags
		1...		IOSAINTR	"X'80" Indicates that attention routine is requesting intercept processing
		.1..		IOSAINTE	"X'40" Indicates an intercept has been generated for this attention interrupt

Comment

EQU X'20' Unused
 EQU X'10' Unused
 EQU X'08' Unused
 EQU X'04' Unused
 EQU X'02' Unused
 EQU X'01' Unused

End of Comment

76	(4C)	SIGNED	1	IOSAATI	Index to the attention table
77	(4D)	BITSTRING	7		Reserved
84	(54)	BITSTRING	24	IOSATTWA (0)	Attention routine work area
84	(54)	BITSTRING	20	IOSXMSAV	CMSET savearea in IECTCATN
104	(68)	BITSTRING	4		Reserved

Comment

Intermediate status section- IOS generated IO SB when IOSPROC= X'04'

End of Comment

44	(2C)	ADDRESS	4		IOSIPIB field- must not be changed
48	(30)	ADDRESS	4		IOSPCHN field- must not be changed
52	(34)	BITSTRING	32	IOSPCIRS	Intermediate status reserved area
84	(54)	BITSTRING	1	IOSPCIWA	Intermediate status work area

IATYIOP Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
IOSB mapping fields for modify and store subchannel requests.					

Fields IOSFLB, IOSOPT and IOSOPT2 are mapped, as follows.					
IOSFLB field bit definitions -- Modify Subchannel requests only					

End of Comment					
		1... ..		IOSMLPMO	"X'80" If 1, old LPM is to be 'ORED' with new LPM. If 0, old LPM is to BE 'ANDED' with new LPM. This bit valid only if IOSMLPM is on.
		.1.. ..		IOSMPOMO	"X'40" If 1, Old PSW is to be 'ORED' with new POM. If 0, Old POM is to be 'ANDED' with new POM. This bit valid only if IOSMPOM is on.
		..1.		IOSMMMMO	"X'20" If 1, old measurement mode is to be 'ORED' with new new measurement mode. If 0, old measurement mode is to be 'ANDED' with new measurement mode. This bit valid only if IOSMMMM is on.
		...1		IOSASIS	"X'10" If 1, IOSMLPMO and IOSMPOMO are ignored, and the old LPM and/or POM are to be replaced by the new LPM/POM.
Comment					
IOSOPT and IOSOPT2 bit definitions					

For Modify and Store Subchannel requests.					
-----IOSOPT-----					
End of Comment					
		1... ..		IOSSYN	"X'80" If 1, indicates STORE or MODIFY subchannel request is to be done synchronously. If 0, indicates caller can handle asynchronous issuing of STORE or MODIFY Subchannel.
		.1.. ..		IOSNOPTH	"X'40" If 1, indicates for path message request, a conditional no path condition.
Comment					
EQU X'3F' Reserved- initialized to zero					
-----IOSOPT2-----					
End of Comment					
		1... ..		IOSMISC	"X'80" If 1, interrupt subclass is to be modified by MSCH
		.1.. ..		IOSME	"X'40" If 1, enabled indicator is to be modified by MSCH (IOS use only)
		..1.		IOSMLM	"X'20" If 1, limit mode is to be modified by MSCH
		...1		IOSMMMM	"X'10" If 1, measurement mode is to be modified by MSCH
		.... 1...		IOSMLPM	"X'08" If 1, logical path mask is to be modified by MSCH
		.... .1..		IOSMMBI	"X'04" If 1, measurement block index is to be modified by MSCH
		.... ..1.		IOSMPOM	"X'02" If 1, path operational mask is to be modified by MSCH
		.... ...1		IOSMD	"X'01" If 1, dynamic pathing indicator is to be modified by MSCH
Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	IOSB	BASE IOSB

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
JES3DM SECTION, ADDR FIELDS OFF IOSB IN IECDIOSB					
End of Comment					
108	(6C)	CHARACTER	4	ISRID	- BLOCK IDENTIFICATION
112	(70)	CHARACTER	1	ISRFLAG1	- FLAG BYTE
Comment					
----- DEFINITION OF ISRFLAG1 -----					
End of Comment					
		1... ..		ISRPERR	"X'80" - CHAN PROG ENDED WITH ERROR
		.1.		ISRRETU	"X'40" ISR RETURNED BY IATDMER
		..1.		ISRDIIE	"X'20" - PROCESSED BY DIE ROUTINE.
		...1		ISRJPOST	"X'10" - JES ECB POST REQD
		.... 1..		ISRTERM	"X'08" - PROCESSED BY TERM ROUTINE.
		.... .1.		ISRUERR	"X'04" - COULD NOT IDENTIFY ERROR CP.
		.... ..1.		ISRSIO	"X'02" SIO DONE
		.... ...1		ISRDIOUT	"X'01" EXIT FROM DIE
113	(71)	BITSTRING	1	ISRSYMSK	- SIO SYSTEM MASK SAVE AREA.
114	(72)	BITSTRING	1	ISRFLAG2	FLAG BYTE 2
Comment					
----- DEFINITION OF ISRFLAG2 -----					
End of Comment					
		1... ..		ISRINCMP	"X'80" I/O INCOMPLETE
		.1.		ISRDIEOB	"X'40" ISR OBTAINED BY DIE
		..1.		ISRATPST	"X'20" AUX-TASK POST REQUIRED
		...1		ISRERR	"X'10" ERP HAS BEEN IN CONTROL
		.... 1..		ISRNRMSC	"X'08" 2ND ENTRY TO NORMAL EXIT
		.... .1.		ISRDMITA	"X'04" ENTRY TO DMITA (FOOTPRINT) 0443
		.... ..1.		ISRJESIO	"X'02" At least one JES3 JSAM request included
		.... ...1		ISRIOSTR	"X'01" IATDMDK: I/O being initiated IATDMIT: I/O to be started after a failure in IATDMDK
115	(73)	CHARACTER	1	ISRRSVDU	- RESERVED FOR USER
116	(74)	SIGNED	4	ISREXTEN	- ADDR OF EXTENT TABLE ENTRY
120	(78)	SIGNED	4	ISRCPEND	- ADDR+8 OF LAST CCW IN CHAIN
124	(7C)	SIGNED	4	ISRNXISR	- ISR LINK FIELD
128	(80)	SIGNED	4	ISRERDMC	- ADDR OF DMC HAVING AN I/O ERROR
132	(84)	SIGNED	4	ISRDMFRR	- ADDR OF JES3SDM FRR ROUTINE
136	(88)	SIGNED	4	ISRSV (9)	- SAVE AREA FOR START I/O SUBR
172	(AC)	SIGNED	4	ISRTVTAD	ADDRESS OF TVT FOR POST
176	(B0)	SIGNED	4	ISRNXDMC	DMCNXDMC SAVEAREA FOR DMITT
Comment					
SRB SECTION, ADDR FIELDS OFF SRBSECT IN IHASRB					
End of Comment					
180	(B4)	CHARACTER	44	ISRSRB	- SPACE IN DSECT FOR SRB
224	(E0)	DBL WORD	8	ISRFBEND (0)	- END OF IATYISR
224	(E0)	X'E0'	0	ISRFSIZE	"ISRFBEND-IOB" - SIZE OF IATYISR

IATYIOP Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IOPSTART	
0	(0)	BITSTRING	224	IOPINISR	USED TO INIT AN IATYISR
224	(E0)	CHARACTER	4	IOPID	DATA AREA IDENTIFIER
228	(E4)	BITSTRING	1	IOPFLAGS	IOP FLAGS

Comment

HOT START FLAGS FOR IATYIOP VALIDATION

End of Comment

1..	....	IOPHSTR	"X'80"	IOP VALID OVER HOTSTART
.1..	....	IOPHSNEW	"X'40"	NEW IOP BUILT OVER HOTSTART
..1.	....	IOPNISR	"X'20"	NEW ISR AREA REQUIRED
...1	....	IOPJSTRM	"X'10"	JES3 TERMINATING
....	1..	IOPDYCHG	"X'08"	Spool configuration was changed dynamically at least once - set as a footprint

Comment

End of Comment

229	(E5)	BITSTRING	3	IOPTSIZE	TOTAL SIZE OF IOP AREA
232	(E8)	ADDRESS	4	IOPJASCB	ADDR OF JES3 ASCB

Comment

IOPEXTAB:

This field points to a set of pointers, each pointing to an extent entry:

```

          EXTSTART
          +----->+-----+
          ||| JCT
+-----+ EXTINDEX |||
||IOPEXTAB|->+-----+ |||
+-----+ ||-+ +-----+
          +-----+
          ||->+-----+
          +-----+ || SPOOL 1
          ||-+ + ||
          +-----+ |||
          ||-+ | +-----+
          +-----+ ||
          :: | +->+-----+
          +-----+ ||| SPOOL 2 16893TBC
          |00000000| ||| 16893TBC
          +-----+ ||| 16893TBC
          | +-----+
          |
          +----->+-----+
          || SPOOL 3
          ||
          ||
          +-----+
          etc.

```

End of Comment

236	(EC)	ADDRESS	4	IOPEXTAB	Address of the Extent Vector
-----	------	---------	---	----------	------------------------------

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- 0					
The following pair of fields is normally serialized 0					
using a CDS instruction with one exception: 0					
When the IOPFREEI pointer is zero, the CMS lock 0					
must be obtained before updating it. 0					
----- 0					
End of Comment					
240	(F0)	DBL WORD	8	IOPFRISR (0)	DOUBLE WORD BOUNDARY
240	(F0)	ADDRESS	4	IOPCNTRL	QUEUE CONTROL WORD
244	(F4)	ADDRESS	4	IOPFREEI	ADDR OF 1ST FREE ISR
248	(F8)	DBL WORD	8	IOPWTISR (0)	DOUBLE WORD BOUNDARY
248	(F8)	ADDRESS	4	IOPISRQ	EXTENTS WAIT FOR ISR
252	(FC)	ADDRESS	4	IOPEXTCT	QUEUE CONTROL WORD
256	(100)	DBL WORD	8	IOPFREES (0)	DOUBLE WORD BOUNDARY
256	(100)	ADDRESS	4	IOPFRSRB	ADDR OF FIRST FREE SRB
260	(104)	ADDRESS	4	IOPSRBCT	QUEUE CONTROL WORD
264	(108)	DBL WORD	8	IOPSRBWT (0)	DOUBLE WORD BOUNDARY
264	(108)	ADDRESS	4	IOPSRBQ	DSS'S WAITING FOR SRB'S
268	(10C)	ADDRESS	4	IOPDSBCT	QUEUE CONTROL WORD
272	(110)	ADDRESS	4	IOPRSV03	Reserved for IBM
276	(114)	ADDRESS	4	IOPISRCN	Addr of first ISR pool
280	(118)	ADDRESS	4	IOPSRIA	Address of the Spool Reconfig. Inventory when one is in progress
284	(11C)	ADDRESS	4	IOPLOSRB	ADDR OF FIRST SRB
288	(120)	ADDRESS	4	IOPHISRB	ADDR OF LAST SRB
292	(124)	ADDRESS	4	IOPRPSTB	ADDR OF RPS SECTOR TABLE
296	(128)	SIGNED	4	IOPRPSZ	SIZE OF RPS SECTOR TABLE
300	(12C)	SIGNED	4	IOPRSV01	Reserved for IBM
304	(130)	SIGNED	2	IOEXTSZ	SIZE OF EACH EXTENT ENTRY
306	(132)	SIGNED	2	IOPNQUES	NUMBER OF SPOOL EXTENT ENTRIES
308	(134)	BITSTRING	1	IOPRSV02	Reserved for IBM
309	(135)	BITSTRING	1	IOPRSVS1	RESERVED FOR SERVICE
310	(136)	SIGNED	2	IOPNXTS	IOPNQUES - 1 (Excluding JCT extent)
312	(138)	SIGNED	4	IOPIRSRV	Chain of ISRs during JES3 or C/I 0011 FSS address space termination 0011
320	(140)	ADDRESS	8	IOPVLARR	Address of VALID array; the array is used for track group owner validation
328	(148)	SIGNED	4	IOPVLSIZ	Size of the VALID array
332	(14C)	SIGNED	4	IOPRSVS (2)	Reserved for Service 0011
340	(154)	SIGNED	4	IOPRSVD	Reserved for Development
344	(158)	SIGNED	4	IOPRSVU1 (2)	RESERVED FOR USER
352	(160)	DBL WORD	8	IOPFEND (0)	END OF FIXED PORTION OF IOP
352	(160)	X'160'	0	IOPFSIZE	"IOPFEND-IOPSTART" - SIZE OF FIXED PORTION OF IOP

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	EXTSTART	
0	(0)	DBL WORD	8	EXTQPRMS (0)	QUEUEING PARMS FOR EXTENT
0	(0)	ADDRESS	4	EXTWAITQ	IATYDAT Q WAITING TO DO I/O
4	(4)	ADDRESS	4	EXTBUSY	IATYDAT USING THIS EXTENT
		....		EXTSETLK	"X'80000000" Extent lock set value; set in 0011 the EXTBUSY field when the extent 0011 queues are being rearranged 0011
4	(4)	BITSTRING	0	EXTRSTLK	"X'7FFFFFFF" Extent lock reset mask 0011
8	(8)	ADDRESS	4	EXTNXEXT	NEXT EXTENT Q'ED FOR IATYISR
12	(C)	BITSTRING	4	EXTLOADR (0)	LOW TRACK ADDRESS IN EXTENT
12	(C)	BITSTRING	2	EXTLOCYL	Low cylinder address
14	(E)	BITSTRING	2	EXTLOHD	Low cyl (hi-order) + head
16	(10)	BITSTRING	4	EXTHIADR (0)	HIGH TRACK ADDRESS IN EXTENT

IATYIOP Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
16	(10)	BITSTRING	2	EXTHICYL	High cylinder address
18	(12)	BITSTRING	2	EXTHIHD	High cyl (hi-order) + head
20	(14)	BITSTRING	4	EXTCTADR (0)	CENTER TRACK ADDRESS IN EXTENT
20	(14)	BITSTRING	2	EXTCTCYL	Center cylinder address
22	(16)	BITSTRING	2	EXTCTHD	Center cyl (hi-order) + head
24	(18)	ADDRESS	4	EXTIOPAD	ADDR OF IATYIOP
28	(1C)	ADDRESS	4	EXTUCBAD	ADDR OF UCB FOR THIS EXTENT
32	(20)	ADDRESS	4	EXTDCBAD	ADDR OF DCB FOR THIS EXTENT
36	(24)	ADDRESS	4	EXTRPSAD	ADDR OF RPS TABLE ENTRY
40	(28)	SIGNED	4	EXTCYLCT	Count of cylinders on this volume
44	(2C)	ADDRESS	4	EXTISRAD	ISR ADDR FOR THIS START I/O
48	(30)	SIGNED	4	EXTIOCNT	I/O COUNT THIS EXTENT
52	(34)	SIGNED	4	EXTBUFSZ	BUFFER SIZE FOR EXTENT I/O
52	(34)	X'36'	0	EXTBUFRC	"EXTBUFSZ+2,2" HALFWORD CONTAINING BUFFER SIZE
56	(38)	SIGNED	4	EXTCHCT	COUNT OF DMCS CHAINED TOGETHER
60	(3C)	SIGNED	4	EXTSAVE (2)	SAVE AREA FOR IATDMIT/IATDMTK
68	(44)	CHARACTER	8	EXTDDNM	EXTENT DDNAME
76	(4C)	CHARACTER	8	EXTSPNM	PARTITION NAME
84	(54)	ADDRESS	4	EXTSPB	ADDR OF SPOOL PARTITION BLOCK
88	(58)	ADDRESS	4	EXTNPEX	ADDR OF NEXT EXTENT THIS SPART
92	(5C)	ADDRESS	4	EXTCHN	ADDR OF NEXT EXTENT ENTRY
96	(60)	SIGNED	4	EXTSIZE	NUMBER OF TRK GROUPS IN EXTENT
100	(64)	SIGNED	4	EXTNLEFT	NUMBER OF AVAILABLE TRK GROUPS
104	(68)	SIGNED	4	EXTCTLOG	"G" OF 1ST GROUP LEFT OF CENTER
108	(6C)	SIGNED	4	EXTCTHIG	"G" OF 1ST GROUP RIGHT OF CENTER
112	(70)	SIGNED	4	EXTLOWR	"R" OF 1ST RECORD IN EXTENT
116	(74)	SIGNED	4	EXTHIGHR	"R" OF LAST RECORD IN EXTENT
120	(78)	SIGNED	4	EXTPURGE	PURGE I/O check field - set by 05275SUA IATDMFR at the time of failure 05275SUA
124	(7C)	BITSTRING	1	EXTFLAGS	EXTENT FLAGS

Comment

 DEFINITION OF EXTFLAGS

End of Comment

1...	....	EXTLKBSY	"X'80" IATDMDSL TO USE EXTBUSY.
.1..	....	EXTSIO	"X'40" IATDMDKW TO FORCE SIO.
..1.	....	EXTBUFDA	"X'20" BUFFERED DASD
...1	....	EXTTGBEN	"X'10" AT LEAST ONE BDTRACK ENTRY THIS DS
....	1...	EXTFLR08	"X'08" Reserved for IBM
....	.1..	EXTFLR04	"X'04" Reserved for IBM
....	..1.	EXTFLR02	"X'02" Reserved for IBM
....	...1	EXTFLR01	"X'01" Reserved for IBM

Comment

End of Comment

125	(7D)	BITSTRING	1	EXTSTFLG	EXTENT STATUS FLAG
-----	------	-----------	---	----------	--------------------

Comment

 EXTSTFLG DEFINITION, FIELDS MUST MATCH VOLFLAG1 IN YVOL

End of Comment

1...	....	EXTUNV	"X'80" EXTENT NOT ALLOCATED
.1..	....	EXTDRAIN	"X'40" EXTENT MOVED TO DRAINING PARTITION
..1.	....	EXTHELD	"X'20" EXTENT HELD

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		...1		EXTSTTD	"X'10" EXTENT CONTAINS DYNAMIC STT
		.... 1...		EXTREP	"X'08" EXTENT REPLACED
		.... .1..		EXTDEL	"X'04" EXTENT DELETED (NO TRACK CARD)
		.... ..1.		EXTFRMT	"X'02" FORMAT REQUIRED
		.... ...1		EXTPENDL	"X'01" Extent is pending deletion during Hotstart/Refresh or *F CONFIG

Comment

End of Comment

126	(7E)	BITSTRING	2	EXTDEVTP	DEVICE TYPE
128	(80)	SIGNED	2	EXTRECTK	NUMBER OF RECORDS PER TRACK
130	(82)	SIGNED	2	EXTGRPSZ	NUMBER OF RECORDS PER TRACK GROUP
132	(84)	SIGNED	2	EXTTKCYL	NUMBER OF TRACKS PER CYLINDER
134	(86)	SIGNED	2	EXTNDX	EXTENT NUMBER
136	(88)	SIGNED	2	EXTSPNDX	SPOOL PARTITION INDEX
138	(8A)	SIGNED	2	EXTGRPSP	PARTITION RECORDS PER TRACK GROUP
140	(8C)	SIGNED	4	EXTFRRAD	ADDR OF ORIGINAL FRR PARM AREA
144	(90)	SIGNED	2	EXTASID	ASID OF FAILING ADDR SPACE
146	(92)	BITSTRING	1	EXTFLAG2	Extent Flag 2

Comment

Definition of EXTFLAG2

End of Comment

		1...		EXTXMEM	"X'80" Link-up in cross-memory mode; an additional FRR exists
		.1..		EXTPURLK	"X'40" Purge is holding the extent lock 0011
		..1.		EXTADDED	"X'20" Extent being added dynamically
		...1		EXTAUTOD	"X'10" Automatically drained during spool deletion
		.... 1...		EXTSTTMC	"X'08" STT Move complete
		.... .1..		EXTSTTMS	"X'04" STT Move successful
		.... ..1.		EXT2X02	"X'02" Reserved for IBM
		.... ...1		EXT2X01	"X'01" Reserved for IBM

Comment

EXTFLAG3 should be manipulated with serializing instructions (e.g. CS, OIL, NIL)

End of Comment

147	(93)	BITSTRING	1	EXTFLAG3	Extent Flag 3
-----	------	-----------	---	----------	---------------

Comment

Definition of EXTFLAG3

End of Comment

		1...		EXTNXTLK	"X'80" Extent is being added to waiting for ISR queue
		.1..		EXT3X40	"X'40" Reserved for IBM
		..1.		EXT3X20	"X'20" Reserved for IBM
		...1		EXT3X10	"X'10" Reserved for IBM
		.... 1...		EXT3X08	"X'08" Reserved for IBM
		.... .1..		EXT3X04	"X'04" Reserved for IBM
		.... ..1.		EXT3X02	"X'02" Reserved for IBM
		.... ...1		EXT3X01	"X'01" Reserved for IBM

IATYIOP Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
148	(94)	SIGNED	4	EXTRSVD (7)	Reserved for development
176	(B0)	SIGNED	4	EXTRSVS1 (2)	RESERVED FOR SERVICE
184	(B8)	SIGNED	4	EXTRSVU1 (2)	RESERVED FOR USER

Comment

 FIELD EXTDEFPM MUST BEGIN ON A 16 BYTE BOUNDARY

End of Comment

192	(C0)	CHARACTER	1	EXTFILL1 (0)	
192	(C0)	BITSTRING	16	EXTDEFPM (0)	DEFINE EXTENT CCW PARAMETERS
192	(C0)	BITSTRING	1	EXTPRMSK	MASK BYTE
		.... ....		EXTWROK	"B'00000000" All write OP codes allowed except write HA and R0
		.1..		EXTWRINH	"B'01000000" Inhibit all write operations
193	(C1)	BITSTRING	1	EXTATRIB	GLOBAL ATTRIBUTES
194	(C2)	BITSTRING	2	EXTRECSZ	RECORD SIZE
196	(C4)	BITSTRING	4	EXTRSVPM	RESERVED 5
200	(C8)	BITSTRING	4	EXTBEGIN	CCCCcch of beginning of extent
204	(CC)	BITSTRING	4	EXTXEND	CCCCcch of end of extent

Comment

 THE EXTENT ENTRY MUST END ON A 16 BYTE BOUNDARY

End of Comment

208	(D0)	CHARACTER	1	EXTFILL2 (0)	
208	(D0)	X'D0'	0	EXTEND	*** END OF EXTENT TABLE ENTRY
208	(D0)	X'D0'	0	EXTFSIZE	"EXTEND-EXTSTART" - SIZE OF EXTENT TABLE ENTRY

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	RPSSTART	
0	(0)	BITSTRING	2	RPSDEVTP	DEVICE CLASS/TYPE
2	(2)	BITSTRING	2	RPSBUFSZ	RECORD LENGTH
4	(4)	BITSTRING	2	RPSRECTK	NUMBER OF RECORDS PER TRACK
6	(6)	BITSTRING	1	RPSTABLE (0)	START OF SECTOR TABLE
6	(6)	X'6'	0	RPSHSIZE	** -RPSSTART"

IATYIOP Cross Reference

Name

EXTADDED
 EXTASID
 EXTATRIB
 EXTAUTOD
 EXTBEGIN
 EXTBUFDA
 EXTBUFRC
 EXTBUFSZ
 EXTBUSY
 EXTCHCT
 EXTCHN
 EXTCTADR
 EXTCTCYL
 EXTCTHD
 EXTCTHIG

Name

EXTCTLOG
EXTCYLCT
EXTDCBAD
EXTDDNM
EXTDEFFPM

EXTDEL
EXTDEVTP
EXTDRAIN
EXTEND
EXTFILL1

EXTFILL2
EXTFLAGS
EXTFLAG2
EXTFLAG3
EXTFLR01

EXTFLR02
EXTFLR04
EXTFLR08
EXTFRMT
EXTFRRAD

EXTFSIZE
EXTGRPSP
EXTGRPSZ
EXTHELD
EXTHIADR

EXTHICYL
EXTHIGHR
EXTHIHD
EXTIOCNT
EXTIOPAD

EXTISRAD
EXTLKBSY
EXTLOADR
EXTLOCYL
EXTLOHD

EXTLOWR
EXTNDX
EXTNLEFT
EXTNPEX
EXTNXEXT

EXTNXTLK
EXTPENDL
EXTPRMSK
EXTPURGE
EXTPURLK

EXTQPRMS
EXTRECSZ
EXTRECTK
EXTREP
EXTRPSAD

EXTRSTLK
EXTRSVD
EXTRSVPM
EXTRSVS1
EXTRSVU1

EXTSAVE
EXTSETLK
EXTSIO
EXTSIZE
EXTSPB

IATYIOP Cross Reference

Name

EXTSPNDX
EXTSPNM
EXTSTART
EXTSTFLG
EXTSTTD

EXTSTTMC
EXTSTTMS
EXTTGBEN
EXTTKCYL
EXTUCBAD

EXTUNV
EXTWAITQ
EXTWRINH
EXTWROK
EXTXEND

EXTXMEM
EXT2X01
EXT2X02
EXT3X01
EXT3X02

EXT3X04
EXT3X08
EXT3X10
EXT3X20
EXT3X40

IOPCNTRL
IOPDSBCT
IOPDYCHG
IOPEXTAB
IOPEXTCT

IOPEXTSZ
IOPFEND
IOPFLAGS
IOPFREEI
IOPFREES

IOPFRISR
IOPFRSRB
IOPFSIZE
IOPHISRB
IOPHSNEW

IOPHSTRT
IOPID
IOPINISR
IOPISRCN
IOPISRQ

IOPISRSV
IOPJASCB
IOPJSTRM
IOPLOSRB
IOPNISR

IOPNQUES
IOPNXTS
IOPRPSSZ
IOPRPSTB
IOPRSVD

IOPRSVS
IOPRSVS1
IOPRSVU1
IOPRSV01
IOPRSV02

Name

IOPRSV03
IOPSRBCT
IOPSRBQ
IOPSRBWT
IOPSRIA

IOPSTART
IOPTSIZE
IOPVLARR
IOPVLSIZ
IOPWTISR

IOSA
IOSAATI
IOSABN
IOSABNC
IOSAC

IOSACHN
IOSACLR
IOSACSCH
IOSAC2
IOSADDR

IOSADEVA
IOSADIER
IOSAFLGS
IOSAHALT
IOSAHSCH

IOSAINTE
IOSAINTER
IOSAINTR
IOSAMOD
IOSAOMID

IOSAPCI
IOSAPMSK
IOSAPR
IOSAPRID
IOSAPURG

IOSARSCH
IOSASID
IOSASIS
IOSASMID
IOSASNRQ

IOSASSCH
IOSASTOR
IOSAST1
IOSASUBA
IOSATMID

IOSATPMK
IOSATSNS
IOSATTN
IOSATTSN
IOSATTWA

IOSAUR
IOSAUSID
IOSAWTO
IOSB
IOSB

IOSBDCST
IOSBEXTF
IOSBSTD
IOSBYP
IOSCAPAS

IATYIOP Cross Reference

Name

IOSCC
IOSCCHH
IOSCCHN
IOSCCWAD
IOSCCWDS

IOSCC0
IOSCC1
IOSCC3
IOSCC3WE
IOSCDRID

IOSCD46
IOSCD50
IOSCHCMP
IOSCKEY
IOSCLRID

IOSCNCLD
IOSCOD
IOSCSW
IOSCSWCA
IOSCSWRC

IOSCTCDW
IOSCTCMD
IOSCTCNR
IOSCTCOP
IOSDACID

IOSDAVV
IOSDCHN
IOSDCSID
IOSDCTI
IOSDEP

IOSDIE
IOSDIESE
IOSDOM
IOSDPXC
IOSDSATN

IOSDSBSY
IOSDSCE
IOSDSCUE
IOSDSDE
IOSDSID

IOSDSSM
IOSDSTAT
IOSDSUC
IOSDSUEX
IOSDVRID

IOSDYPID
IOSE
IOSEEK
IOSEEKA
IOSEIDAW

IOSEND
IOSEPCIF
IOSEPCIS
IOSERP
IOSERR

IOSERRC
IOSEX
IOSEXP
IOSEXTC
IOSEXTRM

Name

IOSF
IOSFC
IOSFCHID
IOSFCSCH
IOSFCSW

IOSFCXST
IOSFHSCCH
IOSFINTC
IOSFLA
IOSFLB

IOSFLC
IOSFLD
IOSFMSK
IOSFSSCH
IOSFTCHC

IOSGDP
IOSGDPCC
IOSGDPLP
IOSGDPRD
IOSGDPWE

IOSGPMSK
IOSI
IOSIDR
IOSINTC
IOSINTGFAILED

IOSINTID
IOSIONRD
IOSIOPID
IOSIOSB

IOSIOSID
IOSIOTCR
IOSIPIB
IOSIPIBP
IOSIRBCC

IOSIRBC0
IOSIRBC1
IOSIRBC3
IOSIRBKY
IOSIRBL

IOSIVEXP
IOSJESID
IOSLCL
IOSLEVEL
IOSLIOPF

IOSLOG
IOSMD
IOSMDB
IOSMDM
IOSMDSID

IOSME
IOSMIHC
IOSMIHCA
IOSMIHID
IOSMIHSP

IOSMISC
IOSMISID
IOSMI2ID
IOSMLM
IOSMLPM

IATYIOP Cross Reference

Name

IOSMLPMO
IOSMMBI
IOSMMM
IOSMMMO
IOSMNORQ

IOSMPOM
IOSMPOMO
IOSMSG
IOSN
IOSNERP

IOSNOINT
IOSNOLL
IOSNOPTH
IOSNORTY
IOSNORWS

IOSNOTRS
IOSNRM
IOSNRMC
IOSOLTID
IOSOPT

IOSOPT2
IOSP
IOSPAVID
IOSPCHN
IOSPCI

IOSPCIRS
IOSPCIWA
IOSPGAD
IOSPGDPX
IOSPKEY

IOSPRGC
IOSPRGID
IOSPROC
IOSPRVID
IOSPSLL

IOSPVTIO
IOSQISCE
IOSRELSE
IOSRESRC
IOSRST

IOSRSVID
IOSS
IOSSALRT
IOSSC
IOSSCHC

IOSSCHC0
IOSSCHC1
IOSSCHIB
IOSSCRID
IOSSDR

IOSSECT
IOSSESQ
IOSSESTAT
IOSSI
IOSSID

IOSSINTR
IOSSKBB
IOSSKCC
IOSSKHH
IOSSKH1

Name

IOSSKH2
IOSSKM
IOSSKR
IOSSLFID
IOSSMDA

IOSSMDB
IOSSMSID
IOSSNS
IOSSNSBD
IOSSPNDG

IOSSPRIM
IOSSRB
IOSSSCC
IOSSSCCC
IOSSSCDC

IOSSSCRF
IOSSSEC
IOSSICC
IOSSSIL
IOSSSPCI

IOSSSPGC
IOSSSPND
IOSSSPTC
IOSSSTAT
IOSSS1ID

IOSSYN
IOSTAPEC
IOSTATUS
IOSTCMID
IOSTCWAD

IOSTSA
IOSTSB
IOSTSL
IOSUCB
IOSUSE

IOSVERIF
IOSVPSID
IOSVSAID
IOSVST
IOSV16ID

IOSV33ID
IOSXCFID
IOSXCPID
IOSXERPL
IOSXMSAV

IOSZ
IOS2CSWS
ISRATPST
ISRCPEND
ISRDIE

ISRDIEOB
ISRDIOUT
ISRDMFRR
ISRDMITA
ISRERDMC

ISRERR
ISREXTEN
ISRFEND
ISRFLAG1
ISRFLAG2

IATYIOP Cross Reference

Name

ISRFSSIZE
ISRID
ISRINCOMP
ISRIOSTR
ISRJESIO

ISRJPOST
ISRNRMSC
ISRNXDMC
ISRNXISR
ISRPCHN

ISRPERR
ISRPHIAD
ISRPID
ISRPLEN
ISRPLOAD

ISRPRFIX
ISRPRSD
ISRPSIZE
ISRRetu
ISRRSVDU

ISRSAVE
ISRSIO
ISRSRB
ISRSYMSK
ISRTERM

ISRTVTAD
ISRUERR
RPSBUFSZ
RPSDEVTP
RPSHSIZE

RPSRECTK
RPSSTART
RPSTABLE
SRB
SRBASCB

SRBASC24
SRBBLK24
SRBCPAFF
SRBEND
SRBEP

SRBEPA
SRBFLC
SRBFLGS
SRBFLGS1
SRBFLNK

SRBFRA
SRBFRA3
SRBFRRCL
SRBFRRREQ
SRBHLHI

SRBID
SRBLLHLD
SRBLLREQ
SRBMAIN
SRBMODE

SRBMSCHD
SRBPARM
SRBPASID
SRBPKF
SRBPMCS

Name

SRBPNONQ
SRBPRIOR
SRBPSYS
SRBPTCB
SRBRMODE

SRBRMTLL
SRBRMTR
SRBRMTRA
SRBRMTR0
SRBRMTR3

SRBSAVE
SRBSD31
SRBSECT
SRBSIZE
SRBSP245

SRBSUSP
SRBTOKNP
SRBWEB
SRBXESF
SRB1STS

IATYIQOS Information

IATYIQOS Programming Interface information

Programming Interface information

IATYIQOS

End of Programming Interface information

Heading Information • IATYIQOS Map

IATYIQOS Heading Information

Common Name: DATA AREA INPUT LIST FOR IATYIQOS/IATIQOI/IATIQOM
Macro ID: IATYIQOS
DSECT Name: IQOS
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IQOS
 Offset: IQOSID
 Length: 4
Storage Attributes: Auxiliary Storage: N/A
 Subpool: 0 (JESPOOL)
 Key: 1 (JESKEY)
 Residency: ANY
Size: IQOSSIZE
Created by: IATYIQOS
Pointed to by: R13 IN IATYIQOS/IATIQOI/IATIQOM,
 FCTATFPF IN THE IATIQOI FCT.
Serialization: NONE
Function: THIS MACRO EXPANDS THE DATA AREA REQUIRED
 FOR MODULES IATYIQOS/IATIQOI/IATIQOM.

IATYIQOS Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IQOS	
0	(0)	SIGNED	4	IQOSSTRT (0)	START OF IQOS DATA AREA
0	(0)	CHARACTER	4	IQOSID	PARAMETER LIST IDENTIFIER
Comment					
DATA AREA					
End of Comment					
0	(0)	X'3'	0	MAXPARM	"3" MAX NUMBER OF PARMS FOR H=
8	(8)	DBL WORD	8	IQOSDBL	DOUBLE WORD AREA
16	(10)	SIGNED	4	IQOSYPRM	SAVE AREA FOR IATYPRM ADDR
20	(14)	SIGNED	4	IQOSSVR2	SAVE AREA FOR REGISTER, USED BY IATYIQOS TO SAVE REG 2 AND BY IATIQOI TO SAVE REG 6
24	(18)	SIGNED	4	IQOSSVR5	SAVE AREA FOR REGISTER 5
28	(1C)	SIGNED	4	IQOSS012 (3)	SAVE AREA FOR REGISTERS 0-2 D014
40	(28)	SIGNED	4	IQOSSVR9	Save area for reg register 0035 used by IATYIQOS to save 0035 reg 14 and by IATIQOI to0035 save reg 14 0035
44	(2C)	SIGNED	4	IQOSKA	SAVE AREA FOR KEYWORD ADDRESS AND REGISTER R2
48	(30)	SIGNED	4	IQOSLFS	SAVE AREA FOR LENGTH FIELDS OF THE KEYWORD AND PARAMETER
52	(34)	SIGNED	4	IQOSJDSP	JDS POINTER
56	(38)	SIGNED	4	(0)	
56	(38)	ADDRESS	4	IQOSIQOM	ADDRESS OF IATIQOM
60	(3C)	SIGNED	2	IQOSLPCT	WA FOR PRT8131 MSG RTN 0024
62	(3E)	SIGNED	2	IQOSRPCT	WA FOR PRT8131 MSG RTN 0024
64	(40)	ADDRESS	4	IQOSBMP	BIT MAP POINTER 0395
68	(44)	SIGNED	4	IQOSBMS	BIT MAP SIZE 0395
72	(48)	SIGNED	4	IQOSNBAS	Base job number
76	(4C)	SIGNED	4	IQOSBRVS	Reserved for IBM
80	(50)	BITSTRING	12	IQOSFDBS	FDB SAVE AREA
92	(5C)	BITSTRING	1	IQOSFDB	FDB FOR OSE'S

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				

IQOSIMSK					

DEFINES WHAT KEYWORDS WERE GIVEN WITH A VALUE BY THE OPERATOR ON AN INQUIRY (I,U) COMMAND. AN EXAMPLE IS 'CL=A'. THIS FIELD IS USED TO SELECT MOSE/OSS/OSE CONTROL BLOCKS FOR THE COMMAND DISPLAY.					

End of Comment					
104	(68)	BITSTRING	4	IQOSIMSK (0)	Selection mask
104	(68)	BITSTRING	1	IQOSIMK0	1ST BYTE
		1... ..		IQOSIJNA	"X'80" J= JOB NAME
		.1.		IQOSIJNO	"X'40" J= JOB NUMBER
		..1.		IQOSIDG	"X'20" DG= DEVICE GROUP 0299
		...1		IQOSIP	"X'10" P= PRIORITY
		.... 1...		IQOSIDST	"X'08" D= DESTINATION
		.... .1..		IQOSIGT	"X'04" GT= GENERAL TYPE
		.... .1..		IQOSIW	"X'04" W= WRITER NAME
		.... ..1.		IQOSIST	"X'02" ST= SPECIFIC TYPE
		.... ..1.		IQOSIDSD	"X'02" DSID= 3540 DISKETTE ID
		.... ...1		IQOSIF	"X'01" F= FORMS
105	(69)	BITSTRING	1	IQOSIMK1	2ND BYTE
		1... ..		IQOSIC	"X'80" C= CARRIAGE TAPE/FCB
		.1.		IQOSIU	"X'40" U= UCS
		..1.		IQOSICL	"X'20" CL= CLASS
		...1		IQOSIUI	"X'10" ID= USER ID
		.... 1...		IQOSICH	"X'08" CH= CHARACTER TABLE
		.... .1..		IQOSIFFL	"X'04" FL= FORMS FLASH
		.... ..1.		IQOSICMO	"X'02" CM= COPY MODIFICATION
		.... ...1		IQOSISTK	"X'01" SS= STACKER
106	(6A)	BITSTRING	1	IQOSIMK2	3RD BYTE
		1... ..		IQOSIDD	"X'80" DD= DATASET DDNAME
		.1.		IQOSIL	"X'40" L= LINE LIMIT
		..1.		IQOSIHY	"X'20" H=Y OPERATOR HOLD
		...1		IQOSIHN	"X'10" H=N "NO" OPERATOR HOLD
		.... 1...		IQOSITRM	"X'08" T= TERMINAL NAME 0522
		.... .1..		IQOSIAGE	"X'04" AGE= SELECT BY AGE
		.... ..1.		IQOSIDSN	"X'02" DSN= DATASET NAME
		.... ...1		IQOSISL	"X'01" SL= SECLABL
107	(6B)	BITSTRING	1	IQOSIMK3	4TH BYTE
		1... ..		IQOSIBT	"X'80" BT= BDT TYPE
		.1.		IQOSIBJ	"X'40" BJ= BDT JOB NUMBER
		..1.		IQOSIBG	"X'20" BG= BDT group identifier
		...1		IQOSIBS	"X'10" BS= BDT status
		.... 1...		IQOSIAPC	"X'08" APPC= KWD SPECIFIED
		.... .1..		IQOSISD	"X'04" SECONDARY DESTINATION D003
		.... ..1.		IQOSIOTB	"X'02" OB= OUTBIN ID 0146
		.... ...1		IQOSIBY	"X'01" BY= Byte limit

IQOSIMSK Continuation					

End of Comment					
108	(6C)	BITSTRING	4	IQOSINMK (0)	Selection mask
108	(6C)	BITSTRING	1	IQOSIMK4	5th byte
		1... ..		IQOSIPG	"X'80" PG= Page limit
		.1.		IQOSIPAD	"X'40" IP= IPADDR
		..1.		IQOSIFMD	"X'20" FD= FORMDEF

IATYIQOS Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		...1		IQOSIPGD	"X'10" PD= PAGEDEF
		.... 1...		IQOSICJ	"X'08" CJ= Client job
		.... .1..		IQOSICJI	"X'04" CJID= Client job id
		.... ..1.		IQOSICJN	"X'02" CJNM= Client job name
109	(6D)	BITSTRING	1	IQOSIMK5	6th byte
		1...		IQOSITT	"X'80" TT= TCP type
		.1..		IQOSITG	"X'40" TG= TCP group identifier
		..1.		IQOSITS	"X'20" TS= TCP status
		...1		IQOSI510	"X'10" Reserved for IBM
		.... 1...		IQOSI508	"X'08" Reserved for IBM
		.... .1..		IQOSI504	"X'04" Reserved for IBM
		.... ..1.		IQOSI502	"X'02" Reserved for IBM
		.... ...1		IQOSI501	"X'01" Reserved for IBM
110	(6E)	BITSTRING	1	IQOSIMK6	7th byte
111	(6F)	BITSTRING	1	IQOSIMK7	8th byte

Comment

IQOSOMSK

DEFINES WHAT INFORMATION SHOULD BE DISPLAYED FROM THE OUTPUT SERVICE DATA BASE WHEN A KEYWORD IS GIVEN WITH A '?' MARK. AN EXAMPLE IS 'ID=?'.

The IQOSOMSK bit settings match those of IQOSAMSK.

End of Comment

112	(70)	BITSTRING	4	IQOSOMSK (0)	Output mask
112	(70)	BITSTRING	1	IQOSOMK0	1ST BYTE
		1...		IQOSOJNA	"X'80" J=? JOB NAME AND NUMBER
		.1..		IQOSOP	"X'40" P=? PRIORITY
		..1.		IQOSODST	"X'20" D=? DESTINATION
		...1		IQOSODSD	"X'10" DSID= 3540 DISKETTE ID
		.... 1...		IQOSOW	"X'08" W=? WRITER NAMES
		.... .1..		IQOSOST	"X'04" ST=? SPECIFIC TYPE
		.... ..1.		IQOSOF	"X'02" F=? FORMS
		.... ...1		IQOSOC	"X'01" C=? CARRIAGE TAPE/FCB
113	(71)	BITSTRING	1	IQOSOMK1	2ND BYTE
		1...		IQOSOU	"X'80" U=? UCS
		.1..		IQOSOCL	"X'40" CL=? CLASS
		..1.		IQOSOUID	"X'20" ID=? USER ID
		...1		IQOSOCH	"X'10" CH=? CHARACTER TABLE
		.... 1...		IQOSOFFL	"X'08" FL=? FORMS FLASH
		.... .1..		IQOSOCMO	"X'04" CM=? COPY MODIFICATION
		.... ..1.		IQOSOSTK	"X'02" SS=? STACKER
		.... ...1		IQOSODD	"X'01" DD=? DATASET DDNAMES
114	(72)	BITSTRING	1	IQOSOMK2	3RD BYTE
		1...		IQOSOH	"X'80" H=? HOLD STATUS
		.1..		IQOSOPM	"X'40" PM=? PROCESS MODE
		..1.		IQOSODG	"X'20" DG=? DEVICE GROUP 0299
		...1		IQOSOTRM	"X'10" T=? TERMINAL NAME 0522
		.... 1...		IQOSOAGE	"X'08" AGE=? DATA SET AGE
		.... .1..		IQOSODSN	"X'04" DSN=? DATASET NAME
		.... ..1.		IQOSOSL	"X'02" SL=? SECLABL
		.... ...1		IQOSOBT	"X'01" BT=? BDT TYPE
115	(73)	BITSTRING	1	IQOSOMK3	4TH BYTE
		1...		IQOSOBJ	"X'80" BJ=? BDT JOB NUMBER
		.1..		IQOSOBG	"X'40" BG=? BDT GROUP
		..1.		IQOSOBS	"X'20" BS=? BDT STATUS
		...1		IQOSOAPC	"X'10" APPC=? APPC TRANSACTIONS
		.... 1...		IQOSOSD	"X'08" SECONDARY DESTINATION D003
		.... .1..		IQOSOOTB	"X'04" OB=? OUTBIN ID 0146
		.... ..1.		IQSOIPA	"X'02" IP=? IPADDR
		.... ...1		IQOSOFMD	"X'01" FD=? FORMDEF

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				

Continuation of IQOSOMSK...					
The IQOSO2MK bit settings match those of IQOSA2MK.					

End of Comment					
116	(74)	BITSTRING	4	IQOSO2MK (0)	Output mask
116	(74)	BITSTRING	1	IQOSOMK4	5th byte
		1... ..		IQOSOPGD	"X'80" PD=? PAGEDEF
		.1.		IQOSOCJ	"X'40" CJ=? Client job
		..1.		IQOSOTT	"X'20" TT=? TCP type
		...1		IQOSOTG	"X'10" TG=? TCP group identifier
		.... 1...		IQOSOTS	"X'08" TS=? TCP status
		.... .1..		IQOSO404	"X'04" UNUSED
		.... ..1.		IQOSO402	"X'02" UNUSED
		.... ...1		IQOSO401	"X'01" UNUSED
117	(75)	BITSTRING	1	IQOSOMK5	6th byte
118	(76)	BITSTRING	1	IQOSOMK6	7th byte
119	(77)	BITSTRING	1	IQOSOMK7	8th byte

Comment					

IQOSAMSK					

THIS FIELD WILL HAVE THE SAME BIT SETTINGS AS THE					
IQOSIMSK FIELD. THIS FIELD IS ADDED TO THE					
IQOSOMSK FIELD IN A REGISTER TO INDICATE WHAT					
INFORMATION MUST BE DISPLAYED.					

End of Comment					
120	(78)	BITSTRING	4	IQOSAMSK (0)	Add mask
120	(78)	BITSTRING	1	IQOSAMK0	1ST BYTE
		1... ..		IQOSAJNA	"X'80" J=? JOB NAME AND NUMBER
		.1.		IQOSAP	"X'40" P=? PRIORITY
		..1.		IQOSADST	"X'20" D=? DESTINATION
		...1		IQOSADSD	"X'10" DSID= 3540 DISKETTE ID
		.... 1...		IQOSAW	"X'08" W=? WRITER NAMES
		.... .1..		IQOSAST	"X'04" ST=? SPECIFIC TYPE
		.... ..1.		IQOSAF	"X'02" F=? FORMS
		.... ...1		IQOSAC	"X'01" C=? CARRIAGE TAPE/FCB
121	(79)	BITSTRING	1	IQOSAMK1	2ND BYTE
		1... ..		IQOSAU	"X'80" U=? UCS
		.1.		IQOSACL	"X'40" CL=? CLASS
		..1.		IQOSAUID	"X'20" ID= USER ID
		...1		IQOSACH	"X'10" CH= CHARACTER TABLE
		.... 1...		IQOSAFFL	"X'08" FL= FORMS FLASH
		.... .1..		IQOSACMO	"X'04" CM= COPY MODIFICATION
		.... ..1.		IQOSASTK	"X'02" SS= STACKER
		.... ...1		IQOSADD	"X'01" DD=? DATASET DDNAMES
122	(7A)	BITSTRING	1	IQOSAMK2	3RD BYTE
		1... ..		IQOSAH	"X'80" H=? HOLD STATUS
		.1.		IQOSAPM	"X'40" PM=? PROCESS MODE
		..1.		IQOSADG	"X'20" DG= DEVICE GROUP 0299
		...1		IQOSATRM	"X'10" T= TERMINAL NAME 0522
		.... 1...		IQOSAAGE	"X'08" AGE= DATA SET AGE
		.... .1..		IQOSADSN	"X'04" DSN= DATA SET NAME
		.... ..1.		IQOSASL	"X'02" SL= SECLABL
		.... ...1		IQOSABT	"X'01" BT= BDT TYPE
123	(7B)	BITSTRING	1	IQOSAMK3	4TH BYTE
		1... ..		IQOSABJ	"X'80" BJ= BDT JOB NUMBER

IATYIQOS Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.1..		IQOSABG	"X'40" BG= BDT GROUP IDENTIFIER
		..1.		IQOSABS	"X'20" BS= BDT STATUS
		...1		IQOSAR9	"X'10" UNUSED
		.... 1...		IQOSASD	"X'08" SECONDARY DESTINATION D003
		.... .1..		IQOSAOTB	"X'04" OB= OUTBIN ID 0146
		.... ..1.		IQOSAIPA	"X'02" IP= IPADDR
		.... ...1		IQOSAFMD	"X'01" FD= FORMDEF

Comment

Continuation of IQOSAMSK...
The IQOSA2MK bit settings match those of IQOSO2MK.

End of Comment

124	(7C)	BITSTRING	4	IQOSA2MK (0)	Add mask
124	(7C)	BITSTRING	1	IQOSAMK4	5th byte
		1...		IQOSAPGD	"X'80" PD=? PAGEDEF
		.1..		IQOSACJ	"X'40" CJ= Client job
		..1.		IQOSATT	"X'20" TT= TCP type
		...1		IQOSATG	"X'10" TG= TCP group identifier
		.... 1...		IQOSATS	"X'08" TS= TCP status
		.... .1..		IQOSA404	"X'04" UNUSED
		.... ..1.		IQOSA402	"X'02" UNUSED
		.... ...1		IQOSA401	"X'01" UNUSED
125	(7D)	BITSTRING	1	IQOSAMK5	6th byte
126	(7E)	BITSTRING	1	IQOSAMK6	7th byte
127	(7F)	BITSTRING	1	IQOSAMK7	8th byte

Comment

The following fields define all the information that should be displayed when the INQUIRY command specifies Q=<HOLD/WTR/BDT/TCP>,REQ=ALL. These fields are OR'ed into the IQOSOMSG field in module IATYIQOS in the VALIDATE subroutine.

End of Comment

128	(80)	ADDRESS	4	IQOSHREQ	OMSK FOR 'Q=HOLD,REQ=ALL'
132	(84)	ADDRESS	4	IQOSHRQ2	Second word of OMSK
136	(88)	ADDRESS	4	IQOSWREQ	OMSK FOR 'Q=WTR,REQ=ALL'
140	(8C)	ADDRESS	4	IQOSWRQ2	Second word of OMSK
144	(90)	ADDRESS	4	IQOSBREQ	OMSK FOR 'Q=BDT,REQ=ALL'
148	(94)	ADDRESS	4	IQOSBRQ2	Second word of OMSK
152	(98)	ADDRESS	4	IQOSTREQ	OMSK for 'Q=TCP,REQ=ALL'
156	(9C)	ADDRESS	4	IQOSTRQ2	Second word of OMSK

Comment

Bits for HLDREQ, HLDREQ2:
Byte 1: priority, destination, DSID, writer name, forms, FCB
Byte 2: UCS, class, user id, character table, forms flash, copy modification, stacker
Byte 3: hold status, process mode, SECLABEL
Byte 4: outbin id, IP address

End of Comment

156	(9C)	BITSTRING	0	HLDREQ HLDREQ2	"X'7BFEC206" Mask for 'Q=HOLD,REQ=ALL' "X'00000000" Second word of mask
-----	------	-----------	---	-------------------	--

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
Comment						

Bits for WTRREQ, WTRREQ2:						
Byte 1: priority, destination, specific type, forms, FCB						
Byte 2: UCS, class, user id, character table, forms flash, copy modification, stacker						
Byte 3: hold status, process mode, SECLABEL						
Byte 4: outbin id, IP address						

End of Comment						
156	(9C)	BITSTRING	0	WTRREQ WTRREQ2	"X'67FEC206" Mask for 'Q=WTR,REQ=ALL' "X'00000000" Second word of mask	
Comment						

Bits for BDTREQ, BDTREQ2:						
Byte 1: job name and number, priority						
Byte 2: none						
Byte 3: hold status, BDT type						
Byte 4: BDT job number, BDT group, BDT status						

End of Comment						
156	(9C)	BITSTRING	0	BDTREQ BDTREQ2	"X'C00081E0" Mask for 'Q=BDT,REQ=ALL' "X'00000000" Second word of mask	
Comment						

Bits for TCPREQ, TCPREQ2:						
Byte 1: job name and number, priority						
Byte 2: none						
Byte 3: hold status						
Byte 4: none						
Byte 5: TCP type, TCP group, TCP status						

End of Comment						
156	(9C)	BITSTRING	0	TCPREQ TCPREQ2	"X'C0008000" Mask for 'Q=TCP,REQ=ALL' "X'38000000" Second word of mask	
160	(A0)	SIGNED	4	IQOSRQAD	RQ ADDRESS	
164	(A4)	CHARACTER	16	IQOSNODM	INDICATOR FOR DDNAME NAVAIL	
180	(B4)	CHARACTER	10	IQOSWORK	WORK AREA	
Comment						

STORAGE FOR INFORMATION GIVEN ON THE COMMAND.						

KEYWORD						

End of Comment						
192	(C0)	SIGNED	4	(0)		
192	(C0)	BITSTRING	8	IQOSBG	BG= BDT GROUP IDENTIFIER	
200	(C8)	BITSTRING	8	IQOSBS	BS= BDT STATUS	
208	(D0)	BITSTRING	8	IQOSBT	BT= BDT TYPE	
216	(D8)	CHARACTER	8	IQOSTG	TG= TCP group ident	
224	(E0)	CHARACTER	8	IQOSTS	TS= TCP status	
232	(E8)	CHARACTER	8	IQOSTT	TT= TCP type	
240	(F0)	BITSTRING	8	IQOSCTAP	C= CARRIAGE TAPE/ FCB ID	

IATYIQOS Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
248	(F8)	BITSTRING	4	IQOSBJ	BJ= BDT JOB NUMBER
252	(FC)	BITSTRING	4		PADDING
256	(100)	BITSTRING	1	IQOSCLS	CL= SYSOUT CLASS
257	(101)	BITSTRING	3		PADDING
260	(104)	BITSTRING	4	IQOSCH (4)	CH= CHARS
276	(114)	BITSTRING	4	IQOSCM	CM= COPY MODIFICATION
276	(114)	X'118'	0	IQOSRC	"IQOSCM+4,1,X'00"
281	(119)	BITSTRING	3		PADDING
284	(11C)	BITSTRING	8	IQOSCONS	CONS= CONSOLE NAME
292	(124)	CHARACTER	8	IQOSCART	CART of the command issuer

Comment

QOSCONS IATYCNDDB DSECT=NO CONS= RESP CONSOLE'S CNDB

IATYCNDDB_1.;

START OF SPECIFICATIONS

01 PROPRIETARY STATEMENT=

PROPRIETARY_STATEMENT

LICENSED MATERIALS - PROPERTY OF IBM

5647-A01 COPYRIGHT IBM CORP. 1989, 2010

STATUS= HJS7770

END_OF_PROPRIETARY_STATEMENT

This data area is maintained as a CASE mapping macro.

Changes should be made to the CASE source and then the PLX and Assembler should be regenerated.

Do NOT make changes to the PLX or Assembler directly!

01 Descriptive Name: Console Destination Block

Acronym: CNDB

01 Macro Name: IATYCNDDB

01 DSECT Name: IATYCNDDB

--based variable for storage mapping

01 Component: JES3 (SC1BA)

01 Function:

02 The console destination block is a control block that contains information related to the destination that messages should be sent to. This control block is built as commands are entered into to the system and is used by command processors as a destination for where to return messages to. The control block is imbedded in other control blocks and the size of the data area must not change (otherwise a JES3 cold start is required). The data is referenced by non-source maintained modules, so offsets into the data area must not change.

01 Eye-Catcher: CNDBEYE

02 Offset: 4

02 Length: 4

01 Language: PL/X

01 Storage Attributes:

02 Allocation Method: Imbedded within other control blocks

02 Main Storage: 94

Offsets

Dec	Hex	Type/Value	Len	Name (Dim)	Description
02		Virtual Storage: 94			
02		Auxiliary Storage: 94			
02		Subpool: n/a			
02		Key: 1			
02		Data Space: N/A			
02		Residency: any			
02		Frequency: n/a			
02		Size: 94			
02		Created by: n/a			
02		Deleted by: n/a			
02		Pointed to by: Imbedded within other control blocks			
02		Serialization: none			
01		EXTERNAL CLASSIFICATION: DMTI			
01		END OF EXTERNAL CLASSIFICATION:			
01		Method Of access:			
02		ASM: IATYCNDB			
02		PLX: %INCLUDE SYSLIB(IATYCNDB)			
01		CHANGE ACTIVITY:			
		\$QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support			
		\$RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init			
		\$T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0			
		CASE/390 - VERSION 49			
		END OF SPECIFICATIONS			

%

					End of Comment
300	(12C)	SIGNED	4	IQOSCNS (0)	IATYCNDB.27: based variable for storage mapping
300	(12C)	SIGNED	4		Four byte console id 0176
304	(130)	CHARACTER	4		IATYCNDB eyecatcher
308	(134)	ADDRESS	4		IATYCNDB version
312	(138)	BITSTRING	8		Reserved for development
320	(140)	BITSTRING	8		Console Name 0176
328	(148)	BITSTRING	24		Reserved for development
352	(160)	SIGNED	2		Reserved for development
354	(162)	BITSTRING	40		Reserved for development

Comment

```

QOSCNSL IATYCNDB DSECT=NO ORIGINAT'G CONS CNDB
IATYCNDB_1;;
START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  5647-A01 COPYRIGHT IBM CORP. 1989, 2010
  STATUS= HJS7770
  END_OF_PROPRIETARY_STATEMENT
  This data area is maintained as a CASE mapping macro.
  Changes should be made to the CASE source and then
  the PLX and Assembler should be regenerated.
  Do NOT make changes to the PLX or Assembler directly!
01 Descriptive Name: Console Destination Block
  Acronym: CNDB
01 Macro Name: IATYCNDB
01 DSECT Name: IATYCNDB
  --based variable for storage mapping
    
```

IATYIQOS Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
01		Component: JES3 (SC1BA)			
01		Function:			
02		The console destination block is a control block that contains information related to the destination that messages should be sent to. This control block is built as commands are entered into to the system and is used by command processors as a destination for where to return messages to. The control block is imbeded in other control blocks and the size of the data area must not change (otherwise a JES3 cold start is required). The data is referenced by non-source maintained modules, so offsets into the data area must not change.			
01		Eye-Catcher: CNDBEYE			
02		Offset: 4			
02		Length: 4			
01		Language: PL/X			
01		Storage Attributes:			
02		Allocation Method: Imbeded within other control blocks			
02		Main Storage: 94			
02		Virtual Storage: 94			
02		Auxiliary Storage: 94			
02		Subpool: n/a			
02		Key: 1			
02		Data Space: N/A			
02		Residency: any			
02		Frequency: n/a			
02		Size: 94			
02		Created by: n/a			
02		Deleted by: n/a			
02		Pointed to by: Imbeded within other control blocks			
02		Serialization: none			
01		EXTERNAL CLASSIFICATION: DMTI			
01		END OF EXTERNAL CLASSIFICATION:			
01		Method Of access:			
02		ASM: IATYCNDDB			
02		PLX: %INCLUDE SYSLIB(IATYCNDDB)			
01		CHANGE ACTIVITY:			
		\$QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support			
		\$RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init			
		\$T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0			
		CASE/390 - VERSION 49			
		END OF SPECIFICATIONS			
		%			
End of Comment					
396	(18C)	SIGNED	4	IQOSCNSL (0)	IATYCNDDB.27: based variable for storage mapping
396	(18C)	SIGNED	4		Four byte console id 0176
400	(190)	CHARACTER	4		IATYCNDDB eyecatcher
404	(194)	ADDRESS	4		IATYCNDDB version
408	(198)	BITSTRING	8		Reserved for development
416	(1A0)	BITSTRING	8		Console Name 0176
424	(1A8)	BITSTRING	24		Reserved for development
448	(1C0)	SIGNED	2		Reserved for development
450	(1C2)	BITSTRING	40		Reserved for development
490	(1EA)	BITSTRING	8	IQOSDEST	D= DESTINATION
498	(1F2)	BITSTRING	24	IQOSDDN	DD= DATASET NAME WITHOUT PERIODS (DDNAME)

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				

<p>THE FOLLOWING FIVE FIELDS DEFINE THE DATA SET NAME AS BROKEN INTO THE 5 STRUCTURED FIELDS. THEY ARE USED AS INPUT TO THE JDSGET MACRO, THEY MUST REMAIN IN ORDER.</p>					

End of Comment					
522	(20A)	BITSTRING	1	IQOSDSN (0)	
522	(20A)	BITSTRING	8	IQOSDSNU	USERID (IN JDS)
530	(212)	BITSTRING	8	IQOSDSNN	JOB NAME (IN JDS)
538	(21A)	BITSTRING	8	IQOSDSNJ	JOBID (IN JDS)
546	(222)	BITSTRING	8	IQOSDSNB	DS NUMBER (IN JDS)
554	(22A)	BITSTRING	8	IQOSDSNM	DS NAME (IN JDS) END OF DSNAME LIST
562	(232)	CHARACTER	26	IQOSSVDD	DD= DATASET NAME AS GIVEN ON THE COMMAND (DDNAME)
588	(24C)	CHARACTER	44	IQOSSVDS	DSN= DATASET NAME AS GIVEN ON COMMAND
632	(278)	SIGNED	2		PADDING
634	(27A)	BITSTRING	8	IQOSDST2	SECONDARY DESTINATION D003
642	(282)	BITSTRING	8	IQOSDSID	DSID= DATA SET ID
650	(28A)	BITSTRING	8	IQOSFORM	F= FORMS
658	(292)	BITSTRING	4	IQOSFL	FL= FLASH
662	(296)	BITSTRING	1	IQOSHOLD	H= INPUT PARAMETER
663	(297)	BITSTRING	1	IQOSHTYP	HOLD TYPE
664	(298)	SIGNED	2	IQOSPAD	PADDING D014
666	(29A)	CHARACTER	8	IQOSAPPC	APPC= TPNAME,TPID, OR '?'
674	(2A2)	BITSTRING	8	IQOSUSID	ID= USER ID
682	(2AA)	BITSTRING	8	IQOSJOB	J= JOB IDENTIFIER
692	(2B4)	SIGNED	4	IQOSJOB	BINARY JOB NUMBER
696	(2B8)	BITSTRING	8	IQOSLINE	L= LINE COUNT IN CHAR
704	(2C0)	SIGNED	4	IQOSLNCT	L= LINE COUNT IN DEC
708	(2C4)	BITSTRING	8	IQOSBYTE	BY= Byte count in char
716	(2CC)	SIGNED	4	IQOSBYCT	BY= Byte count in dec
720	(2D0)	SIGNED	4	IQOSCNT	N= SET TO DEFAULT LINE COUNT AT BEGINNING
724	(2D4)	BITSTRING	1	IQOSPRTY	P= PRIORITY IN DECIMAL
725	(2D5)	BITSTRING	3	IQOSPTY	P= PRIORITY IN CHAR
728	(2D8)	BITSTRING	8	IQOSPAGE	PG= PAGE COUNT IN CHAR
736	(2E0)	SIGNED	4	IQOSPGCT	PG= PAGE COUNT IN DEC
740	(2E4)	BITSTRING	8	IQOSPM	PM= PROCESS MODE
748	(2EC)	BITSTRING	4	IQOSQUE	Q= QUE TO SEARCH
752	(2F0)	SIGNED	2	IQOSSEQ	S= SET TO DEFAULT DD SEQUENCE NUM AT BEG
754	(2F2)	BITSTRING	8	IQOSSL	SL= SECLABL
762	(2FA)	BITSTRING	1	IQOSSS	SS= STACKER
763	(2FB)	BITSTRING	1		PADDING
764	(2FC)	BITSTRING	8	IQOSDG	DG= GROUP NAME 0299
772	(304)	BITSTRING	4	IQOSUCS	U= UCS ID
776	(308)	BITSTRING	8	IQOSWNAM	W= EXT WTR NAME
784	(310)	SIGNED	4	IQOSAGE	TEMP AREA FOR AGE CALCS
788	(314)	SIGNED	4	IQOSTOD	TARGET TOD VALUE
792	(318)	SIGNED	4	IQOSSCNT	DATA SETS SELECTED COUNT
796	(31C)	SIGNED	4	IQOSBDTS	BDT JOBS SELECTED COUNT
800	(320)	SIGNED	4	IQOSTCPS	TCP/IP jobs selected count
804	(324)	BITSTRING	4	IQOSOTBN	OB= OUTBIN ID 0146
808	(328)	CHARACTER	124	IQOSIPDR	IP= IPADDR
932	(3A4)	CHARACTER	6	IQOSPGDF	PD= Pagedef
938	(3AA)	CHARACTER	6	IQOSFRDF	FD= Formdef
944	(3B0)	CHARACTER	8	IQOSCJ	CJ= Client job name, client job id, "Y", "N", or "?"
952	(3B8)	CHARACTER	8	IQOSCJID	CJID= Client job id, "Y", or "N"
960	(3C0)	CHARACTER	8	IQOSCJNM	CJNM= Client job name
968	(3C8)	DBL WORD	8	IQOSOSTP	IATXOST resume point info 06357SUA
976	(3D0)	SIGNED	4	IQOSRSV1 (8)	Reserved for IBM 06357SUC

IATYIQOS Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				

THE FOLLOWING VALUES ARE FROM THE CHART IN THE POP UNDER THE SECTION "SETTING AND INSPECTING THE CLOCK". THEY REPRESENT VALUES FOR THE SYSTEM TOD CLOCK FOR VARIOUS TIME INTERVALS. THEY ARE ALL BASED ON A BASE DATE OF 1/1/1900.					

End of Comment					
1008	(3F0)	SIGNED	4	(0)	ALIGN ON FULLWORD
1008	(3F0)	BITSTRING	4	IQOSTODD	CLOCK UNITS/DAY
1012	(3F4)	BITSTRING	4	IQOSTODH	CLOCK UNITS/HOUR
1016	(3F8)	BITSTRING	8	IQOSTYPE (0)	TYPE FIELDS
1016	(3F8)	BITSTRING	3	IQOSGTYP	GT= GENERAL TYPE
1019	(3FB)	BITSTRING	5	IQOSSTYP	ST= SPECIFIC TYPE

IATXCNDB LIST FORM					

IATXCNDB MF=(L,IQOSXCDB) MACDATE -94/10/04-<3>					

End of Comment					

0	(0)	X'400'	0	M00M0005	"IQOSXCDB" ++ IATXCNDB NAME
1024	(400)	DBL WORD	8	IQOSXCDB (0)	++ IATXCNDB PARM LIST
1024	(400)	BITSTRING	1	IQOSXCDB_XVERSION	++ INPUT XVERSION
1025	(401)	CHARACTER	6	IQOSXCDB_XKEYCATCH	++ CONSTANT
1031	(407)	BITSTRING	2	IQOSXCDB_XFLAG1	++ FIELD_LABEL
1031	(407)	BITSTRING	0	IQOSXCDB_XOPERATION_INITIALIZE	"B'1000000000000000" ++ XOPERATION.INITIALIZE KEYWORD
1031	(407)	BITSTRING	0	IQOSXCDB_XOPERATION_TRANSFER	"B'0100000000000000" ++ XOPERATION.TRANSFER KEYWORD
1031	(407)	BITSTRING	0	IQOSXCDB_XOPERATION_UPDATE	"B'0010000000000000" ++ XOPERATION.UPDATE KEYWORD
1031	(407)	BITSTRING	0	IQOSXCDB_XOPERATION_RESET	"B'0001000000000000" ++ XOPERATION.RESET KEYWORD
1031	(407)	BITSTRING	0	IQOSXCDB_XOPERATION_VERIFY	"B'0000100000000000" ++ XOPERATION.VERIFY KEYWORD
1031	(407)	BITSTRING	0	IQOSXCDB_XOPERATION_TRANSCONSID	"B'0000010000000000" ++ XOPERATION.TRANSCONSID KEYWORD
1031	(407)	BITSTRING	0	IQOSXCDB_XOPERATION_TRANSROUT	"B'0000001000000000" ++ XOPERATION.TRANSROUT KEYWORD
1031	(407)	BITSTRING	0	IQOSXCDB_XOPERATION_EXTRACTCONSID	"B'0000000100000000" ++ XOPERATION.EXTRACTCONSID KEYWORD
		1...		IQOSXCDB_XOPERATION_EXTRACTCONSNAME	"B'0000000010000000" ++ XOPERATION.EXTRACTCONSNAME KEYWOR
		.1..		IQOSXCDB_XOPERATION_EXTRACTCONSTYPE	"B'0000000001000000" ++ XOPERATION.EXTRACTCONSTYPE KEYWOR

Offsets		Type/Value ..1.	Len	Name (Dim)	Description
Dec	Hex				
		...1		IQOSXCDB_XOPERATION_EXTRACTROUT	"B'0000000000100000" ++ XOPERATION.EXTRACTROUT KEYWORD
		..1.		IQOSXCDB_XOPERATION_EXTRACTCART	"B'0000000000100000" ++ XOPERATION.EXTRACTCART KEYWORD
1033	(409)	BITSTRING	1	IQOSXCDB_XABEND	++ INPUT
		1...		IQOSXCDB_XABEND_YES	"B'10000000" ++ XABEND.YES KEYWORD
		.1..		IQOSXCDB_XABEND_NO	"B'01000000" ++ XABEND.NO KEYWORD
1034	(40A)	BITSTRING	1	IQOSXCDB_XUSERADDR	++ FIELD_LABEL
1035	(40B)	CHARACTER	1	IQOSXCDB_XRSV001	++ RESERVED
1036	(40C)	ADDRESS	4	IQOSXCDB_XCNDB	++
1040	(410)	ADDRESS	4	IQOSXCDB_XOUTCNDB	++
1044	(414)	ADDRESS	4	IQOSXCDB_XINCNDB	++
1048	(418)	ADDRESS	4	IQOSXCDB_XCONSNM	++
1052	(41C)	ADDRESS	4	IQOSXCDB_XCONSID	++
1056	(420)	ADDRESS	4	IQOSXCDB_XOUTCONSID	++
1060	(424)	CHARACTER	2	IQOSXCDB_XRSV002	++ RESERVED
1062	(426)	BITSTRING	1	IQOSXCDB_XFLAG2	++ FIELD_LABEL
		1...		IQOSXCDB_XCMDIND_YES	"B'10000000" ++ XCMDIND.YES KEYWORD
		.1..		IQOSXCDB_XCMDIND_NO	"B'01000000" ++ XCMDIND.NO KEYWORD
1063	(427)	BITSTRING	1	IQOSXCDB_XKEYS	++ FIELD_LABEL
		1...		IQOSXCDB_KEYUSED_CMDIND	"B'10000000" ++ KEYUSED.CMDIND KEYWORD
1064	(428)	ADDRESS	4	IQOSXCDB_XROUT	++
1068	(42C)	ADDRESS	4	IQOSXCDB_XCART	++
1072	(430)	ADDRESS	4	IQOSXCDB_XOUTCONSNAME	++
1076	(434)	ADDRESS	4	IQOSXCDB_XOUTCONSTYPE	++
1080	(438)	ADDRESS	4	IQOSXCDB_XOUTROUT	++
1084	(43C)	ADDRESS	4	IQOSXCDB_XOUTCART	++
1084	(43C)	X'40'	0	IQOSXCDBL	"*-IQOSXCDB" ++ LENGTH OF PLIST
Comment					
IATXCNDB-3					
End of Comment					
1088	(440)	BITSTRING	1	IQOSXCTP	XCNDB EXTRACTED CONSOLE TYPE

IATYIQOS Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Comment					
----- IATXCSIF LIST FORM -----					
----- IATXCSIF MF=(L,IQXCSIF) GENERATE LIST FORM MACDATE -94/03/21-<0> -----					
----- End of Comment					
0	(0)	X'448'	0	M00M0008	"IQXCSIF" ++ IATXCSIF NAME
1096	(448)	DBL WORD	8	IQXCSIF (0)	++ IATXCSIF PARM LIST
1096	(448)	BITSTRING	1	IQXCSIF_XVERSION	++ INPUT XVERSION
1097	(449)	CHARACTER	6	IQXCSIF_XEYECATCH	++ CONSTANT
1103	(44F)	CHARACTER	1	IQXCSIF_XRSV0001	++ RESERVED
1104	(450)	ADDRESS	4	IQXCSIF_XPARMLIST	++
1104	(450)	X'C'	0	IQXCSIFL	**-'IQXCSIF' ++ LENGTH OF PLIST
----- Comment					
----- IATXCSIF-0 -----					
----- IATXCSIF PARMLIST -----					
----- End of Comment					
1108	(454)	SIGNED	4	IQOSXCSP (0)	XCSIF PARMLIST AREA
1108	(454)	ADDRESS	4	IQOSXCSP	WORD 1: ADDRESS OF CONSOLE ...NAME AREA
1112	(458)	ADDRESS	4	IQOSXCSC	WORD 2: ADDRESS OF OUTPUT ...CNDB AREA
----- Comment					
----- MESSAGE WORK AREA -----					
----- \$T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0 -----					
----- End of Comment					
1116	(45C)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
1116	(45C)	ADDRESS	4	IQOSOUTM	Text Address
1120	(460)	BITSTRING	2		Destination Disp and Mask
1122	(462)	BITSTRING	1		ACTION flag
1123	(463)	ADDRESS	1		Options Flag
1124	(464)	BITSTRING	2		Descriptor Codes
1126	(466)	SIGNED	2		Reserved 2 Bytes
1128	(468)	BITSTRING	17		Routing Codes
1145	(479)	BITSTRING	1	(3)	Reserved
1148	(47C)	BITSTRING	1	(8)	Jobid
1156	(484)	BITSTRING	1	(8)	Jobname
1164	(48C)	BITSTRING	1	(8)	Key
1172	(494)	ADDRESS	4		CNDB Address 1
1176	(498)	ADDRESS	4		CNDB Address 2
1180	(49C)	ADDRESS	4		CNDB Address 3
1184	(4A0)	ADDRESS	4		CNDB Address 4
1188	(4A4)	ADDRESS	4		CNDB Address 5
1192	(4A8)	ADDRESS	4		MLWO Address
1196	(4AC)	BITSTRING	1	IQOSOMSG (98)	OUTPUT MESSAGE AREA
1196	(4AC)	X'262'	0	IQOSLMSG	"610" LENGTH OF MESSAGE AREA
1806	(70E)	CHARACTER	20	IQOSMGTT	SAVE AREA FOR VARIABLE 0399 PORTION OF MESSAGE IAT8121
1826	(722)	BITSTRING	1	IQOSFLG1	FLAG BYTE

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- DEFINITION OF IQOSFLG1 -----					
End of Comment					
		1... ..		IQOSCNTF	"X'80" N= HAS BEEN SPECIFIED
		.1.		IQOSERIN	"X'40" ERROR ON INPUT COMMAND
		..1.		IQOSEND	"X'20" TERMINAL ERROR ON INPUT CMD
		...1		IQOSDDS	"X'10" S= HAS BEEN SPECIFIED
		.... 1..		IQOSREQ	"X'08" REQ= HAS BEEN SPECIFIED
		.... .1..		IQOSREQA	"X'04" 'REQ=ALL' SPECIFIED
		.... ..1.		IQOSERRR	"X'02" INDICATE FIRST RETRY ATTEMPT
		.... ...1		IQOSJOBFB	"X'01" INDICATE JOB FOUND
1827	(723)	BITSTRING	1	IQOSFLG2	FLAG BYTE
Comment					
----- DEFINITION OF IQOSFLG2 -----					
End of Comment					
		1... ..		IQOSPCH	"X'80" CH=(
		.1.		IQOSLOST	"X'40" DQE NOT BUILT
		..1.		IQOSELK	"X'20" OSE LOCK (RQOSELK) HELD
		...1		IQOSJCTR	"X'10" JCT READ IN PROGRESS
		.... 1..		IQOSSUM	"X'08" SUMMARY MESSAGE ONLY
		.... .1..		IQOSHLDD	"X'04" DD= OR DSN= REQUIRED TO ACCESS OSE FOR HOLD TYPES
		.... ..1.		IQOSJDBS	"X'02" CALL TO IATIQOM AS A RESULT OF A BUSY RETURN FROM JDSGET MACRO
		.... ...1		IQOSMHLDD	"X'01" H= PARMS Y OR N IN PARENS 0043
1828	(724)	BITSTRING	1	IQOSFLG3	FLAG BYTE
Comment					
----- DEFINITION OF IQOSFLG3 -----					
End of Comment					
		1... ..		IQOSWTR	"X'80" SELECT WRITER QUEUE Q=WTR
		.1.		IQOSHLD	"X'40" SELECT HOLD QUEUE Q=HOLD
		..1.		IQOSBDT	"X'20" SELECT BDT QUEUE Q=BDT
		...1		IQOSTCP	"X'10" Select TCP queue Q=TCP
1828	(724)	X'F0'	0	IQOSQVAL	"IQOSWTR+IQOSHLD+IQOSBDT+IQOSTCP" Valid queue selection bits
1829	(725)	BITSTRING	1	IQOSFLG4	FLAG BYTE FOUR
Comment					
----- DEFINITION OF IQOSFLG4 -----					
End of Comment					
		1... ..		IQOSNAVL	"X'80" NAVAIL RETURN FROM JDSGET
		.1.		IQOSDNUM	"X'40" DSN=...DSNUMBER WAS GIVEN
		..1.		IQOSMEND	"X'20" INDICATES LAST SEGMENT OF MESSAGE PROCESSED
		...1		IQOSPREN	"X'10" PARENTHESIS USED IN KEYWORD PARAMETER AREA

IATYIQOS Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... 1...		IQOSOBV	"X'08" OUTBIN ID SPECIFIED ON 0146 *I U COMMAND 0146
		.... .111		IQOSF43F	"X'07" RESERVED FOR SERVICE 0146
1830	(726)	CHARACTER	8	IQOSEJNM	Error job name
1838	(72E)	CHARACTER	8	IQOSEJID	Error job id
1848	(738)	SIGNED	4	IQOSRSVD	Reserved for IBM
1852	(73C)	SIGNED	4	IQOSBFN4	Sequence number of current OSE
1856	(740)	BITSTRING	1	IQOSFLG5	FLAG FIVE
Comment					
----- DEFINITION OF IQOSFLG5 -----					
End of Comment					
		1...		IQOSLNMI	"X'80" Lines minus option
		.1.		IQOSPGMI	"X'40" Pages minus option
		..1.		IQOSBYMI	"X'20" Bytes minus option
		...1		IQOSSPIP	"X'10" Specific IPADDR on input
		.... 1...		IQOSBJS	"X'08" BJ= SPECIFIED
		.... .1..		IQOSDSD	"X'04" DD= OR DSN= REQUIRED WHEN SECONDARY DESTINATION INFORMATION IS REQUESTED
		.... ..1.		IQOSJOB0	"X'02" JOB 0 COUNTED IN SUMMARY
		.... ...1		IQOSSWBR	"X'01" SWB has been read in
1857	(741)	BITSTRING	1	IQOSFLG6	FLAG SIX
Comment					
----- DEFINITION OF IQOSFLG6 -----					
End of Comment					
		1...		IQOSAPCY	"X'80" APPC=Y WAS CODED
		.1.		IQOSAPCN	"X'40" APPC=N WAS CODED
		..1.		IQOSAPCT	"X'20" APPC=TPNAME WAS CODED
		...1		IQOSAPCI	"X'10" APPC=TPID WAS CODED
		.... 1...		IQOSAPCQ	"X'08" APPC=? WAS CODED
		.... .1..		IQOSAPCD	"X'04" DD= OR DSN= WAS CODED
1858	(742)	BITSTRING	1	IQOSFLG7	Flag seven
Comment					
----- Definition of IQOSFLG7 -----					
End of Comment					
		1...		IQOSCJY	"X'80" CJ=Y was coded
		.1.		IQOSCJN	"X'40" CJ=N was coded
		..1.		IQOSCJQ	"X'20" CJ=? was specified
		...1		IQOSCJS	"X'10" Specific CJ was coded
		.... 1...		IQOSCJIY	"X'08" CJID=Y was coded
		.... .1..		IQOSCJIN	"X'04" CJID=N was coded
		.... ..1.		IQOSCJIS	"X'02" Specific CJID was coded
		.... ...1		IQOSCJNS	"X'01" Specific CJNM was coded
1859	(743)	BITSTRING	1	IQOSFLG8	Flag eight

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- Definition of IQOSFLG8 -----					
End of Comment					
		1... ..		IQOSRDER	"X'80" JESREAD error
		.1.. ..		IQOSF840	"X'40" Reserved for IBM
		..1.		IQOSF820	"X'20" Reserved for IBM
		...1		IQOSF810	"X'10" Reserved for IBM
		.... 1..		IQOSF808	"X'08" Reserved for IBM
		.... .1..		IQOSF804	"X'04" Reserved for IBM
		.... ..1.		IQOSF802	"X'02" Reserved for IBM
		.... ...1		IQOSF801	"X'01" Reserved for IBM
1860	(744)	BITSTRING	2	IQOSRSV2	Reserved for IBM
Comment					
DATA QUEUE ELEMENT (DQE) THE DATA QUEUE ELEMENT (DQE) REPRESENTS WHAT INFORMATION WILL BE DISPLAYED IN MESSAGE IAT8131. MODULE IATYIQOI REQUIRES THAT THE FIRST FIELD IN THE DQE BE IQOSQCHN.					
End of Comment					
1864	(748)	SIGNED	4	IQOSQST1 (0)	ALIGNMENT
1864	(748)	SIGNED	4	IQOSQCHN	CHAIN FIELD (MUST BE FIRST)
1868	(74C)	CHARACTER	4	IQOSQID	DATA QUEUE IDENTIFIER
1872	(750)	SIGNED	4	IQOSQLNS	L= LINE COUNT
1876	(754)	SIGNED	4	IQOSQPGS	PG= PAGE COUNT
1880	(758)	SIGNED	4	IQOSQRCD	SR= SPOOL RECORD COUNT
1884	(75C)	SIGNED	4	IQOSQBYT	BY= Byte count
1888	(760)	BITSTRING	1	IQOSQST2 (0)	
1888	(760)	BITSTRING	4	IQOSQCH (4)	CH= CHARS
1904	(770)	BITSTRING	24	IQOSQDDN	DD= DDNAME (WO/DOTS)
1928	(788)	BITSTRING	40	IQOSQDSN (0)	DSN= DSNAM (WO/DOTS)
1928	(788)	BITSTRING	8	IQOSQDSU	USERID (FROM RQ)
1936	(790)	BITSTRING	8	IQOSQDSE	JOB NAME (FROM RQ)
1944	(798)	BITSTRING	8	IQOSQDSJ	JOBNUM (FROM RQ)
1952	(7A0)	BITSTRING	8	IQOSQDSD	DSNUM (FROM JDS)
1960	(7A8)	BITSTRING	8	IQOSQDSM	DSNAME (FROM JDS)
1968	(7B0)	BITSTRING	8	IQOSQBG	BG= BDT GROUP IDENTIFIER
1976	(7B8)	BITSTRING	8	IQOSQBS	BS= BDT STATUS
1984	(7C0)	BITSTRING	8	IQOSQBT	BT= BDT TYPE
1992	(7C8)	BITSTRING	8	IQOSQBJ	BJ= BDT JOB NUMBER
2000	(7D0)	CHARACTER	8	IQOSQTG	TG= TCP group ident
2008	(7D8)	CHARACTER	8	IQOSQTS	TS= TCP status
2016	(7E0)	CHARACTER	8	IQOSQTT	TT= TCP type
2024	(7E8)	BITSTRING	8	IQOSQCTP	C= CARRIAGE TAPE/FCB
2032	(7F0)	BITSTRING	8	IQOSQDST	D= DESTINATION
2040	(7F8)	BITSTRING	8	IQOSQSDT	SECONDARY DEST D003
2048	(800)	BITSTRING	8	IQOSQDSI	DSID= DSID
2056	(808)	BITSTRING	8	IQOSQFRM	F= FORMS
2064	(810)	BITSTRING	8	IQOSQUID	ID= USER ID
2072	(818)	BITSTRING	8	IQOSQNAM	J= JOB NAME
2080	(820)	BITSTRING	8	IQOSQPM	PM= PROCESS MODE
2088	(828)	BITSTRING	8	IQOSQTYP	GT=/ST= DEVICE TYPE
2096	(830)	BITSTRING	8	IQOSQDG	DG= DEVICE GROUP 0299
2104	(838)	BITSTRING	8	IQOSQWNM	W= EXTERNAL WRITER NAME
2112	(840)	BITSTRING	4	IQOSQFL	FL= FLASH
2116	(844)	BITSTRING	4	IQOSQUCS	U= UCS ID
2120	(848)	BITSTRING	4	IQOSQCM	CM= COPY MODIFICATION
2120	(848)	X'84C'	0	IQOSQRC	"IQOSQCM+4,1,X'00" REFERENCE CHARACTER

IATYIQOS Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
2125	(84D)	CHARACTER	1	IQOSQCLS	CL= SYSOUT CLASS
2126	(84E)	BITSTRING	1	IQOSQCPY	COPY= COPY COUNT
2127	(84F)	BITSTRING	1	IQOSQHLD	H= HOLD STATUS
2128	(850)	BITSTRING	1	IQOSQHTP	HOLD TYPE FOR DQE
2129	(851)	BITSTRING	2	IQOSQRSV	RESERVED FOR DEVELOPMENT
2131	(853)	BITSTRING	1	IQOSQRSN	REASON FOR HOLD FOR DQE
2132	(854)	BITSTRING	8	IQOSQMID	FSS/FSA RELDS MESSAGE ID D011
2140	(85C)	SIGNED	2	IQOSQSEQ	S= DDNAME SEQUENCE NUMBER
2142	(85E)	BITSTRING	8	IQOSQSL	SL= SECLABL
2150	(866)	BITSTRING	1	IQOSQSS	SS= STACKER
2151	(867)	ADDRESS	1	IQOSQPTY	P= PRIORITY
2152	(868)	SIGNED	4	IQOSQNUM	J= Job number
2156	(86C)	BITSTRING	8	IQOSQCLK (0)	
2156	(86C)	SIGNED	4	IQOSQAGD	AGE= AGE IN DAYS
2160	(870)	SIGNED	4	IQOSQAGH	AGE= AGE IN HOURS
2164	(874)	CHARACTER	8	IQOSQAPT	APPC= TPNAME D014
2172	(87C)	CHARACTER	8	IQOSQAPI	APPC= TPID
2180	(884)	BITSTRING	4	IQOSQOTB	OB= OUTBIN ID 0146
2184	(888)	CHARACTER	124	IQOSQIPA	IP= IPADDR
2308	(904)	CHARACTER	6	IQOSQPGD	PD= Pagedef
2314	(90A)	CHARACTER	6	IQOSQFRD	FD= Formdef
2320	(910)	CHARACTER	8	IQOSQCJI	CJ= Client job id
2328	(918)	CHARACTER	8	IQOSQCJN	CJ= Client job name
2336	(920)	BITSTRING	1	IQOSQFLG	QUEUE FLAG BYTE
		1...		IQOSQPTF	"X'80" PRIORITY FIELD VALID
		.1..		IQOSQCNT	"X'40" LINE/PAGE COUNT VALID
		..1.		IQOSQNOD	"X'20" NO ENTRIES ARE DUPLICATE
		...1		IQOSQNDD	"X'10" NO DDN'S- JDS BUSY
		.... 1...		IQOSQSEP	"X'08" OSE QUEUED SEPARATELY
		.... .1..		IQOSQOSE	"X'04" OSE FOUND FOR REQ=?
		.... ..1.		IQOSQAGE	"X'02" DATA SET AGET EXISTS
		.... ...1		IQOSQAPC	"X'01" APPC SHOULD BE DISPLAYED
2337	(921)	BITSTRING	1	IQOSQFL2	QUEUE FLAG BYTE D014
		1...		IQOSQSKP	"X'80" SKIP THIS DQE D014
		.1..		IQOSQOTS	"X'40" OUTBIN ID FOUND IN OSE 0146
		..1.		IQOSQCJ	"X'20" CJ should be displayed
2340	(924)	SIGNED	4	IQOSQND (0)	
1864	(748)	BITSTRING	0	IQOSQ (0)	
1888	(760)	BITSTRING	0	IQOSQDTA (0)	

Comment

IATYEQJ JES3 STANDARD EQUATES JES3 STANDARD EQUATES

01 Change Activity:

\$TA= z2.1.0 HJS7790 110523 PD0PK: z 2.1.0

GENERAL EQUATES

End of Comment

2340	(924)	X'0'	0	NOP	"0" NO OPERATION
2340	(924)	X'F'	0	ALWAYS	"15" Unconditional branch 0084
		1111 1111		FF	"X'FF" ALL BITS ON
2340	(924)	X'F0'	0	CHARZERO	"C'0" CHARACTER ZERO
2340	(924)	X'F9'	0	CHARNINE	"C'9" CHARACTER NINE
2340	(924)	X'C1'	0	CHARA	"C'A" CHARACTER A
2340	(924)	X'C6'	0	CHARF	"C'F" CHARACTER F
2340	(924)	X'6B'	0	CHARCMMMA	"C','" CHARACTER COMMA

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- AFTER COMPARE INSTRUCTIONS -----					
End of Comment					
2340	(924)	X'2'	0	GT	"2" A HIGH
2340	(924)	X'4'	0	LT	"4" A LOW
2340	(924)	X'7'	0	NE	"7" A NOT EQUAL B
2340	(924)	X'8'	0	EQ	"8" A EQUAL B
2340	(924)	X'B'	0	GE	"11" A NOT LOW
2340	(924)	X'D'	0	LE	"13" A NOT HIGH
Comment					
----- AFTER LOGICAL INSTRUCTIONS -----					
End of Comment					
2340	(924)	X'1'	0	NZNBORROW	"1" Not zero, no borrow
2340	(924)	X'1'	0	NZCARRY	"1" Not zero, carry
2340	(924)	X'4'	0	NZBORROW	"4" Not zero, borrow
2340	(924)	X'4'	0	NZNCARRY	"4" Not zero, no carry
2340	(924)	X'5'	0	LNZERO	"5" Not zero
2340	(924)	X'2'	0	ZNBORROW	"2" Zero, no borrow
2340	(924)	X'2'	0	ZCARRY	"2" Zero, carry
2340	(924)	X'8'	0	ZBORROW	"8" Zero, borrow
2340	(924)	X'8'	0	ZNCARRY	"8" Zero, no carry
2340	(924)	X'A'	0	LZERO	"10" Zero
2340	(924)	X'C'	0	BORROW	"12" Borrow
2340	(924)	X'3'	0	NOBORROW	"3" No borrow
2340	(924)	X'3'	0	CARRY	"3" Carry
2340	(924)	X'C'	0	NOCARRY	"12" No carry
Comment					
----- AFTER ARITHMETIC INSTRUCTIONS -----					
End of Comment					
2340	(924)	X'1'	0	OV	"1" OVERFLOW
2340	(924)	X'2'	0	PLUS	"2" PLUS
2340	(924)	X'4'	0	MINUS	"4" MINUS
2340	(924)	X'7'	0	NZERO	"7" NOT ZERO
2340	(924)	X'8'	0	ZERO	"8" ZERO
2340	(924)	X'8'	0	ZEROS	"8" ZERO
2340	(924)	X'B'	0	NMINUS	"11" NOT MINUS
2340	(924)	X'E'	0	NOV	"14" NOT OVERFLOW
2340	(924)	X'D'	0	NPLUS	"13" NOT PLUS
Comment					
----- AFTER TEST UNDER MASK INSTRUCTIONS -----					
End of Comment					
2340	(924)	X'1'	0	ALLON	"1" ALL ON
2340	(924)	X'4'	0	MIXED	"4" MIXED
2340	(924)	X'5'	0	NALLOFF	"5" ALLON+MIXED
2340	(924)	X'8'	0	ALLOFF	"8" ALL OFF

IATYIQOS Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
2340	(924)	X'C'	0	NALLON	"12" ALLOFF+MIXED
Comment					

AFTER TEST AND SET INSTRUCTION					

End of Comment					
2340	(924)	X'4'	0	LOCKED	"4" ONE I.E. LOCKED
2340	(924)	X'8'	0	UNLOCKED	"8" ZERO I.E. UNLOCKED
Comment					

AFTER LOAD REAL ADDRESS INSTRUCTION.					

End of Comment					
2340	(924)	X'8'	0	INREAL	"8" PAGE IS IN REAL STORAGE
2340	(924)	X'7'	0	NOTIREAL	"7" PAGE NOT IN REAL STORAGE
2340	(924)	X'4'	0	SEGTBINV	"4" SEGMENT TABLE ENTRY INVALID
2340	(924)	X'2'	0	PAGTBINV	"2" PAGE TABLE ENTRY INVALID
2340	(924)	X'1'	0	LENTHINV	"1" LENGTH INVALID
Comment					

AFTER TEST PROTECTION INSTRUCTION.					

End of Comment					
2340	(924)	X'E'	0	NTRANSNA	"14" NOT Translation not available
2340	(924)	X'D'	0	NNOACCESS	"13" NOT (Fetching not permitted; Storing not permitted)
2340	(924)	X'B'	0	NPAGPRTD	"11" NOT (Fetching permitted; Storing not permitted)
2340	(924)	X'8'	0	ALLACC	"8" Fetching permitted; Storing permitted
2340	(924)	X'7'	0	NALLACC	"7" NOT (Fetching permitted; Storing permitted)
2340	(924)	X'4'	0	PAGPRTD	"4" Fetching permitted; Storing not permitted
2340	(924)	X'2'	0	NOACCESS	"2" Fetching not permitted; Storing not permitted
2340	(924)	X'1'	0	TRANSNA	"1" Translation not available
Comment					

SYMBOLS USED FOR ACCESS REGISTER MODE					

End of Comment					
2340	(924)	X'200'	0	ARMODON	"512" TURN ACCESS REGISTER MODE ON
2340	(924)	X'0'	0	ARMODOFF	"0" TURN ACCESS REGISTER MODE OFF
Comment					

Data Space Related Equates					

End of Comment					
		.... ..		DSPCMXSZ	"X'80000000" Maximum data space size (2 Gigabytes)

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- JES3 SYSTEM LIMITS -----					
End of Comment					
2340	(924)	X'20'	0	J3MAXMP	"32" MAXIMUM NUMBER OF MAIN PROCESSORS IN A SINGLE JES3 COMPLEX
Comment					
TRACE TABLE SIZES ARE SPECIFIED IN BYTES					
End of Comment					
2340	(924)	X'21000'	0	J3TRCSZ	"135168" SIZE OF EVENT TRACE TABLE
2340	(924)	BITSTRING	0	J3NUCTRC	"X'30000" Size of Nuc path trace table
2340	(924)	X'F018'	0	J3AUXTRC	"61464" SIZE OF AUX PATH TRACE TABLE
2340	(924)	X'3FF'	0	J3TRCMAX	"1023" MAXIMUM SIZE OF USER DATA IN A TRACE ENTRY, IN WORDS
2340	(924)	X'F423F'	0	MAXIMUM_JOB_NUMBER_ALLOWED	"999999" This is the largest job number allowed in the system.
2340	(924)	X'FFFE'	0	MAXIMUM_COMPATIBLE_JOB	"65534" This is the largest job number containable in two bytes and therefore fallback-compatible with a release not supporting job numbers greater than 65534.
2340	(924)	X'FFFF'	0	ACTIVE_LIMIT	"65535" This is the largest number of JES managed or WLM managed jobs that can be concurrently active on a single main.
2340	(924)	X'7FFF'	0	MAXIMUM_JOBS_IN_DJC_NET	"32767" This is the maximum number of jobs that a single DJC net can contain.
2340	(924)	BITSTRING	0	MAX_OSE_SEQ	"X'7FFFFFFF" Maximum OSE sequence number
2340	(924)	BITSTRING	0	MAX_SRF_SEQ	"X'FFFF" Maximum value of SRFCNT after OW55574. This is also the maximum OSE sequence number before the introduction of the OSECNT4 field in HJS7740, 07369SZA or when compatibility 07369SZA with older releases is 07369SZA being enforced. 07369SZA
2340	(924)	BITSTRING	0	MAX_OSE_SEQ_DYNAL	"X'7FFFFFFF80" Maximum value of OSECNT4 for which new SYSOUT data sets may be dynamically allocated. If a dynamic allocation is attempted when a job has OSE sequence numbers greater than this value, an abend S1FB-6E is issued.
2340	(924)	BITSTRING	0	MAX_OSE_OLD_DYNAL	"X'FFF0" Maximum OSE sequence number 07369SZA for new dynamic alloca- 07369SZA tions when compatibility 07369SZA with older releases is 07369SZA being enforced. 07369SZA
Comment					
<p>The following equates are all used for decisions and actions related to job limits, but specifically are used for different purposes.</p>					
End of Comment					
2340	(924)	BITSTRING	0	MAXIMUM_JOB_NUMBER_MASK	"X'FFFF" This mask is used to clear the high order bytes from a word after placing a compatible job number into the low order bytes using an ICM with a mask of B'0011'.

IATYIQOS Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
2340	(924)	X'FFFF'	0	SPECIAL_JOB_XFFFF	"65535" As a compatible job number, indicates that the job number lives in a four byte field.
2340	(924)	X'F423F'	0	UNLIMITED_DSP_COUNT	"999999" As a DSP count this value indicates an "unlimited" count.
2340	(924)	BITSTRING	0	UNLIMITED_JOB_COUNT	"X'FFFFFFFF'" As a job count this value indicates an "unlimited" count such as a display count on certain commands with N=ALL.
2340	(924)	X'FFFF'	0	UNLIMITED_JOB_COUNT2	"65535" Same as UNLIMITED_JOB_COUNT except that it is for fields that must remain 2 bytes.
2340	(924)	X'10'	0	JOB_NUMBER_SHIFT	"16" To load a compatible job number into the low order bytes of a fullword and clear the other bytes, it is possible to ICM the job number with a mask of B'1100' and then shift it to the right using this equate. This must be done instead of clearing the target register before the ICM in cases where the target register is also a base address; e.g.: ICM R2,B'1100',xx(R2).

Comment

 SYMBOLS USED TO SET OR CLEAR A HIGH ORDER BIT

End of Comment

2340	(924) BITSTRING	0	EQUHOBON EQUHOBOF	"X'80000000" HIGH ORDER BIT ON "X'7FFFFFFF" HIGH ORDER BIT OFF
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Comment

 SYMBOLS USED FOR SECURITY

End of Comment

2340	(924)	X'50'	0	SECTKNLN	"80" CURRENT LENGTH OF SECURITY TOKEN
2340	(924)	X'50'	0	TKNMAPLN	"80" CURRENT LENGTH OF THE MAPPED TOKEN RETURNED FROM TOKNMAP
2340	(924)	X'F0'	0	SAFMSGSP	"240" SUBPOOL USED FOR MESSAGES 0063 RETURNED BY SAF AND USER EXITS 58 + 59
2340	(924)	X'F0'	0	SAFEXTSP	"240" SUBPOOL USED FOR RETURNING EXTRACTED INFORMATION FROM THE SECURITY PRODUCT

Comment

 Subpool shared between the IATINTK and IATNUC tasks. Storage that needs to be obtained by one task and freed by the other task should be obtained in this subpool. Subpool zero cannot be used since subpool zero is not shared between these tasks.

End of Comment

2340	(924)	X'9'	0	INTK_SHARED_SUBPOOL	"9" Shared subpool
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Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Functional equates for the PLO instruction. -----					
End of Comment					
2340	(924)	X'0'	0	PLO_CL	"0" Compare and Load, 32 bit
2340	(924)	X'1'	0	PLO_CLG	"1" Same, 64 bit
2340	(924)	X'2'	0	PLO_CLGR	"2" Same, 64 bit, some operands in registers
2340	(924)	X'3'	0	PLO_CLX	"3" Same, 128 bit
2340	(924)	X'4'	0	PLO_CS	"4" Compare and Swap, 32 bit
2340	(924)	X'5'	0	PLO_CSG	"5" Same, 64 bit
2340	(924)	X'6'	0	PLO_CSGR	"6" Same, 64 bit, some operands in registers
2340	(924)	X'7'	0	PLO_CSX	"7" Same, 128 bit
2340	(924)	X'8'	0	PLO_DCS	"8" Double Compare and Swap, 32 bit
2340	(924)	X'9'	0	PLO_DCSG	"9" Same, 64 bit
2340	(924)	X'A'	0	PLO_DCSGR	"10" Same, 64 bit, some operands in registers
2340	(924)	X'B'	0	PLO_DCSX	"11" Same, 128 bit
2340	(924)	X'C'	0	PLO_CSST	"12" Compare and Swap and Store, 32 bit
2340	(924)	X'D'	0	PLO_CSSTG	"13" Same, 64 bit
2340	(924)	X'E'	0	PLO_CSSTGR	"14" Same, 64 bit, some operands in registers
2340	(924)	X'F'	0	PLO_CSSTX	"15" Same, 128 bit
2340	(924)	X'10'	0	PLO_CSDST	"16" Compare and Swap and Double Store, 32 bit
2340	(924)	X'11'	0	PLO_CSDSTG	"17" Same, 64 bit
2340	(924)	X'12'	0	PLO_CSDSTGR	"18" Same, 64 bit, some operands in registers
2340	(924)	X'13'	0	PLO_CSDSTX	"19" Same, 128 bit
2340	(924)	X'14'	0	PLO_CSTST	"20" Compare and Swap and Triple Store, 32 bit
2340	(924)	X'15'	0	PLO_CSTSTG	"21" Same, 64 bit
2340	(924)	X'16'	0	PLO_CSTSTGR	"22" Same, 64 bit, some operands in registers
2340	(924)	X'17'	0	PLO_CSTSTX	"23" Same, 128 bit
----- OUTPUT SELECT PARAMETERS 01 Change Activity: \$S5=SDSFASST HJS7760 080810 RD0RJ: z 1.11.0 -----					
End of Comment					
2340	(924)	SIGNED	4	WSPSTART (0)	
2340	(924)	SIGNED	2	WSPTEJBC	Compatible with WSPTEJBI - see IATXJBNO macro
2342	(926)	CHARACTER	8	WSPTEUID	USER ID (SYSOUT)
2342	(926)	X'926'	0	WSPJOBID	"WSPTEUID" JOB ID (SYSOUT)
2340	(924)	ADDRESS	4	WSPCHAIN	WAIT FOR WORK CHAIN FIELD
2340	(924)	X'924'	0	WSPRECRD	"WSPCHAIN" TOTAL RECORDS PENDING JOB
2344	(928)	ADDRESS	4	WSPAECF	ECF ADDRESS, NEW WORK
2348	(92C)	BITSTRING	1	WSPMASK	ECF MASK FIELD, NEW WORK
2349	(92D)	BITSTRING	1	WSPHCNT	COUNT OF OUTSERV FCT'S 0370 WAITING TO PROCESS THIS 0370 HOT WRITER 0370
2350	(92E)	BITSTRING	1	WSPFLAG	FLAG BYTE
----- DEFINITION OF WSPFLAG -----					
End of Comment					
		1...		WSPSELK	"X'80" RQ OSE LOCK HELD
		.1.		WSPSSREQ	"X'40" SUBSYSTEM REQUEST
		..1.		WSPSYSRQ	"X'20" PROCESS SYSOUT REQUEST
		...1		WSPDEL	"X'10" DELETE REQUEST
		.... 1...		WSPREL	"X'08" RELEASE REQUEST
		.... .1..		WSPPUT	"X'04" PUT REQUEST

IATYIQOS Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... ..1.		WSPGET	"X'02" GET REQUEST
		.... ...1		WSPSCHED	"X'01" SCHEDULE REQUEST
Comment					

 THE FOLLOWING FLAGS ARE DOUBLE DEFINED. THEY ARE ONLY USED BY IATOSPC FOR PROCESS SYSOUT REQUESTS. THE FLAGS THEY ARE EQUATED TO ARE USED BY IATOSSC AND IATOSWS FOR OUTPUT SERVICE REQUESTS.

End of Comment					
2350	(92E)	X'10'	0	WSPFIRRQ	"WSPDEL" FIRST SYSOUT PSO REQUEST
2350	(92E)	X'8'	0	WSPKRET	"WSPREL" REQUEST ENDED SUCCESSFULLY
2350	(92E)	X'1'	0	WSPRQCMP	"WSPSCHED" REQUEST IS COMPLETE
2351	(92F)	BITSTRING	1	WSPFLG1	FLAG BYTE 1

Comment					
DEFINITION OF WSPFLG1					
WSPPEND (Writer) and WSPTSO (PSO) doubly defined					
WSPCKPRQ (PSO) and WSPSAFFL (OUTSERV) doubly defined					

End of Comment					
		1...		WSPCKPT	"X'80" CHECKPOINT DATA SET FOUND
		.1..		WSPCMPL	"X'40" THIS JOB IS COMPLETE
		..1.		WSPPOSTD	"X'20" WRITER POSTED
		...1		WSPSTRTD	"X'10" WRITER STARTED
		.... 1...		WSPPEND	"X'08" PENDING ENTRY FOUND
2351	(92F)	X'8'	0	WSPTSO	"WSPPEND" TSO REQUEST FOR PSO WSP
		.... .1..		WSPCHNGE	"X'04" CHANGE FOUND
		.... ..1.		WSPFAILD	"X'02" FAILURE HAS OCCURED.
		.... ...1		WSPCKPRQ	"X'01" CHECKPOINT REQUIRED
2351	(92F)	X'1'	0	WSPSAFFL	"WSPCKPRQ" SAF call failed during wait queue search
2352	(930)	SIGNED	4	(0)	WORD ALIGNMENT 3429

Comment					
The fields WSPPOSTJC and WSPFDBT are doubly defined. WSPPOSTJC, in conjunction with WSPPOSTJI, is used only for hot writer wait queue processing.					

End of Comment					
2352	(930)	SIGNED	2	WSPPOSTJC	Compatible with WSPPOSTJI - see IATXJBNO macro

Comment					
WSPFDBT is used in conjunction with WSPFDBTB to hold the OSE FDB and previous sequence number (unlike most similar fields, these two are not consecutive).					

End of Comment					
2352	(930)	BITSTRING	12	WSPFDBT	Temporary OSE
2364	(93C)	SIGNED	2	WSPRSVS6	Reserved for IBM
2366	(93E)	SIGNED	2	WSPLEN	Length of WSP
2368	(940)	BITSTRING	6	WSPJDS	JDS SPOOL ADDRESS SAVE AREA
2374	(946)	BITSTRING	1	WSPFLG8	FLAG BYTE 8

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- DEFINITION OF WSPFLG8 (CLEARED UPON ENTRY TO IATOSPC) -----					
End of Comment					
		1... ..		WSPRQACC	"X'80" SET WHEN RQ ACCESS OBTAINED BY THE IATXARQ MACRO, RESET WHEN RQ ACCESS IS RELEASED
		.1.. ..		WSPBDTRQ	"X'40" PSO REQUEST IS FROM BDT
		..1. ..		WSPNJERT	"X'20" PSO REQUEST IS FROM REROUTE
		...1 ...		WSPNJERD	"X'10" PSO REQUEST IS FROM NJERDR
		... 1..		WSPRQPRM	"X'08" PARM RQ SUPPLIED ON INPUT
		.... .1..		WSPJBFND	"X'04" OSS/MOSE INDICATES WORK EXISTS
		.... ..1.		WSPHWWQP	"X'02" Set when Hot Writer Wait Queue post occurred
		.... ...1		WSP8RSV3	"X'01" RESERVED FOR SERVICE
2375	(947)	BITSTRING	1	WSPOSPC	IATOSPC ERROR REASON CODE

----- DEFINITION OF OSPC ERROR REASON CODE -----					
End of Comment					
		.... ....		WSPRCCL	"X'00" NO ERROR CODE ASSOCIATED
		.... ...1		WSPRCJOB	"X'01" BAD JOB NAME/NUMBER/RSQ
		.... ..1.		WSPRCPSO	"X'02" INVALID USER OF PSO WITH GROUP ID SELECTION
		.... ..11		WSPRCRQ	"X'03" RSQ REQUIRED BUT IS MISSING
		.... .1..		WSPRCDAC	"X'04" JOB IS BEING DUMPED
		.... .1.1		WSPRCOUT	"X'05" NO OUTPUT
		.... .11.		WSPRCINV	"X'06" INVALID SEARCH ARGUMENT
		.... .111		WSPRCAWR	"X'07" AWRITE ERROR
		.... 1...		WSPRCDAT	"X'08" INVALID DATA
		1111 1111		WSPRCDMP	"X'FF" SEVERE ERROR - DUMP ALREADY GENERATED
2376	(948)	BITSTRING	12	WSPFDBSV	SAVE FDB FOR PREVIOUS OSE 7#
2388	(954)	SIGNED	4	WSPSSCWA	Work area for IATOSSC
2392	(958)	BITSTRING	14	WSPRSVS5	Reserved for IBM
2406	(966)	BITSTRING	2	WSPCKJBC	Compatible checkpoint jobid

----- DEFINITION OF WSPFLG9 -----					
End of Comment					
<p>WSPRSV01 uses the same area occupied by WSPCRJOB in releases prior to HJS7705. Do not use this area until HJS7703 and all lower releases are out of service.</p>					
2408	(968)	CHARACTER	2	WSPRSV01	' Reserved - do not use
2410	(96A)	BITSTRING	1	WSPFLG9	Flag byte 9

----- DEFINITION OF WSPFLG9 -----					
End of Comment					

IATYIQOS Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		1...		WSPXJMR	"X'80" IATXJMR issued - field WSPSAVE contains the data set entry pointer
		.1..		WSPQCHG	"X'40" Dataset is moving from hold queue to writer queue
		..1.		WSPDFDST	"X'20" Destination restored to default
		...1		WSPSRCHP	"X'10" OSES000 should search for previous OSE buffer if not provided
		.... 1...		WSPNDOPT	"X'08" Writer output pending 0089
		.... .1..		WSPENF58	"X'04" ENF58 DeSelect done
		.... ..1.		WSP4BOSE	"X'02" PSO processor supports four-byte OSE seq num
		.... ...1		WSP4BOSD	"X'01" PSO DSP supports four-byte OSE sequence number
2411	(96B)	BITSTRING	1	WSPFLG7	FLAG BYTE 7

Comment

 DEFINITION OF WSPFLG7
 (CLEARED UPON ENTRY TO IATOSPC)

End of Comment

		1...		WSPCDEST	"X'80" DEST CHANGED BY CLASS
		.1..		WSPUNSCH	"X'40" OSPC UNSCHEDULED AN OSE 0668
		..1.		WSPPBSKP	"X'20" A BUFFER WAS SKIPPED USING RCE/CSBT OR DELETED
		...1		WSPCLNUP	"X'10" CLEANUP OPTION SPECIFIED ON AN IATXPOSE CALL
		.... 1...		WSPFL708	"X'08" Reserved for IBM

Comment

THIS LINE DELETED BY APAR OW32807

End of Comment

		.... .1..		WSPJOBWP	"X'04" JOB REPOSITION INDICATOR
		.... ..1.		WSPLTTCF	"X'02" Output moved from local to 05209SRC TCP destination with 05209SRA OUTPUT statement 05209SRA
		.... ...1		WSPLTNO	"X'01" Output moved from local to 05209SRC TCP destination with 05209SRA no OUTPUT statement 05209SRA
2412	(96C)	SIGNED	4	WSPSECPT	POINTER TO GETMAINED AREA FOR USE BY IATXSEC
2416	(970)	SIGNED	4	WSPSAVE	WORK SAVE AREA
2420	(974)	SIGNED	4	WSPPCPT	PTR TO PSSC CONTROL BLOCK 0357 (The D.F.R. memorial PSSC 0049 pointer) 0049
2424	(978)	SIGNED	2	WSPBUFNC	OSE buffer number compatible value - see WSPBUFN4
2426	(97A)	SIGNED	2	WSPOFFST	OSE OFFSET VALUE
2428	(97C)	CHARACTER	1	WSPCCNTL	OSE CARRIAGE CONTROL VALUE
2429	(97D)	BITSTRING	4	WSPFFDBV	OSE FDB VALIDITY VALUE 05209SRA
2433	(981)	BITSTRING	1	WSPFLG11	Flag byte 11 05209SRA

Comment

----- 05209SRA
 Definition of WSPFLG11 05209SRA
 ----- 05209SRA

End of Comment

		1...		WSPBLTCP	"X'80" TCP/NJE OSEs built via 05209SRA QBDOSE 05209SRA
		.1..		WSPBLBDT	"X'40" SNA/NJE OSEs built via 05209SRA QBDOSE 05209SRA

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		..1.		WSPINTCP	"X'20" QBDTOSE should build TCP 05209SRA OSEs (if off, BDT OSEs) 05209SRA
		...1		WSPBHLDC	"X'10" Select BDT work in operator 06471SXC hold if cancel issued 06471SXA
		.... 1...		WSPF1108	"X'08" Reserved for IBM 05209SRA
		.... .1..		WSPF1104	"X'04" Reserved for IBM 05209SRA
		.... ..1.		WSPF1102	"X'02" Reserved for IBM 05209SRA
		.... ...1		WSPF1101	"X'01" Reserved for IBM 05209SRA 05209SRA
2434	(982)	BITSTRING	2	WSPRSVDV	Reserved for IBM 05209SRC
2436	(984)	CHARACTER	80	WSPTOKEN	SECURITY TOKEN 0318 INBOUND-CALLER'S UTOKEN OUTBOUND-RETURNED DATA SET'S RTOKEN
2516	(9D4)	CHARACTER	4	WSPID	WSP eyecatcher 0075
2520	(9D8)	ADDRESS	4	WSPYOSPC	IATYOSPC address 0075
2524	(9DC)	ADDRESS	4	WSPTEJBI	Extended jobid 0075
2528	(9E0)	ADDRESS	4	WSPCKJBI	Checkpoint jobid 0075
2532	(9E4)	ADDRESS	4	WSPPOSTJI	Hot writer queue post 0075 jobid 0075
2536	(9E8)	SIGNED	4	WSPBUFN4	OSE buffer number, used with WSPOFFST

Comment

WSPFDBT is used in conjunction with WSPFDBTB to hold the OSE FDB and previous sequence number (unlike most similar fields, these two are not consecutive).

End of Comment

2540	(9EC)	SIGNED	4	WSPFDBTB	Prev OSE sequence number
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Comment

The following three fields map the parameter list used by the WRTCHAIN error recovery routine (IATXERCV) and must remain consecutive.

End of Comment

2544	(9F0)	BITSTRING	16	WSPRQFDB	Work FDB & sequence number
2560	(A00)	CHARACTER	4	WSPPOSEID	ID for OSE
2564	(A04)	SIGNED	2	WSPPOSEOF	Offset to 4-byte OSE field
2564	(A04)	X'16'	0	WSPPERCVL	"*-WSPRQFDB" Length of IATXERCV workarea
2564	(A04)	X'9F0'	0	WSPPERCVW	"WSPRQFDB,WSPPERCVL" Workarea for IATXERCV macro
2566	(A06)	BITSTRING	3	WSPRSVS4	Reserved for IBM
2569	(A09)	BITSTRING	1	WSPFLG4	FLAG BYTE 4

Comment

DEFINITION OF WSPFLG4

End of Comment

1...	WSPRCERR	"X'80" RECURSIVE ERROR OCCURRED
.1.	WSPBHOLD	"X'40" INDICATES SELECTION OF HOLD 0505 TYPE (OSEWHOLD) BDT OSES 0505 FOR NJEROUT 0505
..1.	WSPSAPRO	"X'20" STAGING AREA IS BEING PROCESSED
...1	WSPCTRL1	"X'10" OSBPRECV IN CONTROL 0681
.... 1...	WSPCTRL2	"X'08" OSDRSNAF IN CONTROL 0681
.... .1..	WSPLTOS	"X'04" HOLD OSE CHANGED FROM LOCAL 0681 TO SNA/NJE DESTINATION 0681
.... ..1.	WSPURSTA	"X'02" WTD TO PURGE THE STAR
.... ...1	WSPRQINV	"X'01" INVALID REQUEST

IATYIQOS Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
2570	(A0A)	BITSTRING	1	WSPFLG5	FLAG BYTE 5
----- Comment -----					
----- DEFINITION OF WSPFLG5 -----					
----- End of Comment -----					
		1...		WSPSAPEN	"X'80" STAGING AREA IS PENDING PROCESSING
		.1..		WSPCSBT	"X'40" RCE/CSBT STRUCTURE EXISTS
		..1.		WSPDShLD	"X'20" ALL DATA SETS ARE HELD
		...1		WSPDSRST	"X'10" A DATA SET IS RESTARTABLE
		.... 1...		WSPBCMPL	"X'08" OSE BUFFER IS COMPLETE
		.... .1..		WSPMLREQ	"X'04" MULTIPLE DATA SET REQUEST
		.... ..1.		WSPLTNSO	"X'02" OSE CHANGED FROM LOCAL TO 0105 SNA/NJE DESTINATION WHEN 0105 NO OUTPUT STATEMENTS USED 0105
		.... ...1		WSPSADUM	"X'01" DUMMY STAGING AREA FOR CLEANUP PURPOSES
2571	(A0B)	BITSTRING	1	WSPFLG6	FLAG BYTE 6
----- Comment -----					
----- DEFINITION OF WSPFLG6 (CLEARED UPON ENTRY TO IATOSPC) -----					
----- End of Comment -----					
		1...		WSPGTMND	"X'80" AGETMAIN FOR IATYSEC DONE
		.1..		WSPNOSAF	"X'40" IATXSEC SAF CALL NOT NEEDED
		..1.		WSPDSTSK	"X'20" DATA SET ENTRY IN OSE WAS SKIPPED-SECURITY REJECT
		...1		WSPPSOSC	"X'10" OSPCW000 RECEIVED CONTROL 0232 0232
		.... 1...		WSPSKJOB	"X'08" Skip this job
		.... .1..		WSPNJE	"X'04" WRITER CALL FOR SNA/NJE
		.... ..1.		WSPGLOB1	"X'02" Global supports WSP ver 01 0075
		.... ...1		WSPUSRID	"X'01" PSO GET FOR USERID
----- Comment -----					
----- WSPRTNIN IS USED BY A NUMBER OF OUTPUT SERVICE MODULES TO CONTAIN AN INDEX INTO A TABLE CONTAINING SUBROUTINES USED BY THOSE MODULES. THE EQUATED VALUES BELOW ARE THE INDEX THAT IS USED. -----					
----- End of Comment -----					
2572	(A0C)	BITSTRING	1	WSPRTNIN	IATOSPC SUBROUTINE INDEX 0559
2572	(A0C)	X'0'	0	WSPOSERD	"0" OSE READ SUBROUTINE
2572	(A0C)	X'4'	0	WSPOSERL	"4" OSE ARELEASE SUBROUTINE
2572	(A0C)	X'8'	0	WSPOSEWR	"8" OSE WRITE SUBROUTINE
2572	(A0C)	X'C'	0	WSPJOBCEM	"12" JOB COMPLETION SUBROUTINE
2572	(A0C)	X'10'	0	WSPWTRSC	"16" WRITER SCHEDULE SUBROUTINE
2572	(A0C)	X'14'	0	WSPRTN20	"20" Reserved for IBM 0075
2572	(A0C)	X'18'	0	WSPCLSRT	"24" CLASS ROTATION SUBROUTINE
2573	(A0D)	BITSTRING	1	WSPPECF	ECF FOR PURGE
2576	(A10)	ADDRESS	4	WSPRESQ	SAVE AREA FOR RESQ (OSPC)
2580	(A14)	SIGNED	4	WSPOSA	ADDRESS OF IATODDR (OSA) 0681 USED FOR LOCAL TO SNA/NJE 0681
2584	(A18)	SIGNED	4	WSPCDE	ADDRESS OF CDE (IATODDR) FOR0681 LOCAL TO SNA/NJE PROCESSING 0681
2588	(A1C)	SIGNED	4	WSPPENSA	PENDING STAGING AREA CHAIN

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
2592	(A20)	SIGNED	4	WSPSTA	ADDR OF STAR FOR IATOSPC
2596	(A24)	SIGNED	4	WSPSAVE2	2ND WORK SAVE AREA 0559
2600	(A28)	SIGNED	4	WSPSAVE3	3RD WORK SAVE AREA 0559
2604	(A2C)	SIGNED	4	WSPSAVEA (9)	REGISTER SAVE AREA 0606
2640	(A50)	CHARACTER	4	WSPUCSID	UCS ID 0439
2644	(A54)	CHARACTER	4	WSPFCBID	FCB ID 0096
2648	(A58)	BITSTRING	8	WSPPSOTM	PSO CALL TIME (TOD) 0232
2656	(A60)	ADDRESS	4	WSPCRJOB	Current job for PSO
2660	(A64)	ADDRESS	2	WSPRSVD9	Reserved for IBM 0075 0075
2662	(A66)	BITSTRING	1	WSPIDENT	Type of WSP 0075
2662	(A66)	X'1'	0	WSPIBDCI	"1" IATBDCI - BDT communications0075
2662	(A66)	X'2'	0	WSPIDJOT	"2" IATDJOT - Dump Job 0075
2662	(A66)	X'3'	0	WSPIDMJA	"3" IATDMJA - PSO unallocation 0075
2662	(A66)	X'4'	0	WSPIIQOS	"4" IATIQOS - Outserv Inquiry 0075
2662	(A66)	X'5'	0	WSPIMOCP	"5" IATMOCP - Modify cancel 0075
2662	(A66)	X'6'	0	WSPIMOOS	"6" IATMOOS - Outserv Modify 0075
2662	(A66)	X'7'	0	WSPINTNR	"7" IATNTNR - NJERDR 0075
2662	(A66)	X'8'	0	WSPINTRS	"8" IATNTRS - NJE Reroute 0075
2662	(A66)	X'9'	0	WSPIOSB1	"9" IATOSBM - BDT cancel 0075
2662	(A66)	X'A'	0	WSPIOSB2	"10" IATOSBM - JSAM error 0075
2662	(A66)	X'B'	0	WSPIOSB3	"11" IATOSBM - BDT job hold 0075
2662	(A66)	X'C'	0	WSPIOSD1	"12" IATOSDR - Output Service 0075 (Primary FCT) 0075
2662	(A66)	X'D'	0	WSPIOSD2	"13" IATOSDR - Output Service 0075 (Secondary FCT) 0075
2662	(A66)	X'E'	0	WSPIOSF1	"14" IATOSFD - FSS writer 0075 (primary WSP) 0075
2662	(A66)	X'F'	0	WSPIOSF2	"15" IATOSFD - FSS writer 0075 (secondary WSP) 0075
2662	(A66)	X'10'	0	WSPIOSSD	"16" IATOSSD - SAPI 0075
2662	(A66)	X'11'	0	WSPIOSSO	"17" IATOSSO - SAPI JSAM error 0075
2662	(A66)	X'12'	0	WSPIOSW1	"18" IATOSWD - JES3 writer 0075 (primary WSP) 0075
2662	(A66)	X'13'	0	WSPIOSW2	"19" IATOSWD - JES3 writer 0075 (secondary WSP) 0075
2662	(A66)	X'14'	0	WSPIPURG	"20" IATPURG - Purge processing 0075
2662	(A66)	X'15'	0	WSPISIOP	"21" IATSIOP - Process SYSOUT 0075
2662	(A66)	X'16'	0	WSPIOSTC	"22" IATOSOR - TCP/IP job 07032SVA processing 07032SVA
2662	(A66)	X'17'	0	WSPIGR70	"23" IATGR70 - SJF driver
2662	(A66)	X'18'	0	WSPIOSR2	"24" IATOSOR2 - Output service 0075
2663	(A67)	BITSTRING	1	WSPVER	Version number
		.... ...1		WSPVER01	"X'01" Version number 1
2663	(A67)	X'1'	0	WSPCVER	"WSPVER01" Current version
2664	(A68)	ADDRESS	4	WSPPSDRT	OSPCS100 return address 0075
2668	(A6C)	ADDRESS	4	WSPSAVE4	PSOSCHED return address 0075
2672	(A70)	SIGNED	4	WSPSDWAD	Address of SAPI DSP Work Area
2676	(A74)	SIGNED	4	WSPRSVD8 (2)	Reserved for IBM
2684	(A7C)	ADDRESS	4	WSPRQADR	Current RQ address
2688	(A80)	SIGNED	4	WSPACONS	ADDR OF CALLING CONSOLE CNDB IN IATYWTR, WTRDCCDB
2692	(A84)	SIGNED	4	WSPRSVU1 (2)	RESERVED FOR USER 0200

Comment					

End of version 0 PSO area.					

End of Comment					
2692	(A84)	X'A8C'	0	WSPTEEND_V0	*** End of version 0 PSO area
2692	(A84)	X'168'	0	WSPTESIZ_V0	"WSPTEEND_V0-WSPSTART" Size of version 0 PSO area
2700	(A8C)	SIGNED	4	WSPTESSO_V0 (0)	Address of SSOB for down level callers

IATYIQOS Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

<p>END OF WSP SECTION FOR PROCESS SYSOUT (PSO). THE WSP UP TO THE EQUATE FIELD WSPTESIZ IS PART OF A STAGING AREA USED FOR PROCESS SYSOUT INTERFACE.</p>					

End of Comment					
2700	(A8C)	X'A8C'	0	WSPTEEND	*** End of version 1 PSO area
2700	(A8C)	X'168'	0	WSPTESIZ	"WSPTEEND-WSPSTART" Size of version 1 PSO area
Comment					
<p>The WSP field WSPTESSO indicates the beginning of the SSOB section for Process Sysout interface. In up-level versions of a PSO staging area, the SSOB can be found by adding WSPLEN to the base of the WSP. In down level versions, the SSOB is located at WSPTESSO_V0, not WSPTESSO.</p>					
End of Comment					
2700	(A8C)	SIGNED	4	WSPTESSO (0)	ADDRESS OF SSOB FOR PSO
Comment					

<p>THE FOLLOWING WSP INFORMATION IS COMMON FOR EVERY JES3 WRITER. THIS INFORMATION IS NOT NEEDED FOR PSO.</p>					

End of Comment					
2700	(A8C)	SIGNED	4	WSPRSVS3 (4)	RESERVED FOR SERVICE
2716	(A9C)	BITSTRING	8	WSPWSTME	WRITER START TIME (TOD) -- 0630 (I.E., WHEN IATOSWC WAS 0630 ENTERED FOR THIS WRITER) 0630
2724	(AA4)	SIGNED	4	WSPRSVU2 (5)	RESERVED FOR USER
Comment					

<p>THE FOLLOWING TWO FIELDS ARE USED IN MODULE IATOSWS to save fields OSECHN and OSECNT4 across the call to the 'OSE shrinker' code in module IATOSOR (OSES000)</p>					

End of Comment					
2744	(AB8)	BITSTRING	12	WSPOCHN	SAVE AREA FOR CHAIN FDB
2756	(AC4)	SIGNED	4	WSPOCNT4	Save area for sequence num
2760	(AC8)	CHARACTER	8	WSPTPID	Current APPC TPID, JSAB job id, or JSAB job name
2768	(AD0)	BITSTRING	6	WSPOSSWB	SPOOL ADDR FOR CURR OUTPUT D015 DESCR IF XTNDD KEYWORDS D015
2774	(AD6)	SIGNED	2	WSPSWBID	OUTPUT GROUPING TOKEN
Comment					

<p>The following flag is used as an additional scheduling criteria. The options in this flag are specified by the selecting device and not included in the master selection mask.</p>					

End of Comment					

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
2776	(AD8)	BITSTRING	1	WSPFLGS	SEPARATE SCHEDULING FLAG
Comment					
----- DEFINITION OF WSPFLGS -----					
End of Comment					
		1...		WSPEXTS	"X'80" SELECTING ON XTNDD KEYWORDS
		.1..		WSPSOTBN	"X'40" SELECT BY OUTBIN ID 0146
		..1.		WSPIP	"X'20" Select only IP destination
		...1		WSPBOTH	"X'10" Select both IP and non-IP
2777	(AD9)	BITSTRING	3	WSPRSVD7	Reserved for IBM
2780	(ADC)	SIGNED	4	WSPPAGE	TOTAL PAGES PENDING JOB
2784	(AE0)	ADDRESS	4	WSPASUP	SUPUNITS ADDRESS
2788	(AE4)	ADDRESS	4	WSPARQ	ADDRESS OF RESQUEUE ENTRY
2792	(AE8)	BITSTRING	0	WSPFDBS (0)	Scheduled OSE FDB & seq num
2792	(AE8)	BITSTRING	12	WSPFDB	WOSE FDB
2804	(AF4)	SIGNED	4	WSPPOSEB4	Scheduled OSE sequence num
2808	(AF8)	ADDRESS	4	WSPPOSE	ADDRESS OF MOSE
2812	(AFC)	ADDRESS	4	WSPOSS	ADDRESS OF OSS ENTRY
2816	(B00)	SIGNED	4	WSPNJERC	BSC/NJE PENDING RECORD CNT 0126
2820	(B04)	SIGNED	4	WSPOUTBN	OUTBIN ID (in writer WSP)
2820	(B04)	ADDRESS	4	WSPHWWSW	Address of hot writer WSP (in OUTSERV WSP)
2824	(B08)	SIGNED	4	WSPRSVD2 (2)	RESERVED FOR DEVELOPMENT 0146
2832	(B10)	BITSTRING	16	WSPSELD	SEL MASK OF DS SELECTED
2848	(B20)	BITSTRING	16	WSPSELT	TEMP SEL MASK
2864	(B30)	BITSTRING	16	WSPSELM	MASTER SELECTION MASK
Comment					
----- DEFINITION OF WSPSELM VALUES -----					
End of Comment					
2864	(B30)	X'0'	0	WSPNULL	"00" IGNORE THIS ENTRY
2864	(B30)	X'4'	0	WSPPRTY	"04" CHECK PRIORITY OF ENTRY
2864	(B30)	X'8'	0	WSPDEST	"08" CHECK DESTINATION OF ENTRY
2864	(B30)	X'C'	0	WSPTYPE	"12" CHECK DEST. TYPE OF ENTRY
2864	(B30)	X'10'	0	WSPFORM	"16" CHECK FORMS SETUP OF ENTRY
2864	(B30)	X'14'	0	WSPCARR	"20" CHECK FCB/CTAPE SETUP
2864	(B30)	X'18'	0	WSPUCS	"24" CHECK TRAIN SETUP OF ENTRY
2864	(B30)	X'1C'	0	WSPLINE	"28" CHECK LINE, PAGE, AND RECORD LIMITS OF PRINTER
2864	(B30)	X'20'	0	WSPCLAS	"32" CHECK CLASS OF ENTRY
2864	(B30)	X'24'	0	WSPFLASH	"36" CHECK FORMS FLASH SETUP
2864	(B30)	X'28'	0	WSPCPMOD	"40" CHECK COPY MODIFICATION
2864	(B30)	X'2C'	0	WSPSTACK	"44" CHECK STACKER SETUP
2864	(B30)	X'30'	0	WSPPMODE	"48" CHECK PROCESS MODE OF PRINTER
2864	(B30)	X'30'	0	WSPSELMX	"WSPPMODE" MAXIMUM VALUE FOR WSPSELM
2880	(B40)	SIGNED	2	WSPSELC	LOGICAL LENGTH OF WSPSELM
2882	(B42)	BITSTRING	1	WSPPTYSV	HIGHEST PRIORITY FOUND
2883	(B43)	BITSTRING	1	WSPRSVFX	RESERVED FOR SERVICE
2884	(B44)	SIGNED	2	WSPOFST	OFFSET TO OSEENTRY
2886	(B46)	BITSTRING	1	WSPFLG2	FLAG BYTE 2
Comment					
----- DEFINITION OF WSPFLG2 -----					
End of Comment					

IATYIQOS Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		1... ..		WSPDSPTY	"X'80" DS PRY CHECKING REQ.
		.1.		WSPDFLNE	"X'40" LINE LIMIT CHECKING REQ.
		..1.		WSPPTYPF	"X'20" PERFECT PRIORITY FIT
		...1		WSPRQRQD	"X'10" RQTAPUT NOT ALLOWED
		.... 1...		WSPGETRL	"X'08" RELEASE PENDING OSES
		.... .1..		WSPRSTG	"X'04" RESTART DATASET GROUP SAME AS *R ,J EXCEPT AFFECTS ONLY D/S SCHD FOR *R DEV
		.... ..1.		WSPRSTD	"X'02" REQUEUE OSE FOR DATA SET RESTART
		.... ...1		WSPPGREL	"X'01" PIPELINE TYPE GET/RELEASE (SCHEDULED OSE'S NOT AFFECTED)
2887	(B47)	BITSTRING	1	WSPFLG3	FLAG BYTE 3
----- Comment -----					
DEFINITION OF WSPFLG3 -----					
----- End of Comment -----					
		1... ..		WSPDM206	"X'80" DM206 failure in progress
----- Comment -----					
THIS LINE DELETED BY APAR OZ91802					
----- End of Comment -----					
		.1.		WSPWOSW	"X'40" WOSE write requested
		..1.		WSPWOSP	"X'20" WOSE PURGE REQUESTED
		...1		WSPSWTR	"X'10" START SELECTED SUPUNITS
		.... 1...		WSPRQWS	"X'08" SELECTIVE RESQ WRITER START 0229
		.... .1..		WSPHWLK	"X'04" HOT WRITER IS BEING CHECKED 0370 BY AN OUTSERV FCT HANDLING0370 IATXOSSC TYPE=GET CALL 0370
		.... ..1.		WSPOSPND	"X'02" DISK OSES HAVE BEEN MARKED 0436 PENDING DURING THIS 0436 IATXOSWS TYPE=SCHEDULE 0436 CALL 0436
		.... ...1		WSPWTSCH	"X'01" This writer had to wait before getting OSE lock in IATOSWS schedule rtn
2888	(B48)	BITSTRING	2	WSPFRSDD	FLAGS - RESERVED FOR DEV.
2890	(B4A)	BITSTRING	1	WSPFLG10	FLAG BYTE 10
----- Comment -----					
DEFINITION OF WSPFLG10 -----					
----- End of Comment -----					
		1... ..		WSPDUMPT	"X'80" DUMP WAS REQUESTED
		.1.		WSP206IS	"X'40" DM206 PREVIOUSLY ISSUED
		..1.		WSPGJNAM	"X'20" Grouping is by JSAB job name (WSPTPID contains a job name from a JSAB). If this bit is off, grouping is by APPC TPID or JSAB job id.
		...1		WSP10R10	"X'10" RESERVED FOR IBM
		.... 1...		WSP10R08	"X'08" RESERVED FOR IBM
		.... .1..		WSP10R04	"X'04" RESERVED FOR IBM
		.... ..1.		WSP10R02	"X'02" RESERVED FOR IBM
		.... ...1		WSP10R01	"X'01" RESERVED FOR IBM
2891	(B4B)	SIGNED	1	WSPCLSN	NUMBER OF CLASSES
2892	(B4C)	CHARACTER	36	WSPCLSS	SYSOUT CLASSES TO SELECT
2928	(B70)	SIGNED	4	WSPEND (0)	END OF PARM LIST
2928	(B70)	BITSTRING	1	WSPSIZE (0)	L' TOTAL SIZE OF WSP

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
IATYEQU JES3 STANDARD EQUATES IATYEQU ALREADY GENERATED Output Service SWB Retrieve Routine Parm List 01 Change Activity: \$R0 = PRNTWAY HJS6605 970514 PD0MV : OS 2.5.0					
End of Comment					
2928	(B70)	SIGNED	4	SWBRSTRT (0)	
2928	(B70)	CHARACTER	4	SWBRID	Identifier
2932	(B74)	BITSTRING	32	SWBROSWB	Output SWB FDB
2964	(B94)	ADDRESS	4	SWBRBLD	SWB build area
2964	(B94)	X'FFF'	0	SWBRMXLN	"4095" SWB build area length
2968	(B98)	ADDRESS	4	SWBRSJFP	SJF parameter address
2972	(B9C)	ADDRESS	4	SWBRSJFW	SJF work area address
2976	(BA0)	SIGNED	4	SWBRWKAL	Total work area length
2980	(BA4)	CHARACTER	124	SWBROIP	IPADDR from SWB
3104	(C20)	CHARACTER	6	SWBROFDF	FORMDEF from SWB
3110	(C26)	CHARACTER	6	SWBROPDF	PAGEDEF from SWB
3116	(C2C)	SIGNED	2	SWBRSWID	Output grouping token
3118	(C2E)	BITSTRING	1	SWBRFLG1	Flag byte 1

Comment

 Definition of SWBRFLG1

End of Comment					
		1... ..		SWBRFL80	"X'80" Reserved for development
		.1. ...		SWBRFL40	"X'40" Reserved for development
		..1. ...		SWBRFL20	"X'20" Reserved for development
		...1 ...		SWBRFL10	"X'10" Reserved for development
		.... 1..		SWBRFL08	"X'08" Reserved for development
		.... .1.		SWBRFL04	"X'04" Reserved for development
		.... ..1.		SWBRFL02	"X'02" Reserved for development
		.... ...1		SWBRFL01	"X'01" Reserved for development

Comment

 SWBTUREQ DATA CONSTANTS.

The size of the output area must be large enough to hold a 2-byte length field for each keyword and the largest possible keyword value plus a 4 byte prefix area to contain a text unit pointer.

The calculation would be as follows for the keywords being retrieved:

(SWBRNUMK) (60 + L'S99TULNG + L'S99TUPAR)

:::

V:::

Number of keys to retrieve: :

:::

V:::

All keys retrieved have same max size of 60
 (except destination and IPADDR)

:::

V:::

IATYIQOS Cross Reference

Offsets		Type/Value Length value for each keyword : V Text unit pointer	Len	Name (Dim)	Description
Dec	Hex				

End of Comment					
3118	(C2E)	X'82'	0	SWBRMIPS	"(124+L'S99TUPTR+L'S99TULNG)" Maximum IP kwd siz
3118	(C2E)	X'42'	0	SWBRMXKW	"(60+L'S99TUPTR+L'S99TULNG)" Maximum SJF kwd siz
3118	(C2E)	X'148'	0	SWBRSJOS	"(SWBRNUMK)*(SWBRMXKW)+SWBRMIPS" SJF output area size
3118	(C2E)	X'3'	0	SWBRSJKN	"SWBRKYL/SJTRKLEN" Number of actual keys for SJF SWBTUREQ service
3118	(C2E)	X'3'	0	SWBRNUMK	"SWBRKYL/SJTRKLEN" Number of keys used to compute size of output area
3120	(C30)	ADDRESS	4	SWBRSJID	SJF SWBTUREQ parm list id
3124	(C34)	CHARACTER	4	SWBRBTID	SWB table identifier

Comment

Key list definition for SWBTUREQ RETRIEVE.

End of Comment					
3128	(C38)	SIGNED	2	SWBRKEY (0)	
3128	(C38)	ADDRESS	2		IPADDR key
3132	(C3C)	SIGNED	4		
3136	(C40)	ADDRESS	2		FORMDEF Key
3140	(C44)	SIGNED	4		
3144	(C48)	ADDRESS	2		PAGEDEF Key
3148	(C4C)	SIGNED	4		
3148	(C4C)	X'18'	0	SWBRKYL	**"-SWBRKEY" End of key list for SJF
3152	(C50)	SIGNED	4	SWBREND (0)	End of parm list
3152	(C50)	BITSTRING	0	SWBRSIZE (0)	L' Total size of SWBR
3152	(C50)	SIGNED	4	IQOSSEND (0)	END OF IQOS DATA AREA
3152	(C50)	BITSTRING	1	IQOSSIZE (0)	SIZE OF YIQOS AREA

IATYIQOS Cross Reference

Name

ACTIVE_LIMIT
 ALLACC
 ALLOFF
 ALLON
 ALWAYS
 ARMODOFF
 ARMODON
 BDTREQ
 BDTREQ2
 BORROW
 CARRY
 CHARA
 CHARCMMA
 CHARF
 CHARNINE
 CHARZERO
 DSPCMXSZ
 EQ
 EQUHOBOf
 EQUHOBON

Name

FF
GE
GT
HLDREQ
HLDREQ2
INREAL
INTK_SHARED_SUBPOOL

IQOS
IQOSAAGE

IQOSABG
IQOSABJ
IQOSABS
IQOSABT
IQOSAC

IQOSACH
IQOSACJ
IQOSACL
IQOSACMO
IQOSADD

IQOSADG
IQOSADSD
IQOSADSN
IQOSADST
IQOSAF

IQOSAFFL
IQOSAFMD
IQOSAGE
IQOSAH
IQOSAIPA

IQOSAJNA
IQOSAMK0
IQOSAMK1
IQOSAMK2
IQOSAMK3

IQOSAMK4
IQOSAMK5
IQOSAMK6
IQOSAMK7
IQOSAMSK

IQOSAOTB
IQOSAP
IQOSAPCD
IQOSAPCI
IQOSAPCN

IQOSAPCQ
IQOSAPCT
IQOSAPCY
IQOSAPGD
IQOSAPM

IQOSAPPC
IQOSAR9
IQOSASD
IQOSASL
IQOSAST

IQOSASTK
IQOSATG
IQOSATRM
IQOSATS
IQOSATT

IATYIQOS Cross Reference

Name

IQOSAU
IQOSAUID
IQOSAW
IQOSA2MK
IQOSA401

IQOSA402
IQOSA404
IQOSBDT
IQOSBDTS
IQOSBFN4

IQOSBG
IQOSBJ
IQOSBJS
IQOSBMP
IQOSBMS

IQOSBREQ
IQOSBRQ2
IQOSBRSV
IQOSBS
IQOSBT

IQOSBYCT
IQOSBYMI
IQOSBYTE
IQOSCART
IQOSCH

IQOSCJ
IQOSCJID
IQOSCJIN
IQOSCJIS
IQOSCJIY

IQOSCJN
IQOSCJNM
IQOSCJNS
IQOSCJQ
IQOSCJS

IQOSCJY
IQOSCLS
IQOSCM
IQOSCNS
IQOSCNSL

IQOSCNT
IQOSCNTF
IQOSCONS
IQOSCTAP
IQOSDBL

IQOSDDN
IQOSDDS
IQOSDEST
IQOSDG
IQOSDNUM

IQOSDSDD
IQOSDSID
IQOSDSN
IQOSDSNB
IQOSDSNJ

IQOSDSNM
IQOSDSNN
IQOSDSNU
IQOSDST2
IQOSEJID

Name

IQOSEJNM
IQOSELK
IQOSEND
IQOSERIN
IQOSERRR

IQOSFDB
IQOSFDBS
IQOSFL
IQOSFLG1
IQOSFLG2

IQOSFLG3
IQOSFLG4
IQOSFLG5
IQOSFLG6
IQOSFLG7

IQOSFLG8
IQOSFORM
IQOSFRDF
IQOSF43F
IQOSF801

IQOSF802
IQOSF804
IQOSF808
IQOSF810
IQOSF820

IQOSF840
IQOSGTYP
IQOSHLD
IQOSHLDD
IQOSHOLD

IQOSHREQ
IQOSHRQ2
IQOSHTYP
IQOSIAGE
IQOSIAPC

IQOSIBG
IQOSIBJ
IQOSIBS
IQOSIBT
IQOSIBY

IQOSIC
IQOSICH
IQOSICJ
IQOSICJI
IQOSICJN

IQOSICL
IQOSICMO
IQOSID
IQOSIDD
IQOSIDG

IQOSIDSD
IQOSIDSN
IQOSIDST
IQOSIF
IQOSIFFL

IQOSIFMD
IQOSIGT
IQOSIHN
IQOSIHY
IQOSIJNA

Name

IQOSBS
IQSOBT
IQSOBV
IQSOC
IQSOCH

IQSOCJ
IQSOCL
IQSOCMO
IQSODD
IQSODG

IQSODSD
IQSODSN
IQSODST
IQSOF
IQSOFFL

IQSOFMD
IQSOH
IQSOIPA
IQSOJNA
IQSOMK0

IQSOMK1
IQSOMK2
IQSOMK3
IQSOMK4
IQSOMK5

IQSOMK6
IQSOMK7
IQSOMSG
IQSOMSK
IQSOOTB

IQOSOP
IQOSOPGD
IQOSOPM
IQOSOSD
IQOSOSL

IQOSOST
IQOSOSTK
IQOSOSTP
IQOSOTBN
IQOSOTG

IQOSOTRM
IQOSOTS
IQOSOTT
IQOSOU
IQOSUID

IQOSOUTM
IQOSOW
IQOSO2MK
IQOSO401
IQOSO402

IQOSO404
IQOSPAD
IQOSPAGE
IQOSPCH
IQOSPGCT

IQOSPGDF
IQOSPGMI
IQOSPM
IQOSPREN
IQOSPRTY

IATYIQOS Cross Reference

Name

IQOSPTY
IQOSQ
IQOSQAGD
IQOSQAGE
IQOSQAGH

IQOSQAPC
IQOSQAPI
IQOSQAPT
IQOSQBG
IQOSQBJ

IQOSQBS
IQOSQBT
IQOSQBYT
IQOSQCH
IQOSQCHN

IQOSQCJ
IQOSQCJI
IQOSQCJN
IQOSQCLK
IQOSQCLS

IQOSQCM
IQOSQCNT
IQOSQCPY
IQOSQCTP
IQOSQDDN

IQOSQDG
IQOSQDSD
IQOSQDSE
IQOSQDSI
IQOSQDSJ

IQOSQDSM
IQOSQDSN
IQOSQDST
IQOSQDSU
IQOSQDTA

IQOSQFL
IQOSQFLG
IQOSQFL2
IQOSQFRD
IQOSQFRM

IQOSQHLD
IQOSQHTP
IQOSQID
IQOSQIPA
IQOSQLNS

IQOSQMID
IQOSQNAM
IQOSQND
IQOSQNDD
IQOSQNOD

IQOSQNUM
IQOSQOSE
IQOSQOTB
IQOSQOTS
IQOSQPGD

IQOSQPGS
IQOSQPM
IQOSQPTF
IQOSQPTY
IQOSQRC

Name

IQOSQRCD
 IQOSQRSN
 IQOSQRSV
 IQOSQSDT
 IQOSQSEP

 IQOSQSEQ
 IQOSQSKP
 IQOSQSL
 IQOSQSS
 IQOSQST1

 IQOSQST2
 IQOSQTG
 IQOSQTS
 IQOSQTT
 IQOSQTYP

 IQOSQUCS
 IQOSQUE
 IQOSQUID
 IQOSQVAL
 IQOSQWNM

 IQOSRC
 IQOSRDER
 IQOSREQ
 IQOSREQA
 IQOSRPCT

 IQOSRQAD
 IQOSRSVD
 IQOSRSV1
 IQOSRSV2
 IQOSSCNT

 IQOSSEND
 IQOSSEQ
 IQOSSIZE
 IQOSSL
 IQOSSPIP

 IQOSSS
 IQOSSSTRT
 IQOSSTYP
 IQOSSUM
 IQOSSVDD

 IQOSSVDS
 IQOSSVR2
 IQOSSVR5
 IQOSSVR9
 IQOSSWBR

 IQOSS012
 IQOSTCP
 IQOSTCPS
 IQOSTG
 IQOSTOD

 IQOSTODD
 IQOSTODH
 IQOSTREQ
 IQOSTRQ2
 IQOSTS

 IQOSTT
 IQOSTYPE
 IQOSUCS
 IQOSUSID
 IQOSWNAM

IATYIQOS Cross Reference

Name

IQOSWORK
IQOSWREQ
IQOSWRQ2
IQOSWTR
IQOSXCDB
IQOSXCDB_KEYUSED_CMDIND

IQOSXCDB_XABEND

IQOSXCDB_XABEND_NO

IQOSXCDB_XABEND_YES

IQOSXCDB_XCART

IQOSXCDB_XCMDIND_NO
IQOSXCDB_XCMDIND_YES

IQOSXCDB_XCNDB

IQOSXCDB_XCONSID
IQOSXCDB_XCONSNM

IQOSXCDB_XEYECATCH

IQOSXCDB_XFLAG1
IQOSXCDB_XFLAG2

IQOSXCDB_XINCNDB
IQOSXCDB_XKEYS

IQOSXCDB_XOPERATION_EXTRACTCART
IQOSXCDB_XOPERATION_EXTRACTCONSID
IQOSXCDB_XOPERATION_EXTRACTCONSNAME
IQOSXCDB_XOPERATION_EXTRACTCONSTYPE
IQOSXCDB_XOPERATION_EXTRACTROUT

IQOSXCDB_XOPERATION_INITIALIZE
IQOSXCDB_XOPERATION_RESET
IQOSXCDB_XOPERATION_TRANSCONSID

IQOSXCDB_XOPERATION_TRANSFER
IQOSXCDB_XOPERATION_TRANSROUT

IQOSXCDB_XOPERATION_UPDATE
IQOSXCDB_XOPERATION_VERIFY
IQOSXCDB_XOUTCART

Name

IQOSXCDB_XOUTCNDB

IQOSXCDB_XOUTCONSID

IQOSXCDB_XOUTCONSNAME

IQOSXCDB_XOUTCONSTYPE

IQOSXCDB_XOUTROUT

IQOSXCDB_XROUT

IQOSXCDB_XRSV001

IQOSXCDB_XRSV002

IQOSXCDB_XUSERADDR

IQOSXCDB_XVERSION

IQOSXCDBL

IQOSXCSC

IQOSXCSCN

IQOSXCSP

IQOSXCTP

IQOSYPRM

IQSXCSIF

IQSXCSIF_XEYECATCH

IQSXCSIF_XPARMLIST

IQSXCSIF_XRSV0001

IQSXCSIF_XVERSION

IQSXCSIFL

JOB_NUMBER_SHIFT

J3AUXTRC

J3MAXMP

J3NUCTRC

J3TRCMAX

J3TRCSZ

LE

LENTHINV

LNZERO

LOCKED

LT

LZERO

MAX_OSE_OLD_DYNAL

MAX_OSE_SEQ

MAX_OSE_SEQ_DYNAL

MAX_SRF_SEQ

MAXIMUM_COMPATIBLE_JOB

MAXIMUM_JOB_NUMBER_ALLOWED

IATYIQOS Cross Reference

Name

MAXIMUM_JOB_NUMBER_MASK

MAXIMUM_JOBS_IN_DJC_NET

MAXPARAM

MINUS

MIXED

M00M0005

M00M0008

NALLACC

NALLOFF

NALLON

NE

NMINUS

NNOACCESS

NOACCESS

NOBORROW

NOCARRY

NOP

NOTIREAL

NOV

NPAGPRTD

NPLUS

NTRANSNA

NZBORROW

NZCARRY

NZERO

NZNBOROW

NZNCARRY

OV

PAGPRTD

PAGTBINV

PLO_CL

PLO_CLG

PLO_CLGR

PLO_CLX

PLO_CS

PLO_CSDST

PLO_CSDSTG

PLO_CSDSTGR

PLO_CSDSTX

PLO_CSG

PLO_CSGR

PLO_CSST

PLO_CSSTG

PLO_CSSTGR

PLO_CSSTX

PLO_CSTST

PLO_CSTSTG

PLO_CSTSTGR

PLO_CSTSTX

PLO_CSX

PLO_DCS

PLO_DCSG

PLO_DCSEGR

PLO_DCSX

PLUS

SAFEXTSP

SAFMSGSP

SECTKNLN

Name

SEGTBINV
 SPECIAL_JOB_XFFFF

 SWBRBLD
 SWBRBTID

 SWBREND
 SWBRFLG1
 SWBRFL01
 SWBRFL02
 SWBRFL04

 SWBRFL08
 SWBRFL10
 SWBRFL20
 SWBRFL40
 SWBRFL80

 SWBRID
 SWBRKEY
 SWBRKYL
 SWBRMIPS
 SWBRMXKW

 SWBRMXLN
 SWBRNUMK
 SWBROFDF
 SWBROIP
 SWBROPDF

 SWBROSWB
 SWBRSIZE
 SWBRJFP
 SWBRJFW
 SWBRJID

 SWBRJKN
 SWBRJOS
 SWBRSTRT
 SWBRSWID
 SWBRWKAL

 TCPREQ
 TCPREQ2
 TKNMAPLN
 TRANSNA
 UNLIMITED_DSP_COUNT

 UNLIMITED_JOB_COUNT

 UNLIMITED_JOB_COUNT2

 UNLOCKED
 WSPACONS
 WSPAECF
 WSPARQ
 WSPASUP

 WSPBCMPL
 WSPBDTRQ
 WSPBHLDC
 WSPBHOLD
 WSPBLBDT

 WSPBLTCP
 WSPBOTH
 WSPBUFNC
 WSPUFN4
 WSPCARR

IATYIQOS Cross Reference

Name

WSPCCNTL
WSPCDE
WSPCDEST
WSPCHAIN
WSPCHNGE

WSPCKJBC
WSPCKJBI
WSPCKPRQ
WSPCKPT
WSPCLAS

WSPCLNUP
WSPCLSN
WSPCLSRRT
WSPCLSS
WSPCMPL

WSPCPMOD
WSPCRJOB
WSPCSBT
WSPCTRL1
WSPCTRL2

WSPCVER
WSPDEL
WSPDEST
WSPDFDST
WSPDFLNE

WSPDM206
WSPDSHLD
WSPDSPTY
WSPDSRST
WSPDSTSK

WSPDUMPT
WSPEND
WSPENF58
WSPERCVL
WSPERCVW

WSPEXTS
WSPFAILD
WSPFCBID
WSPFDB
WSPFDBS

WSPFDBSV
WSPFDBT
WSPFDBTB
WSPFFDBV
WSPFIRRQ

WSPFLAG
WSPFLASH
WSPFLGS
WSPFLG1
WSPFLG10

WSPFLG11
WSPFLG2
WSPFLG3
WSPFLG4
WSPFLG5

WSPFLG6
WSPFLG7
WSPFLG8
WSPFLG9
WSPFL708

Name

WSPFORM
 WSPFRSDD
 WSPF1101
 WSPF1102
 WSPF1104

 WSPF1108
 WSPGET
 WSPGETRL
 WSPGJNAM
 WSPGLOB1

 WSPGTMND
 WSPHCWNT
 WSPHWLK
 WSPHWWQP
 WSPHWWSP

 WSPIBDCI
 WSPID
 WSPIDENT
 WSPIDJOT
 WSPIDMJA

 WSPIGR70
 WSPIIQOS
 WSPIMOCP
 WSPIMOOS
 WSPINTCP

 WSPINTNR
 WSPINTRS
 WSPIOSB1
 WSPIOSB2
 WSPIOSB3

 WSPIOSD1
 WSPIOSD2
 WSPIOSF1
 WSPIOSF2
 WSPIOSR2

 WSPIOSSD
 WSPIOSSO
 WSPIOSTC
 WSPIOSW1
 WSPIOSW2

 WSPIP
 WSPIPURG
 WSPISIOP
 WSPJBFND
 WSPJDS

 WSPJOBCEM
 WSPJOBID
 WSPJOBRRP
 WSPLEN
 WSPLINE

 WSPLTOS
 WSPLTSSNO
 WSPLTTCR
 WSPLTSSNO
 WSPMASK

 WSPMLREQ
 WSPNDOPT
 WSPNJE
 WSPNJERC
 WSPNJERD

IATYIQOS Cross Reference

Name

WSPNJERT
WSPNOSAF
WSPNULL
WSPOCHN
WSPOCNT4

WSPOFFST
WSPOFST
WSPOKRET
WSPOSA
WSPPOSE

WSPPOSEB4
WSPPOSEID
WSPPOSELK
WSPPOSEOF
WSPOSERD

WSPOSERL
WSPPOSEWR
WSPOSPC
WSPOSPND
WSPOSS

WSPOSSWB
WSPPOSTJC
WSPPOSTJI
WSPOUTBN
WSPPAGE

WSPPBSKP
WSPPECF
WSPPEND
WSPPENSA
WSPPGREL

WSPPMODE
WSPPOSTD
WSPPRTY
WSPPSCPT
WSPPSDRT

WSPPSOSC
WSPPSOTM
WSPPTYPF
WSPPTYSV
WSPPUT

WSPQCHG
WSPRCAWR
WSPRCCL
WSPRCDAC
WSPRCDAT

WSPRCDMP
WSPRCERR
WSPRCINV
WSPRCJOB
WSPRCOUT

WSPRCPSO
WSPRCRQ
WSPRECRD
WSPREL
WSPRESQ

WSPRQACC
WSPRQADR
WSPRQCMP
WSPRQFDB
WSPRQINV

Name

WSPRQPRM
WSPRQRQD
WSPRQWS
WSPRSTD
WSPRSTG

WSPRSVDV
WSPRSVD2
WSPRSVD7
WSPRSVD8
WSPRSVD9

WSPRSVFX
WSPRSVS3
WSPRSVS4
WSPRSVS5
WSPRSVS6

WSPRSVU1
WSPRSVU2
WSPRSV01
WSPRTNIN
WSPRTN20

WSPSADUM
WSPSAFFL
WSPSAPEN
WSPSAPRO
WSPSAVE

WSPSAVEA
WSPSAVE2
WSPSAVE3
WSPSAVE4
WSPSCHED

WSPSDWAD
WSPSECPT
WSPSELC
WSPSELD
WSPSELM

WSPSELMX
WSPSELT
WSPSIZE
WSPSKJOB
WSPSOTBN

WSPSRCHP
WSPSSCWA
WSPSSREQ
WSPSTA
WSPSTACK

WSPSTART
WSPSTRTD
WSPSWBID
WSPSWTR
WSPSYSRQ

WSPTEEND
WSPTEEND_V0
WSPTEJBC
WSPTEJBI
WSPTESIZ

WSPTESIZ_V0
WSPTESSO
WSPTESSO_V0
WSPTEUID
WSPTOKEN

IATYIQOS Cross Reference

Name

WSPTPID
WSPTSO
WSPTYPE
WSPUCS
WSPUCSID

WSPUNSCH
WSPURSTA
WSPUSRID
WSPVER
WSPVER01

WSPWOSP
WSPWOSW
WSPWSTME
WSPWTRSC
WSPWTSCH

WSPXJMR
WSPYOSPC
WSP10R01
WSP10R02
WSP10R04

WSP10R08
WSP10R10
WSP206IS
WSP4BOSD
WSP4BOSE

WSP8RSV3
WTRREQ
WTRREQ2
ZBORROW
ZCARRY

ZERO
ZEROS
ZNBORROW
ZNCARRY

IATYISD Information

IATYISD Programming Interface information

Programming Interface information

IATYISD

The following fields are **NOT** programming interface information:

- DVJRETRY
- IJDFLUSH
- IJDSCLOS
- IJDGET
- IJDSOPEN
- IJDSREAD
- ISDHASH
- ISDHSHAD
- ISDIREPT
- ISDSECA
- ISDSTOKN
- ISDUNHAD
- ISDUNHAS
- ISFAILOC
- ISLMADDR
- ISLMDCND
- ISLMISDL
- ISLMISDS
- ISLMISEN
- ISLMISFR
- ISLMISJB
- ISLMISJL
- ISLMISJN
- ISLMISLG
- ISLMISMN
- ISLMISNJ
- ISLMISNT
- ISLMISPR
- ISLMJDE
- LOCADDR
- PWKPTR

End of Programming Interface information

Heading Information • IATYISD Map

IATYISD Heading Information

Common Name: INPUT SERVICE DATA AREA
Macro ID: IATYISD
DSECT Name: IATISDT, DJSUCLST
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IATISDT (IATISDT)
 Offset: 0
 Length: 8
Storage Attributes: Subpool: 0 (JES3 Address Space)
Size: IATISDT - 8K
 DJSUCLST - DJSUCLEN
Created by: N/A
Pointed to by: R13 in input service
Serialization: None
Function: INPUT SERVICE DATA AREA

IATYISD Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATISDT	
0	(0)	STRUCTURE	0	IATISDT	
0	(0)	SIGNED	4	ISSTART (0)	

Comment

IATYMOD BR=NO

JES3 MODULE ENTRY POINT IDENTIFIER

01 Change Activity:

\$SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0

End of Comment

0	(0)	CHARACTER	8		MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM

Comment

COMMON INPUT SERVICE ROUTINES

End of Comment

Comment

Module usage list - One entry for each module.

Entries are mapped by the internal DSECT ISLMLIST.

8 lines deleted by APAR OW21624

End of Comment

296	(128)	DBL WORD	8	ISLMODLS (0)	Start of module list
296	(128)	ADDRESS	4	ISLMISJL	
312	(138)	ADDRESS	4	ISLMISLG	
328	(148)	ADDRESS	4	ISLMISDS	
344	(158)	ADDRESS	4	ISLMISFR	
360	(168)	ADDRESS	4	ISLMISJB	
376	(178)	ADDRESS	4	ISLMISPR	
392	(188)	ADDRESS	4	ISLMISMN	
408	(198)	ADDRESS	4	ISLMISDL	
424	(1A8)	ADDRESS	4	ISLMISEN	
440	(1B8)	ADDRESS	4	ISLMISNT	
456	(1C8)	ADDRESS	1	ISLMDCND	
472	(1D8)	ADDRESS	4	ISLMISNJ	
488	(1E8)	ADDRESS	4	ISLMISJN	

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
504	(1F8)	ADDRESS	4	ISLMRSVD	RESERVED FOR DEV
504	(1F8)	X'1F8'	0	ISLMEND	"ISLMRSVD" LAST ENTRY IN TABLE
Comment					
DOUBLEWORD ALIGNMENT SECTION					
End of Comment					
520	(208)	DBL WORD	8	DIGITS	
528	(210)	DBL WORD	8	ISDCONA (2)	HEX CONVERSION WORK AREA
544	(220)	DBL WORD	8	ISCRAT (20)	SCRATCH SPACE
704	(2C0)	DBL WORD	8	ISUX17L (10)	UX17 SE LIST
Comment					
INPUT SERVICE FDB'S					
ANY ADDITIONS MUST BE ALIGNED ON A FULLWORD BOUNDARY					
AND ADDED TO THE JESTAE SRF/MRF LIST. THESE FDB'S					
ARE ZEROED BETWEEN JOBS.					
End of Comment					
792	(318)	SIGNED	4	IFDBST (0)	START OF JOB RELATED FDBS
792	(318)	BITSTRING	12	JDABADDR	JDAB BUFFER ADDRESS 1
804	(324)	BITSTRING	12	JMRADDR	JMR BUFFER ADDRESS 1
816	(330)	BITSTRING	12	OSEADDR	OUTPUT SCHED ELEMENT FDB 1
828	(33C)	BITSTRING	12	JDSADDR	FIRST JDS BUFFER ADDRESS 1
840	(348)	BITSTRING	12	FRPFDB	CUR FRP FDB FOR OUTPUT SE 1
852	(354)	BITSTRING	12	ERRCFDB	FDB FOR FRP ERROR RECOVERY 1
864	(360)	BITSTRING	12	JSTADDR	FDB FOR JST 1
876	(36C)	BITSTRING	12	JSTPADDR	FDB FOR SETUP PARM BUFFER 1
888	(378)	BITSTRING	12	SCHBUFDB	FDB FOR SCHEDULER BUFFER 1 0331
900	(384)	BITSTRING	0	ISDLXERC (0)	Parameter list for IATXERCV
900	(384)	BITSTRING	12	ISDLFDB	FDB FOR DEADLINE
912	(390)	SIGNED	4	ISDLSEQ4	Deadline queue sequence no.
916	(394)	CHARACTER	4	ISDLID	ID for IATXERCV parameter
920	(398)	SIGNED	2	ISDLOFST	Offset to 4-byte sequence number (always 0 for DLF)
922	(39A)	SIGNED	2	ISDRSDH1	RESERVED FOR DEVELOPMENT
924	(39C)	SIGNED	4	(0)	GET NEXT FULLWORD BOUNDARY 0331
924	(39C)	BITSTRING	12	ISDLFDB1	FDB FOR DEADLINE 1
936	(3A8)	BITSTRING	12	PCDTADDR	FDB FOR PROCESS BUFFER 1
948	(3B4)	BITSTRING	28	TATBUILD	TAT BUILD AREA FOR JOB
976	(3D0)	SIGNED	2	TATBLD2	SAVE AREA
978	(3D2)	SIGNED	2	ISDRSDH2	RESERVED FOR DEVELOPMENT
980	(3D4)	BITSTRING	12	NFRPFDB	FDB FOR NEXT FRP 1
992	(3E0)	BITSTRING	12	ERRCCHN	FDB FOR ER RECOV CHAIN FRP
1004	(3EC)	BITSTRING	12	ASRADDR	Available Spool Records FDB
1016	(3F8)	SIGNED	4	ISDRSVD1 (4)	Reserved for IBM 1
1032	(408)	SIGNED	4	ISDRSVD2 (3)	Reserved for IBM 1
1044	(414)	SIGNED	4	ISDRSVD7 (8)	Reserved for IBM
1076	(434)	SIGNED	4	ISDRSVD8 (8)	Reserved for IBM
1108	(454)	BITSTRING	32	ISPNJMSG	SPINOFF JESMSG LG FDB 1
1140	(474)	BITSTRING	32	IJCLFDB	FDB FOR JESJCLIN
1172	(494)	BITSTRING	32	IMSGFDB	FDB FOR JESMSG LG 0302
1204	(4B4)	BITSTRING	1	ISJESJCL	JESJCL FDB 7
1204	(4B4)	X'4D4'	0	IFDBEND	*** END OF JOB RELATED FDBS
1236	(4D4)	BITSTRING	32	SDINFDB	IS MRF INPUT FDB
1268	(4F4)	BITSTRING	12	ISPFDB	SAVE AREA FOR ISDRVR PARM FDB 1
1280	(500)	BITSTRING	1	ISDFDBSV	TEMP FDB SAVE AREA
Comment					
ROUTINE ADDRESSES.					
End of Comment					

IATYISD Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1292	(50C)	SIGNED	4	IJDNOTE	- POINTER TO NEXT ENTRY TO BE GIVEN
1296	(510)	SIGNED	4	IJDOPEN	- JDS OPEN ADDR
1300	(514)	SIGNED	4	IJDREAD	- JDS READ ADDR
1304	(518)	SIGNED	4	IJDCLOS	- JDS CLOSE ADDR
1308	(51C)	SIGNED	4	IJDGET	- JDS GET ADDR
1312	(520)	SIGNED	4	IJDFLUSH	- JDS FLUSH ADDR

Comment

SRF/MRF FDB LIST

End of Comment

1316	(524)	SIGNED	4	ISFDBSTR (0)	BEGIN FDB LIST
1316	(524)	ADDRESS	4	JDABPTR	ADDRESS OF JDAB FDB
1320	(528)	ADDRESS	4	JMRPTR	ADDRESS OF JMR FDB
1324	(52C)	ADDRESS	4	OSEPTR	ADDRESS OF OSE FDB
1328	(530)	ADDRESS	4	JDSPTR	ADDRESS OF JDS FDB
1332	(534)	ADDRESS	4	FRP1PTR	ADDRESS OF FRP FDB
1336	(538)	ADDRESS	4	FRP2PTR	ADDRESS OF FRP ER RECOV FDB
1340	(53C)	ADDRESS	4	JSTPTR	ADDRESS OF JST FDB
1344	(540)	ADDRESS	4	PWKPTR	ADDRESS OF SETUP PARM FDB
1348	(544)	ADDRESS	4	SCHPTR	ADDRESS OF SCHEDULER BUF FDB
1352	(548)	ADDRESS	4	DL1PTR	ADDRESS OF DEADLINE FDB
1356	(54C)	ADDRESS	4	DL2PTR	ADDRESS OF DEADLINE FDB
1360	(550)	ADDRESS	4	PCDPTR	ADDRESS OF PROCESS BUF FDB
1364	(554)	ADDRESS	4	ISPPTR	ADDRESS OF IS PARM FDB
1368	(558)	ADDRESS	4	ISJDBPTR	ADDRESS OF IS JDAB
1372	(55C)	ADDRESS	4	ISDRSVD4 (3)	Reserved for IBM
1384	(568)	ADDRESS	4	ASRPTR	Address of ASR FDB
1388	(56C)	ADDRESS	4	ISDPBPTR	ADDRESS OF PDB FDB
1392	(570)	ADDRESS	4	SDINPTR	ADDRESS OF IS INPUT MRF FDB
1396	(574)	ADDRESS	4	JLCURR	ADDRESS OF JESJCLIN FDB
1400	(578)	ADDRESS	4	MSGCURR	ADDRESS OF JESMSGLG FDB 0302
1404	(57C)	ADDRESS	4	IJESJCLF	ADDRESS OF JESJCL FDB
1408	(580)	ADDRESS	4	TATPTR	ADDRESS OF JOB TAT FDB
1408	(580)	X'580'	0	ISFDBEND	"TATPTR" TAT MUST BE LAST IN LIST

Comment

VARIOUS AND SUNDRY POINTERS.

End of Comment

1412	(584)	ADDRESS	4	ISCSSAD	Chained SRF services area
1416	(588)	ADDRESS	4	ICURRRFP	CURRENT FRP BUFFER ADDRESS
1420	(58C)	ADDRESS	4	INEXTRFP	NEXT FRP BUFFER ADDRESS
1424	(590)	ADDRESS	4	LOCADDR	ADDRESS FROM ALOCATE
1428	(594)	ADDRESS	4	DVJRETRY	JESTAE RETRY ADDRESS
1432	(598)	ADDRESS	4	CJDABSE	CURRENT JDAB SE ADDRESS
1436	(59C)	ADDRESS	4	CJCTSE	CURRENT JCT SE ADDRESS
1440	(5A0)	ADDRESS	4	ISFAILOC	CC AND JSAM I/O LOCATION
1444	(5A4)	ADDRESS	4	JDSCURR	ADDRESS OF ACTIVE MRF FDB
1448	(5A8)	ADDRESS	4	PCDATCD	ADDRESS OF NEXT PLACE TO PUT DATA IN / PROCESS BUFFER
1452	(5AC)	ADDRESS	4	ISSTADDR	STAGING AREA ADDRESS FOR DEMAND SELECT JOBS
1456	(5B0)	ADDRESS	4	ISJQEHL	JQE ADDRESS OF JCT HELD
1460	(5B4)	ADDRESS	4	ISJBCLPT	JOB CLASS TABLE ADDRESS
1464	(5B8)	ADDRESS	4	ISDSECA	ADDRESS OF SECURITY CHECK PARMLIST
1468	(5BC)	ADDRESS	4	ISJCTBLD	JCT BUILD AREA ADDRESS
1472	(5C0)	ADDRESS	4	ISDLBLD	DEADLINE BUILD AREA ADDRESS
1476	(5C4)	ADDRESS	4	ISBUXWA	USER EXIT WORK AREA ADDRESS
1480	(5C8)	ADDRESS	4	ISDIREPT	CURRENT IRE ADDRESS
1484	(5CC)	ADDRESS	4	ERRORPTR	ADDRESS OF COLUMN CONTAINING SYNTAX ERROR
1488	(5D0)	ADDRESS	4	ISDJCLST	DJC SUCCESSOR LIST ADDRESS

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
ISDRVR START/END TIMES.					
End of Comment					
1492	(5D4)	SIGNED	4	TIMEON	- TIME ON FOR JOB
1496	(5D8)	SIGNED	4	TIMOFF	- TIME OFF FOR JOB
1500	(5DC)	SIGNED	4	IRTIMON	- READER START TIME THIS JOB
1504	(5E0)	SIGNED	4	IRDATON	- READER START DATE THIS JOB
1508	(5E4)	SIGNED	4	IRTIMOFF	- READER STOP TIME THIS JOB
1512	(5E8)	SIGNED	4	IRDATOFF	- READER STOP DATE THIS JOB
1516	(5EC)	SIGNED	4	CARDCNT	- CARD COUNT
1520	(5F0)	SIGNED	4	ISMAINAM (2)	ACMAIN= FROM / MAIN CARD
1528	(5F8)	SIGNED	4	LOCSAVE (2)	AREA FOR DSID ERROR POINTERS
1536	(600)	BITSTRING	1	CJCTSEST	JCT SE STATUS BYTE
1537	(601)	BITSTRING	1	ISMPSAQ	Main this job must run on
1538	(602)	BITSTRING	1	ISDRSVD (2)	RESERVED FOR DEVELOPMENT
1540	(604)	SIGNED	4	ISINTBJN	BINARY JOB NUMBER
1544	(608)	CHARACTER	8	ISJOBID	JOB IDENTIFIER 2
1552	(610)	SIGNED	4	ISDSTFDB	ADDRESS OF SYMBOL TABLE FDB 0038
1556	(614)	SIGNED	4	ISDCONW	HEX CONVERSION WORK AREA 2
1560	(618)	SIGNED	4	ISNTIDSV (2)	SAVE AREA FOR NET ID \$\$\$
1568	(620)	SIGNED	4	PNAME (2)	
1576	(628)	SIGNED	4	ISPNOTE (3)	- SAVE AREA FOR PBUF NOTE INFORMATION 4
1588	(634)	BITSTRING	1	ISPRMCNT	NO. OF JOB CARD PARAMETERS
1589	(635)	BITSTRING	1	ISDSFLG	DDNAME= QUALIFIER IATISDS
		1...		ISDSPR	"X'80" PROC NAME FOUND
		.1..		ISDSST	"X'40" STEP NAME FOUND
1590	(636)	BITSTRING	1	ISDNMLNG	JCL statement name length 0009 work field 0009
1592	(638)	ADDRESS	4	NJEJHFDB	NJE header FDB
1596	(63C)	ADDRESS	4	NJEJTFDB	NJE trailer FDB
1600	(640)	SIGNED	4	ISDCOMMA	ADDRESS OF COMMA IN PASSWORD

Comment					
1 LINE DELETED BY DCRR DGR0016 D					
End of Comment					

1604	(644)	SIGNED	4	DSNPTR	PTR TO START OF UPDATE DSN
1608	(648)	CHARACTER	8	ISDRNODE	NJE REPORT TO NODE NAME D016
1616	(650)	CHARACTER	8	ISDRUSER	NJE REPORT TO USERID D016
1624	(658)	BITSTRING	12	ICURRJDS	Current JDS buffer FDB
1636	(664)	SIGNED	4	ISDRSVU1 (4)	RESERVED FOR USER
1652	(674)	SIGNED	4	ISDSUBNO	JOBNO OF INTRDR SUBMITTER 0020

Comment					
ISMSGL MESSAGE MF=L MESSAGE MACRO LIST					
\$T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0					
End of Comment					

1656	(678)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
1656	(678)	ADDRESS	4	ISMSGL	Text Address
1660	(67C)	BITSTRING	2		Destination Disp and Mask
1662	(67E)	BITSTRING	1		ACTION flag
1663	(67F)	ADDRESS	1		Options Flag
1664	(680)	BITSTRING	2		Descriptor Codes
1666	(682)	SIGNED	2		Reserved 2 Bytes
1668	(684)	BITSTRING	17		Routing Codes
1685	(695)	BITSTRING	1	(3)	Reserved
1688	(698)	BITSTRING	1	(8)	Jobid
1696	(6A0)	BITSTRING	1	(8)	Jobname
1704	(6A8)	BITSTRING	1	(8)	Key
1712	(6B0)	ADDRESS	4		CNDB Address 1

IATYISD Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1716	(6B4)	ADDRESS	4		CNDB Address 2
1720	(6B8)	ADDRESS	4		CNDB Address 3
1724	(6BC)	ADDRESS	4		CNDB Address 4
1728	(6C0)	ADDRESS	4		CNDB Address 5
1732	(6C4)	ADDRESS	4		MLWO Address

Comment

```

IATYCND_1;;
START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  5647-A01 COPYRIGHT IBM CORP. 1989, 2010
  STATUS= HJS7770
END_OF_PROPRIETARY_STATEMENT
  This data area is maintained as a CASE mapping macro.
  Changes should be made to the CASE source and then
  the PLX and Assembler should be regenerated.
  Do NOT make changes to the PLX or Assembler directly!
01 Descriptive Name: Console Destination Block
  Acronym: CNDB
01 Macro Name: IATYCND_1
01 DSECT Name: IATYCND_1
  --based variable for storage mapping
01 Component: JES3 (SC1BA)
01 Function:
02 The console destination block is a control block that
  contains information related to the destination that
  messages should be sent to. This control block is built
  as commands are entered into to the system and is used by
  command processors as a destination for where to return
  messages to. The control block is imbeded in other
  control blocks and the size of the data area must not
  change (otherwise a JES3 cold start is required). The
  data is referenced by non-source maintained modules, so
  offsets into the data area must not change.
01 Eye-Catcher: CNDBEYE
02 Offset: 4
02 Length: 4
01 Language: PL/X
01 Storage Attributes:
02 Allocation Method: Imbeded within other control blocks
02 Main Storage: 94
02 Virtual Storage: 94
02 Auxiliary Storage: 94
02 Subpool: n/a
02 Key: 1
02 Data Space: N/A
02 Residency: any
02 Frequency: n/a
02 Size: 94
02 Created by: n/a
02 Deleted by: n/a
02 Pointed to by: Imbeded within other control blocks
02 Serialization: none
01 EXTERNAL CLASSIFICATION: DMTI
01 END OF EXTERNAL CLASSIFICATION:
01 Method Of access:
02 ASM: IATYCND_1
02 PLX: %INCLUDE SYSLIB(IATYCND_1)
01 CHANGE ACTIVITY:
  $QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support
  $RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init

```

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
\$T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0					
CASE/390 - VERSION 49					
END OF SPECIFICATIONS					
%					
End of Comment					
1736	(6C8)	SIGNED	4	ISDCNDB (0)	IATYCNDDB.27: based variable for storage mapping
1736	(6C8)	SIGNED	4		Four byte console id 0176
1740	(6CC)	CHARACTER	4		IATYCNDDB eyecatcher
1744	(6D0)	ADDRESS	4		IATYCNDDB version
1748	(6D4)	BITSTRING	8		Reserved for development
1756	(6DC)	BITSTRING	8		Console Name 0176
1764	(6E4)	BITSTRING	24		Reserved for development
1788	(6FC)	SIGNED	2		Reserved for development
1790	(6FE)	BITSTRING	40		Reserved for development

Comment

HALFWORD ALIGNMENT SECTION

End of Comment					
1830	(726)	CHARACTER	2	ASPXXCNT	- DS COUNT
1832	(728)	SIGNED	2	ISFLCNT	CARDS FLUSHED BEFORE //JOB
1834	(72A)	SIGNED	2	ISJCLCT	JESJCL RECORD COUNT
1836	(72C)	SIGNED	2	ISJMSGCT	JESMSGGLG RECORD COUNT
1838	(72E)	SIGNED	2	ISRSVS1	RESERVED FOR SERVICE
1840	(730)	SIGNED	2	ISDLDAY	DEADLINE DAY
1842	(732)	SIGNED	2	ISDLTIME	DEADLINE TIME
1844	(734)	SIGNED	2	IRUCBTYP	READER DEVICE TYPE/CLASS JMR 6
1846	(736)	SIGNED	2	ISJCLBCT	JESJCL byte count
1848	(738)	SIGNED	2	ISJMSGBC	JESMSGGLG byte count
1850	(73A)	SIGNED	2	ISHRSS1 (4)	RESERVED FOR SERVICE
1858	(742)	SIGNED	2	ISHRSU1 (2)	RESERVED FOR DEVELOPMENT
1862	(746)	SIGNED	2	ISHRSU1 (4)	RESERVED FOR USER 5
1870	(74E)	BITSTRING	1	ISMSGJB	JOB'S MSGCLASS
1871	(74F)	BITSTRING	1	ISFLAG13	Input service flag byte 13

Comment

 Definition of ISFLAG13
 These flags are not cleared between jobs.

End of Comment					
		1... ..		ISFL1380	"X'80" Reserved for IBM 5#
		.1.. ..		ISJCNOCL	"X'40" Do not check the job class 0023
		..1.		ISM6111F	"X'20" IAT6111 message to be issued with JOB FLUSHED
		...1		ISMS6111	"X'10" IAT6111 message to be issued
		.... 1..		ISASPCNT	"X'08" ASP-style continuation detected
		.... .1..		ISASPREJ	"X'04" Processing ASP-style JECL that will not be honored
		.... ..1.		ISDNTERQ	"X'02" Non-TSO ENDREQ was issued
		.... ...1		ISDUSID8	"X'01" ISTUSID contains eight- character user id 1
1872	(750)	BITSTRING	1	ISFLAG12	INPUT SERVICE FLAG BYTE

Comment

 DEFINITION OF ISFLAG12
 These flags are not cleared between jobs.

End of Comment

IATYISD Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		1... ..		ISDNODJC	"X'80" DO NOT INCLUDE THIS DJC JOB IN THE MISSING SUCCESSOR PASS
		.1..		ISDRACUV	"X'40" SUBMITTER'S USERID PRESENT IN ISDRACU
		..1.		ISDBADPW	"X'20" ERROR FOUND IN THE PASSWORD 3
1872	(750)	X'1C'	0	ISPAFLGS	"ISPASCAN+ISPASDUP+ISDJSCAN" PASSWORD FLAGS
		...1		ISPASCAN	"X'10" SCANNING FOR PASSWORD= AS A PART OF A COMMENT
		.... 1...		ISPASDUP	"X'08" DUPLICATE PASSWORD
		.... .1..		ISDJSCAN	"X'04" POSSIBLE JOB CARD/STATEMENT CONTINUATION
		.... ..1.		ISDCOMFD	"X'02" FOUND COMMA/SPACE AFTER THE OLD PASSWORD
1873	(751)	BITSTRING	1	ISNULPAS ISBFLG2	"X'01" NULL PASSWORD FOR NJE JOBS - FLAG

Comment

 DEFINITION OF ISBFLG2

End of Comment

		.1..		ISBADSPR	"X'40" - ADDRSPC=REAL FOUND ON JOB
		..1.		ISASCH	"X'20" - ASCHINT JOB STARTING DC59
		...1		ISBPXAS	"X'10" - BPXAS job starting 2
1874	(752)	CHARACTER	2	ISBUXID	CURRENT USER EXIT ID

Comment

INPUT SERVICE FLAGS

NOTE: THE FIELDS ISFLAGS AND ISFLGEND ARE USED FOR clearing the Input Service flags at entry to IATISDV. These flags must be contiguous.

End of Comment

1876	(754)	BITSTRING	1	ISFLAGS (0)	INPUT SERVICE FLAGS
1876	(754)	BITSTRING	1	JCLFLAG1	

Comment

 Definition of JCLFLAG1
 Note that most of JCLFLAG1 is cleared in IATISDV between jobs.

End of Comment

		1... ..		JDELIM	"X'80" - NEW DELIMITER EXISTS
		.1..		JMODEC	"X'40" - DCB=MODE=C SPECIFIED
		..1.		JENDCONT	"X'20" - LAST CARD CONTINUATION
		...1		JNULL	"X'10" - NULL CARD
		.... 1...		JSOUTCNT	"X'08" - SYSIN CONTINUATION
		.... .1..		JDDATA	"X'04" - DD DATA
		.... ..1.		JDDASK	"X'02" - DD *
		.... ..1.		JCFLG101	"X'01" - Reserved
1877	(755)	BITSTRING	1	JCLFLAG2	

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Comment					
----- Definition of JCLFLAG2 Note that most of JCLFLAG2 is cleared in IATISDV between jobs. -----					
----- End of Comment					
		1...		ISRFL280	"X'80" RESERVED FLAG
		.1.		ISRFL240	"X'40" RESERVED FLAG
		..1.		ISACMN	"X'20" ACMAIN= APPEARS ON / MAIN
		...1		ISINTRDR	"X'10" INTERNAL RDR JOB
		.... 1...		ISSADEL	"X'08" DEL CARD FOUND
		.... .1..		IJOURNAL	"X'04" JOURNAL= FOUND ON / MAIN
		.... ..1.		IJRNLYES	"X'02" JOURNAL=YES FOUND ON / MAIN
		.... ...1		ISDATASJ	"X'01" J=YES ON / DATASET
1878	(756)	BITSTRING	1	JCLFLAG3	
----- Comment					
----- Definition of JCLFLAG3 Note that JCLFLAG3 is cleared in IATISDV between jobs. -----					
----- End of Comment					
		1...		ISLENERR	"X'80" INPUT LENGTH ERROR
		.1.		ISLENFLU	"X'40" ERROR MSG SENT
		..1.		JCLF3R20	"X'20" RESERVED FOR SERVICE
		...1		ISADDSPR	"X'10" ADDRSPC=REAL ON JOB CARD
		.... 1...		ISSYSOFF	"X'08" SYSTEM=MAIN-NAME ON / MAIN
		.... .1..		ISNOJOB	"X'04" NO JOB CARD FLAG
		.... ..1.		ISDUPINT	"X'02" MULTIPLE / PROCESS CI
		.... ...1		ISJOBEM	"X'01" JOB CARD ERROR MSG ISSUED
1879	(757)	BITSTRING	1	JCLFLAG4	
----- Comment					
----- Definition of JCLFLAG4 Note that most of JCLFLAG4 is cleared in IATISDV between jobs. -----					
----- End of Comment					
		1...		ISMSS	"X'80" 'MSS=' BEING PROCESSED
		.1.		ISDJCJOB	"X'40" DJC JOB PROCESSED
		..1.		ISPART	"X'20" 'SPART=' WAS HERE ALREADY
		...1		ISMSGLV0	"X'10" MSG LEVEL 0 FOR JCL
		.... 1...		ISDPRGSE	"X'08" PURGE SE BUILT
		.... .1..		ISNUJTAT	"X'04" A NEW JOBTAT HAS BEEN CREATED
		.... ..1.		ISFORCT	"X'02" ILLEGAL FORMAT AC CARD
		.... ...1		ITRKGRRPS	"X'01" 'TRKGRPS' SPECIFIED ON MAIN
1880	(758)	BITSTRING	1	JCLFLAG5	

IATYISD Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

Definition of JCLFLAG5					
Note that most of JCLFLAG5 is cleared in IATISDV between jobs.					

End of Comment					
		1...		ISDTUX33	"X'80" USER EXIT 33 WAS TAKEN
		.1.		ISDTUX34	"X'40" USER EXIT 34 WAS TAKEN
		..1.		ISDTUX44	"X'20" USER EXIT 44 WAS TAKEN
		...1		ISDTBYP5	"X'10" BYPASS USER EXIT
		.... 1...		ISDTRCUR	"X'08" RECURSIVE ENTRY INTO USER EXIT REQUESTED
		.... .1..		ISDTCNT	"X'04" JCL CARD CONTINUED, ENTER THE SAME EXIT
		.... ..1.		ISUPD5ER	"X'02" ILLEGAL UPDATE= DSNAME
		.... ...1		ISDDELIM	"X'01" XMIT DELIMITER ACTIVE 0431
Comment					

Be aware: Most of the flags between ISFLGBEG and ISFLGTRM are cleared in IATISDV between jobs. This includes all of ISFLAG1, ISFLAG4, ISFLAG5, and ISFLAG6, plus most of ISFLAG2 and ISFLAG3. ISJLOGFL is also cleared, along with much of ISFLAG9 and ISFLAG11.					

End of Comment					
1881	(759)	BITSTRING	1	ISFLGBEG (0)	BEGIN FLAGS TO CLEAR OF 0652 RESIDUAL JOB DATA 0652
1881	(759)	BITSTRING	1	ISFLAG1	
Comment					

DEFINITION OF ISFLAG1					

End of Comment					
		1111		IJOBCONT	"X'F0" - JOB CARD CONTINUATION
		.1.1		IJOBDONE	"X'50" - JOBCARD PROCESSED
		..1.		IENDPROC	"X'20" - END PROCESS READ
		.... 1...		IDCB	"X'08" - COLUMN BINARY DATASET
		.... .1..		IDCBFRST	"X'04" - COLUMN BINARY FIRST HALF
		.... ..1.		IPROC	"X'02" - / PROCESS READ
		.... ...1		IFRPBFWR	"X'01" - FRP BUFFER TO BE WRITTEN
1882	(75A)	BITSTRING	1	ISFLAG2	
Comment					

DEFINITION OF ISFLAG2					

End of Comment					
		1...		IRDRPROC	"X'80" - / PROCESS CICONTL ENCOUNTERED
		.1.		IMAINNOT	"X'40" - / MAIN NOT SYSTEM SPECIFICATION
		..1.		IDATASET	"X'20" - / DATASET ENCOUNTERED
		...1		INETCNT	"X'10" - / NET CONTINUATION
		...1		IMAINCNT	"X'10" - / MAIN CONTINUATION

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		...1		IFMTOT	"X'10" - FORMAT OUTPUT CONTINUATION
		.... 1...		IFMATER2	"X'08" - DEVICE TYPE ERROR IN IATISFR
		.... .1..		IJOBSTUP	"X'04" - JOB SETUP SPECIFIED
		.... ..1.		ISORGTSO	"X'02" - JOB ORIGINATED FROM TSO OR 0009 THE JOB THAT SUBMITTED THIS 0009 JOB VIA THE INTRDR HAS A 0009 USERID ASSOCIATED WITH IT 0009 (E.G. *MAIN USERID=) 0009
1883	(75B)	.... ...1 BITSTRING	1	ISCOMENT ISFLAG3	"X'01" - COMMENT CARD NOT YET CHECKED
Comment					
----- DEFINITION OF ISFLAG3 -----					
End of Comment					
		1...		INMLEND	"X'80" - NORMAL END
		.1..		IJBREAD2	"X'40" - JOB CARD READ
		..1.		IEOF	"X'20" - EOF READ
		...1		ISDVPROC	"X'10" - ISDRVR SCHEDULED VIA / PROCESS
		.... 1...		IABEND	"X'08" - ABNORMAL TERMINATION
		.... .1..		IDJCPROC	"X'04" - / PROCESS DJC ENCOUNTERED
		.... ..1.		IFLUSH	"X'02" - CONTROL CARD ERROR
		.... ...1		IDJCMSE	"X'01" - DJC NON-STANDARD DJC JOB HAS MAIN SE
1884	(75C)	.... ...1 BITSTRING	1	ISFLAG4	
Comment					
----- DEFINITION OF ISFLAG4 -----					
End of Comment					
		1...		ILPAREN	"X'80" - LEFT PAREN
		.1..		IPROC2	"X'40" - / PROCESS ENCOUNTERED
		..1.		INITLOGC	"X'20" - ISLOGIC INIT SWITCH
		...1		IDJCER3	"X'10" - INVALID SPECIFICATION OF RELSCHCT
		.... 1...		IBUFF	"X'08" - PROCESS DATA BUFFER
		.... .1..		ILPAREN2	"X'04" - ADDITIONAL LEFT PAREN \$\$\$\$
		.... ..1.		INETPROC	"X'02" - / NET CNTL CARD HAS BEEN PROCESSED
		.... ...1		ISPWCONT	"X'01" - PASSWORD CONTINUATION
1885	(75D)	.... ...1 BITSTRING	1	ISFLAG5	- RESERVED FOR DEVELOPMENT
Comment					
----- DEFINITION OF ISFLAG5 -----					
End of Comment					
		1...		IFMATPRT	"X'80" - / FORMAT PR ENCOUNTERED
		.1..		IFMATAAC	"X'40" - / FORMAT AC ENCOUNTERED
		..1.		ISYSTEM	"X'20" - SYSTEM= PARAMETER SPECIFIED
		...1		IJPRTY	"X'10" - JPRTY SPECIFIED ON MAIN CARD
		.... 1...		ISDLEAPY	"X'08" - DEADLINE LEAP YEAR FLAG
		.... .1..		ISDLPOST	"X'04" - DEADLINE MUST BE POSTED
		.... ..1.		ISSEQACT	"X'02" - SEQUENCE CHECKING ACTIVE
		.... ...1		ISYSTEMS	"X'01" - SPECIFIC SYSTEM= FOUND
1886	(75E)	.... ...1 BITSTRING	1	ISFLAG6	

IATYISD Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Comment -----					
----- DEFINITION OF ISFLAG6 -----					
----- End of Comment -----					
		1... ..		ISMAINSE	"X'80" - MAIN SE IN THIS JOB
		.1.. ..		ISOUTPUT	"X'40" - LAST SE CREATED WAS OUTPUT
		..1.		ISFLGFRE	"X'20" Indicates that the job has been set loose by IATISEN and that the JESTAE routine in IATISDV should not try to return the job number in case an abend occurs.
		...1		ISCISE	"X'10" JOB HAS C/I SE
		.... 1..		ISNETDON	"X'08" NETWORK JOB COMPLETED ISNJ 0155
		.... .1..		ISDXMITS	"X'04" JOB CONTAINS XMIT STATEMENT 0253 2
		.... ..1.		ILCOMMA	"X'02" COMMA FOUND
		.... ...1		ISTYPE	"X'01" - TYPE= PARM PROCESSED 0491
1886	(75E)	X'75F'	0	ISFLGTRM	*** END OF FLAGS TO BE CLEARED 0652 OF RESIDUAL DATA 0652
1886	(75E)	X'6'	0	ISFLGLEN	"ISFLGTRM-ISFLGBEG" LENGTH OF FLAGS TO BE 0652 CLEARED OF RESIDUAL DATA 0652
1887	(75F)	BITSTRING	1	ISFLAG11	0491
----- Comment -----					
----- 0 DEFINITION OF ISFLAG11 0 Note that much of ISFLAG11 is cleared in IATISDV between jobs. ----- 0 -----					
----- End of Comment -----					
		1... ..		ISDRECFL	"X'80" ISIR JESTAE RECURSION FLAG 0491
		.1.. ..		ISD6109	"X'40" ISIR - ISSUE IAT6109 0491
		..1.		ISDPURGE	"X'20" ISPR - / PROCESS PURGE 0491
		...1		ISDPWENC	"X'10" PASSWORD(S) ARE ENCRYPTED
		.... 1..		ISRQJBID	"X'08" REQUEST JOBID JOB
		.... .1..		ISTSOSUB	"X'04" JOB ORIGIN IS FROM A TSO SUB
		.... ..1.		ISHOLDJB	"X'02" Force TYPRUN=HOLD
		.... ...1		ISMPSEQS	"X'01" A main was specified that this job MUST run on 0491
1887	(75F)	X'760'	0	ISFLGEND	*** END OF INPUT SERVICE FLAGS
1887	(75F)	X'C'	0	ISFLAGSZ	"ISFLGEND-ISFLAGS" LENGTH OF IS FLAGS
1888	(760)	CHARACTER	2	ISFLAGS(0)	- USER INPUT SERVICE FLAGS
1888	(760)	BITSTRING	1	ISFLAG7	- RESERVED FOR USER
1889	(761)	BITSTRING	1	ISFLAG8	- RESERVED FOR USER
1890	(762)	BITSTRING	1	ISFLAG9	- FLAG BYTE FOR ISFLAG9
----- Comment -----					
----- Definition of ISFLAG9 Note that much of ISFLAG9 is cleared in IATISDV between jobs. -----					
----- End of Comment -----					
		1... ..		ISDSEL	"X'80" - DEMAND SELECT JOB
		.1.. ..		ISFFRPB	"X'40" - FIRST FRP BUFFER IS FULL
		..1.		ISOTSERV	"X'20" - / PROCESS OUTSERV FOUND
		...1		ISMSGCLS	"X'10" - MSGCLASS SET IN MSG DATASETS
		.... 1..		ISSYSLOG	"X'08" - THIS JOB IS THE SYSTEM LOG
		.... ..1.		ISUX28FL	"X'04" DUMMY USER EXIT 28
		.... ...1.		ISUX29FL	"X'02" DUMMY USER EXIT 29

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1891	(763)	BITSTRING	1	IS28FLSH ISFLAG10	"X'01" FLUSH JOB FROM UX28 - FLAG BYTE FOR ISFLAG10
Comment					
----- DEFINITION OF ISFLAG10 These flags are not cleared between jobs. -----					
End of Comment					
		1... ..		ISMVSTSO	"X'80" MVS/TSO JOB BEING PROCESSED
		.1.. ..		ISCIRSV	"X'40" CI DEFAULT MSGCLASS RSVD
		..1. ..		ISDTHWSP	"X'20" THWSSEP OVERRIDE PRESENT
		...1 ...		ISRESTR	"X'10" INTRDR RESTART
		.... 1..		ISSYMTBL	"X'08" SYMBOL TABLE PRESENT 0038
		.... .1..		ISJOBRS	"X'04" RESTART= IS BEING PROCESSED
		.... .1.		ISDTASET	"X'02" / DATASET PRESENT
		.... ...1		ISDLN	"X'01" - DEADLINE FOUND
1892	(764)	BITSTRING	1	ISSYSTEM	- SYSTEM TYPE FOR THIS JOB
Comment					
----- DEFINITION OF ISSYSTEM Note that ISSYSTEM is cleared in IATISDV between jobs. -----					
End of Comment					
		1... ..		ISANY	"X'80" - UNUSED
		.1.. ..		ISGLOBAL	"X'40" - ANY GLBL SYSTEM FOR THIS JOB
		..1.		ISLOCAL	"X'20" - ANY LCL SYSTEM FOR THIS JOB
		.... .1..		ISANYJES	"X'04" - ANY JES SYSTEM FOR THIS JOB
1893	(765)	BITSTRING	1	ISJOBPTY	JOB PRIORITY
1894	(766)	CHARACTER	1	ISJBFAIL	JOB FAILURE OPTION
1895	(767)	BITSTRING	1	IJDSFLAG	FLAG BYTE FOR IJDSFLAG 0153
Comment					
----- DEFINITION OF IJDSFLAG -----					
End of Comment					
		.... 1..		IJOPEN	"X'08" - OPEN COMPLETE / NO JDS CLOSE
		.... .1..		IJSAME	"X'04" - JDSADDR = IJDSFRST
		.... .1.		IJFIRST	"X'02" - IJDSFRST READ IN
1896	(768)	CHARACTER	8	SDJOBORG	SAVE AREA FOR JOB ORIGIN 0153
1904	(770)	BITSTRING	1	SDFLG	- FLAG BYTE FOR ASPDRDR 0153
Comment					
----- DEFINITION OF SDFLG -----					
End of Comment					
		1... ..		SDRESTR	"X'80" - RESTART
		.1.. ..		SDORGBSC	"X'40" - JOBS FROM RJP TERMINAL
		..1.		SDNOTOPN	"X'20" - FIRST TIME OPENING OF M-R-F
		...1 ...		ISNOPROC	"X'10" - BYPASS '/' CARD IN IATISJL
		.... ...1		SDCKPTJD	"X'01" - NEED TO CKPT JOBS DONE CT
1905	(771)	BITSTRING	1	RDRDSP	- SUBRDR DSP NO 1
1906	(772)	BITSTRING	1	ROUTEFLG	- FLAG BYTE FOR ROUTEFLG

IATYISD Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Comment					
----- DEFINITION OF ROUTEFLG Note that ROUTEFLG is cleared in IATISDV between jobs. -----					
----- End of Comment					
		1...		NJPFORM	"X'80" - UNUSED
		.1.		NORISE	"X'40" - NO RICONTL CARD PROCESSING
		..1.		ISNVDSE	"X'20" INVALID / PROCESS RI \$\$\$\$ /CI FOR DEFINED SYSTEM \$\$\$\$
		.... ..1.		ISNJPIIT	"X'02" UNUSED
		.... ..1		ISLSTINT	"X'01" / PROCESS CI, NO MAIN
		.... 1..		RODEST	"X'08" - DEST KEYWORD FOUND
		.... .1.		ROFROM	"X'04" - FROM KEYWORD FOUND
1907	(773)	BITSTRING	1	JCLFLAG6	FLAG BYTE
----- Comment					
----- DEFINITIONS FOR JCLFLAG6 These flags are not cleared between jobs. -----					
----- End of Comment					
		1...		ISPASWDF	"X'80" JOB CARD PASSWORD PROCESSED
		.1.		JCFLG640	"X'40" RESERVED FOR SERVICE
		..1.		JCLENDCM	"X'20" JCL Ended with a comma
		...1		ISPACONT	"X'10" SCAN PASSWORD CONTINUED
		.... 1..		ISPARON	"X'08" MUST SET ILPAREN
		.... .1.		ISDJNWT	"X'04" IATISNT WAITING FOR INPUT SERVICE ACTIVE COUNT TO BE ZERO FOR THIS NET
		.... ..1.		ISDPAERM	"X'02" PASSWORD ERROR MSG ISSUED
		.... ..1		ISINAPOS	"X'01" ENCLOSED IN APOSTROPHES 0431
1908	(774)	BITSTRING	1	XMITFLAG	0431
----- Comment					
----- DEFINITIONS FOR XMITFLAG 0 -----					
----- End of Comment					
		1...		ISDXDEST	"X'80" 'DEST=' PARM PROCESSED 0431
		.1.		ISDXCONT	"X'40" XMIT STATEMENT CONTINUED 0431
		..1.		ISDXDLMA	"X'20" XMIT DELIMITER ACTIVE 0431
		...1		ISDXREQH	"X'10" REMOTE NODE = HOME NODE 0431
		.... 1..		ISDXQUOT	"X'08" XMIT KEYWORD CONTAINS QUOTE
		.... .1.		ISDXSBCA	"X'04" XMIT SUBCHARS ACTIVE 0431
1908	(774)	X'8'	0	ISDISJN	"8" 0431
----- Comment					
----- REGISTER 8 CONTAINS AN OFFSET INTO A BRANCH TABLE USED WHEN 0 IATISLG CALLS IATISJN. THE FOLLOWING VALUES CAN BE USED TO 0 CALL THE CORRESPONDING SUBROUTINES LOCATED IN IATISJN. 0 -----					
----- End of Comment					
1908	(774)	X'0'	0	ISDSACCT	"0" JNIACCT 0431
1908	(774)	X'4'	0	ISDSROUT	"4" JNIRROUTE 0431

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1908	(774)	X'8'	0	ISDSXMIT	"8" JNIXMIT 0431
1908	(774)	X'C'	0	ISDSXCNT	"12" JNIXMITC 0431 0431
1908	(774)	X'F'	0	ISDISLG	"15" 0431

Comment

----- 0
 REGISTER 15 CONTAINS AN OFFSET INTO A BRANCH TABLE USED 0
 WHEN IATISJN RETURNS TO IATISLG. THE FOLLOWING VALUES CAN 0
 BE USED TO RETURN TO SPECIFIC ENTRY POINTS LOCATED IN 0
 IATISLG. 0

End of Comment

1908	(774)	X'0'	0	ISDABEND	"0" ABEND 0431
1908	(774)	X'4'	0	ISDIN015	"4" IN015 0431
1908	(774)	X'8'	0	ISDIRTRN	"8" JNIRTRN 0431
1908	(774)	X'C'	0	ISDTRP01	"12" JNITRP01 0431
1909	(775)	BITSTRING	3	ISTRCFL (0)	JESTAE FLAGS
1909	(775)	BITSTRING	1	ISJSTAF1	
1910	(776)	BITSTRING	2	ISJSTAFR	RESERVED FOR JES3 (JESTAE)

Comment

 DEFINITION OF ISJSTAF1

End of Comment

		1... ..		ISDSOSE	"X'80" OSE LOCK SET
		.1.. ..		ISDISACT	"X'40" JNCB INPUT SERVICE ACTIVE COUNT (JNISACNT) WAS INCREMENTED
		..1.		ISDJDSTR	"X'20" JDS buffer release required
1912	(778)	BITSTRING	1	ISPRMLVL	MESSAGE LEVEL FROM CI PARMS 4
1913	(779)	BITSTRING	1	ISFLAG14	Input Service flag 14

Comment

 Definition of ISFLAG14
 Note that much of ISFLAG14 is cleared in
 IATISDV between jobs.

End of Comment

		1... ..		ISDN7556	"X'80" ENDREQ w/o OA07556 support and no TSO id present
		.1.. ..		ISJCNV2	"X'40" Job needs C/I service on a main with JES3 V2R1 (or higher) to handle CLASS name >1 character
		..1.		IS613XPD	"X'20" IAT6130/IAT6135 messages due to invalid CLASS name on JOB card, are pending
		...1		ISJBSYSK	"X'10" JOB SYSTEM keyword is being processed
		.... 1...		ISJBSAFK	"X'08" JOB SYSAFF keyword is being processed
		.... .1..		ISJBSAFA	"X'04" SYSAFF with ANY specified
		.... ..1.		ISSYSJOB	"X'02" SYSTEM= parameter specified from JOB statement
		.... ...1		ISDF1401	"X'01" Reserved for IBM
1914	(77A)	BITSTRING	2	ISJNDLM (0)	DLM SAVE AREA
1914	(77A)	BITSTRING	1	ISJNDLM1	1ST CHARACTER OF DLM
1915	(77B)	BITSTRING	1	ISJNDLM2	2ND CHARACTER OF DLM
1916	(77C)	CHARACTER	2	ISDELIM	- DEFAULT DELIMITER
1918	(77E)	CHARACTER	8	ISJOBCLS	0153
1926	(786)	BITSTRING	1	ISPARMCI	CI DEFAULT MSGCLASS
1927	(787)	BITSTRING	1	ISDRSVD3	RESERVED FOR DEVELOPMENT
1928	(788)	BITSTRING	1	ISDLYEAR	DEADLINE YEAR

IATYISD Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1929	(789)	CHARACTER	8	ISDDNAME	INPUT DDNAME 0153
1937	(791)	CHARACTER	4	ISUA	INPUT DEVICE NUMBER (EBCDIC)
1941	(795)	BITSTRING	8	ISDRACU	SUBMITTER'S USER ID 0153
1949	(79D)	BITSTRING	8	ISDRACG	SUBMITTER'S GROUP ID 0153
1957	(7A5)	CHARACTER	8	ISDUSERI	USER= KEYWORD VALUE FROM THE JOB STATEMENT
1965	(7AD)	CHARACTER	8	ISDGROUP	GROUP= KEYWORD VALUE FROM THE JOB STATEMENT
1973	(7B5)	CHARACTER	8	ISDSECLB	SECLABEL= KEYWORD VALUE FROM THE JOB STATEMENT
1981	(7BD)	CHARACTER	8	ISTUSID	- TSO USER ID
1989	(7C5)	CHARACTER	8	ISACMAIN	- TSO MAIN NAME
1997	(7CD)	CHARACTER	2	ISPARMID	PARM ID FOR C/I 0153
1999	(7CF)	BITSTRING	1	ISSRHDSP	- DSP NO FOR SEARCH ARGUMENT
2000	(7D0)	BITSTRING	1	ISCHGDSP	- DSP NO TO CHANGE TO
2001	(7D1)	CHARACTER	1	ISIRCLAS	INTRDR DEFAULT MSGCLASS
2002	(7D2)	BITSTRING	1	ISDSUBMP	Submitting MP sequence # 05212STC
2003	(7D3)	CHARACTER	16	ISSCHENV	Scheduling environment 18588TAA parsed from JOB card 18588TAA
2019	(7E3)	CHARACTER	80	ISCDBUFF	BUFFER 4 CARD LT 80 COL 0153

Comment

0

THE FOLLOWING WORK AREA IS USED TO BUILD A START 0
 COMMAND THAT IS INTERCOM'ED TO DJCUPDAT FOR MISSING 0
 SUCCESSOR PROCESSING. THE ADDRESS OF A MISSING 0
 SUCCESSOR TABLE IS PASSED IN THE COMMAND TEXT. 0
 SINCE THE INTERCOM RESULTS IN A MGCRC (SVC 34) TO 0
 BE ISSUED, THE TABLE ADDRESS IS PASSED IN CHARACTER 0
 FORMAT TO PREVENT THE SVC34 PROCESSOR FROM 0
 PERFORMING CHARACTER TRANSLATION ON THE TABLE ADDR. 0

0

End of Comment

2099	(833)	ADDRESS	1	ISDVINTM	
2100	(834)	CHARACTER	12		1
2112	(840)	CHARACTER	18	ISDVINTD	INTERCOM DATA
2112	(840)	X'840'	0	ISDVINTL	"ISDVINTD,8" SPACE FOR TABLE ADDRESS 0159
2130	(852)	BITSTRING	2		DJCUPDAT MSSG SUCC PASS
2130	(852)	X'854'	0	ISDVINTE	*** END OF COMMAND WORK AREA 0159 2
2132	(854)	SIGNED	4	(0)	

Comment

DATA AREAS FOR NETWORKING INPUT SERVICE

End of Comment

2132	(854)	CHARACTER	20	ISDPNAME	PROGRAMMER NAME - NJE HDRS
2152	(868)	CHARACTER	8	ISDNACCT	NETWORK ACCOUT # - NJE HDRS
2160	(870)	CHARACTER	8	ISUSERID	USER-ID - NJE HDRS
2168	(878)	CHARACTER	8	ISDNDEPT	DEPARTMENT NUMBER -NJE HDRS
2176	(880)	CHARACTER	8	ISDNBLDG	BUILDING NUMBER - NJE HDRS
2184	(888)	CHARACTER	8	ISDNROOM	ROOM NUMBER - NJE HDRS
2192	(890)	SIGNED	4	ISDUSERF	NJE WORK AREA ADDRESS
2196	(894)	SIGNED	4	SDJOBNUM	JES3 job number
2200	(898)	CHARACTER	8	SDUSERID	PROGRAMMER USERID
2208	(8A0)	CHARACTER	8	SDJDORG2	SECONDARY ORIGIN
2216	(8A8)	BITSTRING	1	SDJDNJFL	COPY OF JDABNJE1 FLAG BYTE
2217	(8A9)	BITSTRING	1	SDJDNJF2	COPY OF JDABNJE2 FLAG BYTE
2218	(8AA)	BITSTRING	1	SDJDORGQ	MAIN INDEX
2219	(8AB)	CHARACTER	8	SDJDXEQU	EXECUTION USER ID

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
PASSWORD INFORMATION.					

THE FOLLOWING PASSWORDS ARE OBTAINED FROM THE NJE JOB HEADER AND PUT IN THE ISDRVR'S JDAB WHEN THE JOB ARRIVES AT THIS NODE. ISDRVR SAVES THESE PASSWORDS IN ISDCPWD AND ISDNPWD SO THAT THEY CAN BE TRANSFERED LATER TO THE JOB'S JDAB.					

End of Comment					
2227	(8B3)	BITSTRING	9	ISDCPWD (0)	OLD NJE PASSWORD
2227	(8B3)	BITSTRING	1	ISDCPLN	PASSWORD LENGTH
2228	(8B4)	BITSTRING	8	ISDCPAS	CURRENT PASSWORD
2236	(8BC)	BITSTRING	9	ISDNPWD (0)	NEW NJE PASSWORD
2236	(8BC)	BITSTRING	1	ISDNPLN	NEW PASSWORD LENGTH
2237	(8BD)	BITSTRING	8	ISDNPAS	NEW PASSWORD
Comment					
PASSWORD RELATED TRANSLATE TABLE ADDRESSES.					

End of Comment					
2248	(8C8)	ADDRESS	4	ISDUNHAD	ADDRESS OF TRANSLATE TABLE USED TO UNHASH PASSWORDS
2252	(8CC)	ADDRESS	4	ISDHSHAD	ADDRESS OF TRANSLATE TABLE USED TO HASH PASSWORDS
Comment					
MISCELLANEOUS PASSWORD INFORMATION.					

End of Comment					
2256	(8D0)	ADDRESS	4	ISPASRET	IATISJB PASSWORD ROUTINE RETURN ADDRESS
2260	(8D4)	CHARACTER	9	ISPSWSAV (0)	PASSWORD SAVE AREA USED 0641 FOR THE FOLLOWING: 0641 0641 0641 1) (ISEN) WHEN PASSING A PASSWORD TO SAF FOR 0641 JOB VALIDATION 0641 0641 2) (ISEN) WHEN PASSING A PASSWORD TO SAF FOR 0641 ENCRYPTION 0641 0641 3) (ISNJ) WHEN PASSING A PASSWORD TO SAF FOR 0641 ENCRYPTION 0641 0641
2260	(8D4)	BITSTRING	1	ISPSWSVL	SAVED PASSWORD LENGTH 0641
2261	(8D5)	CHARACTER	8	ISPSWSVD	SAVED PASSWORD DATA 0641
2272	(8E0)	SIGNED	4	ISPASADD	ADDRESS OF VALID PASSWORD
2276	(8E4)	CHARACTER	14	ISDRSVS3	RESERVED FOR SERVICE
2290	(8F2)	BITSTRING	9	ISDOLDPW (0)	WORK AREA FOR OLD PASSWORD
2290	(8F2)	BITSTRING	1	ISDOLDPL	LENGTH OF OLD PASSWORD
2291	(8F3)	BITSTRING	8	ISDOLDPT	OLD PASSWORD TEXT
2299	(8FB)	BITSTRING	9	ISDNEWPW (0)	WORK AREA FOR NEW PASSWORD
2299	(8FB)	BITSTRING	1	ISDNEWPL	LENGTH OF NEW PASSWORD
2300	(8FC)	BITSTRING	8	ISDNEWPT	NEW PASSWORD TEXT
2308	(904)	BITSTRING	1	ISFLAGX	JOB CARD PROCESSING FLAGS

IATYISD Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Comment -----					
DEFINITION OF ISFLAGX -----					
----- End of Comment -----					
		1... ..		ISACTPRO	"X'80" ACCOUNTING INFO PROCESSED
		.1.. ..		ISAPOEFF	"X'40" APOSTROPHE IN EFFECT
		..1.		ISKEYFND	"X'20" JOB CARD KEYWORD FOUND
2309	(905)	BITSTRING	1	ISJLOGFL	JESLOG flag
----- Comment -----					
DEFINITION OF ISJLOGFL ISJLOGFL is cleared in IATISDV between jobs. -----					
----- End of Comment -----					
		1... ..		ISSPIN	"X'80" SPIN was specified
		.1.. ..		ISSUPR	"X'40" SUPPRESS was specified
		..1.		ISNOSPIN	"X'20" NOSPIN was specified
2310	(906)	BITSTRING	2	ISDXSBCS	XMIT SUBCHARS= PARAMETER
2312	(908)	BITSTRING	2	IS6126ER	MSG IAT6126 ERROR CODE
2314	(90A)	BITSTRING	2	IS6126RC	MSG IAT6126 REASON CODE
2316	(90C)	CHARACTER	4	ISDRSVS5	RESERVED FOR SERVICE
2320	(910)	SIGNED	4	ISDACTS1	SAVE AREA FOR POSSIBLE
2324	(914)	SIGNED	4	ISDACTS2	JOB CARD CONTINUATION
2328	(918)	ADDRESS	4	ISDACTIA	RESERVED FOR IBM
2332	(91C)	BITSTRING	1	ISACCCNT	RESERVED FOR IBM
2333	(91D)	BITSTRING	143	ISACCTXT	RESERVED FOR IBM
2476	(9AC)	BITSTRING	4		RESERVED
2480	(9B0)	BITSTRING	1		Reserved for IBM
2481	(9B1)	BITSTRING	1	ISDNJEF1	Network flag
----- Comment -----					
DEFINITION OF ISDNJEF1 -----					
----- End of Comment -----					
		1... ..		ISDTCP	"X'80" Processing TCP node
		.1.. ..		ISDBSC	"X'40" Processing BSC Node
		..1.		ISDNJ120	"X'20" Reserved for IBM
		...1		ISDNJ110	"X'10" Reserved for IBM
		.... 1...		ISDNJ108	"X'08" Reserved for IBM
		.... .1..		ISDNJ104	"X'04" Reserved for IBM
		.... ..1.		ISDNJ102	"X'02" Reserved for IBM
		.... ...1		ISDNJ101	"X'01" Reserved for IBM
2482	(9B2)	BITSTRING	2	ISJNSBCS	EXTRACTED SUBCHARS DELIMITER
2484	(9B4)	SIGNED	4	ISDTRGSV (18)	REGISTER SAVE AREA
2556	(9FC)	BITSTRING	1	ISDNJEFL	NETWORK FLAGS
----- Comment -----					
DEFINITION OF ISDNJEFL -----					
----- End of Comment -----					
		1... ..		ISDXMIT	"X'80" PROCESSING XMIT CARD 0431
		.1.. ..		ISDRROUTE	"X'40" PROCESSING ROUTE CARD 0431

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
		..1.		ISDSNA	"X'20" PROCESSING SNA NODE 0431
		...1		ISDNFLSH	"X'10" FLUSH NETWORK JOB 0431
		.... 1...		ISDNSKCI	"X'08" SKIP CI / MAIN PROCESSING 0431
		.... .1..		ISDNALOW	"X'04" XMIT / ROUTE ALLOWED 0431
		.... ..1.		ISDNSKTK	"X'02" SKIP SECURITY TOKEN PROCESSING 0431
2557	(9FD)	CHARACTER	2	ISDXDLM (0)	0431 0431 XMIT DELIMITER
2557	(9FD)	CHARACTER	1	ISDXDLM1	FIRST BYTE OF DELIMITER
2558	(9FE)	CHARACTER	1	ISDXDLM2	SECOND BYTE OF DELIMITER
2559	(9FF)	CHARACTER	80	ISDSACD	SAVE XMIT DESTINATION CARD 0153
2640	(A50)	SIGNED	4	ISDSAV1	ISLG 2ND BASE REG SAVE AREA
2644	(A54)	SIGNED	4	ISDSAV2	REGISTER SAVE AREA
2648	(A58)	SIGNED	4	ISDSAV3	REGISTER SAVE AREA
2652	(A5C)	BITSTRING	16	ISDTCLK	MVS TIME service data area
2652	(A5C)	SIGNED	4	ISDTIME1	Word 1 of TIME
2656	(A60)	SIGNED	4	ISDTIME2	Word 2 of TIME
2660	(A64)	SIGNED	4	ISDDATE	Current date
2664	(A68)	SIGNED	4	ISDTIME4	Unused
2668	(A6C)	BITSTRING	8	ISDSTCK	STCK work area

Comment

MACDATE 02/15/04

End of Comment

2676	(A74)	SIGNED	4	ISDTIMEL (0)	
2676	(A74)	BITSTRING	28		

Comment

MACDATE 05/30/98

End of Comment

2676	(A74)	SIGNED	4	ISDCTODL (0)	
2676	(A74)	BITSTRING	32		

Comment

 TRANSLATE TABLE TO CHECK FOR ALPHAMERIC OR
 NATIONAL

End of Comment

2708	(A94)	CHARACTER	1	ISDTRT (91)	X'00 TO X'3F' BLANKS 0431 2
2799	(AEF)	BITSTRING	1		TEST BYTE FOR \$
2800	(AF0)	CHARACTER	1	(31)	X'5C TO X'7B' BLANKS
2831	(B0F)	BITSTRING	2		TEST BYTES FOR # AND @
2833	(B11)	CHARACTER	1	(68)	X'7D' TO X'C0' BLANKS
2901	(B55)	BITSTRING	9		TEST BYTES FOR A THRU I
2910	(B5E)	CHARACTER	1	(7)	X'CA TO X'D0' BLANKS
2917	(B65)	BITSTRING	9		TEST BYTES FOR J THRU R
2926	(B6E)	CHARACTER	1	(8)	X'DA TO X'E1' BLANK
2934	(B76)	BITSTRING	8		TEST BYTES FOR S THRU Z
2942	(B7E)	CHARACTER	1	(6)	X'EA TO X'EF BLANK
2948	(B84)	BITSTRING	10		TEST BYTES FOR 0 THRU 9
2958	(B8E)	CHARACTER	1	(6)	X'FA TO X'FF' BLANK
2964	(B94)	CHARACTER	120	ISMSGBLD	MESSAGE BUILD AREA -
3084	(C0C)	CHARACTER	80	ISDSTOKN	SUBMITTOR TOKEN AND PORT OF 0246
3164	(C5C)	CHARACTER	8	ISDPOE	ENTRY FOR INTRDR JOBS 0250
3178	(C6A)	CHARACTER	8	ISDPSTN	Procedure step name 0009
3186	(C72)	CHARACTER	8	ISDSTEPN	Step name 0009
3194	(C7A)	CHARACTER	8	ISDDNAM	SYSIN DD name 0009
3202	(C82)	BITSTRING	2	ISRSVDI	Reserved for IBM
3204	(C84)	ADDRESS	4	ISRCEAD	Chained SRF extension

IATYISD Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
DATA AREAS ADDRESSABLE VIA PRIOR ADDRESS CONSTANTS					
End of Comment					
Comment					
TRANSLATE TABLES					

TRANSLATE TABLE TO LOOK FOR SPECIAL CHARACTERS.					

End of Comment					
4096	(1000)	CHARACTER	256	ISDTRTB (0)	DLM TRT TABLE
4096	(1000)	BITSTRING	1	(193)	SPECIAL CHARS
4289	(10C1)	BITSTRING	1	(9)	FIRST SET OF ALPHABET LETT.
4298	(10CA)	BITSTRING	1	(7)	SPECIAL CHARS
4305	(10D1)	BITSTRING	1	(9)	SECOND SET OF ALPHABET LETT.
4314	(10DA)	BITSTRING	1	(8)	SPECIAL CHARS
4322	(10E2)	BITSTRING	1	(8)	THIRD SET OF ALPHABET LETT.
4330	(10EA)	BITSTRING	1	(6)	SPECIAL CHARS
4336	(10F0)	BITSTRING	1	(10)	NUMBERS RAPRESENTATION
4346	(10FA)	BITSTRING	1	(6)	SPECIAL CHARS
Comment					

TRANSLATE TABLE TO CONVERT LOWER CASE CHARACTERS TO UPPER CASE, AND TO SET UNDEFINED CHARACTERS TO BLANKS.					

End of Comment					
4352	(1100)	CHARACTER	1	ISDTRTBL (74)	X'00' TO X'49' BLANKS
4426	(114A)	CHARACTER	8		X'4A' TO X'50' SP CHARS
4433	(1151)	CHARACTER	1	(9)	X'51' TO X'59' BLANKS
4442	(115A)	CHARACTER	8		X'5A' TO X'61' SP CHARS
4450	(1162)	CHARACTER	1	(8)	X'62' TO X'69' BLANKS
4458	(116A)	BITSTRING	1		X'6A' SPECIAL CHARACTER
4459	(116B)	CHARACTER	5		X'6B' TO X'6F' SP CHARS
4464	(1170)	CHARACTER	1	(9)	X'70' TO X'78' BLANKS
4473	(1179)	BITSTRING	1		X'79' SPECIAL CHARACTER
4474	(117A)	CHARACTER	7		X'7A' TO X'7F' SP CHARS
4480	(1180)	CHARACTER	16		LOWER CASE ALPHA CHARS
4496	(1190)	CHARACTER	16		LOWER CASE ALPHA CHARS
4512	(11A0)	BITSTRING	2		X'A0' BLANK, X'A1' SPEC CHAR
4514	(11A2)	CHARACTER	14		LOWER CASE ALPHA CHARS
4528	(11B0)	CHARACTER	1	(16)	X'B0' TO X'BF' CHARACTERS
4544	(11C0)	BITSTRING	1		X'C0' SPECIAL CHARACTER
4545	(11C1)	CHARACTER	15		UPPER CASE ALPHA CHARS
4560	(11D0)	BITSTRING	1		X'D0' SPECIAL CHARACTER
4561	(11D1)	CHARACTER	15		UPPER CASE ALPHA CHARS
4576	(11E0)	BITSTRING	1		X'E0' SPECIAL CHARACTER
4577	(11E1)	CHARACTER	15		UPPER CASE ALPHA CHARS
4592	(11F0)	CHARACTER	16		

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				

TRANSLATE TABLE FOR UNHASHING A PASSWORD.					
IATSIJS has an unhashing table called JOBSTRTL and					
IATISEN has an unhashing table called JOBPTRTL.					
Keep them and the following table in synch.					

End of Comment					
4608	(1200)	BITSTRING	1	ISDUNHAS (0)	
4608	(1200)	BITSTRING	1		00
4609	(1201)	CHARACTER	5		01-05
4614	(1206)	BITSTRING	42		06-2F
4656	(1230)	CHARACTER	4		30-33
4660	(1234)	BITSTRING	12		34-3F
4672	(1240)	CHARACTER	3		40-42
4675	(1243)	BITSTRING	2		43-44
4677	(1245)	CHARACTER	1		45
4678	(1246)	BITSTRING	1		46
4679	(1247)	CHARACTER	3		47-49
4682	(124A)	BITSTRING	2		4A-4B
4684	(124C)	CHARACTER	5		4C-50
4689	(1251)	BITSTRING	7		51-57
4696	(1258)	CHARACTER	2		58-59
4698	(125A)	BITSTRING	2		5A-5B
4700	(125C)	CHARACTER	2		5C-5D
4702	(125E)	BITSTRING	2		5E-5F
4704	(1260)	CHARACTER	4		60-63
4708	(1264)	BITSTRING	20		64-77
4728	(1278)	CHARACTER	2		78-79
4730	(127A)	BITSTRING	3		7A-7C
4733	(127D)	CHARACTER	2		7D-7E
4735	(127F)	BITSTRING	33		7F-BF
4768	(12A0)	CHARACTER	3		A0-A2
4771	(12A3)	BITSTRING	23		A3-B9
4794	(12BA)	CHARACTER	2		BA-BB
4796	(12BC)	BITSTRING	5		BC-C0
4801	(12C1)	CHARACTER	1		C1
4802	(12C2)	BITSTRING	2		C2-C3
4804	(12C4)	CHARACTER	4		C4-C7
4808	(12C8)	BITSTRING	1		C8
4809	(12C9)	CHARACTER	1		C9
4810	(12CA)	BITSTRING	6		CA-CF
4816	(12D0)	CHARACTER	1		D0
4817	(12D1)	BITSTRING	1		D1
4818	(12D2)	CHARACTER	4		D2-D5
4822	(12D6)	BITSTRING	1		D6
4823	(12D7)	CHARACTER	5		D7-DB
4828	(12DC)	BITSTRING	7		DC-E2
4835	(12E3)	CHARACTER	2		E3-E4
4837	(12E5)	BITSTRING	11		E5-EF
4848	(12F0)	CHARACTER	5		F0-F4
4853	(12F5)	BITSTRING	1		F5
4854	(12F6)	CHARACTER	2		F6-F7
4856	(12F8)	BITSTRING	1		F8
4857	(12F9)	CHARACTER	2		F9-FA
4859	(12FB)	BITSTRING	5		FB-FF

IATYISD Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

TRANSLATE TABLE FOR HASHING A PASSWORD.					

End of Comment					
4864	(1300)	BITSTRING	1	ISDHASH (0)	
4864	(1300)	BITSTRING	91		00-5A
4955	(135B)	BITSTRING	1		X'5B'=\$
4956	(135C)	BITSTRING	31		
4987	(137B)	BITSTRING	1		X'7B'=#
4988	(137C)	BITSTRING	1		X'7C'=@
4989	(137D)	BITSTRING	4		7D-80
4993	(1381)	BITSTRING	9		a-i
5002	(138A)	BITSTRING	7		8A-90
5009	(1391)	BITSTRING	9		j-r
5018	(139A)	BITSTRING	8		9A-A1
5026	(13A2)	BITSTRING	8		s-z
5034	(13AA)	BITSTRING	23		AA-C0
5057	(13C1)	BITSTRING	9		A-I
5066	(13CA)	BITSTRING	7		
5073	(13D1)	BITSTRING	9		J-R
5082	(13DA)	BITSTRING	8		
5090	(13E2)	BITSTRING	8		S-Z
5098	(13EA)	BITSTRING	6		
5104	(13F0)	BITSTRING	10		0-9
5114	(13FA)	BITSTRING	6		
Comment					

USER EXIT WORK AREA - ADDRESSED VIA LABEL ISBUXWA.					

End of Comment					
5120	(1400)	DBL WORD	8	ISUXWA (20)	USER EXIT AREA
Comment					

SECURITY CHECK PARMLIST - ADDRESSED VIA LABEL ISDSECA.					

End of Comment					
5280	(14A0)	BITSTRING	1	ISDSEC (0)	0258
Comment					

JCT BUILD AREA - ADDRESSED VIA LABEL ISJCTBLD.					

End of Comment					
7272	(1C68)	BITSTRING	0	JCTBUILD (0)	JCT BUILD AREA
7272	(1C68)	BITSTRING	1	(0)	JCT BUILD AREA
7272	(1C68)	X'2070'	0	JCTEND	*** END OF JCT BUILD AREA

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
Comment					
----- DEADLINE BUILD WORK AREA. -----					
End of Comment					
8304	(2070)	SIGNED	4	DLBUILD (0)	DEADLINE BUILD AREA
Comment					
----- NJE job Header and Trailer FDBs -----					
End of Comment					
8344	(2098)	BITSTRING	32	ISHDRFDB	FDB of nested NJE JH
8376	(20B8)	BITSTRING	1	ISTRLFDB	FDB of nested NJE JT
Comment					
----- Chained SRF services work area -----					
End of Comment					
8408	(20D8)	BITSTRING	1	ISCSS	Chained SRF services area

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DJSUCLST	
0	(0)	SIGNED	4	DJSUCCHN	CHAIN TO NEXT TABLE
4	(4)	CHARACTER	8	DJSUCJOB	JOB NAME 0153
12	(C)	CHARACTER	8	DJSUCNET	NET ID 0153
12	(C)	X'10'	0	DJENTLEN	"L'DJSUCJOB+L'DJSUCNET"
20	(14)	CHARACTER	144		9 ADDITIONAL ENTRIES
164	(A4)	CHARACTER	4	DJSUCTRM	TERMINATOR 0153
164	(A4)	X'A8'	0	DJSUCEND	*** END OF TABLE
164	(A4)	X'A8'	0	DJSUCLEN	"DJSUCEND-DJSUCLST" LENGTH OF TABLE

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	ISLMLIST	
0	(0)	BITSTRING	1	ISLMFLAG	Flag byte for entry
		1... ..		ISLMCFLG	"X'80" Indicates CSECT required
1	(1)	BITSTRING	1	(3)	Reserved for development
4	(4)	ADDRESS	4	ISLMADDR	Module address
8	(8)	SIGNED	4	ISLMJDE	Address of JDE
12	(C)	CHARACTER	4	ISLMSUFEX	Module name suffix
16	(10)	BITSTRING	1	ISLMLEN (0)	Length of entry

IATYISD Cross Reference

IATYISD Cross Reference

Name

ASPXXCNT
ASRADDR
ASRPTR
CARDCNT
CJCTSE

CJCTSEST
CJDABSE
DIGITS
DJENTLEN
DJSUCCHN

DJSUCEND
DJSUCJOB
DJSUCLEN
DJSUCLST
DJSUCNET

DJSUCTRM
DLBUILD
DL1PTR
DL2PTR
DSNPTR

DVJRETRY
ERRCCHN
ERRCFDB
ERRORPTR
FRPFDB

FRP1PTR
FRP2PTR
IABEND
IATISDT
IATISDT

IBUFF
ICURRFRP
ICURRJDS
IDATASET
IDCB

IDCBFRST
IDJCER3
IDJCMSE
IDJCPROC
IENDPROC

IEOF
IFDBEND
IFDBST
IFLUSH
IFMATAAC

IFMATER2
IFMATPRT
IFMTOT
IFRPBFWR
JBREAD2

JCLFDB
JDFLUSH
JDSCLOS
JDSFLAG
JDSGET

Name

IJDSNOTE
IJSOPEN
IJSREAD
IJESJCLF
IJFIRST

IJOBCONT
IJOBDONE
IJOBSTUP
IOPEN
IJOURNAL

IJPTY
IJRNLYES
IJSAME
ILCOMMA
ILPAREN

ILPAREN2
IMAINCNT
IMAINNOT
IMSGFDB
INETCNT

INETPROC
INEXTRFP
INITLOGC
INMLEND
IPROC

IPROC2
IRDATOFF
IRDATON
IRDRPROC
IRTIMOFF

IRTIMON
IRUCBTYP
ISACCCNT
ISACCTXT
ISACMAIN

ISACMN
ISACTPRO
ISADDSR
ISANY
ISANYJES

ISAPOEFF
ISASCH
ISASPCNT
ISASPREJ
ISBADSPR

ISBFLG2
ISBPXAS
ISBUXID
ISBUXWA
ISCDBUFF

ISCHGDSP
ISCIRSVD
ISCISE
ISCOMENT
ISCRAT

ISCSS
ISCSSAD
ISDABEND
ISDACTIA
ISDACTS1

IATYISD Cross Reference

Name

ISDACTS2
ISDATASJ
ISDBADPW
ISDBSC
ISDCNDB

ISDCOMFD
ISDCOMMA
ISDCONA
ISDCONW
ISDCPAS

ISDCPLN
ISDCPWD
ISDCTODL
ISDDATE
ISDDELIM

ISDDNAM
ISDDNAME
ISDELIM
ISDFDBSV
ISDF1401

ISDGROUP
ISDHASH
ISDHSHAD
ISDIN015
ISDIREPT

ISDIRTRN
ISDISACT
ISDISJN
ISDISLG
ISDJCJOB

ISDJCLST
ISDJSRR
ISDJNWAT
ISJOBID
ISDJSCAN

ISDLBLD
ISDLDAY
ISDLEAPY
ISDLFDB
ISDLFDB1

ISDLID
ISDLN
ISDLOFST
ISDLPOST
ISDLSEQ4

ISDLTIME
ISDLXERC
ISDLYEAR
ISDNACCT
ISDNALOW

ISDNBLDG
ISDNDEPT
ISDNEWPL
ISDNEWPT
ISDNEWPW

ISDNFLSH
ISDNJEFL
ISDNJEF1
ISDNJ101
ISDNJ102

Name

ISDNJ104
ISDNJ108
ISDNJ110
ISDNJ120
ISDNMLNG

ISDNODJC
ISDNPAS
ISDNPLN
ISDNPWD
ISDNROOM

ISDNSKCI
ISDNSKTK
ISDNTERQ
ISDN7556
ISDOLDPL

ISDOLDPT
ISDOLDPW
ISDPAERM
ISDPNAME
ISDPOE

ISDPRGSE
ISDPSTN
ISDPURGE
ISDPWENC
ISDRACG

ISDRACU
ISDRACUV
ISDRECFL
ISDRNODE
ISDROUTE

ISDRSDH1
ISDRSDH2
ISDRSVD
ISDRSVD1
ISDRSVD2

ISDRSVD3
ISDRSVD4
ISDRSVD7
ISDRSVD8
ISDRSVS3

ISDRSVS5
ISDRSVU1
ISDRUSER
ISDSACCT
ISDSACD

ISDSAV1
ISDSAV2
ISDSAV3
ISDSEC
ISDSECA

ISDSECLB
ISDSEL
ISDSFLG
ISDSNA
ISDSOSE

ISDSPR
ISDSROUT
ISDSST
ISDSTCK
ISDSTEPN

IATYISD Cross Reference

Name

ISDSTFDB
ISDSTOKN
ISDSUBMP
ISDSUBNO
ISDSXCNT

ISDSXMIT
ISDTASET
ISDTBYP
ISDTCLK
ISDTCONT

ISDTCP
ISDTHWSP
ISDTIMEL
ISDTIME1
ISDTIME2

ISDTIME4
ISDTRCUR
ISDTRGSV
ISDTRP01
ISDTRT

ISDTRTB
ISDTRTBL
ISDTUX33
ISDTUX34
ISDTUX44

ISDUNHAD
ISDUNHAS
ISDUPINT
ISDUSERF
ISDUSERI

ISDUSID8
ISDVINTD
ISDVINTE
ISDVINTL
ISDVINTM

ISDVPROC
ISDXCONT
ISDXDEST
ISDXDLM
ISDXDLMA

ISDXDLM1
ISDXDLM2
ISDXMIT
ISDXMITS
ISDXQUOT

ISDXREQH
ISDXSBCA
ISDXSBCS
ISD6109
ISFAILOC

ISFDBEND
ISFDBSTR
ISFFRPB
ISFLAGS
ISFLAGSU

ISFLAGSZ
ISFLAGX
ISFLAG1
ISFLAG10
ISFLAG11

Name

ISFLAG12
ISFLAG13
ISFLAG14
ISFLAG2
ISFLAG3

ISFLAG4
ISFLAG5
ISFLAG6
ISFLAG7
ISFLAG8

ISFLAG9
ISFLCNT
ISFLGBEG
ISFLGEND
ISFLGFRE

ISFLGLEN
ISFLGTRM
ISFL1380
ISFORCT
ISGLOBAL

ISHDRFDB
ISHOLDJB
ISHRSD1
ISHRSS1
ISHRSU1

ISINAPOS
ISINTBJN
ISINTRDR
ISIRCLAS
ISJBCLPT

ISJBFAIL
ISJBSAFA
ISJBSAFK
ISJBSYSK
ISJCLBCT

ISJCLCT
ISJCNOCL
ISJCNV2
ISJCTBLD
ISJDBPTR

ISJESJCL
ISJLOGFL
ISJMSGBC
ISJMSGCT
ISJNDLM

ISJNDLM1
ISJNDLM2
ISJNSBCS
ISJOBCLS
ISJOBEM

ISJOBPTY
ISJOBRST
ISJQEHLN
ISJSTAFR
ISJSTAF1

ISKEYFND
ISLENERR
ISLENFLU
ISLMADDR
ISLMCFLG

IATYISD Cross Reference

Name

ISLMDCND
ISLMEND
ISLMFLAG
ISLMISDL
ISLMISDS

ISLMISEN
ISLMISFR
ISLMISJB
ISLMISJL
ISLMISJN

ISLMISLG
ISLMISMN
ISLMISNJ
ISLMISNT
ISLMISPR

ISLMJDE
ISLMLEN
ISLMLIST
ISLMODLS
ISLMRSVD

ISLMSUFY
ISLOCAL
ISLSTINT
ISMAINAM
ISMAINSE

ISMPSEQ
ISMPSEQS
ISMSGBLD
ISMSGCLS
ISMSGJB

ISMSGSL
ISMSGSLV0
ISMSS
ISMS6111
ISMVSTSO

ISM6111F
ISNETDON
ISNJPINT
ISNOJOB
ISNOPROC

ISNOSPIN
ISNTIDSV
ISNUJTAT
ISNULPAS
ISNVLDSE

ISORGTSO
ISOTSERV
ISOUTPUT
ISPACONT
ISPAFLGS

ISPARMCI
ISPARMID
ISPARON
ISPART
ISPASADD

ISPASCAN
ISPASDUP
ISPASRET
ISPASWDF
ISPDBPTR

Name

ISPFDB
ISPNJMSG
ISPNOTE
ISPPTR
ISPRMCNT

ISPRMLVL
ISPSWSAV
ISPSWSVD
ISPSWSVL
ISPWCONT

ISRCEAD
ISRESTRT
ISRFL240
ISRFL280
ISRQJBID

ISRSVDI
ISRSVS1
ISSADEL
ISSCHENV
ISSEQACT

ISSPIN
ISSRHDSP
ISSTADDR
ISSTART
ISSUPR

ISSYMTBL
ISSYSJOB
ISSYSLOG
ISSYSOFF
ISSYSTEM

ISTRCFL
ISTRLFDB
ISTSOSUB
ISTUSID
ISTYPE

ISUA
ISUPDSE
ISUSERID
ISUXWA
ISUX17L

ISUX28FL
ISUX29FL
ISYSTEM
ISYSTEMS
IS28FLSH

IS6126ER
IS6126RC
IS613XPD
ITRKGRPS
JCFLG101

JCFLG640
JCLCURR
JCLENDCM
JCLFLAG1
JCLFLAG2

JCLFLAG3
JCLFLAG4
JCLFLAG5
JCLFLAG6
JCLF3R20

IATYISD Cross Reference

Name

JCTBUILD
JCTEND
JDABADDR
JDABPTR
JDDASK

JDDATA
JDELIM
JDSADDR
JDSCURR
JDSPTR

JENDCONT
JMODEC
JMRADDR
JMRPTR
JNULL

JSOUTCNT
JSTADDR
JSTPADDR
JSTPTR
LOCADDR

LOCSAVE
MSGCURR
NFRPFDB
NJEJHFDB
NJEJTFDB

NJPFFORM
NORISE
OSEADDR
OSEPTR
PCDATCD

PCDPTR
PCDTADDR
PNAME
PWKPTR
RDRDSP

RODEST
ROFROM
ROUTEFLG
SCHBUFDB
SCHPTR

SDCKPTJD
SDFLG
SDINFDB
SDINPTR
SDJDNJFL

SDJDNJF2
SDJDORGQ
SDJDORG2
SDJDXEQU
SDJOBNUM

SDJOBORG
SDNOTOPN
SDORGBSC
SDRESTR
SDUSERID

TATBLD2
TATBUILD
TATPTR
TIMEON
TIMOFF

Name

XMITFLAG

IATYISET Cross Reference

Name

ISEROUT
ISERSVD
ISERSIZE
ISERSNDX
ISERSPSZ

ISERSTRT
ISERSW
ISERETA
ISERUADR
ISERUR

ISERTYP

IATYISPR Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		..1.		ISPRMTFE	"X'20" Fetch messages for mountable volumes should be written to JESMSG LG
		...1		ISPRMTJA	"X'10" Allocation messages for mountable volumes should be written to JESMSG LG
		.... 1...		ISPRMTBK	"X'08" Breakdown messages for mountable volumes should be written to JESMSG LG
88	(58)	SIGNED	2	ISPREND (0)	End of table
88	(58)	BITSTRING	1	ISPRSIZE (0)	

IATYISPR Cross Reference

Name

ISPRALOC
 ISPRCRIO
 ISPRDARC
 ISPRDFCT
 ISPRDSIZ
 ISPREND
 ISPRFECH
 ISPRFLAG
 ISPRJMSG
 ISPRMDRC
 ISPRMTBK
 ISPRMTFE
 ISPRMTIM
 ISPRMTJA
 ISPRMXIO
 ISPRNSRC
 ISPRPRAL
 ISPRPRFE
 ISPRRSV1
 ISPRRSV2
 ISPRRSV3
 ISPRSCRC
 ISPRSDPZ
 ISPRSIZE
 ISPRSORT
 ISPRSTRT

IATYISR Information

IATYISR Heading Information

Common Name: IOSB/SRB PAIR
Macro ID: IATYISR
DSECT Name: IOSB
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: ISR
 Offset: 0
 Length: 4
Storage Attributes: Subpool: 245
 Key: 0
 Residency: Any
Size: 224 Bytes
Created by: IATINIO
Pointed to by: IOPFRISR in IATYIOP,
 ISRPLoad,ISRPHIAD in IATYISR prefix,
 ISRNXISR in IATYISR,
 SRBPARAM of IHASRB
Serialization: NONE
Function: IOSB/SRB pairs used for SPOOL I/O

IATYISR Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0		
Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	SRBSECT	
0	(0)	ADDRESS	4	SRB (0)	
0	(0)	CHARACTER	4	SRBID	EBCDIC ACRONYM FOR SRB OR SSRB.
4	(4)	ADDRESS	4	SRBFLNK	FORWARD CHAIN FIELD
8	(8)	ADDRESS	4	SRBASCB (0)	PTR TO ASCB OF ADDRESS SPACE SRB IS TO BE DISPATCHED TO
8	(8)	BITSTRING	1		RESERVED. DO NOT USE.
9	(9)	ADDRESS	3	SRBASC24	24-bit ASCB address
12	(C)	CHARACTER	8	SRBFLC (0)	SRB AREA MOVED TO LOW CORE
12	(C)	BITSTRING	2	SRBCPAFF	CPU AFFINITY MASK
14	(E)	SIGNED	2	SRBPASID	PURGEDQ ASID IDENTIFIER
16	(10)	ADDRESS	4	SRBPATCB	PURGEDQ TCB IDENTIFIER
20	(14)	ADDRESS	4	SRBEP (0)	ENTRY POINT OF ROUTINE
20	(14)	ADDRESS	4	SRBEPA	ADDRESS OF ENTRY POINT (31-BIT USERS)
		1... ..		SRBMODE	"X'80" ADDRESSING MODE INDICATOR
24	(18)	ADDRESS	4	SRBRMTR (0)	ADDRESS OF RESOURCE MANAGER ROUTINE
24	(18)	ADDRESS	4	SRBRMTRA (0)	ADDRESS OF RESOURCE MANAGER ROUTINE (31-BIT USERS)
24	(18)	BITSTRING	1	SRBRMTR0	Byte 0 of SRBRMTR
		1... ..		SRBRMODE	"X'80" ADDRESSING MODE INDICATOR
25	(19)	BITSTRING	1	(2)	
27	(1B)	BITSTRING	1	SRBRMTR3	Byte 3 of SRBRMTR
		.... ...1		SRBRMTLL	"X'01" When on, the local lock will be held when control is given to the RMTR. The RMTR is allowed to release the local lock before returning, but is not required to do so.
28	(1C)	ADDRESS	4	SRBPARAM	USER PARAMETER
32	(20)	ADDRESS	4	SRBWEB (0)	Address of this SRB's WEB. SERIALIZATION: None OWNERSHIP: Supervisor Control
32	(20)	ADDRESS	4	SRBSAVE	Reserved. Must be Zero. SERIALIZATION: None OWNERSHIP: Supervisor Control
36	(24)	BITSTRING	1	SRBPKF	PROTECT KEY INDICATION
37	(25)	BITSTRING	1	SRBPRIOR (0)	PRIORITY LEVEL INDIC

IATYISR Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
37	(25)	BITSTRING	1	SRBFLGS	SRB OPTION FLAGS
		1... ..		SRBLLREQ	"X'80" LOCAL LOCK REQUIRED
		.1..		SRBLLHLD	"X'40" LOCAL LOCK HELD
		..1.		SRBFRREQ	"X'20" FRR REQUESTED
		...1		SRBFRRCL	"X'10" THIS BIT IS OBSOLETE SINCE FRR PARM AREA ALWAYS CLEARED BY DISPATCHER. RETAINED FOR COMPATIBILITY.
		.... 1...		SRBSUSP	"X'08" SUSPENDED SRB ONLY ON FOR SSRB
		.... .1..		SRBPNONQ	"X'04" NON QUIESCABLE SRB
		.... ....		SRBPSYS	"X'00" SYSTEM PRIORITY LEVEL
38	(26)	BITSTRING	1	SRBHLHI	INDICATION OF SUSPEND LOCKS HELD AT SRB SUSPENSION
39	(27)	BITSTRING	1	SRBFLGS1	SRB TYPE FLAGS.
		1... ..		SRBMAIN	"X'80" SRB/SSRB MUST BE FREEMAINED.
		.1..		SRBSP245	"X'40" SRB/SSRB FROM SUBPOOL 245.
		..1.		SRBBLK24	"X'20" SRB BELOW THE LINE
		...1		SRBXESF	"X'10" Mode=primary FRR - only meaningful if SRBFRREQ is set.
		.... 1...		SRB1STS	"X'08" This SSRB represents the initial schedule of a workunit and has never been dispatched.
		.... .1..		SRBPMCS	"X'04" This SRB is in process-must complete mode
		.... ..1.		SRBMSCHD	"X'02" This SRB was scheduled via the IEAMSCHD macro
		.... ...1		SRBTOKNP	"X'01" This SSRB belongs to the pool created for SUSPEND with SPTOKEN.
40	(28)	ADDRESS	4	SRBFRA (0)	FRR ROUTINE ADDRESS
40	(28)	CHARACTER	3		High three bytes of addr
43	(2B)	CHARACTER	1	SRBFRA3	Low order byte of address
		.... ...1		SRBSD31	"X'01" Set this flag to indicate that the FRR can tolerate an SDWA in 31-bit storage. This is equivalent to the SETFRR SDWALOC31=YES parameter
44	(2C)	SIGNED	4	SRBEND (0)	END OF SRB
44	(2C)	X'2C'	0	SRBSIZE	"SRBEND-SRBSECT" SIZE OF SRB

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	ISRPRFIX	ISR Pool Prefix
0	(0)	CHARACTER	8	ISRPID	Prefix id
8	(8)	ADDRESS	4	ISRPCHN	Pool chain
12	(C)	SIGNED	4	ISRPLEN	Pool size
16	(10)	ADDRESS	4	ISRPLoad	Lowest ISR address
20	(14)	ADDRESS	4	ISRPHIAD	Highest ISR address
24	(18)	SIGNED	4	ISRPRSVD (2)	Round up to x'20' size
24	(18)	X'20'	0	ISRPSIZE	"*-ISRPID" ISR Prefix size

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IOSB	
0	(0)	SIGNED	4	(0)	
0	(0)	CHARACTER	108	IOSBSTD (0)	Length of the IOSB without the extension

Comment

-----IOSFLA bit definitions-----

End of Comment

0	(0)	BITSTRING	1	IOSFLA	Flag byte A
---	-----	-----------	---	--------	-------------

Comment

EQU X'00' ..No CCW chaining

End of Comment

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		1...		IOSDCHN	"X'80" ..Data chaining
		.1..		IOSCCHN	"X'40" ..Command chaining
		11..		IOSACHN	"X'C0" ..Command and data chaining
		..1.		IOSERR	"X'20" ..Error Recovery Routine (ERP) in control. Bit must be set to 0 by the driver. If the ERP returns with this bit set to 1, a retry is requested. If the ERP returns with this bit set to 0, the error is either corrected or to be considered permanent depending on the setting of the IOSEX bit.
		...1		IOSSMDA	"X'10" ..ERP status modifier bit A. Must be set to zero by driver. TAPE- Reposition device. U/R- Immediate operation, CCW OP code in IOSMDB.
		.... 1...		IOSSMDB	"X'08" ..ERP status modifier bit B. Must be set to zero by driver. Set by PCI fetch in appendage for posting: TAPE- CRC needed. DASD- PCI fetch stop flag.
		.... .1..		IOSEX	"X'04" ..Exceptional condition. Upon return from normal or abnormal exit with this bit on, ERP processing is initiated if initial error condition. If bit is set to 0, it is assumed that the exit corrected the condition or did not consider it an error. When the error routine returns with this bit set to a 1 and the IOSERR set to a 0, the error is considered permanent. When the ERP returns with both bits set to 0, the error has been corrected.
		.... ..1.		IOSDOM	"X'02" ..DOM macro required
		.... ...1		IOSIOSB	"X'01" ..IOSB created by IOS. Must be set to zero by driver.

Comment

IOSFLB bit definitions - For Start Subchannel requests.

See redefinition area for modify subchannel requests.

End of Comment

1	(1)	BITSTRING	1	IOSFLB	Flag byte B-----
		1...		IOSDIESE	"X'80" ..Second entry to DIE
		.1..		IOSSDR	"X'40" ..ERP doesnt want OBR
		..1.		IOSNOTRS	"X'20" ..Driver does not require an address space switch on entry to DIE.
		...1		IOSRESRC	"X'10" ..IOS resources are held. Must be initialized to zero by driver. With bit set, the DIE cannot return on codes 12 and 16.
		.... 1...		IOSIONRD	"X'08" ..Set by a driver to request that the I/O request be issued to a not-ready device.
2	(2)	.... .1..	1	IOSMSG	"X'04" ..Message indicator to WTO service 0 = Intervention required msg 1 = I/O error message
		.... ..1.		IOSBDCST	"X'02" ..Broadcast bit
		.... ...1		IOSLOG	"X'01" ..Create an OBR record.
		BITSTRING		IOSFLC	Flag byte C -----
		1...		IOSGDPLP	"X'80" ..With IOSGDP bit set, limit IOSGPMSK field to logically available paths (UCBLPM field).
		.1..		IOSEIDAW	"X'40" ..Extended 4K 8-byte IDAWs
		.1..		IOSVERIF	"X'40" ..Unsolicited device end verification needed for non-DASD devices
		..1.		IOSCC3WE	"X'20" ..Set by a driver to request deferred condition code 3 posting (post code of X'6D')
...1	IOSEXP	"X'10" ..Specific exposure requested. The IOSUCB field contains the specific exposure UCB address and IOSXBASE must contain the UCB prefix of the base exposure.			
.... 1...	IOSNORWS	"X'08" ..No Read/Write Synchronization: Set on by I/O driver to indicate that the channel should not synchronize on read/write transitions when prefetching (IOSP) is also set. The driver insures that the read and writes are from different I/O buffers			

IATYISR Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... .1..		IOS2CSWS	"X'04" ..Two Channel Status Words: Set on by the I/O driver to indicate that when CCW prefetching is requested (IOSP), if an error occurs where the control unit executes ahead of the channel, two ending CCW addresses should be presented to the driver. The second ending CCW address is contained in the IEDB. If this bit is off, an invalid ending CCW address is simulated by IOS
		.... ..1.		IOSNORTY	"X'02" ..No retry allowed.
		.... ..1.		IOSCTCNR	"X'02" ..CTC - No retry allowed
		.... ...1		IOSGDP	"X'01" ..A guaranteed device path has been requested. IOSGPMSK contains the path(s) involved.
Comment					
<p>IOSPROC - This byte indicates what type of special processing that is to be performed for IOS generated IOSBs. This processing normally runs asynchronous to IOS mainline processing. This field must be set to zero by drivers.</p>					
End of Comment					
3	(3)	BITSTRING	1	IOSPROC	IOS special processing procedures
Comment					
EQU X'00' ..Reserved					
End of Comment					
		.... .1..		IOSAPCI	"X'04" ..Intermediate status
		.... 1...		IOSATTN	"X'08" ..Attention
		.... 11..		IOSAPURG	"X'0C" ..Purge
Comment					
EQU X'10' ..Reserved					
End of Comment					
		...1 .1..		IOSAWTO	"X'14" ..WTO
		...1 1...		IOSADDR	"X'18" ..DDR
		...1 11..		IOSADIER	"X'1C" ..DIE Redrive- different UCB
		..1.		IOSAUR	"X'20" ..Unconditional Reserve
		1111 1...		IOSAINTER	"X'F8" ..Interrogate
		1111 1..1		IOSAST1	"X'F9" ..IOS subchannel type 1 request
		1111 1..1		IOSASNRQ	"X'FA" ..IOS sense request
		1111 11..		IOSACLRL	"X'FC" ..CLEAR Subchannel request
		1111 11.1		IOSAHALT	"X'FD" ..HALT Subchannel request
		1111 111.		IOSAMOD	"X'FE" ..MODIFY Subchannel request
		1111 1111		IOSASTOR	"X'FF" ..STORE Subchannel request
Comment					
<p>IOSDVRID - This byte identifies the I/O driver requesting the I/O request. Driver identification values are assigned by IOS.</p>					
End of Comment					
4	(4)	BITSTRING	1	IOSDVRID	Driver identification value
		.... ....		IOSIOSID	"X'00" ..Reserved for IOS
		.... ...1		IOSMISID	"X'01" ..Miscellaneous ID for I/O requests for 24 bit IOS blocks that cannot be purged, associated with a task, or violate extents
		.... ..1.		IOSXCPID	"X'02" ..EXCP Processor
		.... ..11		IOSVSAID	"X'03" ..VSAM
		.... .1..		IOSATMID	"X'04" ..VTAM

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... .1.1		IOSTCMID	"X'05" ..TCAM
		.... .11.		IOSOLTID	"X'06" ..OLTEP
		.... .111		IOSFCHID	"X'07" ..PCI FETCH
		.... 1...		IOSJESID	"X'08" ..JES3
		.... 1..1		IOSSS1ID	"X'09" ..MSC
		.... 1.1.		IOSPRGID	"X'0A" ..IECVIOPM PURGE
		.... 1.11		IOSVPSID	"X'0B" ..VPSS
Comment					
EQU X'0C' ..CRYPTO					
End of Comment					
		.... 111.		IOSAS MID	"X'0E" ..ASM
		.... 1111		IOSMDSID	"X'0F" ..Message Display Service
		...1		IOSAUSID	"X'10" ..Assign/Unassign Service
		...1 ...1		IOSDYPID	"X'11" ..Dynamic Pathing
		...1 ..1.		IOSDAVV	"X'12" ..DAVV
		...1 ..11		IOSDCSID	"X'13" ..Device control service
		...1 ..1..		IOSAOMID	"X'14" ..Asynchronous Operation Manager
		...1 ..1.1		IOSSMSID	"X'15" ..DFSMS
		...1 ..11.		IOSXCFID	"X'16" ..XCF CTC I/O Driver
		...1 ..111		IOSCDRID	"X'17" ..IOS use driver ID
		...1 1...		IOSSLFID	"X'18" ..IOSVSLFD driver ID
		...1 1..1		IOSPAVID	"X'19" ..IOSVIOPA driver ID
		...1 11.1		IOSMI2ID	"X'1D" ..Miscellaneous ID for I/O requests for 31 bit IOS blocks that cannot be purged, associated with a task, or violate extents
		...1 111.		IOSINTID	"X'1E" ..Generic IOS I/O driver ID
		...1 1111		IOSDACID	"X'1F" ..Discovery and AutoConfiguration
		1...		IOSV33ID	"X'80" ..SVC33
		1... ...1		IOSCLRID	"X'81" ..Clear Device Recovery
		1... ..1.		IOSSCRID	"X'82" ..Subchannel Recovery
		1... ..11		IOSV16ID	"X'83" ..SVC16 PURGE
		1... ..1..		IOSAPRID	"X'84" ..Unconditional Reserve
		1... ..1.1		IOSMIHID	"X'85" ..Missing Interrupt Handler
		1... ..11.		IOSPRVID	"X'86" ..I/O Prevention Handler
		1... ..111		IOSRSVID	"X'87" ..Re-reserve service
Comment					

End of Comment					
5	(5)	BITSTRING	1	IOSFLD	Flag byte D
		1...		IOSNOINT	"X'80" ..Set by a driver to request that the I/O request be issued to a device with an intercept condition. The intercept condition is to be saved for the next I/O request.
		.1..		IOSMNORQ	"X'40" ..IOS is not to requeue this IOSB if Start Pending condition is detected (MIH, etc).
		..1.		IOSEPCIF	"X'20" ..Early PCI exit call Flag. Set by the I/O driver to get called from the SLIH, instead of from post status for good intermediate status.
		...1		IOSCCWDS	"X'10" ..Channel program resides in a data space. Set by the I/O driver
		.... 1...		IOSEPCIS	"X'08" ..Early PCI exit Space switch flag. Set by the I/O driver to indicate that IOSVSLIH should CMSET to the driver's address space prior to invoking the PCI exit.
		.... .1..		IOSLIOPF	"X'04" ..Long I/O Post flag set by the I/O driver to indicate that the driver should be posted back if the I/O request will take a long time to complete due to an MIH condition, manual intervention, etc..

IATYISR Map

Offsets		Type/Value.... ..1.	Len	Name (Dim) IOSNOLL	Description
Dec	Hex				
		.... ..1		IOSEXTF	"X'02" Set by the driver to indicate that post status must not get the local lock in order to use the local lock save area, as deadlock could occur. IOSPSLL must also be set on by the driver. "X'01" ..IOSE extension valid
Comment					

End of Comment					
6	(6)	SIGNED	2	IOSASID	Address space identification of address space to be scheduled at termination of I/O request.
Comment					

End of Comment					
8	(8)	ADDRESS	4	IOSPGAD	I/O driver termination address. High order bit defines the addressing mode. For attention processing, the attention address.
Comment					

End of Comment					
12	(C)	BITSTRING	1	IOSPKY	Protect key of IOSPGAD
Comment					

End of Comment					
EQU X'F0' Protect key field					
		.... 1..		IOSLCL	"X'08" ASID schedule at local level
		.... .1..		IOSIDR	"X'04" Asynchronous ERP scheduling should be used for this I/O request (Indirect recording for paging I/O requests).
		.... ..1.		IOSPGDPX	"X'02" This request has a backed up copy (duplexed page).
		.... ...1		IOSCHCMP	"X'01" Driver has a complete channel program, IOS must not build a standard prefix.
Comment					

End of Comment					
13	(D)	BITSTRING	1	IOSCOD	I/O completion code field

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
Completion codes 41 - 5F are reserved for permanent error conditions. These codes will always be the last entry codes to the abnormal end exits.					

Completion codes 60 - 73 are reserved for IOS definition use. These codes indicate conditions that IOS has detected in processing the I/O request.					

Completion codes 74 - 7E denote abnormal conditions for which correction may be possible. These codes denote first entry to abnormal end exits.					

Completion codes 7F denotes normal I/O completion. It does not indicate that the I/O request completed successfully.					

Completion code 49 applies only to Store and Modify Subchannel requests.					
End of Comment					
		.1.. ...1		IOSERRC	"X'41" Permanent I/O error
		.1.. ..1.		IOSEXTC	"X'42" DASD extent error
		.1.. ..11		IOSDPXC	"X'43" Duplexed I/O request was not started because of the UCB level or a not ready device.
		.1.. .1..		IOSINTC	"X'44" Request was intercepted because an error occurred after the last time the device was used and the requestors error recovery procedures wants this intercept condition treated as a permanent error.
		.1.. .1.1		IOSABNC	"X'45" I/O request abnormally terminated because of program check, machine check, etc in IOS or an exit.
		.1.. .11.		IOSCD46	"X'46" Reserved
		.1.. .111		IOSEXTRM	"X'47" I/O request not started - driver Start Subchannel exit (See IOSXSSXA field) requested termination prior to the SSCH being issued.
		.1.. 1...		IOSPRGC	"X'48" I/O request purged.
		.1.. 1..1		IOSCNCLD	"X'49" Store or Modify Subchannel request has been cancelled.
		.1.. 1.1.		IOSPVTIO	"X'4A" I/O Prevention - either the I/O request has not been started or the I/O request has been terminated.
		.1.. 1.11		IOSTAPEC	"X'4B" Error in tape repositioning
		.1.. 11..		IOSIVEXP	"X'4C" Invalid exposure number
		.1.. 11.1		IOSGDPCC	"X'4D" CC=3 - GDP or NIP in control, or with IOSGDPLP set, no logically available paths (UCBLPM).
		.1.. 111.		IOSGDPRD	"X'4E" GDP - Reserved device or in conjunction with IOSRELSE, device cannot be released.
		.1.1		IOSCD50	"X'50" Reserved
		.1.1 ...1		IOSMIHCA	"X'51" The I/O request has been declared in permanent error.
		.1.1 ..1.		IOSMIHSP	"X'52" The I/O request was found pending in the subchannel by IOS, and the driver requested that the IOSB not be requeued(MIH,etc)
		.1.1 ..11		IOSIOTCR	"X'53" IOS cancelled the I/O request due to an I/O timeout condition
		.1.1 .1..		IOSCAPAS	"X'54" The I/O request could not be started. The current address space did not match IOSASID and a Captured UCB address was used in IOSUCB.
		.11. 11.1		IOSGDPWE	"X'6D" CC=3 on all paths with IOSCC3WE bit set- return request to requestor.
		.111 ...1		IOSFTCHC	"X'71" For Fetch driver- hardware corrected data check.
		.111 .1..		IOSMIHC	"X'74" Simulated error status.
		.111 11.1		IOSXERPL	"X'7D" I/O exit requested the ERP to log this request
		.111 111.		IOSFINTC	"X'7E" Intercept condition before entrance to error routine.

IATYISR Map

Offsets		Type/Value .111 1111	Len	Name (Dim) IOSNRMC	Description
Dec	Hex				
Comment					
IOSOPT and IOSOPT2 bit definitions - For Start Subchannel requests. See redefinition area for modify and store subchannel requests.					
End of Comment					
14	(E)	BITSTRING	1	IOSOPT	Options byte
15	(F)	BITSTRING	1	IOSOPT2	Second option byte
Comment					
-----IOSOPT--bit-definitions-----					
End of Comment					
		1...		IOSBYP	"X'80" Bypass IOS channel program prefixing
		.1..		IOSDEP	"X'40" Device end posting requested
		..1.		IOSQISCE	"X'20" This request initiated by a function which has set the quiesce level in the UCB. (This bit should only be set when using the STARTIO macro compatibility interface. All others should place the Quiesce level in the IOSLEVEL field.)
		...1		IOSPSLL	"X'10" If 0, Local lock needed for IOS Post status processing. If 1, Local lock not needed.
		.... 1...		IOSNERP	"X'08" If flag UCBLERP is off, ERPs are not to be used. If UCBLERP is on, ERPs will unconditionally get control. ERPs will only be allowed to perform recovery of non-error unit checks and any additional function as defined by intermediate ERP mask flags. When this flag is on, ERPs may not perform any recovery for error cases except as defined by the ERP mask flags.
		.... .1..		IOSTSLL	"X'04" If 0, Local lock needed by the termination routine. (IOSPSLL bit must be off) If 1, Local lock not needed by the termination routine
		.... ..1.		IOSAPR	"X'02" Alternate path retry active. Must be set to zero by driver.
		.... ...1		IOSRELEASE	"X'01" Request for stand-alone RELEASE CCW to be issued.
Comment					

IOSOPT2 - This byte reflects the I/O driver conditions for initiating an I/O request to the subchannel. See architecture for the meaning of these conditions. This byte also reflects the interrupt status from the IRB.					

End of Comment					
		1...		IOSF	"X'80" If 0, Format 0 CCW channel program. If 1, Format 1 CCW channel program.
		.1..		IOSP	"X'40" If 0, the driver does not want 'Unlimited CCW Prefetch'. If 1, the driver wants 'Unlimited CCW Prefetch' active with the channel program.
		..1.		IOSI	"X'20" If 0, The driver does not want 'Initial Status Interruption' generated. If 1, The driver wants 'Initial Status Interruption' generated.
		...1		IOSA	"X'10" If 1, Address limit check required.
		.... 1...		IOSSI	"X'08" If 1, Suppress Suspend Interrupt.
		.... .1..		IOSZ	"X'04" If 1, Zero condition code to Initial selection.
		.... ..1.		IOSE	"X'02" Extended control information stored with interrupt. (This bit is provided for information only, the stored data cannot be found from the IOSB.)
		.... ...1		IOSN	"X'01" If 1, path not operational.

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
16	(10)	ADDRESS	4	IOSUCB	Unit Control Block (UCB) address, address to common segment.
Comment					
IOSFCSW field - Subchannel Status Word field.					

Format 0 CCW requests - Start Subchannel deferred condition code is stored in IOSCC field and the 3 byte command address in IOSCSWCA (compatible with System/370).					
End of Comment					
20	(14)	BITSTRING	8	IOSFCSW (0)	Eight byte Subchannel CSW
20	(14)	ADDRESS	4	IOSCCWAD	Format 1 CCW address
20	(14)	ADDRESS	4	IOSTCWAD	Ending TCW address for FCX
20	(14)	BITSTRING	1	IOSCC	Start Subchannel deferred CC
		..11		IOSCC3	"X'30" Deferred condition code 3
		...1		IOSCC1	"X'10" Deferred condition code 1
		.... ....		IOSCC0	"X'00" Deferred condition code 0
21	(15)	BITSTRING	7	IOSCSW	Low order 7 bytes of CSW
21	(15)	ADDRESS	3	IOSCSWCA	Format 0 CCW address
24	(18)	BITSTRING	2	IOSTATUS	CSW status bytes
24	(18)	BITSTRING	1	IOSTSA	Device status byte of SCSW
24	(18)	BITSTRING	1	IOSDSTAT	Device status
		1...		IOSDSATN	"X'80" ..Attention
		.1..		IOSDSSM	"X'40" ..Status Modifier
		..1.		IOSDSCUE	"X'20" ..Control Unit End
		...1		IOSDSBSY	"X'10" ..Busy
		.... 1...		IOSDSCE	"X'08" ..Channel End
		.... .1..		IOSDSDE	"X'04" ..Device End
		.... ..1.		IOSDSUC	"X'02" ..Unit Check
		.... ...1		IOSDSUEX	"X'01" ..Unit Exception
25	(19)	BITSTRING	1	IOSTSB	Subchannel status byte
25	(19)	BITSTRING	1	IOSSSTAT	Subchannel status
		1...		IOSSSPCI	"X'80" ..Program-controlled interrupt
		.1..		IOSSSIL	"X'40" ..Incorrect Length
		..1.		IOSSSPGC	"X'20" ..Program Check
		...1		IOSSSPTC	"X'10" ..Protection Check
		.... 1...		IOSSSCDC	"X'08" ..Channel Data Check
		.... .1..		IOSSSCCC	"X'04" ..Channel Control Check
		.... ..1.		IOSSSICC	"X'02" ..Interface Control Check
		.... ...1		IOSSSCC	"X'01" ..Chaining Check
		.... ...1		IOSSSCRF	"X'01" ..Channel subsystem retry failed
26	(1A)	BITSTRING	2	IOSCSWRC	Residual Count
26	(1A)	BITSTRING	1	IOSFCXST	FCX status
27	(1B)	BITSTRING	1	IOSSESTAT	Subchannel extended status
		1...		IOSINTGFAILED	
					"X'80" Interrogate failed
		.111 1111		IOSSSEQ	"X'7F" Subchannel extended status qualifier - see macro IHASESQ
20	(14)	BITSTRING	4	IOSSID	UCB Subsystem-identification word
24	(18)	BITSTRING	4		Reserved
Comment					

End of Comment					
28	(1C)	ADDRESS	4	IOSSRB	Back pointer to I/O requestors SRB
32	(20)	ADDRESS	4	IOSUSE	IOSB owner use field.
36	(24)	ADDRESS	4	IOSIOPID	The I/O prevention identifier (IOPID) that covers this I/O request.

IATYISR Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

End of Comment					
40	(28)	BITSTRING	2	IOSAPMSK (0)	Compatibility label
40	(28)	BITSTRING	2	IOSSCHC (0)	Subchannel Control field which is presented in the subchannel status word(SCSW) of IRB.
40	(28)	BITSTRING	1	IOSSCHC0	Subchannel Control - Byte 0
Comment					
EQU X'80' Reserved for architecture					
End of Comment					
		.111		IOSFC	"X'70" Function Control field
		.1.		IOSFSSCH	"X'40" - Start Subchannel
		..1.		IOSFHSCH	"X'20" - Halt Subchannel
		...1		IOSFCSCH	"X'10" - Clear Subchannel
		.... 1111		IOSAC	"X'0F" Activity Control
		.... 1...		IOSARSCH	"X'08" - Resume Pending
		.... .1..		IOSASSCH	"X'04" - Start Pending
		.... ..1.		IOSAHSCH	"X'02" - Halt Pending
		.... ...1		IOSACSCH	"X'01" - Clear Pending
41	(29)	BITSTRING	1	IOSSCHC1	Subchannel Control - byte 1
		111.		IOSAC2	"X'E0" Activity Control
		1...		IOSASUBA	"X'80" - Subchannel active
		.1..		IOSADEVA	"X'40" - Device active
		..1.		IOSSPND	"X'20" - Subchannel Suspended
		...1 1111		IOSSC	"X'1F" Status Control
		...1		IOSSALRT	"X'10" - Alert Status
		.... 1..		IOSSINTR	"X'08" - Intermediate status
		.... .1..		IOSSPRIM	"X'04" - Primary Status
		.... ..1.		IOSSSEC	"X'02" - Secondary Status
		.... ...1		IOSSPNDG	"X'01" - Status Pending. If 0, Simulated status.
42	(2A)	SIGNED	2	IOSSNS	Sense data - 1st 2 bytes
42	(2A)	BITSTRING	0	IOSSNSBD	"X'10FE" Value supplied to indicate unsuccessful sense
Comment					
End of common IOSB section - start of processing dependent sections					

NML - Normal I/O request processing					
WTO - attention processing					
PCI - Intermediate status processing					
End of Comment					
42	(2A)	X'2C'	0	IOSSECT	***
44	(2C)	ADDRESS	4	IOSIPIB (0)	NML- IPIB address (IOS/Purge) Initially set to zero by driver and not to be reset by exits. PCI- Intermediate status SRB/IOSB chain pointer.
44	(2C)	BITSTRING	1		
45	(2D)	BITSTRING	3	IOSIPIBP	3-byte IPIB address. Used by I/O drivers who wish to reference the IPIB
48	(30)	ADDRESS	4	IOSPCHN	PCI- Ptr to ending status IOSB for Intermediate status SRB/IOSBS. NML- Ptr to 1st intermediate status SRB/IOSB for ending status IOSB.
48	(30)	ADDRESS	4	IOSSCHIB	For Modify and Store Subchannel requests, IOSPCHN contains the address of the SCHIB data associated with the request (Address provided by the caller).
52	(34)	ADDRESS	4	IOSERP	ERP - Error work area address (EWA). Must initially be set to zero by the driver.

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
<p>Caller Exit addresses - High order bit defines addressing mode.</p> <p>-----</p>					
End of Comment					
56	(38)	ADDRESS	4	IOSPCI	Intermediate status exit address or zero
60	(3C)	ADDRESS	4	IOSNRM	Normal end exit address (required)
64	(40)	ADDRESS	4	IOSABN	Anormal end exit address(required)
68	(44)	ADDRESS	4	IOSDIE	Disabled Interrupt Exit address or zero
Comment					
<p>Real Channel program - virtual and real addresses of the first CCW or the FCX TCW</p> <p>-----</p>					
End of Comment					
72	(48)	ADDRESS	4	IOSRST	Real address
76	(4C)	ADDRESS	4	IOSVST	Virtual address
Comment					
<p>-----</p>					
End of Comment					
80	(50)	ADDRESS	4	IOSDSID	Data set identifier(DSID)- purge
84	(54)	BITSTRING	1	IOSLEVEL	IOS serialization level
85	(55)	BITSTRING	1	IOSGPMASK	GDP- Guaranteed Device path mask with IOSGDP bit set. APR- Alternate path retry path mask with IOSAPR bit set.
86	(56)	BITSTRING	2	IOSDCTI	DCTI field from IRB- the I/O request device connect time.
88	(58)	BITSTRING	1	IOSFMSK	Mode set/File mask field.
89	(59)	BITSTRING	1	IOSCKEY	On STARTIO- Channel program protect key. On interrupt- 1st byte of the IRB.
		1111		IOSIRBKY	"X'F0" . Protect key - bits 0-3
		.... 1...		IOSS	"X'08" . Request has Suspend capability
		.... .1..		IOSIRBL	"X'04" . ESW contains logout data
		.... ..11		IOSIRBCC	"X'03" . SSCH Deferred condition code-----
		.... ..11		IOSIRBC3	"X'03" -Deferred condition code 3
		.... ...1		IOSIRBC1	"X'01" -Deferred condition code 1
		.... ....		IOSIRBC0	"X'00" -Deferred condition code 0
Comment					
<p>-----</p>					
End of Comment					
90	(5A)	BITSTRING	1	IOSMDB	ERP immediate CCW op code
91	(5B)	BITSTRING	1	IOSMDM	ERP modifier mask
Comment					
<p>-----</p>					
End of Comment					
92	(5C)	CHARACTER	8	IOSEEK	Static seek address NOTE: CTC section starts at IOSEEK + 4.
Comment					
<p>-----</p>					
End of Comment					

IATYISR Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
100	(64)	CHARACTER	8	IOSEEKA	Dynamic seek address
100	(64)	BITSTRING	1	IOSSKM	M
101	(65)	BITSTRING	2	IOSSKBB	BB
103	(67)	BITSTRING	4	IOCCCHH (0)	CCHH
103	(67)	BITSTRING	2	IOSSKCC	CC
105	(69)	BITSTRING	2	IOSSKHH (0)	HH
105	(69)	BITSTRING	1	IOSSKH1	H
106	(6A)	BITSTRING	1	IOSSKH2	H
107	(6B)	BITSTRING	1	IOSSKR	R
107	(6B)	X'6C'	0	IOSEND	*** End of IO SB w/o extension

Comment

Channel to Channel (CTC) section

End of Comment

96	(60)	DBL WORD	8	IOSCTCDW	Sense command byte CCW slot
101	(65)	BITSTRING	1	IOSCTCMD	CTC command byte from sense if format 0 CCW (IOSF=OFF)
104	(68)	BITSTRING	1	IOSCTCOP	CTC command byte from sense if format 1 CCW (IOSF=ON)

Comment

Attention section - IOS generated IO SB when IOSPROC = X'08'

End of Comment

44	(2C)	BITSTRING	40	IOSATTSN	Additional sense (after IOSNS)
44	(2C)	BITSTRING	30	IOSATSNS	Additional sense data
74	(4A)	BITSTRING	1	IOSATPMK	Attention path mask - path mask of path on which attention interrupt was received
75	(4B)	BITSTRING	1	IOSAFLGS	Attention Flags
		1...		IOSAINTR	"X'80" Indicates that attention routine is requesting intercept processing
		.1..		IOSAINTE	"X'40" Indicates an intercept has been generated for this attention interrupt

Comment

EQU X'20' Unused
 EQU X'10' Unused
 EQU X'08' Unused
 EQU X'04' Unused
 EQU X'02' Unused
 EQU X'01' Unused

End of Comment

76	(4C)	SIGNED	1	IOSAATI	Index to the attention table
77	(4D)	BITSTRING	7		Reserved
84	(54)	BITSTRING	24	IOSATTWA (0)	Attention routine work area
84	(54)	BITSTRING	20	IOSXMSAV	CMSET savearea in IECTCATN
104	(68)	BITSTRING	4		Reserved

Comment

Intermediate status section- IOS generated IO SB when IOSPROC= X'04'

End of Comment

44	(2C)	ADDRESS	4		IOSIPIB field- must not be changed
48	(30)	ADDRESS	4		IOSPCHN field- must not be changed
52	(34)	BITSTRING	32	IOSPCIRS	Intermediate status reserved area
84	(54)	BITSTRING	1	IOSPCIWA	Intermediate status work area

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
IOSB mapping fields for modify and store subchannel requests.					

Fields IOSFLB, IOSOPT and IOSOPT2 are mapped, as follows.					
IOSFLB field bit definitions -- Modify Subchannel requests only					

End of Comment					
		1...		IOSMLPMO	"X'80" If 1, old LPM is to be 'ORED' with new LPM. If 0, old LPM is to BE 'ANDED' with new LPM. This bit valid only if IOSMLPM is on.
		.1..		IOSMPOMO	"X'40" If 1, Old PSW is to be 'ORED' with new POM. If 0, Old POM is to be 'ANDED' with new POM. This bit valid only if IOSMPOM is on.
		..1.		IOSMMMMO	"X'20" If 1, old measurement mode is to be 'ORED' with new new measurement mode. If 0, old measurement mode is to be 'ANDED' with new measurement mode. This bit valid only if IOSMMM is on.
		...1		IOSASIS	"X'10" If 1, IOSMLPMO and IOSMPOMO are ignored, and the old LPM and/or POM are to be replaced by the new LPM/POM.
Comment					
IOSOPT and IOSOPT2 bit definitions					

For Modify and Store Subchannel requests.					
-----IOSOPT-----					
End of Comment					
		1...		IOSSYN	"X'80" If 1, indicates STORE or MODIFY subchannel request is to be done synchronously. If 0, indicates caller can handle asynchronous issuing of STORE or MODIFY Subchannel.
		.1..		IOSNOPTH	"X'40" If 1, indicates for path message request, a conditional no path condition.
Comment					
EQU X'3F' Reserved- initialized to zero					
-----IOSOPT2-----					
End of Comment					
		1...		IOSMISC	"X'80" If 1, interrupt subclass is to be modified by MSCH
		.1..		IOSME	"X'40" If 1, enabled indicator is to be modified by MSCH (IOS use only)
		..1.		IOSMLM	"X'20" If 1, limit mode is to be modified by MSCH
		...1		IOSMMM	"X'10" If 1, measurement mode is to be modified by MSCH
		.... 1...		IOSMLPM	"X'08" If 1, logical path mask is to be modified by MSCH
		.... .1..		IOSMMBI	"X'04" If 1, measurement block index is to be modified by MSCH
		.... ..1.		IOSMPOM	"X'02" If 1, path operational mask is to be modified by MSCH
		.... ...1		IOSMD	"X'01" If 1, dynamic pathing indicator is to be modified by MSCH
Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IOSB	BASE IOSB

IATYISR Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
JES3DM SECTION, ADDR FIELDS OFF IO SB IN IECDIOSB					
End of Comment					
108	(6C)	CHARACTER	4	ISRID	- BLOCK IDENTIFICATION
112	(70)	CHARACTER	1	ISRFLAG1	- FLAG BYTE
Comment					
----- DEFINITION OF ISRFLAG1 -----					
End of Comment					
		1... ..		ISRPERR	"X'80" - CHAN PROG ENDED WITH ERROR
		.1.		ISRRETU	"X'40" ISR RETURNED BY IATDMER
		..1.		ISRDI E	"X'20" - PROCESSED BY DIE ROUTINE.
		...1		ISRJPOST	"X'10" - JES ECB POST REQD
		.... 1..		ISRTERM	"X'08" - PROCESSED BY TERM ROUTINE.
		.... .1..		ISRUERR	"X'04" - COULD NOT IDENTIFY ERROR CP.
		.... ..1.		ISRSIO	"X'02" SIO DONE
		.... ...1		ISRDIOU T	"X'01" EXIT FROM DIE
113	(71)	BITSTRING	1	ISRSYMSK	- SIO SYSTEM MASK SAVE AREA.
114	(72)	BITSTRING	1	ISRFLAG2	FLAG BYTE 2
Comment					
----- DEFINITION OF ISRFLAG2 -----					
End of Comment					
		1... ..		ISRINCMP	"X'80" I/O INCOMPLETE
		.1.		ISRDIEOB	"X'40" ISR OBTAINED BY DIE
		..1.		ISRATPST	"X'20" AUX-TASK POST REQUIRED
		...1		ISRERR	"X'10" ERP HAS BEEN IN CONTROL
		.... 1..		ISRNRMSC	"X'08" 2ND ENTRY TO NORMAL EXIT
		.... .1..		ISRDMITA	"X'04" ENTRY TO DMITA (FOOTPRINT) 0443
		.... ..1.		ISRJESIO	"X'02" At least one JES3 JSAM request included
		.... ...1		ISRIOSTR	"X'01" IATDMDK: I/O being initiated IATDMIT: I/O to be started after a failure in IATDMDK
115	(73)	CHARACTER	1	ISRRSVDU	- RESERVED FOR USER
116	(74)	SIGNED	4	ISREXTEN	- ADDR OF EXTENT TABLE ENTRY
120	(78)	SIGNED	4	ISRCPEND	- ADDR+8 OF LAST CCW IN CHAIN
124	(7C)	SIGNED	4	ISRNXISR	- ISR LINK FIELD
128	(80)	SIGNED	4	ISRERDMC	- ADDR OF DMC HAVING AN I/O ERROR
132	(84)	SIGNED	4	ISRD MFRR	- ADDR OF JES3SDM FRR ROUTINE
136	(88)	SIGNED	4	ISRSAVE (9)	- SAVE AREA FOR START I/O SUBR
172	(AC)	SIGNED	4	ISRTVTAD	ADDRESS OF TVT FOR POST
176	(B0)	SIGNED	4	ISRNXDMC	DMCNXDMC SAVEAREA FOR DMITT
Comment					
SRB SECTION, ADDR FIELDS OFF SRBSECT IN IHASRB					
End of Comment					
180	(B4)	CHARACTER	44	ISRSRB	- SPACE IN DSECT FOR SRB
224	(E0)	DBL WORD	8	ISR FEND (0)	- END OF IATYISR
224	(E0)	X'E0'	0	ISRFSIZE	"ISR FEND-IO SB" - SIZE OF IATYISR

IATYISR Cross Reference**Name**

IOSA
IOSAATI
IOSABN
IOSABNC
IOSAC

IOSACHN
IOSACLR
IOSACSCH
IOSAC2
IOSADDR

IOSADEVA
IOSADIER
IOSAFLGS
IOSAHALT
IOSAHSCH

IOSAINTE
IOSAINTER
IOSAINTR
IOSAMOD
IOSAOMID

IOSAPCI
IOSAPMSK
IOSAPR
IOSAPRID
IOSAPURG

IOSARSCH
IOSASID
IOSASIS
IOSASMID
IOSASNRQ

IOSASSCH
IOSASTOR
IOSAST1
IOSASUBA
IOSATMID

IOSATPMK
IOSATSNS
IOSATTN
IOSATTSN
IOSATTWA

IOSAUR
IOSAUSID
IOSAWTO
IOSB
IOSB

IOSBDCST
IOSBEXTF
IOSBSTD
IOSBYP
IOSCAPAS

IOSCC
IOSCCHH
IOSCCHN
IOSCCWAD
IOSCCWDS

IATYISR Cross Reference

Name

IOSCC0
IOSCC1
IOSCC3
IOSCC3WE
IOSCDRID

IOSCD46
IOSCD50
IOSCHCMP
IOSCKEY
IOSCLRID

IOSCNCLD
IOSCOD
IOSCSW
IOSCSWCA
IOSCSWRC

IOSCTCDW
IOSCTCMD
IOSCTCNR
IOSCTCOP
IOSDACID

IOSDAVV
IOSDCHN
IOSDCSID
IOSDCTI
IOSDEP

IOSDIE
IOSDIESE
IOSDOM
IOSDPXC
IOSDSATN

IOSDSBSY
IOSDSCE
IOSDSCUE
IOSDSDE
IOSDSID

IOSDSSM
IOSDSTAT
IOSDSUC
IOSDSUEX
IOSDVRID

IOSDYPID
IOSE
IOSEEK
IOSEEKA
IOSEIDAW

IOSEND
IOSEPCIF
IOSEPCIS
IOSERP
IOSERR

IOSERRC
IOSEX
IOSEXP
IOSEXTC
IOSEXTRM

IOSF
IOSFC
IOSFCHID
IOSFCSCH
IOSFCSW

Name

IOSFCXST
IOSFHSCCH
IOSFINTC
IOSFLA
IOSFLB

IOSFLC
IOSFLD
IOSFMSK
IOSFSSCH
IOSFTCHC

IOSGDP
IOSGDPCC
IOSGDPLP
IOSGDPRD
IOSGDPWE

IOSGPMSK
IOSI
IOSIDR
IOSINTC
IOSINTGFAILED

IOSINTID
IOSIONRD
IOSIOPID
IOSIOSB

IOSIOSID
IOSIOTCR
IOSIPIB
IOSIPIBP
IOSIRBCC

IOSIRBC0
IOSIRBC1
IOSIRBC3
IOSIRBKY
IOSIRBL

IOSIVEXP
IOSJESID
IOSLCL
IOSLEVEL
IOSLIOPF

IOSLOG
IOSMD
IOSMDB
IOSMDM
IOSMDSID

IOSME
IOSMIHC
IOSMIHCA
IOSMIHID
IOSMIHSP

IOSMISC
IOSMISID
IOSMI2ID
IOSMLM
IOSMLPM

IOSMLPMO
IOSMMBI
IOSMMM
IOSMMMO
IOSMNORQ

IATYISR Cross Reference

Name

IOSMPOM
IOSMPOMO
IOSMSG
IOSN
IOSNERP

IOSNOINT
IOSNOLL
IOSNOPTH
IOSNORTY
IOSNORWS

IOSNOTRS
IOSNRM
IOSNRMC
IOSOLTID
IOSOPT

IOSOPT2
IOSP
IOSPAVID
IOSPCHN
IOSPCI

IOSPCIRS
IOSPCIWA
IOSPGAD
IOSPGDPX
IOSPKEY

IOSPRGC
IOSPRGID
IOSPROC
IOSPRVID
IOSPSLL

IOSPVTIO
IOSQISCE
IOSRELSE
IOSRESRC
IOSRST

IOSRSVID
IOSS
IOSSALRT
IOSSC
IOSSCHC

IOSSCHC0
IOSSCHC1
IOSSCHIB
IOSSCRID
IOSSDR

IOSSECT
IOSSESQ
IOSSESTAT
IOSSI
IOSSID

IOSSINTR
IOSSKBB
IOSSKCC
IOSSKHH
IOSSKH1

IOSSKH2
IOSSKM
IOSSKR
IOSSLFID
IOSSMDA

Name

IOSSMDB
IOSSMSID
IOSSNS
IOSSNSBD
IOSSPNDG

IOSSPRIM
IOSSRB
IOSSSCC
IOSSSCCC
IOSSSCDC

IOSSSCRF
IOSSSEC
IOSSICC
IOSSIL
IOSSPCI

IOSSPGC
IOSSPND
IOSSPTC
IOSSSTAT
IOSS1ID

IOSSYN
IOSTAPEC
IOSTATUS
IOSTCMID
IOSTCWAD

IOSTSA
IOSTSB
IOSTSL
IOSUCB
IOSUSE

IOSVERIF
IOSVPSID
IOSVSAID
IOSVST
IOSV16ID

IOSV33ID
IOSXCFID
IOSXCPID
IOSXERPL
IOSXMSAV

IOSZ
IOS2CSWS
ISRATPST
ISRPCEND
ISRDIE

ISRDIEOB
ISRDIOUT
ISRDMFRR
ISRDMITA
ISRERDMC

ISRERR
ISREXTEN
ISRFEND
ISRFLAG1
ISRFLAG2

ISRFSIZE
ISRID
ISRINCMP
ISRIOSTR
ISRJESIO

IATYISR Cross Reference

Name

ISRJPOST
ISRNRMSC
ISRNXDMC
ISRNXISR
ISRPCHN

ISRPERR
ISRPHIAD
ISRPID
ISRPLEN
ISRPLoad

ISRPRFIX
ISRPRSVD
ISRPSIZE
ISRRETU
ISRRSVDU

ISRSAVE
ISRSIO
ISRSRB
ISRSYMSK
ISRTERM

ISRTVTAD
ISRUERR
SRB
SRBASCB
SRBASC24

SRBBLK24
SRBCPAFF
SRBEND
SRBEP
SRBEPA

SRBFLC
SRBFLGS
SRBFLGS1
SRBFLNK
SRBFRA

SRBFRA3
SRBFRRCL
SRBFRRREQ
SRBHLHI
SRBID

SRBLLHLD
SRBLLREQ
SRBMAIN
SRBMODE
SRBMSCHD

SRBPARM
SRBPASID
SRBPKF
SRBPMCS
SRBPNONQ

SRBPRIOR
SRBPSYS
SRBPTCB
SRBRMODE
SRBRMTLL

SRBRMTR
SRBRMTRA
SRBRMTR0
SRBRMTR3
SRBSAVE

Name

SRBSD31
SRBSECT
SRBSIZE
SRBSP245
SRBSUSP

SRBTOKNP
SRBWEB
SRBXESF
SRB1STS

IATYISTN Information

IATYISTN Heading Information

Common Name: Intermediate SETNAME table entry
Macro ID: IATYISET
DSECT Name: ISTNSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Auxiliary Storage: N/A
 Subpool: 0
Size: ISTNSIZE
Created by: IATINCF
Pointed to by: INTSTNID entry in IATYINT
Serialization: NONE
Function: This data area contains intermediate text for a SETNAME initialization statement.

IATYISTN Map

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)		Description
0	(0)	STRUCTURE	0			
0	(0)	STRUCTURE	0	ISTNSTRT		
Comment						

Name variety of intermediate SETNAME entry.						

End of Comment						
0	(0)	CHARACTER	8	ISTNNAME		Name
8	(8)	BITSTRING	2	ISTNFLAG		Flag bytes
10	(A)	BITSTRING	1	ISTNRSVD		Reserved for development
11	(B)	BITSTRING	2	ISTNRSVS		Reserved for service
13	(D)	BITSTRING	1	ISTNRSVU		Reserved for user
14	(E)	BITSTRING	1	ISTNEND (0)		End of entry
14	(E)	BITSTRING	1	ISTNSIZE (0)		
Comment						

XTYPE variety of intermediate SETNAME entry.						

End of Comment						
0	(0)	BITSTRING	1	ISTNHDRI		Header type indicator
1	(1)	BITSTRING	1	ISTNTYPE		SETNAME type code
2	(2)	CHARACTER	8	ISTNXTYP		XTYPE represented
Comment						

Length used to build a real SETNAME entry out of an intermediate one.						

End of Comment						
2	(2)	X'A'	0	STLENGTH		"ISTNRSVD-ISTNNAME" Length of SETNAMEs

IATYISTN Cross Reference

IATYISTN Cross Reference

Name

ISTNEND
ISTNFLAG
ISTNHDR1
ISTNNAME
ISTNRSVD
ISTNRSVS
ISTNRSVU
ISTNSIZE
ISTNSTRT
ISTNTYPE
ISTNXTYP
STLENGTH

IATYITK Information

IATYITK Programming Interface information

Programming Interface information

IATYITK

The following fields are **NOT** programming interface information:

- *0003
- *0003
- ITKBTRAD
- ITKCFGAD
- ITKCFGTK
- ITKCKI
- ITKCKPAD
- ITKCSRAD
- ITKDEREG
- ITKGRCK
- ITKGRCKT
- ITKICPAD
- ITKLTRC
- ITKNTRCA
- ITKPRMAD
- ITKRGTKN
- ITKSPRAD
- ITKSQE
- ITKS99AD
- ITKVOLAD
- ITKXCKPT
- ITKXSQE
- ITKXTRC

End of Programming Interface information

Heading Information • IATYITK Map

IATYITK Heading Information

Common Name: PARAMETER LIST FOR IATINTK
Macro ID: IATYITK
DSECT Name: ITKPARMS
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: SUBPOOL 0
 Auxiliary Storage: NONE
Size: 199 Bytes
Created by: IATINTK
Pointed to by: Register 6 from Execution of IATINTK to IATINIT. IATINIT then stores contents of Register 6 into the TVT (TVTITKPM).
Serialization: NONE
Function: This data area is the parameter data area contained in IATINTK--the mother task for JES3 and address spaces utilizing FSS alternate NUCLEUS support.

IATYITK Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	ITKPARMS	
0	(0)	CHARACTER	4	ITKID	Eyecatcher
4	(4)	SIGNED	4	ITKINDAT	SYSTEM START DATE
8	(8)	SIGNED	4	ITKINTIM	SYSTEM START TIME
12	(C)	CHARACTER	2	ITKMEMBR	Inish member suffix
14	(E)	BITSTRING	2	ITKRSVDA	Reserved for IBM
16	(10)	SIGNED	4	ITKRSVDD (2)	Reserved for IBM 6
24	(18)	ADDRESS	4	ITKCKI	ADDR OF CHECKPOINT DATA AREA 3
28	(1C)	ADDRESS	4	ITKSMF43	SMF TYPE 43 RECORD
32	(20)	ADDRESS	4	ITKS99TM	Temporary S99 chain during dynamic change
36	(24)	SIGNED	4	ITKRSVD3 (5)	Reserved for IBM
56	(38)	ADDRESS	4	ITKICPAD	INISH CHECKPOINT RECORD ADDR
60	(3C)	ADDRESS	4	ITKS99AD	DYNALLOC CKPNT RECORD ADDRESS
64	(40)	ADDRESS	4	ITKCKPAD	JESCKPNT CKPNT RECORD ADDRESS
68	(44)	ADDRESS	4	ITKVOLAD	SPOOL VOLUMES CKPNT RECORD ADDR
72	(48)	ADDRESS	4	ITKSPRAD	SPOOL PART CKPNT RECORD ADDR
76	(4C)	ADDRESS	4	ITKCSRAD	CSR CHECKPOINT RECORD ADDR
80	(50)	ADDRESS	4	ITKBTRAD	BADTRACK CKPNT RECORD ADDR
84	(54)	ADDRESS	4	ITKCFGAD	Configuration services entry point
88	(58)	SIGNED	4	ITKCFGTK	Configuration services token
92	(5C)	ADDRESS	4	ITKMSTEP	Main status services entry point
96	(60)	SIGNED	4	ITKMSTKN	Main status services token
100	(64)	SIGNED	4	ITKMSTRC	Main status services rc
104	(68)	SIGNED	4	ITKMSTRS	Main status services rsn

Comment

TKMSTLS IATXMSTA MF=L Main status services

End of Comment

Comment

\$T7= SPOOLADD HJS7780 100430 PD0PK: z 1.13.0
IATXMSTA MF=L

End of Comment

108	(6C)	SIGNED	4	ITKMSTLS (0)	
108	(6C)	ADDRESS	4		System status services token address
112	(70)	ADDRESS	4		System name address
116	(74)	SIGNED	4	(2)	Reserved for IBM
116	(74)	X'10'	0	ITKMSTLN	** -ITKMSTLS" Length of parameter list

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
124	(7C)	ADDRESS	4	ITKXTRC	IATGRTX ENTRY ADDRESS
128	(80)	SIGNED	4	ITKLTRC	LAST TRACE POINTER
132	(84)	SIGNED	4	ITKTVTAD	JES3 TVT address 0051
136	(88)	SIGNED	4	ITKJ3TCB	JES3 NUC TCB 0051
140	(8C)	SIGNED	4	ITKCOMAD	JES3 COMM (IEZCOM) address 0051
144	(90)	ADDRESS	4	ITKWRTAD	Write routine address for 0051 exception analysis etc. 0051
148	(94)	SIGNED	4	ITKACFCT	Active FCT monitor parms. 0051
152	(98)	SIGNED	4	ITKMNECB	Active FCT monitor ECB addr.0051
156	(9C)	SIGNED	4	ITKCECB	Active FCT monitor command 0051 ECB 0051
156	(9C)	X'4'	0	ITKPMON	"4" Stop FCT monitor command 0051 was issued 0051
156	(9C)	X'8'	0	ITKSTMON	"8" Start monitor command was 0051 issued 0051
160	(A0)	SIGNED	4	ITKAMTCB	Active FCT Monitor TCB 0051 address 0051
164	(A4)	SIGNED	4	ITKCIBPT	CIB pointer for Modify 0051
168	(A8)	SIGNED	4	ITKSSCT	JES3 SSCT POINTER
172	(AC)	SIGNED	4	ITKSSVT	JES3 SSVT POINTER
176	(B0)	SIGNED	4	ITKUXPM	USER EXIT PARAMETERS ADDRESS
		1...		ITKPRMFL	"X'80" HIGH ORDER BIT OF ITKUXPM 0 - PARM AREA EXISTS 1 - PARM AREA DOESN'T EXIST 1
180	(B4)	CHARACTER	8	ITKQNAME	JES3 MAJOR NAME FOR ENQ/RESRV
188	(BC)	ADDRESS	4	ITKMYTCB	IATINTK TCB address 0005
192	(C0)	SIGNED	4	ITKRSVD4	Reserved for IBM
196	(C4)	ADDRESS	4	ITKINDTA	Address of IATINDT
200	(C8)	ADDRESS	4	ITKMSGBF	Address of message buffer chain to be formatted in IATMOSPL
204	(CC)	BITSTRING	8	ITKLSTST	System last start time 11565S5A
212	(D4)	SIGNED	4	ITKRSVS (3)	Reserved for IBM
224	(E0)	ADDRESS	4	ITKDEREG	Deregistration routine addr 0003
228	(E4)	BITSTRING	8	ITKRGTKN	JES3 registration token 0003
236	(EC)	SIGNED	4	ITKNTRCA	ADDRESS OF NUC PATH TRACE TABLE
240	(F0)	SIGNED	4	ITKSQE	STORAGE QUEUE
244	(F4)	SIGNED	4	ITKRSVU (2)	RESERVED FOR USER
252	(FC)	BITSTRING	4	ITKTOKEN	CONTENTS OF TOKEN FROM START
		1...		ITKTOKFL	"X'80" TOKEN EXISTS - IN ITKTOKEN
256	(100)	SIGNED	4	ITKFSID (0)	FSS IDENTIFIER
256	(100)	SIGNED	2	ITKFSSID	FSS PORTION OF FSS ID
258	(102)	SIGNED	2	ITKFSAID	FSA PORTION OF FSA ID
260	(104)	CHARACTER	8	ITKFSSIN	FSS INIT MODULE NAME (PARSED FROM MVS START COMMAND)
268	(10C)	ADDRESS	4	ITKPRMAD	ADDR OF START CMD PARM LIST

Comment

----- 0
ITKFSFLG - Function specific flag byte. 0
----- 0

End of Comment

272	(110)	BITSTRING	1	ITKFSFLG	Function Specific flag byte
		1...		ITKFSSAD	"X'80" MODULE EXECUTING IN FSS ADSP
		.1.		ITKCIFSS	"X'40" CI FSS ADDRESS SPACE
		..1.		ITKUJCTR	"X'20" IATUTJCT utility read only
		...1		ITKUJCTW	"X'10" IATUTJCT utility read/write
		.... 1...		ITKDYNCH	"X'08" Dynamic change request (*F,CONFIG command)

Comment

----- 0
ITKFLAG2 - Flag byte 2. 0
----- 0

End of Comment

273	(111)	BITSTRING	1	ITKFLAG2	Flag Byte 2 0025
		1...		ITKPRVIC	"X'80" Previous cold or warm start 0025 was incomplete 0025

IATYITK Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.1..		ITKNOCSR	"X'40" There is no CSR (because of 0025 error, or new checkpoint) 0025
		..1.		ITKNOREQ	"X'20" NOREQ PARM was specified 0051
		...1		ITKAUXWT	"X'10" IAT6410 WTOR issued for the 0051 Aux task 0051
		.... 1...		ITKRTRYF	"X'08" Allocation should be 02479SLC retried if it fails and 02497SLA the operator requests it. 02497SLA Initialization should 02497SLA fail if the allocation 02497SLA fails. 02497SLA
		.... .1..		ITKF2R04	"X'04" Reserved for IBM 0025
		.... ..1.		ITKF2R02	"X'02" Reserved for IBM 0025
		.... ...1		ITKF2R01	"X'01" Reserved for IBM 0025
274	(112)	SIGNED	2	ITKCSRUS	CSR DISPL TO OWN ENTRY
276	(114)	SIGNED	2	ITKS99CT	Number of DYNALLOC statements
Comment					
----- 0					
ITKTKFLG - Local use flags. 0					
----- 0					
End of Comment					
278	(116)	BITSTRING	1	ITKTKFLG	FLAGS - LOCAL USE
		1...		ITKCSRDN	"X'80" CSR WRITTEN, INISH FAILURE
		.1..		ITKNODMP	"X'40" DO 2FB/NODUMP
		..1.		ITKAUTOR	"X'20" JES3 is in auto-restart mode (i.e. it is restarting automatically)
		...1		ITKARCFG	"X'10" Auto-restart was initiated due to a configuration change
		.... 1...		ITKAROPR	"X'08" Auto-restart was initiated by the operator 05925SUA
		.... .1..		ITKARCFA	"X'04" Auto-restart was initiated 05925SUA due to the abend of a 05925SUA critical FCT 05925SUA 05925SUA
		.... ..1.		ITKARBEA	"X'02" Auto-restart was initiated because of repetitive failures
		.... ...1		ITKFLR02	"X'01" Reserved for IBM 05925SUA 05925SUA
278	(116)	X'3E'	0	ITKAUTFL	"ITKAUTOR+ITKARCFG+ITKAROPR+ITKARCFA+ITKARBEA" All auto-restart flags 05925SUA
279	(117)	BITSTRING	1	ITKFLAG	INISH FLAGS (SAME AS TVTVS2F1)
280	(118)	BITSTRING	1	ITKSTFLG	START TYPE (SAME AS TVRSTFLG)
Comment					
----- 0					
ITKGSFLG - Start Restriction flags. 0					
----- 0					
End of Comment					
281	(119)	BITSTRING	1	ITKGSFLG	START RESTRICTIONS
		1...		ITKSTC	"X'80" Cold start required
		.1..		ITKSTCW	"X'40" Cold or warm start required
		..1.		ITKSTL	"X'20" Local start (not hot)
		...1		ITKSTWRN	"X'10" Other processors are up
		.... 1...		ITKSTGBL	"X'08" Global in cold/warm start
		.... .1..		ITKSTME	"X'04" This processor defined in CSR
		.... ..1.		ITKSCWHR	"X'02" Cold, warm, or hot start with refresh required
282	(11A)	CHARACTER	44	ITKINDSN	The data set name (DSNAME=) on JES3IN DD statement
Comment					

End of Comment					
326	(146)	SIGNED	2	ITKOLDGL	CSR offset of the old 0005 global for DSI reversal 0005

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				

CHECKPOINT ACCESS METHOD ENTRY POINTS					

End of Comment					
328	(148)	ADDRESS	4	ITKGRCKT	CKPT TERMINATION E.P.-IATGRCKT
332	(14C)	ADDRESS	4	ITKXCKPT	IATXCKPT SERVICE E.P.-IATGRCKP
336	(150)	ADDRESS	4	ITKGRCK	CKPT INISH E.P.-IATGRCK
340	(154)	SIGNED	4	ITKM3098	DOM id for auto-restart message - IAT3098
344	(158)	CHARACTER	4	ITKSSNM	SS NAME FROM START COMMAND
348	(15C)	SIGNED	4	ITKXSQE	STORAGE Q MANAGER ADDRESS
352	(160)	CHARACTER	23	ITKFSMSG (0)	FSS PORTION OF WTO MESSAGE
352	(160)	CHARACTER	4		
356	(164)	CHARACTER	8	ITKFSSNM	FSS NAME FROM START COMMAND
364	(16C)	CHARACTER	7		
371	(173)	CHARACTER	4	ITKEASID	EBCDIC ADDRESS SPACE ID
371	(173)	X'177'	0	ITKEND	*** END OF AN ENTRY
371	(173)	X'177'	0	ITKSIZE	"ITKEND-ITKPARMS" SIZE OF AN ENTRY

IATYITK Cross Reference

Name

ITKACFCT
 ITKAMTCB
 ITKARBEA
 ITKARCFA
 ITKARCFG
 ITKAROPR
 ITKAUTFL
 ITKAUTOR
 ITKAUXWT
 ITKBTRAD
 ITKCFGAD
 ITKCFGTK
 ITKCIBPT
 ITKCIFSS
 ITKCKI
 ITKCKPAD
 ITKCMECB
 ITKCOMAD
 ITKCSRAD
 ITKCSRDN
 ITKCSRUS
 ITKDEREG
 ITKDYNCH
 ITKEASID
 ITKEND
 ITKFLAG
 ITKFLAG2
 ITKFLR02
 ITKFSID
 ITKFSFLG
 ITKFSID
 ITKFSMSG
 ITKFSSAD
 ITKFSSID
 ITKFSSIN

IATYITK Cross Reference

Name

ITKFSSNM
ITKF2R01
ITKF2R02
ITKF2R04
ITKGRCK

ITKGRCKT
ITKGSFLG
ITKICPAD
ITKID
ITKINDAT

ITKINDSN
ITKINDTA
ITKINTIM
ITKJ3TCB
ITKLSTST

ITKLTRC
ITKMEMBR
ITKMNECB
ITKMGBF
ITKMSTEP

ITKMSTKN
ITKMSTLN
ITKMSTLS
ITKMSTRC
ITKMSTRS

ITKMYTCB
ITKM3098
ITKNOCSE
ITKNODMP
ITKNOREQ

ITKNTRCA
ITKOLDGL
ITKPARMS
ITKPMON
ITKPRMAD

ITKPRMFL
ITKPRVIC
ITKQNAME
ITKRGTKN
ITKRSVDA

ITKRSVDD
ITKRSVD3
ITKRSVD4
ITKRSVS
ITKRSVU

ITKRTRYF
ITKSCWHR
ITKSIZE
ITKSMF43
ITKSPRAD

ITKSQE
ITKSSCT
ITKSSNM
ITKSSVT
ITKSTC

ITKSTCW
ITKSTFLG
ITKSTGBL
ITKSTL
ITKSTME

Name

ITKSTMON
ITKSTWRN
ITKS99AD
ITKS99CT
ITKS99TM

ITKTKFLG
ITKTOKEN
ITKTOKFL
ITKTVTAD
ITKUJCTR

ITKUJCTW
ITKUXPM
ITKVOLAD
ITKWRTAD
ITKXCKPT

ITKXSQE
ITKXTRC

IATYITR Information

IATYITR Heading Information

Common Name: Internal Trace Record Map
Macro ID: IATYITR
DSECT Name: ITRCHDR, ITRCNTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: ITR
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: JES3 Private
 Auxiliary Storage: N/A
 Subpool: 252
 Key: 1
 Residency: Any
Size: ITRCSIZE
Created by: IATABMN
Pointed to by: TVTXITRC in IATYTVTX
Serialization: None
Function: This macro is used to map the JES3 Internal Trace Table header and individual entries.

IATYITR Map

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)		Description
0	(0)	STRUCTURE	0	ITRCHDR		
0	(0)	CHARACTER	4	ITRCEYE		Eye catcher
4	(4)	ADDRESS	4	ITRCC1ST		1st physical trace entry
8	(8)	ADDRESS	4	ITRCCLST		Last physical trace entry
12	(C)	ADDRESS	4	ITRCCCUR		Current entry while in Failsoft, otherwise the last entry used
16	(10)	SIGNED	4	ITRCELEN		Size of one entry
20	(14)	ADDRESS	4	ITRCBEAT		Breaking event address table pointer
24	(18)	SIGNED	2	ITRCRFHW		High-water mark of Breaking Event Address entries with the same BEA

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)		Description
0	(0)	STRUCTURE	0	ITRCNTRY		
0	(0)	CHARACTER	8	ITRCTMDT		TIME, DATE OF ENTRY TO ABMN
0	(0)	X'0'	0	ITRCTIME		"ITRCTMDT,4" TIME OF ENTRY TO ABMN
0	(0)	X'4'	0	ITRCDATE		"ITRCTMDT+4,4" DATE OF ENTRY TO ABMN
8	(8)	SIGNED	4	ITRCREGS (0)		R0,R1 ON ENTRY TO ABMN
8	(8)	SIGNED	4	ITRCREG0		R0 ON ENTRY TO ABMN
12	(C)	SIGNED	4	ITRCREG1		R1 ON ENTRY TO ABMN
16	(10)	CHARACTER	8	ITRCEC1		PSW AT TIME OF FAILURE
24	(18)	SIGNED	4	ITRCABCC		ABEND CC
28	(1C)	CHARACTER	1	ITRCACF2		ADDITIONAL PROCESSING REQUESTS
29	(1D)	CHARACTER	1	ITRCILC1		INSTRUCTION LENGTH CODE
30	(1E)	BITSTRING	1	ITRCGFLG		General flag byte
		1... ..		ITRCGNPD		"X'80" No dump was requested
		.1.. ..		ITRCGR40		"X'40" Reserved for IBM
		..1.		ITRCGR20		"X'20" Reserved for IBM
		...1		ITRCGR10		"X'10" Reserved for IBM
		.... 1...		ITRCGR08		"X'08" Reserved for IBM
		.... .1..		ITRCGR04		"X'04" Reserved for IBM
		.... ..1.		ITRCGR02		"X'02" Reserved for IBM
		.... ...1		ITRCGR01		"X'01" Reserved for IBM
31	(1F)	BITSTRING	1	ITRCRSV		Reserved for IBM
32	(20)	SIGNED	4	ITRCRC		Reason code 0009
36	(24)	BITSTRING	4	ITRCFLGS (0)		INPUT FLAGS
36	(24)	CHARACTER	1	ITRCERRA		ERROR TYPE

IATYITR Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
37	(25)	CHARACTER	1	ITRCERRB	ADDITIONAL ERROR INFORMATION
38	(26)	CHARACTER	1	ITRCERRC	ADDITIONAL ERROR INFORMATION
39	(27)	CHARACTER	1	ITRCERRD	ADDITIONAL ERROR INFORMATION
40	(28)	CHARACTER	1	ITRCMCHD	MACHINE CHECK ERROR INFORMATION
41	(29)	CHARACTER	1	ITRCFSIN	FSINDEX1
42	(2A)	CHARACTER	1	ITRCAFG3	AFGFLAG3
43	(2B)	CHARACTER	1	ITRCPARM	ESTAE EXIT LEVEL
44	(2C)	ADDRESS	4	ITRCFCTA	FCTACTIV AT TIME OF FAILURE
48	(30)	CHARACTER	64	ITRCGRSV	REGISTERS AT TIME OF FAILURE
112	(70)	CHARACTER	64	ITRCARSV	ACCESS REGISTERS AT TIME OF FAILURE
176	(B0)	CHARACTER	64	ITRC64HI	High order word of registers
240	(F0)	ADDRESS	4	ITRCFSWA	A(FSWA)
244	(F4)	ADDRESS	4	ITRCSDWA	A(SDWA)
248	(F8)	ADDRESS	4	ITRCRTYA	RETRY ADDRESS
252	(FC)	SIGNED	4	ITRCR15	R15 ON RETURN TO CONTROL PROGRAM
256	(100)	SIGNED	4	ITRCTOD	First word of the TOD clock
260	(104)	BITSTRING	8	ITRCBEA	Copy of SDWABEA
268	(10C)	SIGNED	4	ITRCEND (0)	END OF INTERNAL TRACE TABLE ENTRY
268	(10C)	X'10C'	0	ITRCSIZE	"ITRCEND-ITRCNTRY" SIZE OF INTERNAL TRACE TABLE ENTRY

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	ITRCRFEN	
0	(0)	BITSTRING	8	ITRCRFAD	Breaking Event Address from SDWABEA
8	(8)	SIGNED	2	ITRCRFCT	Count
10	(A)	SIGNED	2	ITRCRSVD	Reserved
10	(A)	X'C'	0	ITRCRFEL	**"-ITRCRFEN" Entry length

IATYITR Cross Reference

Name

ITRCABCC
ITRCACF2
ITRCAFG3
ITRCARSV
ITRCBEA
ITRCBEAT
ITRCCCUR
ITRCCLST
ITRCC1ST
ITRCDATE
ITRCEC1
ITRCELEN
ITRCEND
ITRCERRA
ITRCERRB
ITRCERRC
ITRCERRD
ITRCEYE
ITRCFCTA
ITRCFLGS
ITRCFSIN
ITRCFSWA
ITRCGFLG
ITRCGNDP
ITRCGRSV

Name

ITRCGR01
ITRCGR02
ITRCGR04
ITRCGR08
ITRCGR10

ITRCGR20
ITRCGR40
ITRCHDR
ITRCILC1
ITRCMCHD

ITRCNTRY
ITRCPARM
ITRCRC
ITRCREGS
ITRCREG0

ITRCREG1
ITRCRFAD
ITRCRFCT
ITRCRFEL
ITRCRFEN

ITRCRFHW
ITRCRSV
ITRCRSVD
ITRCRTYA
ITRCR15

ITRCSDWA
ITRCSIZE
ITRCTIME
ITRCTMDT
ITRCTOD

ITRC64HI

IATYITXT Information

IATYITXT Programming Interface information

Programming Interface information

IATYITXT

End of Programming Interface information

Heading Information • IATYITXT Map

IATYITXT Heading Information

Common Name: Intermediate Text File Identifiers
Macro ID: IATYITXT
DSECT Name: ITXTSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: 'NONE'
 Offset: N/A
 Length: N/A
Storage Attributes: Auxiliary Storage: N/A
 Subpool: N/A
 Key: N/A
 Residency: N/A
Size: ITXTLEN for DSECT ITXTSTRT
Created by: IATUTIFD
Pointed to by: N/A
Serialization: NONE
Function: This macro defines the file id's associated with the intermediate text that is written to spool during initialization. The file id's appear in the Initialization File Directory (IFD) entry for the intermediate text, and the IATYSPL entry that is used to access the intermediate text (the IATYSPL entries are located in IATYINT).

IATYITXT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0		
|----- Comment -----|					
,SETUNITS					
|----- End of Comment -----|					
1		ITXSETUN	"X'1" Intermediate text file id
|----- Comment -----|					
,SUPUNITS					
|----- End of Comment -----|					
1.		ITXSUPUN	"X'2" Intermediate text file id
|----- Comment -----|					
,SYSOUT CLASS					
|----- End of Comment -----|					
11		ITXSYSOT	"X'3" Intermediate text file id
|----- Comment -----|					
,SOCKET Definition					
|----- End of Comment -----|					
1..		ITXSOCKET	"X'4" Intermediate text file id
|----- Comment -----|					
,DEADLINE					
|----- End of Comment -----|					
1.1		ITXDEADL	"X'5" Intermediate text file id

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
					Comment
					,NETSERV definition
					End of Comment
		.... .11.		ITXNETSV	"X'6" Intermediate text file id
					Comment
					,REMOTE CONSOLE
					End of Comment
		.... .111		ITXRMTCN	"X'7" Intermediate text file id
					Comment
					,RESDSN
					End of Comment
		.... 1..		ITXRESDS	"X'8" Intermediate text file id
					Comment
					,RESERVED
					End of Comment
		.... 1..1		ITXRSD03	"X'9" Intermediate text file id
					Comment
					,SETPARAM
					End of Comment
		.... 1.1.		ITXSETPA	"X'A" Intermediate text file id
					Comment
					,SETNAME
					End of Comment
		.... 1.11		ITXSETNM	"X'B" Intermediate text file id
					Comment
					,MAINPROC, GROUP, CLASS
					End of Comment
		.... 11..		ITXMAINP	"X'C" Intermediate text file id
					Comment
					,CLASS INFO, SELECT, GROUP EXRESC
					End of Comment
		.... 11.1		ITXCLASS	"X'D" Intermediate text file id
					Comment
					,RJPLINE
					End of Comment
		.... 111.		ITXRJPLN	"X'E" Intermediate text file id

IATYITXT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
				Comment	
				End of Comment	
		.... 1111		ITXCONST	"X'F" Intermediate text file id
				Comment	
				End of Comment	
		...1		ITXRJPTM	"X'10" Intermediate text file id
				Comment	
				End of Comment	
		...1 ...1		ITXRSD04	"X'11" Intermediate text file id
				Comment	
				End of Comment	
		...1 ..1.		ITXCIPRM	"X'12" Intermediate text file id
				Comment	
				End of Comment	
		...1 ..11		ITXMSGRT	"X'13" Intermediate text file id
				Comment	
				End of Comment	
		...1 .1..		ITXSETAC	"X'14" Intermediate text file id
				Comment	
				End of Comment	
		...1 .1.1		ITXSETRS	"X'15" Intermediate text file id
				Comment	
				End of Comment	
		...1 .11.		ITXHWSNM	"X'16" Intermediate text file id
				Comment	
				End of Comment	
		...1 .111		ITXDVFNC	"X'17" Intermediate text file id

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
				Comment	
					,RESERVED
				End of Comment	
		...1 1...		ITXRSD05	"X'18" Intermediate text file id
				Comment	
					,RESERVED
				End of Comment	
		...1 1..1		ITXRSD06	"X'19" Intermediate text file id
				Comment	
					,RESERVED
				End of Comment	
		...1 1..1.		ITXRSD07	"X'1A" Intermediate text file id
				Comment	
					,RESERVED
				End of Comment	
		...1 1..11		ITXRSD08	"X'1B" Intermediate text file id
				Comment	
					,RJPWS (WSB)
				End of Comment	
		...1 11..		ITXWSB	"X'1C" Intermediate text file id
				Comment	
					,COMPACT
				End of Comment	
		...1 11..1		ITXCOMPC	"X'1D" Intermediate text file id
				Comment	
					,RJPWS (RLT)
				End of Comment	
		...1 111.		ITXRJPWS	"X'1E" Intermediate text file id
				Comment	
					,DYNALDSN
				End of Comment	
		...1 1111		ITXDYNDS	"X'1F" Intermediate text file id
				Comment	
					,FSSDEF
				End of Comment	
		..1.		ITXFSSDF	"X'20" Intermediate text file id

IATYITXT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
				Comment	
		,RESERVED			
				End of Comment	
		..1. ...1		ITXRSD09	"X'21" Intermediate text file id
				Comment	
		,DESTDEF			
				End of Comment	
		..1. ..1.		ITXDSTDF	"X'22" Intermediate text file id
				Comment	
		,NJERMT			
				End of Comment	
		..1. ..11		ITXNJERM	"X'23" Intermediate text file id
				Comment	
		,USER1			
				End of Comment	
		..1. .1..		ITXUSR01	"X'24" Intermediate text file id
				Comment	
		,USER2			
				End of Comment	
		..1. .1.1		ITXUSR02	"X'25" Intermediate text file id
				Comment	
		,USER3			
				End of Comment	
		..1. .11.		ITXUSR03	"X'26" Intermediate text file id
				Comment	
		,USER4			
				End of Comment	
		..1. .111		ITXUSR04	"X'27" Intermediate text file id
				Comment	
		,USER5			
				End of Comment	
		..1. 1...		ITXUSR05	"X'28" Intermediate text file id
				Comment	
		,USER6			
				End of Comment	
		..1. 1..1		ITXUSR06	"X'29" Intermediate text file id

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
|----- Comment -----|					
,USER7					
|----- End of Comment -----|					
		..1. 1.1.		ITXUSR07	"X'2A'" Intermediate text file id
|----- Comment -----|					
,USER8					
|----- End of Comment -----|					
		..1. 1.11		ITXUSR08	"X'2B'" Intermediate text file id
|----- Comment -----|					
,USER9					
|----- End of Comment -----|					
		..1. 11..		ITXUSR09	"X'2C'" Intermediate text file id
|----- Comment -----|					
,USER10					
|----- End of Comment -----|					
		..1. 11.1		ITXUSR10	"X'2D'" Intermediate text file id
|----- Comment -----|					
,END OF FILE IDS					
|----- End of Comment -----|					
0	(0)	BITSTRING	0	ITXEND	"X'FFFF'" Intermediate text file id

IATYITXT Cross Reference

Name

- ITXCIPRM
- ITXCLASS
- ITXCOMPC
- ITXCONST
- ITXDEADL
- ITXDSTDF
- ITXDVFNC
- ITXDYNDS
- ITXEND
- ITXFSSDF
- ITXHWSNM
- ITXMAINP
- ITXMSGRT
- ITXNETSV
- ITXNJERM
- ITXRESDS
- ITXRJPLN
- ITXRJPTM
- ITXRJPWS
- ITXRMTCN

IATYITXT Cross Reference

Name

ITXRSD03
ITXRSD04
ITXRSD05
ITXRSD06
ITXRSD07

ITXRSD08
ITXRSD09
ITXSETAC
ITXSETNM
ITXSETPA

ITXSETRS
ITXSETUN
ITXSOCKET
ITXSUPUN
ITXSYSOT

ITXUSR01
ITXUSR02
ITXUSR03
ITXUSR04
ITXUSR05

ITXUSR06
ITXUSR07
ITXUSR08
ITXUSR09
ITXUSR10

ITXWSB

IATYIVM Information

IATYIVM Heading Information

Common Name: JES3 JOB VALIDATION/RESTART MESSAGE BUFFER
Macro ID: IATYIVM
DSECT Name: IVMSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IVM
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: SUBPOOL 0 Private, anywhere
 Auxiliary Storage: N/A
Size: Variable
Created by: IATDMJV
 IATINJV
Pointed to by: IVMNEXT IN IATYIVM,
 JVWMSGQ IN IATYJVW,
 SRVMSGQ IN IATYSRV
Serialization: NONE
Function: Maps the work area used by the job validation routine. It is used to hold messages queued for the JES3OUT data set or console during job validation and restart. It is also used to contain diagnostic text associated with a spool record.

IATYIVM Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IVMSTART	
0	(0)	CHARACTER	4	IVMID	DATA AREA IDENTIFIER
4	(4)	ADDRESS	4	IVMNEXT	CHAIN TO NEXT QUEUED MESSAGE
Comment					

IVMFLG1 --- MESSAGE INDICATORS					

End of Comment					
8	(8)	BITSTRING	1	IVMFLG1	
		1... ..		IVM1WTO	"X'80" WTO=Y
9	(9)	BITSTRING	3	IVMRSVD	RESERVED FOR DEVELOPMENT
Comment					

IVMWTO --- MESSAGE AREA (WTO MF=L)					

IVMWTO WTO MF=L					
End of Comment					
12	(C)	SIGNED	4	IVMWTO (0)	
12	(C)	ADDRESS	2		TEXT LENGTH
14	(E)	BITSTRING	2		MCSFLAGS
16	(10)	CHARACTER	53		
32	(20)	X'7C'	0	IVMWTOL	"*-IVMWTO"
32	(20)	X'88'	0	IVMEND	***
32	(20)	X'88'	0	IVMSIZE	"IVMEND-IVMSTART"

IATYIVM Cross Reference

IATYIVM Cross Reference

Name

IVMEND
IVMFLG1
IVMID
IVMNEXT
IVMRSVD
IVMSIZE
IVMSTART
IVMWTO
IVMWTO
IVM1WTO

IATYJBT Information

IATYJBT Programming Interface information

Programming Interface information

IATYJBT

The following field is **NOT** programming interface information:

- JBTSTT

End of Programming Interface information

Heading Information • IATYJBT Map

IATYJBT Heading Information

Common Name: JOB/DATASET TRACK ALLOCATION TABLE (JBT)
Macro ID: IATYJBT
DSECT Name: None
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: JSAM BUFFER
 Auxiliary Storage: SPOOL
Size: Variable - 68 Bytes + Job Track Allocation
 Table variable segment
Created by: IATDMTK
Pointed to by: DSSTATAD OF IATYDSS
 JDSTATFD OF IATYJDS
 JIBTATAD OF IATYJIB
 RRETATAD OF IATYRRE
Serialization: NONE
Function: Describes track groups allocated to a
 particular job or dataset

IATYJBT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JBTSTART	
0	(0)	BITSTRING	6	JBTTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	JBTCNT	USER COUNT.
8	(8)	CHARACTER	4	JBTID	FILE ID.
12	(C)	BITSTRING	12	JBTCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	JBTVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	JBTDATA (0)	START OF USER DATA AREA.
28	(1C)	BITSTRING	6	JBTFIRST	M.R OF FIRST JBT IN CHAIN
34	(22)	SIGNED	2	JBTFIXL	OFFSET TO VARIABLE SEGMENT
36	(24)	SIGNED	2	JBTSPNDX	SPOOL PARTITION INDEX LAST USED
38	(26)	SIGNED	2	JBTKLEFT	NUMBER OF AVAILABLE ENTRIES
40	(28)	SIGNED	2	JBTKNEXT	OFFSET TO NEXT AVAILABLE ENTRY
42	(2A)	SIGNED	2	JBTGRPCT	NUMBER OF TRACK GROUP ENTRIES
44	(2C)	SIGNED	2	JBTJNUMC	Compatible with JBTJNUM - see IATXJBNO macro
46	(2E)	SIGNED	2	JBTRSVD1	RESERVED FOR DEVELOPMENT
48	(30)	SIGNED	4	JBTVALID	VALIDATION FIELD
52	(34)	SIGNED	4	JBTSTT	ADDR OF STT OR ZERO
56	(38)	SIGNED	4	JBTJNUM	Binary Job/DSP number (the high-order bit is set for DSPs)
60	(3C)	BITSTRING	1	JBTFLAG1	TAT FLAG

Comment

 Definition of JBTFLAG1

End of Comment

		1... ..		JBTRABD	"X'80" RAB DESTROY COMPLETE
		.1... ..		JBTPRGTK	"X'40" Track purge is needed
61	(3D)	BITSTRING	1	JBTRSVS1 (3)	RESERVED FOR SERVICE
64	(40)	SIGNED	4	JBTRSVU1	RESERVED FOR USER
64	(40)	X'44'	0	JBTFFEND	*** END OF FIXED AREA
64	(40)	X'44'	0	JBTFFSIZE	"JBTFFEND-JBTSTART" - SIZE OF FIXED AREA.

Comment

JOB TRACK ALLOCATION TABLE VARIABLE SEGMENT

End of Comment

68	(44)	SIGNED	2	JBTENTRY (0)	START OF VARIABLE SEGMENT
68	(44)	BITSTRING	1	JBTGPADR	TRACK GROUP ADDRESS (X.G)
68	(44)	X'4A'	0	JBTGPNXT	*** START OF NEXT X.G ENTRY

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	VLDENTRY	
0	(0)	SIGNED	4	VLDVALID	Validation field
4	(4)	SIGNED	4	VLDJOBNO	Associated job number or DSP (if the high-order bit is set)
4	(4)	X'8'	0	VLDLEN	**"VLDENTRY" Entry length

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SCFSTART	
0	(0)	ADDRESS	8	SCFVLARR	64-bit VALID array address
8	(8)	DBL WORD	8	SCFSLOTA	64-bit VALID slot address
16	(10)	SIGNED	4	SCFVLSIZ	VALID array size
20	(14)	ADDRESS	4	SCFEXTLS	Extent vector address
24	(18)	SIGNED	4	SCFSAVE (2)	Save area for R1-R2 15642T7A
32	(20)	SIGNED	4	SCFSV14	Save area for R14 15642T7A
36	(24)	SIGNED	2	SCFNXTS	Number of extents w/o the JCT - old configuration
38	(26)	BITSTRING	6	SCFXG	X.G value
38	(26)	BITSTRING	2	SCFX	The 'X' portion
40	(28)	BITSTRING	1	SCFG	The 'G' portion

Comment

 New VALID array parameters.

End of Comment

48	(30)	ADDRESS	8	SCFVLARN	New VALID array address
56	(38)	SIGNED	4	SCFVLSZN	New VALID array size
60	(3C)	ADDRESS	4	SCFEXTAN	Address of the new extent vector
64	(40)	SIGNED	2	SCFNXTSN	Number of extents w/o the JCT - new configuration
66	(42)	SIGNED	2	SCFRSVD1	Reserved for IBM

Comment

 SLOTCOPY data.

End of Comment

68	(44)	SIGNED	4	SCFRETCD	Return code from SLOTCOPY
72	(48)	ADDRESS	4	SCFECFAD	ECF address
76	(4C)	SIGNED	4	SCFECFMK	ECF mask (in the low order byte)
80	(50)	DBL WORD	8	SCFEND (0)	End on doubleword boundary
80	(50)	X'50'	0	SCFSIZE	**"SCFSTART" SCF size

IATYJBT Cross Reference

Name

JB TCHN
 JB TCNT
 JB TDATA
 JB TENTRY
 JB TFEND
 JB TFIRST
 JB TFIXL
 JB TFLAG1
 JB TFSIZE
 JB TG PADR

IATYJBT Cross Reference

Name

JB TGPNXT
JB TGRPCT
JB TID
JB TJNUM
JB TJNUMC

JB TKLEFT
JB TKNEXT
JB TPRGTK
JB TRABD
JB TRSVD1

JB TRSVS1
JB TRSVU1
JB TSPNDX
JB TSTART
JB TSTT

JB TTRK
JB TVVALID
JB TVLID
SC FECFAD
SC FECFMK

SC FEND
SC FEXTAN
SC FEXTLS
SC FG
SC FNXTS

SC FNXTSN
SC FRETCD
SC FRSD1
SC FSAVE
SC FSIZE

SC FSLOTA
SC FSTART
SC FSV14
SC FVLARN
SC FVLARR

SC FVLSIZ
SC FVLSZN
SC FX
SC FXG
VLDENTRY

VLDJOBNO
VLDLEN
VLDVALID

IATYJCT Information

IATYJCT Programming Interface information

Programming Interface information

IATYJCT

The following field is **NOT** programming interface information:

- JTCNDB

End of Programming Interface information

Heading Information • IATYJCT Map

IATYJCT Heading Information

Common Name: JOB CONTROL TABLE
Macro ID: IATYJCT
DSECT Name: JCTSTART, SESTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JCT
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: JSAM BUFFER
 Auxiliary Storage: JES3 JCT EXTENT
Size: 552 Bytes
Created by: IATISDT and WORK-TO-DO DRIVER (WTD)
Pointed to by: JQEFDB in IATYJQE (TRACK/BUFFER ADDR.)
 JVVJCFDB in IATYJVW (SPOOL ADDRESS)
 JVVJCT in IATYJVW (BUFFER ADDRESS)
Serialization: IATXJCT (TYPE=RW)
Function: This is a control block on spool which contains information pertinent to a single job. It consists of one fixed section and several variable sections. Each variable section consists of a scheduler element mapping. Each scheduler element represents a phase in the job's processing.

IATYJCT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JCTSTART	
0	(0)	SIGNED	4	JCTID	JCT ID
4	(4)	SIGNED	2	JCTTOTL	- LENGTH OF ENTIRE JCT - WITH ALL SE'S
6	(6)	SIGNED	2	JCTFIXL	- LENGTH OF FIXED PORTION
8	(8)	SIGNED	2	JCTVARL	- LENGTH OF EACH SE
10	(A)	BITSTRING	4	JCTJOB	Job number (binary) - the low two bytes match up with 2-byte definitions of JCTJOB in lower releases
14	(E)	BITSTRING	1	JCTRSVH2	Reserved for IBM
15	(F)	BITSTRING	1	JCTE70CQ	Current queue for ENF70. See field ENF70_QUEUE in IAZENF70 for valid values
16	(10)	CHARACTER	8	JCTJBNAM	- JOB NAME
24	(18)	CHARACTER	8	JCTOUSID	OWNING USER ID D020
32	(20)	CHARACTER	8	JCTTUSID	- SUBMITTING USERID 0618
40	(28)	CHARACTER	80	JCTTOKEN	TOKEN 0318
120	(78)	CHARACTER	8	JCTNODE	NODE
128	(80)	CHARACTER	8	JCTPOE	PORT OF ENTRY
136	(88)	CHARACTER	8	JCTSECBL	SECLABEL
144	(90)	BITSTRING	1	JCTNOSES	- NUMBER OF SCHEDULER ELEMENTS
145	(91)	BITSTRING	1	JCTNSTEP	NO. OF STEPS IN THIS JOB
146	(92)	BITSTRING	1	JCTPRTY	- JOB PRIORITY
147	(93)	BITSTRING	1	JCTCPTYP	- TYPE OF CNTRL PGM REQUIRED
148	(94)	SIGNED	4	JCTMAXL	- PRINT LINE ESTIMATE
152	(98)	SIGNED	4	JCTMAXB	- PRINT BYTE ESTIMATE
156	(9C)	SIGNED	4	JCTMAXP	- PRINT PAGE ESTIMATE
160	(A0)	SIGNED	2	JCTMAXC	- CARD OUTPUT ESTIMATE 1
162	(A2)	SIGNED	2	JCTWARNI	- WARNING INCRE PERCENTAGES (CARDS, LINES, BYTES, PAGES)
164	(A4)	SIGNED	2	JCTMVTSZ	FIRST STEP REGION SIZE
166	(A6)	SIGNED	2	JCTVS2SZ	VS2 REGION SIZE 2
168	(A8)	SIGNED	4	JCTMAINS	- MAIN INDEX FOR THIS JOB
172	(AC)	SIGNED	4	JCTFSID (0)	FUNCTIONAL SUBSYSTEM ID - VALID WHEN JCTFSS IS SET
172	(AC)	SIGNED	2	JCTFSSID	FSS PORTION OF FSID
174	(AE)	SIGNED	2	JCTFSAID	FSA PORTION OF FSID
176	(B0)	SIGNED	4	JCTPFSSID (0)	FSID OF THE FSS THAT IS PROCESSING THIS JOB
176	(B0)	SIGNED	2	JCTPFSSI	FSS PORTION OF FSID
178	(B2)	SIGNED	2	JCTPFSAI	FSA PORTION OF FSID
180	(B4)	SIGNED	4	JCTRSVDD	RESERVED FOR DEVELOPMENT

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
184	(B8)	SIGNED	4	JCTRSVDS	RESERVED FOR SERVICE
188	(BC)	SIGNED	4	JCTRSVDU	RESERVED FOR USER

Comment

CONTROL BLOCK FDBS

End of Comment

192	(C0)	BITSTRING	12	JCTJDFDB	JDAB FDB 1
204	(CC)	BITSTRING	28	JCTFDAT	JOBTAT FDB 1
232	(E8)	BITSTRING	12	JCTJDSFD	JDS FDB 1
244	(F4)	BITSTRING	12	JCTOSEFD	OSE FDB 2
256	(100)	BITSTRING	12	JCTJMRFD	JMR FDB 2
268	(10C)	BITSTRING	12	JCTSUFDB	JST FDB
280	(118)	BITSTRING	12	JCTUPDTE	PDB FDB
292	(124)	CHARACTER	2	JCTPROC	PRIVATE PROC USED ID
294	(126)	BITSTRING	4	JCTCIERR	C/I ERROR CODE (SAME AS RQCIERR) 9
298	(12A)	CHARACTER	8	JCTGPORG	- DEVICE GROUP ORIGIN
306	(132)	CHARACTER	8	JCTSCHCL	- SCHEDULER CLASS
314	(13A)	CHARACTER	8	JCTDJNET	- DJC JOB-NET NET-ID
314	(13A)	X'13A'	0	JCTARMGR	"JCTDJNET,8" JES XCF Group Name that job was registered under
322	(142)	BITSTRING	1	JCTRELL	- Product level
323	(143)	BITSTRING	1	JCTRELH	- Product level
324	(144)	SIGNED	4	JCTSPVLU	JESMSG LG & JESYSMSG spinoff value (see JCTSPFLG)
328	(148)	BITSTRING	1	JCTSPFLG	JESMSG LG & JESYSMSG spinoff flag byte

Comment

Definition of JCTSPFLG
NOTE: Flag JCTSPFLG must be defined identical to RQSPFLG.

End of Comment

		1... ..		JCTSPIN	"X'80" Job is eligible to SPINOFF JESMSG LG and JESYSMSG ds
		.1.. ..		JCTSTIMI	"X'40" SPINOFF by time interval (in seconds)
		..1.		JCTSTIMD	"X'20" SPINOFF by TOD (in sec)
		...1		JCTSLINE	"X'10" SPINOFF by line interval
		.... 1..		JCTNOSPN	"X'08" NOSPIN specified
		.... .1..		JCTSUPRS	"X'04" SUPPRESS specified
329	(149)	BITSTRING	1	JCTLEVEL	- JCT LEVEL INDICATOR 0518

Comment

----- 0
DEFINITION OF JCTLEVEL 0
----- 0

End of Comment

		.... ...1		JCTLEV01	"X'01" SNA/NJE ENHANCEMENT 0518 0518
330	(14A)	BITSTRING	3	JCTRESU	- RESERVED FOR USER
333	(14D)	BITSTRING	1	JCTVSR1	- LSTRR FROM CLASS TABLE
334	(14E)	BITSTRING	1	JCTSYSTEM	- SYSTEM TYPE FOR THIS JOB

IATYJCT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- DEFINITION OF JCTSYSTEM -----					
End of Comment					
		.... .1.		JCTSYSJ	"X'04" ANY JES MAIN
		.... ..1.		JCTSYSR	"X'02" LABEL USED BY IATUTDS
		.... ...1		JCTSYSB	"X'01" LABEL USED BY IATUTDS
335	(14F)	BITSTRING	1	JCTNJFLG	- RESERVED FLAG BYTE 6
336	(150)	BITSTRING	1	JCTDJFL1	- DJC FLAG 1
Comment					
----- DEFINITION OF JCTDJFL1 -----					
End of Comment					
		1...		JCTDJJOB	"X'80" - THIS IS A DJC JOB
		.1.		JCTDJCOH	"X'40" - DJC OPERATOR HOLD BIT
		..1.		JCTDJCNH	"X'20" - DJC RESQ ENTRY ELIGIBLE FOR SCHED 1
		.... 1..		JCTDJHLD	"X'08" - JCT IS IN NETHOLD
		.... .1..		JCTDJCHG	"X'04" - JCT HAS BEEN ALTERED
		.... ..1.		JCTDJRQB	"X'02" - RESQUEUE HAS BEEN BUILT
		.... ...1		JCTDJCRQ	"X'01" - CLEAR RESQUEUE OF DJC INFORMATION
337	(151)	BITSTRING	1	JCTDJFL2	- DJC FLAG 2
Comment					
----- DEFINITION OF JCTDJFL2 -----					
End of Comment					
		1...		JCTDJCIR	"X'80" - INVALID RESUBMITTAL OF A NET JOB
		.1.		JCTDJAID	"X'40" MIGRATION AID JOB
		..1.		JCTNDOFF	"X'20" Reset DJ non-dumpable flags when this job ends.
338	(152)	BITSTRING	1	JCTFL1	- FLAG BYTE
Comment					
----- DEFINITION OF JCTFL1 -----					
End of Comment					
		1...		JCTOPHLD	"X'80" - OPERATOR HOLD
		.1.		JCTITER	"X'40" - SE ITERATION IN PROCESS
		..1.		JCTIHOLD	"X'20" - PUT JOB IN HOLD AFTER ITERATION
		...1		JCTTHOLD	"X'10" - JOB IN TERMINAL USER HOLD
		.... 1..		JCTSETUP	"X'08" - JOB REQUIRES SETUP
		.... .1..		JCTSCREF	"X'04" - THIS JOB HAS SETUP W/SCRATCH REFS
		.... ..1.		JCTDJACT	"X'02" - JOB IS ACTIVE FOR DJ (DUMP JOB)
		.... ...1		JCTISRFR	"X'01" - AUTHORIZATION CHECK FAILURE
339	(153)	BITSTRING	1	JCTFL2	- FLAG BYTE

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- DEFINITION OF JCTFL2 -----					
End of Comment					
		1... ..		JCTAPPC	"X'80" Job is an APPC initiator
		.1.. ..		JCTARMR	"X'40" Job is ARM registered
		..1.		JCTJCNV2	"X'20" Job class name requires C/I service on main at JES3 level of V2R1 (or later)
		...1		JCTARMH	"X'10" Job is held for ARM
		.... 1...		JCTSPNUN	"X'08" Job expects spinoff datasets to have unique jobnames
		.... .1..		JCTRF204	"X'04" Reserved flag
		.... ..1.		JCTRF202	"X'02" RESERVED FLAG
		.... ...1		JCTLRL10	"X'01" Locates done on JES3 R10 main (SMS Unit AFF SSI supported)
340	(154)	BITSTRING	1	JCTFL3	- FLAG BYTE
Comment					
----- DEFINITION OF JCTFL3 -----					
End of Comment					
		1... ..		JCTOGRJP	"X'80" - JOB ORIGIN IS RJP
		.1.. ..		JCTSRVUP	"X'40" - A service class update is pending for this job
		..1.		JCTDSEUF	"X'20" - JOB REQUIRES DATA SET STACKING EXIT OR SPECIAL UNIT AFF CODE
		...1		JCTSRVCM	"X'10" - The job's service class was set via a command
		.... 1...		JCTDSPCN	"X'08" CANCEL BY DSP WITH PRINT
		.... .1..		JCTIOMED	"X'04" - MEDIUM I/O RATE(SAME BIT AS RQMEDIO)
		.... ..1.		JCTIOHGH	"X'02" - HIGH I/O RATE(SAME BIT AS RQHGHIO)
		.... ...1		JCTIOLW	"X'01" - LOW I/O RATE(SAME BIT AS RQLWIO)
341	(155)	BITSTRING	1	JCTFL4	- FLAG BYTE
Comment					
----- DEFINITION OF JCTFL4 -----					
End of Comment					
		1... ..		JCTSUDAO	"X'80" - JOB SETUP REQUIRES DA ONLY
		.1.. ..		JCTATJDS	"X'40" - JDS CONTAINS ENTRIES WITH OWN TATFDB
		..1.		JCTCIPRE	"X'20" - JOB HAS COMPLETED MVS C/I & PRESCAN SUCCESSFULLY, ONLY POSTCAN MUST BE PERFORMED
		...1		JCTRF410	"X'10" - RESERVED FLAG
		.... 1...		JCTVSREQ	"X'08" - JOB IS V=R
		.... .1..		JCTJRNL	"X'04" - JOB REQUIRES JOURNAL
		.... ..1.		JCTDSEL	"X'02" - DEMAND SELECT JOB
		.... ...1		JCTNOJLG	"X'01" JESMSG LG logging suppressed
342	(156)	BITSTRING	1	JCTFL5	FLAG BYTE
Comment					
----- DEFINITION OF JCTFL5 -----					
End of Comment					

IATYJCT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		1...		JCTFAIL	"X'80" FLUSH JOB AFTER CI
		.1.		JCTFREEZ	"X'40" DO NOT ACCESS DATA IN THIS JCT
		..1.		JCTMSTSO	"X'20" MVS TSO JOB (JOB IS A TSO LOGON IF JCTFL4=JCTDSEL)
		...1		JCTCANCL	"X'10" JOB CANCELED BY OPERATOR
		.... 1...		JCTCANCP	"X'08" JOB CANC. BY OPR. WITH PRINT
		.... .1..		JCTMGRSV	"X'04" MSGCLASS IS RESERVED CLASS
		.... .1..		JCTLREGN	"X'02" LREGION SPEC'D ON MAIN CARD
		.... ...1		JCTRQJID	"X'01" This is a SYSLOG request job id job
343	(157)	BITSTRING	1	JCTFL6	FLAG BYTE

Comment

 DEFINITION OF JCTFL6

End of Comment

		1...		JCTDEL	"X'80" THIS JOB DELETE ONLY
		.1.		JCTCANCO	"X'40" JOB CANCELED WITH OUTPUT
		..1.		JCTCANUR	"X'20" JOB CANCELED BY USER
		...1		JCTPURGP	"X'10" Purge Partial output
		.... 1...		JCTDSIPL	"X'08" DEM. SEL. JOB IPLED OFF
		.... .1..		JCTRF604	"X'04" Reserved flag
		.... .1..		JCTDSPOP	"X'02" DSP CALLED BY OPERATOR \$\$\$\$ OR INTERNALLY BY JES3
		.... ...1		JCTDSPAB	"X'01" DSP TERMINATED BY FAILSOFT
344	(158)	BITSTRING	1	JCTFL7	FLAG BYTE

Comment

 DEFINITION OF JCTFL7

End of Comment

		1...		JCTDJNOT	"X'80" THIS JOB CANNOT BE DJ'ED
		.1.		JCTDJED	"X'40" THIS JOB HAS BEEN DJ'ED 1
		..1.		JCTUSRJB	"X'20" USERID IS THE UNDEFINED USER
		...1		JCTDJMA	"X'10" DJ:MAIN SE ACTIVE \$\$\$\$
		.... 1...		JCTSPHLD	"X'08" SPOOL HOLD FLAG
		.... .1..		JCTLVSET	"X'04" JCT LEVEL INDICATOR SET 0518
		.... .1..		JCTSDOWN	"X'02" 0 => JOB OWNER FROM JOBCARD OR PROPAGATED FROM SUBMITTOR 1 => USE SUBMITTOR AS OWNER (MAY BE / MAIN USER=)
		.... ...1		JCTCTOKN	"X'01" Job contains at least one dataset with a client token therefore JES3 can issue job change notifications relating to this job
345	(159)	BITSTRING	1	JCTFL8	FLAG BYTE

Comment

 DEFINITION OF JCTFL8

End of Comment

		1...		JCTNOTFY	"X'80" NOTIFY USER
		.1.		JCTDYNOT	"X'40" JOB USES DYNAMIC OUTPUT 0355
		..1.		JCTSAPI	"X'20" Job is a SAPI application
		...1		JCTPURG	"X'10" PURGE COMPLETE
		.... 1...		JCTNTCAN	"X'08" USER NOTIFIED OP CANCEL \$\$\$\$
		.... .1..		JCTNCHNG	"X'04" JCT not changed. This flag 0006 may only be set by R/W 0006 callers!!! 0006
		.... ...1		JCTWERR	"X'02" WRITE ERROR HAS OCCURRED

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... ...1		JCTJFAIL	"X'01" JOB FAILED INDICATOR 1
346	(15A)	BITSTRING	1	JCTFL9	FLAG BYTE
Comment					
----- DEFINITION OF JCTFL9 -----					
End of Comment					
		1...		JCTNSRQJ	"X'80" This is a non-syslog request job id job
		.1.		JCTBDTSS	"X'40" JOB IS A BDT SUBSYSTEM
		..1.		JCTFSSWK	"X'20" JOB CONTAINS FSS WORK
		...1		JCTNJESN	"X'10" JOB CONTAINS SNA/NJE WORK
		.... 1..		JCTNEWAV	"X'08" NEWLY AVAILABLE FROM SPOOL 0036
		.... .1..		JCTXMIT	"X'04" JOB CONTAINS XMIT STATEMENT 0253
		.... ..1.		JCTPURGA	"X'02" PURGE IN PROGRESS
		.... ...1		JCTJOBTK	"X'01" 0 - TOKEN IN JCTTOKEN 0465 REPRESENTS THE JOB 0465 SUBMITTOR 0465 1 - TOKEN IN JCTTOKEN 0465 REPRESENTS THE JOB 0465 OWNER 0465
347	(15B)	BITSTRING	1	JCTFSFLG	FSS STATUS FLAG BYTE
Comment					
----- DEFINITION OF JCTFSFLG -----					
End of Comment					
		1...		JCTFSS	"X'80" JOB RUNS AS AN FSS ADDR SPACE
348	(15C)	SIGNED	4	JCTWCT	WRITE ITERATION COUNT
352	(160)	SIGNED	4	JCTTOD	TOD JCT ADDED TO THIS PRTY
Comment					

```

IATYCND_1;;
START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  5647-A01 COPYRIGHT IBM CORP. 1989, 2010
  STATUS= HJS7770
  END_OF_PROPRIETARY_STATEMENT
  This data area is maintained as a CASE mapping macro.
  Changes should be made to the CASE source and then
  the PLX and Assembler should be regenerated.
  Do NOT make changes to the PLX or Assembler directly!
01 Descriptive Name: Console Destination Block
  Acronym: CNDB
01 Macro Name: IATYCND_1
01 DSECT Name: IATYCND_1
  --based variable for storage mapping
01 Component: JES3 (SC1BA)
  
```

IATYJCT Map

Dec	Hex	Type/Value	Len	Name (Dim)	Description
01 Function:					
02 The console destination block is a control block that contains information related to the destination that messages should be sent to. This control block is built as commands are entered into to the system and is used by command processors as a destination for where to return messages to. The control block is imbedded in other control blocks and the size of the data area must not change (otherwise a JES3 cold start is required). The data is referenced by non-source maintained modules, so offsets into the data area must not change.					
01 Eye-Catcher: CNDBEYE					
02 Offset: 4					
02 Length: 4					
01 Language: PL/X					
01 Storage Attributes:					
02 Allocation Method: Imbedded within other control blocks					
02 Main Storage: 94					
02 Virtual Storage: 94					
02 Auxiliary Storage: 94					
02 Subpool: n/a					
02 Key: 1					
02 Data Space: N/A					
02 Residency: any					
02 Frequency: n/a					
02 Size: 94					
02 Created by: n/a					
02 Deleted by: n/a					
02 Pointed to by: Imbedded within other control blocks					
02 Serialization: none					
01 EXTERNAL CLASSIFICATION: DMTI					
01 END OF EXTERNAL CLASSIFICATION:					
01 Method Of access:					
02 ASM: IATYCNDDB					
02 PLX: %INCLUDE SYSLIB(IATYCNDDB)					
01 CHANGE ACTIVITY:					
\$QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support					
\$SRC=SP110 HJS6601 950526 PD0TD: JES3 Common Init					
\$T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0					
CASE/390 - VERSION 49					
END OF SPECIFICATIONS					
%					
End of Comment					
356	(164)	SIGNED	4	JCTCNDB (0)	IATYCNDDB.27: based variable for storage mapping
356	(164)	SIGNED	4		Four byte console id 0176
360	(168)	CHARACTER	4		IATYCNDDB eyecatcher
364	(16C)	ADDRESS	4		IATYCNDDB version
368	(170)	BITSTRING	8		Reserved for development
376	(178)	BITSTRING	8		Console Name 0176
384	(180)	BITSTRING	24		Reserved for development
408	(198)	SIGNED	2		Reserved for development
410	(19A)	BITSTRING	40		Reserved for development
450	(1C2)	SIGNED	2	JCTRSVS1	RESERVED FOR SERVICE
452	(1C4)	CHARACTER	8	JCTSPNM	SPOOL PARTITION NAME
460	(1CC)	BITSTRING	1	JCTTRKG1	PRIMARY TRK GRP ALLOCATION
461	(1CD)	BITSTRING	1	JCTTRKG2	SECONDARY TRK GRP ALLOCATION
462	(1CE)	SIGNED	2	JCTSPNDX	SPOOL PARTITION INDEX
464	(1D0)	BITSTRING	4	JCTRSVD4	Reserved for development
468	(1D4)	SIGNED	4	JCTACTL	ACTUAL LINE COUNT
472	(1D8)	SIGNED	4	JCTACTB	ACTUAL BYTE COUNT
476	(1DC)	SIGNED	4	JCTACTP	ACTUAL PAGE COUNT
480	(1E0)	SIGNED	2	JCTACTC	ACTL CARDS OFF MAIN DIV BY 8
482	(1E2)	SIGNED	2	JCTRSVD1	RESERVED FOR DEVELOPMENT
484	(1E4)	SIGNED	4	JCTMSPEC	MAIN MASK FROM / MAIN CD SET BY ISMN

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
488	(1E8)	SIGNED	4	JCTMINLV	Minimum BCP execution level 17648TAC set by MVS converter 17648TAA
492	(1EC)	BITSTRING	6	JCTSCHSP	SMS SCHEDULING INFORMATION SPOOL ADDRESS
498	(1F2)	SIGNED	2	JCTRSVDH	RESERVED FOR DEVELOPMENT
500	(1F4)	SIGNED	2	JCTRSVD2	RESERVED FOR DEVELOPMENT 0081
502	(1F6)	BITSTRING	3	JCTREGFS	FIRST STEP REGION SIZE 0081
505	(1F9)	BITSTRING	3	JCTREGLG	LARGEST STEP REGION SIZE 0081
508	(1FC)	SIGNED	4	JCTRSVU2 (7)	*** AVAILABLE FOR USER
536	(218)	SIGNED	4	JCTTODA	TOD JOB FIRST ADDED TO QUEUE
540	(21C)	CHARACTER	8	JCTORG2	- SECONDARY ORIGIN
548	(224)	CHARACTER	1	JCTORGQ	- ORIGIN QUALIFIER
549	(225)	BITSTRING	1	JCTNJEF1	NJE JOB FLAG
		1... ..		JCTNJESO	"X'80" NJE SYSOUT JOB
		.1... ..		JCTNJESF	"X'40" NJE SF FLAG
550	(226)	CHARACTER	2	JCTRSCL2	RESERVED FOR NJE 0509
552	(228)	SIGNED	4	JCTFEND0 (0)	End of version 0 fixed area

Comment

Start of information added in version 1 JCT.

End of Comment					
552	(228)	CHARACTER	16	JCTSCHEN	Scheduling environment
568	(238)	CHARACTER	3	JCTPERFM	PERFORM parameter from the JOB statement
571	(23B)	BITSTRING	1	JCTRSVD5	Reserved for development
572	(23C)	CHARACTER	8	JCTSRVCL	Service class name
580	(244)	SIGNED	4	JCTWLMTK	WLM classification token
584	(248)	SIGNED	4	JCTISEND	End of input service time stamp
588	(24C)	SIGNED	4	JCTMSARV	Main service arrival time stamp (for standard jobs this is the time that the job completes C/I processing)
592	(250)	SIGNED	4	JCTCONVD	Total C/I delay time in clock units
596	(254)	SIGNED	4	JCTOPERD	Total operational delay time in clock units
600	(258)	SIGNED	4	JCTJSCHD	Total JES scheduling delay time in clock units
604	(25C)	SIGNED	4	JCTRSRCD	Total resource delay time in clock units
608	(260)	BITSTRING	4	JCTSRMTK	WLM supplied SRM token

Comment

JCT maximum completion code information, by design, matches the mapping in the network job trailer. Consult NJE Formats and Protocols before adding a new type.

End of Comment					
612	(264)	BITSTRING	4	JCTMAXRC (0)	--+ Maximum Job Return Code
612	(264)	BITSTRING	1	JCTMXIND	| Job completion indicator
		1... ..		JCTMXAB	"X'80" | Abend code exists
		.1... ..		JCTMXCDE	"X'40" | Condition code exists
612	(264)	X'0'	0	JCTMXUNK	"0" | No completion info
612	(264)	X'1'	0	JCTMXNRM	"1" | Job ended normally +
612	(264)	X'2'	0	JCTMXCC	"2" | Job ended by CC +
612	(264)	X'3'	0	JCTMXJCL	"3" | Job had a JCL error
612	(264)	X'4'	0	JCTMXCAN	"4" | Job was canceled
612	(264)	X'5'	0	JCTMXABN	"5" | Job ABENDED +
612	(264)	X'6'	0	JCTMXCAB	"6" | Converter ABENDED
612	(264)	X'7'	0	JCTMXSEC	"7" | Security error
612	(264)	X'8'	0	JCTMXEOM	"8" | Job failed in EOM +
613	(265)	BITSTRING	3	JCTMAXCC	--+ Completion code (set for '+' conditions)
616	(268)	BITSTRING	12	JCTASRFD	ASR FDB
628	(274)	BITSTRING	4	JCTOJBNO	Original job # (networking)
632	(278)	CHARACTER	8	JCTXNODE	Execution node

IATYJCT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
640	(280)	CHARACTER	8	JCTSTEPN	Current step name
648	(288)	BITSTRING	4	JCTTIMON	Time when job entered JES3 (same as JMREENTRY)
652	(28C)	BITSTRING	4	JCTDATON	Date when job entered JES3 (same as JMREDATE)
656	(290)	BITSTRING	12	JCTRSVD3	Reserved for development
668	(29C)	SIGNED	4	JCTFEND (0)	End of fixed area
668	(29C)	SIGNED	4	JCTFEND1 (0)	End of version 1 fixed area
668	(29C)	BITSTRING	1	JCTFSIZE (0)	Size of fixed area=L'JCTFSIZE JCTFSIZE and JCTFEND-JCTSTART should only be used in creating a JCT entry. To advance to the SE array, add JCTFIXL to a register pointing to JCTSTART.

Comment

Migration sizes are to be used only by the IATUTJCT utility. Each migration size is defined by the label JCTMIGAB where A is the old version in VOLVERNO, B is the new version, and JCTFSIZEA is the size of the fixed section at version A. If a new version N of the JCT is created, add the definition for the fixed size JCTFSIZM and the migration sizes JCTMIGNM for all M from 0 to N. Also add an entry to the migration table in IATUTJEE. Move JCTFEND so that it is the same offset as the most recently added JCTFENDN (corresponding to JCTFSIZN).

End of Comment

668	(29C)	X'228'	0	JCTFSIZE0	"JCTFEND0-JCTSTART" Size of version 0 fixed area
668	(29C)	X'29C'	0	JCTFSIZ1	"JCTFEND1-JCTSTART" Size of version 1 fixed area
668	(29C)	X'74'	0	JCTMIG01	"JCTFEND1-JCTFEND0" Migration size from V0-V1

Offsets

Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SESTART	
0	(0)	BITSTRING	1	SEFLAGS	- FLAG BYTE

Comment

DEFINITION OF SEFLAGS

End of Comment

		1...		SECOMP	"X'80" - SE COMPLETE
		.1..		SEACTIVE	"X'40" - SE ACTIVE
		..1.		SERESCH	"X'20" - SE RETURNED FOR RESCHEDULING
		...1		SERESERV	"X'10" - Reserved flag
		.... 1...		SEISTART	"X'08" - SE STARTS THE ITERATION
		.... .1..		SEIEND	"X'04" - SE ENDS THE ITERATION
		.... ..1.		SEIPASS	"X'02" - SE NOT SCHED DURING ITERATION
		.... ...1		SEDSPAB	"X'01" DSP TERMINATED BY FAILSOFT
1	(1)	BITSTRING	1	SEFLAG1	- FLAG BYTE

Comment

DEFINITION OF SEFLAG1

End of Comment

2	(2)	BITSTRING	1	SESEQNO	- SE SEQUENCE NUMBER
3	(3)	BITSTRING	1	SEDSPNO	- DSP NUMBER
4	(4)	SIGNED	4	SEEND (0)	- END OF SE
4	(4)	BITSTRING	1	SESIZE (0)	- SIZE OF SE = L'SESIZE

IATYJCT Cross Reference**Name**

JCTACTB
JCTACTC
JCTACTL
JCTACTP
JCTAPPC

JCTARMGR
JCTARMH
JCTARMR
JCTASRFD
JCTATJDS

JCTBDTSS
JCTCANCL
JCTCANCO
JCTCANCP
JCTCANUR

JCTCIERR
JCTCIPRE
JCTCNDB
JCTCONVD
JCTCPTYP

JCTCTOKN
JCTDATON
JCTDEL
JCTDJACT
JCTDJAID

JCTDJCHG
JCTDJCIR
JCTDJCNH
JCTDJCOH
JCTDJCRQ

JCTDJED
JCTDJFL1
JCTDJFL2
JCTDJHLD
JCTDJJOB

JCTDJMA
JCTDJNET
JCTDJNOT
JCTDJRQB
JCTDSEL

JCTDSEUF
JCTDSIPL
JCTDSPAB
JCTDSPCN
JCTDSPOP

JCTDYNOT
JCTE70CQ
JCTFAIL
JCTFDAT
JCTFEND

JCTFEND0
JCTFEND1
JCTFIXL
JCTFL1
JCTFL2

IATYJCT Cross Reference

Name

JCTFL3
JCTFL4
JCTFL5
JCTFL6
JCTFL7

JCTFL8
JCTFL9
JCTFREEZ
JCTFSAID
JCTFSFLG

JCTFSID
JCTFSIZE
JCTFSIZ0
JCTFSIZ1
JCTFSS

JCTFSSID
JCTFSSWK
JCTGPORG
JCTID
JCTIHOLD

JCTIOHGH
JCTIOLOW
JCTIOMED
JCTISEND
JCTISRF

JCTITER
JCTJBNAM
JCTJCNV2
JCTJDFDB
JCTJDSFD

JCTJFAIL
JCTJMRFD
JCTJOB
JCTJOBTK
JCTJRNL

JCTJSCHD
JCTLEVEL
JCTLEV01
JCTLREGN
JCTRLR10

JCTLVSET
JCTMAINS
JCTMAXB
JCTMAXC
JCTMAXCC

JCTMAXL
JCTMAXP
JCTMAXRC
JCTMGRSV
JCTMIG01

JCTMINLV
JCTMSARV
JCTMSPEC
JCTMSTSO
JCTMVT SZ

JCTMXAB
JCTMXABN
JCTMXCAB
JCTMXCAN
JCTMXCC

Name

JCTMXCDE
JCTMXEOM
JCTMXIND
JCTMXJCL
JCTMXNRM

JCTMXSEC
JCTMXUNK
JCTNCHNG
JCTNDOFF
JCTNEWAV

JCTNJEF1
JCTNJESF
JCTNJESN
JCTNJESO
JCTNJFLG

JCTNODE
JCTNOJLG
JCTNOSES
JCTNOSPN
JCTNOTFY

JCTNSRQJ
JCTNSTEP
JCTNTCAN
JCTOGRJP
JCTOJBNO

JCTOPERD
JCTOPHLD
JCTORGQ
JCTORG2
JCTOSEFD

JCTOUSID
JCTPERFM
JCTPFSAI
JCTPFSD
JCTPFSSI

JCTPOE
JCTPROC
JCTPRTY
JCTPURG
JCTPURGA

JCTPURGP
JCTREGFS
JCTREGLG
JCTRELH
JCTRELL

JCTRESU
JCTRF202
JCTRF204
JCTRF410
JCTRF604

JCTRQJID
JCTRSCL2
JCTRSRCD
JCTRSVDD
JCTRSVDH

JCTRSVDS
JCTRSVDU
JCTRSVD1
JCTRSVD2
JCTRSVD3

IATYJCT Cross Reference

Name

JCTRSVD4
JCTRSVD5
JCTRSVH2
JCTRSVS1
JCTRSVU2

JCTSAPI
JCTSBOWN
JCTSCHCL
JCTSCHEN
JCTSCHSP

JCTSCREF
JCTSECBL
JCTSETUP
JCTSLINE
JCTSPFLG

JCTSPHLD
JCTSPIN
JCTSPNDX
JCTSPNJJ
JCTSPNM

JCTSPVLU
JCTSRMTK
JCTSRVCL
JCTSRVCM
JCTSRVUP

JCTSTART
JCTSTEPN
JCTSTIMD
JCTSTIMI
JCTSUDAO

JCTSUFDB
JCTSUPRS
JCTSYSB
JCTSYSJ
JCTSYSR

JCTSYSTEM
JCTTHOLD
JCTTIMON
JCTTOD
JCTTODA

JCTTOKEN
JCTTOTL
JCTTRKG1
JCTTRKG2
JCTTUSID

JCTUPDTE
JCTUSRJB
JCTVARL
JCTVSREQ
JCTVSR1

JCTVS2SZ
JCTWARNI
JCTWCT
JCTWERR
JCTWLMTK

JCTXMIT
JCTXNODE
SEACTIVE
SECOMP
SEDSPAB

Name

SEDSPNO
SEEND
SEFLAGS
SEFLAG1
SEIEND

SEIPASS
SEISTART
SERESCH
SERESERV
SESEQNO

SESIZE
SESTART

IATYJDA Information

IATYJDA Programming Interface information

Programming Interface information

IATYJDA

The following field is **NOT** programming interface information:

- JDABCNDB

End of Programming Interface information

Heading Information • IATYJDA Map

IATYJDA Heading Information

Common Name: Job Data Accounting Block
Macro ID: IATYJDA
DSECT Name: JDABSTRT, JDABNTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JDAB
 Offset: 8
 Length: 4
Storage Attributes: Main Storage: JSAM Buffer
 Auxiliary Storage: JES3 Spool
 Key: Key 1 (JESKEY)
 Residency: Any
Size: JDABFSIZ (size of fixed area)
 JDABVSIZ (size of variable area)
Created by: IATGRCD, IATISCD
Pointed to by: JCTJDFDB in IATYJCT
 JVVJDAB in IATYJVW
 RQJDBFDB in IATYRSQ
Serialization: None
Function: Define the job, its data sets, and associated processing parameters.

IATYJDA Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JDABSTRT	
0	(0)	BITSTRING	6	JDABTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	JDABCNT	USER COUNT.
8	(8)	CHARACTER	4	JDABID	FILE ID.
12	(C)	BITSTRING	12	JDABCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	JDABVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	JDABDATA (0)	START OF USER DATA AREA.
28	(1C)	BITSTRING	1		RESERVED FOR JES3
29	(1D)	BITSTRING	1	JDABJFLG	FLAG
		1... ..		JDABJRST	"X'80" JOB WAS JES3 RESTRTD ON MAIN
		.1.. ..		JDABOASP	"X'40" JOB ORIGIN IS ASP SYSTEM
		..1.		JDABT1MS	"X'20" PRIM TRK GRPS ASSIGNED BY MSMS
		...1		JDABT2MS	"X'10" 2NDRY TRK GRPS ASSIGNED BY MSMS
		.... 1...		JDABSPMS	"X'08" SPART ASSIGNED BY MSMS
		.... .1..		JDABTJBT	"X'04" TEMP TAT FDB FOR RDR CHKPT 2684
		.... ..1.		JDABSYMT	"X'02" JOB IS ARM-RESTART, INITIAL 0038 SYMBOL
		.... ...1		JDABLSYM	TABLE AVAILABLE 0038
					"X'01" Large symbol table
30	(1E)	SIGNED	2	JDABTOTL	- LENGTH OF ENTIRE JDAB - WITH ALL SES
32	(20)	BITSTRING	12	JDABJDS	- FDB OF JDS FOR THIS JOB 1
44	(2C)	BITSTRING	28	JDABRTAT	- FDB OF READER CHECKPOINT TAT
72	(48)	SIGNED	2	JDABFIXL	- LENGTH OF FIXED PORTION

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
					IATYCNDB DSECT=NO CONSOLE ORIGIN INFORMATION FOR THIS JOB
					IATYCNDB_1;; START OF SPECIFICATIONS
					01 PROPRIETARY STATEMENT= PROPRIETARY_STATEMENT LICENSED MATERIALS - PROPERTY OF IBM 5647-A01 COPYRIGHT IBM CORP. 1989, 2010 STATUS= HJS7770 END_OF_PROPRIETARY_STATEMENT
					This data area is maintained as a CASE mapping macro. Changes should be made to the CASE source and then the PLX and Assembler should be regenerated. Do NOT make changes to the PLX or Assembler directly!
					01 Descriptive Name: Console Destination Block Acronym: CNDB
					01 Macro Name: IATYCNDB
					01 DSECT Name: IATYCNDB --based variable for storage mapping
					01 Component: JES3 (SC1BA)
					01 Function:
					02 The console destination block is a control block that contains information related to the destination that messages should be sent to. This control block is built as commands are entered into to the system and is used by command processors as a destination for where to return messages to. The control block is imbedded in other control blocks and the size of the data area must not change (otherwise a JES3 cold start is required). The data is referenced by non-source maintained modules, so offsets into the data area must not change.
					01 Eye-Catcher: CNDBEYE
					02 Offset: 4
					02 Length: 4
					01 Language: PL/X
					01 Storage Attributes:
					02 Allocation Method: Imbedded within other control blocks
					02 Main Storage: 94
					02 Virtual Storage: 94
					02 Auxiliary Storage: 94
					02 Subpool: n/a
					02 Key: 1
					02 Data Space: N/A
					02 Residency: any
					02 Frequency: n/a
					02 Size: 94
					02 Created by: n/a
					02 Deleted by: n/a
					02 Pointed to by: Imbedded within other control blocks
					02 Serialization: none
					01 EXTERNAL CLASSIFICATION: DMTI
					01 END OF EXTERNAL CLASSIFICATION:
					01 Method Of access:
					02 ASM: IATYCNDB
					02 PLX: %INCLUDE SYSLIB(IATYCNDB)
					01 CHANGE ACTIVITY:

IATYJDA Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
\$QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support					
\$RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init					
\$T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0					
CASE/390 - VERSION 49					
END OF SPECIFICATIONS					
%					
End of Comment					
76	(4C)	SIGNED	4	JDABCNDB (0)	IATYCNDDB.27: based variable for storage mapping
76	(4C)	SIGNED	4		Four byte console id 0176
80	(50)	CHARACTER	4		IATYCNDDB eyecatcher
84	(54)	ADDRESS	4		IATYCNDDB version
88	(58)	BITSTRING	8		Reserved for development
96	(60)	BITSTRING	8		Console Name 0176
104	(68)	BITSTRING	24		Reserved for development
128	(80)	SIGNED	2		Reserved for development
130	(82)	BITSTRING	40		Reserved for development
172	(AC)	SIGNED	4	JDABJNUM	JOB NUMBER THIS JOB (CHAR)
176	(B0)	SIGNED	2	JDABSTMT	- LAST OUTPUT STMT NR THIS JOB
178	(B2)	SIGNED	2	JDABRSVH	- RESERVED FOR DEVELOPMENT
180	(B4)	CHARACTER	8	JDABJNAM	- JOB NAME THIS JOB
188	(BC)	CHARACTER	8	JDABJDVT	- JDVT NAME
196	(C4)	CHARACTER	8	JDABORG	- JOB ORIGIN THIS JOB
204	(CC)	CHARACTER	8	JDABACMN	- ACMAIN NAME FROM TSO

Comment

 NJE QUALIFIED NAMES OF USERS ASSOCIATED
 WITH THE JOB

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
End of Comment					
212	(D4)	CHARACTER	8	JDABSNOB	SUBMITTOR NODE NAME
220	(DC)	CHARACTER	8	JDABSUSR	SUBMITTOR USERID 0322
228	(E4)	CHARACTER	8	JDABONOD	JOB OWNER NODE NAME
236	(EC)	CHARACTER	8	JDABOUSR	JOB OWNER USERID
236	(EC)	X'EC'	0	JDABRACU	"JDABOUSR,8" (FOR COMPATABILITY PURPOSES)
244	(F4)	CHARACTER	8	JDABOGRP	JOB OWNER GROUP NAME
244	(F4)	X'F4'	0	JDABRACG	"JDABOGRP,8" (FOR COMPATABILITY PURPOSES)
252	(FC)	CHARACTER	8	JDABRNOD	REPORT TO NODE NAME
260	(104)	CHARACTER	8	JDABRUSR	REPORT TO USERID
268	(10C)	CHARACTER	8	JDABWTR	- SAVED JNAME USED TO RESTART FSS HOT WTRS AFTER HOT START
268	(10C)	X'10C'	0	JDABNSRV	"JDABWTR,8" SAVED NETSERV JOB ID
276	(114)	CHARACTER	8	JDABNTID	- DJC JOB-NET NET-ID
284	(11C)	CHARACTER	8	JDABMNAM	- MAIN NAME FOR THIS JOB
292	(124)	SIGNED	4	JDABMAIN	- MAIN INDEX FOR THIS JOB
296	(128)	SIGNED	4	JDABMAXC	- JOB CARDS ESTIMATE/ACTUAL
300	(12C)	SIGNED	4	JDABMAXL	- JOB LINES ESTIMATE/ACTUAL
304	(130)	SIGNED	4	JDABMAXB	- JOB BYTES ESTIMATE/ACTUAL
308	(134)	SIGNED	4	JDABMAXP	- JOB PAGES ESTIMATE/ACTUAL
312	(138)	BITSTRING	1	JDABOSFD	- FDB FOR OUTPUT SERVICE FRPS

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
Comment						

<p>The following two fields contain OSE checkpoint information for external writer (PSO) applications. JDABBUFC (formerly named JDABBUFN) has been superseded by JDABBUF4, but it may contain a two-byte OSE sequence number for OSEs that were created on downlevel releases.</p>						

End of Comment						
324	(144)	BITSTRING	2	JDABBUFC	OSE buffer sequence number for XWTR applications	
326	(146)	BITSTRING	2	JDABOFST	OSE OFFSET NBR FOR XWTR OSE	
328	(148)	SIGNED	2	JDABJOB	Compatible with JDABJOBS - see IATXJBNO macro	
330	(14A)	SIGNED	2	JDABSPNX	- SPOOL PARTITION INDEX	
332	(14C)	BITSTRING	1	JDABTKG1	- PRIMARY TRACK GROUPS	
333	(14D)	BITSTRING	1	JDABTKG2	- 2NDARY TRACK GROUPS	
334	(14E)	BITSTRING	1	JDABFLG1	- FLAGS	
Comment						

DEFINITION OF JDABFLG1						

End of Comment						
		1... ..		JDABFAIL	"X'80" - JOB IS TO BE FAILED AFTER RICONTL	
		.1.. ..		JDABDEDL	"X'40" - JOB IS DEADLINE SCHEDULED	
		..1. ..		JDABMPOF	"X'20" - JOB IS NOW OFF MAIN	
		...1 ...		JDABMPAC	"X'10" - JOB IS NOW ACTIVE ON MAIN	
		.... 1..		JDABACMF	"X'08" - ACMAIN SPECIFIED EXPLICITLY	
		.... .1..		JDABCI	"X'04" - JOB HAS C/I SE	
		.... ..1.		JDABNORS	"X'02" - JOB IS NOT RESTARTABLE ON MAIN	
		.... ...1		JDABITER	"X'01" - ITERATION FLAG FOR PRINT	
335	(14F)	BITSTRING	1	JDABFLG2	- FLAGS	
Comment						

DEFINITION OF JDABFLG2						

End of Comment						
		1... ..		JDABINTW	"X'80" - INTRDR wait flag	
		.1.. ..		JDABNSMF	"X'40" DONT CREATE SMF RECORD	
		..1. ..		JDABDJNS	"X'20" - THIS IS A NON-STANDARD DJC JOB	
		...1 ...		JDABRNGC	"X'10" RINGCHK = NO	
		.... 1..		JDABR208	"X'08" - Reserved flag	
		.... .1..		JDABR204	"X'04" - Reserved flag	
		.... ..1.		JDABOTSO	"X'02" - JOB ORIGINATED FROM TSO OR 0009 THE JOB THAT SUBMITTED THIS 0009 JOB VIA THE INTRDR HAS A 0009 USERID ASSOCIATED WITH IT 0009 (E.G. *MAIN USERID=) 0009	
		.... ...1		JDABR201	"X'01" - Reserved flag	
336	(150)	BITSTRING	1	JDABFLG3	- FLAGS	
Comment						

DEFINITION OF JDABFLG3						

End of Comment						

IATYJDA Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		1...		JDABORJP	"X'80" - INPUT FROM RJP TERMINAL
		.1..		JDABOIJP	"X'40" - JOB ORIGIN IS IJP
		..1.		JDABNOXP	"X'20" BYPASS EXPDT CHECK
		...1		JDABJRNL	"X'10" JOB HAS JOURNAL DATA SET
		.... 1...		JDABVRFY	"X'08" PASSWORD VERIFICATION NOT REQUIRED
		.... .1..		JDABENCPC	"X'04" PASSWORDS ARE ENCRYPTED
		.... ..1.		JDABSWLM	"X'02" Job was selected by a managed initiator
		.... ...1		JDABNTSV	"X'01" Job is a NETSERV
337	(151)	BITSTRING	1	JDABFLG4	- FLAGS

Comment

 DEFINITION OF JDABFLG4

End of Comment

		1...		JDABCNCL	"X'80" - FAILURE OPTION IS CANCEL
		.1..		JDABHOLD	"X'40" - FAILURE OPTION IS HOLD
		..1.		JDABPRNT	"X'20" - FAILURE OPTION IS PRINT THEN HOLD
		...1		JDABRSRT	"X'10" - FAILURE OPTION IS RESTART
		.... 1...		JDABCKPT	"X'08" - JOBSTEP OPTION IS CHECKPOINT
		.... .1..		JDABSCAN	"X'04" - JOB CARD HAD TYPRUN=SCAN
		.... ..1.		JDABRBT2	"X'02" - UNUSED
		.... ...1		JDABCDSP	"X'01" - DSP CREATED BY CALLDSP
338	(152)	BITSTRING	1	JDABLIMF	LIMIT FLAGS

Comment

 DEFINITION OF JDABLIMF

End of Comment

		1...		JDABCANB	"X'80" CANCEL JOB ON MAX BYTES
		.1..		JDABDMPB	"X'40" CANCEL JOB WITH DUMP ON MAX BYTES
		..1.		JDABCANP	"X'20" CANCEL JOB ON MAX PAGES
		...1		JDABDMPP	"X'10" CANCEL JOB WITH DUMP ON MAX PAGES
		.... 1...		JDABCANC	"X'08" - CANCEL JOB ON MAX CARDS
		.... .1..		JDABDMPC	"X'04" - CANCEL JOB WITH DUMP ON MAX CARDS
		.... ..1.		JDABCANL	"X'02" - CANCEL JOB ON MAX LINES
		.... ...1		JDABDMPL	"X'01" - CANCEL JOB WITH DUMP ON MAX LINES
340	(154)	SIGNED	2	JDABRSV1	RESERVED FOR DEVELOPMENT
342	(156)	CHARACTER	2	JDABPMID	- PARM ID FOR C/I
344	(158)	ADDRESS	1	JDABSUBM	Submitting MPC sequence no 05212STC
345	(159)	BITSTRING	7	JDABFUSE	- AVAILABLE TO USER
352	(160)	CHARACTER	2	JDABPROC	- PRIVATE PROC FOR THIS JOB
354	(162)	CHARACTER	3	JDABPERF	- PERFORMANCE GROUP FROM JOBCD
357	(165)	BITSTRING	1	JDABRFLG	- RESTART FLAG

Comment

 DEFINITION OF JDABRFLG
 THIS BYTE CORRESPONDS TO DEFINITION OF BYTE
 SSJSFLG1 IN SSOB FOR JOB SELECT

End of Comment

		1...		JDABRSR	"X'80" - STEP RESTART
		.1..		JDABRCR	"X'40" - CHECKPOINT RESTART
		..1.		JDABRCN	"X'20" - CONTINUE RESTART
		...1		JDABRJQ	"X'10" - PUT JOB IN HOLD
		.... 1...		JDABWARM	"X'08" - WARMSTART JOB
358	(166)	CHARACTER	80	JDABJBCD	- // JOB CARD

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
438	(1B6)	BITSTRING	12	JDABJMR	- JOB'S JMR FDB
450	(1C2)	BITSTRING	12	JDABOSE	- OUTPUT SCHED ELEMENT FDB
462	(1CE)	CHARACTER	2	JDABRVD1	- RESERVED FOR DEVELOPMENT
464	(1D0)	CHARACTER	7	JDABNTFY	NOTIFY USER ID FROM JOB CARD
471	(1D7)	BITSTRING	1	JDABFLG5	FLAG5

Comment

 DEFINITIONS FOR JDABFLG5

End of Comment

		1... ..		JDABDLJB	"X'80" JOB IS A DEADLINE JOB
472	(1D8)	SIGNED	2	JDABSTEP	- RESTART STEP NUMBER
476	(1DC)	SIGNED	4	JDABACTL	- ACTUAL LINES FOR RESTART
480	(1E0)	SIGNED	4	JDABACTC	- ACTUAL CARDS FOR RESTART
484	(1E4)	SIGNED	4	JDABACTB	- ACTUAL BYTES FOR RESTART
488	(1E8)	SIGNED	4	JDABACTP	- ACTUAL PAGES FOR RESTART
492	(1EC)	BITSTRING	9	JDABCPWD (0)	CURRENT LENGTH/PASSWORD
492	(1EC)	BITSTRING	1	JDABCPLN	CURRENT PASSWORD LENGTH
493	(1ED)	BITSTRING	8	JDABCPAS	CURRENT PASSWORD
501	(1F5)	BITSTRING	9	JDABNPWD (0)	NEW LENGTH/PASSWORD
501	(1F5)	BITSTRING	1	JDABNPLN	NEW PASSWORD LENGTH
502	(1F6)	BITSTRING	8	JDABNPAS	NEW PASSWORD
510	(1FE)	SIGNED	2	JDASRVD2	RESERVED FOR DEVELOPMENT
512	(200)	SIGNED	2	JDAWARNI	- WARNING INCRE PERCENTAGE CARDS, LINES, BYTES, PAGES
516	(204)	SIGNED	4	JDABRSS1	Reserved for IBM
520	(208)	SIGNED	4	JDABBUF4	Four-byte OSE sequence no. for PSO checkpoint - see comments for JDABBUFC and JDABOFST
524	(20C)	SIGNED	4	JDABJTOD	TIME LEVEL TIME STAMP 0229
528	(210)	SIGNED	4	JDABRSV2 (4)	RESERVED FOR USER
544	(220)	CHARACTER	8	JDABORG2	- SECONDARY ORIGIN
552	(228)	CHARACTER	1	JDABORGQ	- ORIGIN QUALIFIER
553	(229)	BITSTRING	1	JDABNJE1	- NJE FLAG BYTE

Comment

 SETTINGS FOR JDABNJE1

End of Comment

		1... ..		JDBNJEHD	"X'80" - 1) NJE JH AND JT EXIST 0462 2) JOB RECEIVED FROM NJE 0462 NODE, OR REROUTED 0462
		.1.. ..		JDBNJEJB	"X'40" - JOB IS NJE JOB STREAM 0462
		..1.		JDBNJEOP	"X'20" - JOB IS NJE SYSOUT STREAM 0462
		...1		JDBNJESF	"X'10" - JOB IS STORE & FORWARD JOB 0462
		.... 1...		JDBNJEPR	"X'08" - NJE PRINT DATA SET PRESENT 0462
		.... .1..		JDBNJEPU	"X'04" - NJE PUNCH DATA SET PRESENT 0462
		.... ..1.		JDBNJEWR	"X'02" - IATOSNT ACTIVE FOR THIS JOB 0462
		.... ...1		JDBNJEMN	"X'01" MAIN ORG SPECIFIED
554	(22A)	BITSTRING	1	JDABNJE2	NJE FLAG BYTE 2

Comment

 DEFINITION OF JDABNJE2

End of Comment

IATYJDA Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		1...		JDBNJJEWS	"X'80" IATNTSD SHOULD SIMULATE A D016 WRITER SELECT SAF CALL D016 (WRITER RESOURCE CLASS) TO D016 AUTHORIZE AND AUDIT USER D016 ACCESS TO THE DESTINATION D016 NODE, AND DESTINATION NODE D016 ACCESS TO THE JOB DATA SETS D016
		.1..		JDBNJJEW	"X'40" IATNTSD SHOULD SIMULATE A D016 WRITER ACCESS SAF CALL D016 (JESSPOOL RESOURCE CLASS) D016 TO AUDIT USER ACCESS TO THE D016 JOB DATA SETS D016
		..1.		JDBNJEPE	"X'20" PASSWORD(S) ARE ENCRYPTED D016
		...1		JDBNJENP	"X'10" LOCAL SYSOUT DATA SET(S) D016 SHOULD NOT BE PROCESSED DUE D016 TO SECURITY PRODUCT DENIAL D016
		.... 1...		JDBNJERR	"X'08" JOB WAS PROCESSED BY THE D016 NJEROUT DSP D016
		.... .1..		JDBNJDP	"X'04" NJE Default routing fields are valid for PRINT (NJHGPRTN and NJHGPRT)
		.... ..1.		JDBNJDP	"X'02" NJE Default routing fields are valid for PUNCH (NJHGPUNN and NJHGPUN)
		.... ...1		JDBN2R01	"X'01" Reserved for Service
555	(22B)	BITSTRING	1	JDABRSV3	- RESERVED FOR DEVELOPMENT 0509
556	(22C)	SIGNED	4	JDABWSEQ	WLM initiator sequence number
560	(230)	SIGNED	4	JDABJOBS	Job number for scheduled OSE
564	(234)	CHARACTER	8	JDABNTND	NOTIFY= NODE NAME 0002
572	(23C)	SIGNED	4	JDABFEND (0)	- MARKS END OF FIXED AREA
572	(23C)	BITSTRING	1	JDABFSIZ (0)	SIZE OF FIXED AREA = L'JDABFSIZ

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	JDABNTRY	
0	(0)	BITSTRING	12	JDABPFDB	- PARAMETER FDB OR INDEX TO PARMS IN JDAB
12	(C)	SIGNED	2		- ALIGN TO FULLWORD
14	(E)	BITSTRING	1	JDABSENO	- SCHEDULER ELEMENT NUMBER THIS SE
15	(F)	BITSTRING	1	JDABDSPN	- DSP NUMBER THIS SE
16	(10)	BITSTRING	3	JDABTON	- TIME ON THIS SE
19	(13)	BITSTRING	3	JDABTOF	- TIME OFF THIS SE
22	(16)	SIGNED	2	JDABVARL	- LENGTH OF THIS JDAB ENTRY
24	(18)	SIGNED	4	JDABCDIN	- NUMBER OF CARDS READ
28	(1C)	SIGNED	4	JDABPRNL	- NUMBER OF LINES PRINTED
32	(20)	SIGNED	4	JDABPRNB	- NUMBER OF BYTES PRINTED
36	(24)	SIGNED	4	JDABPRNP	- NUMBER OF PAGES PRINTED
40	(28)	SIGNED	2	JDABPUNC	- NUMBER OF CARDS PUNCHED
42	(2A)	BITSTRING	1	JDABSEF1	- FLAGS

Comment

 DEFINITION OF JDABSEF1

End of Comment

		1...		JDABRDAC	"X'80" - THIS IS AN ACTIVE READER
		.1..		JDABSEPR	"X'40" - THIS SE RESULT OF / PROCESS
43	(2B)	BITSTRING	1	JDABSEF2	- FLAGS

Comment

 DEFINITION OF JDABSEF2

End of Comment

44	(2C)	SIGNED	4	JDABACCT	- *** RESERVED FOR ACCOUNTING INFO
----	------	--------	---	----------	------------------------------------

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
48	(30)	SIGNED	4	JDABVJES	- *** RESERVED FOR JES3
52	(34)	SIGNED	4	JDABVUSE	- *** AVAILABLE TO USER
56	(38)	SIGNED	4	JDABVEND (0)	- END OF VARIABLE AREA
56	(38)	BITSTRING	1	JDABVSIZ (0)	SIZE, VARIABLE AREA = 'JDABVSIZ

IATYJDA Cross Reference

Name

JDABACCT
 JDABACMF
 JDABACMN
 JDABACTB
 JDABACTC
 JDABACTL
 JDABACTP
 JDABBUFC
 JDABBUF4
 JDABCANB
 JDABCANC
 JDABCANL
 JDABCANP
 JDABCDIN
 JDABCDSP
 JDABCHN
 JDABCI
 JDABCKPT
 JDABCNCL
 JDABCNDB
 JDABCNT
 JDABCPAS
 JDABCPLN
 JDABCPWD
 JDABDATA
 JDABDEDL
 JDABDJNS
 JDABDLJB
 JDABDMPB
 JDABDMPC
 JDABDMPL
 JDABDMPP
 JDABDSPN
 JDABENCP
 JDABFAIL
 JDABFEND
 JDABFIXL
 JDABFLG1
 JDABFLG2
 JDABFLG3
 JDABFLG4
 JDABFLG5
 JDABFSIZ
 JDABFUSE
 JDABHOLD
 JDABID
 JDABINTW
 JDABITER
 JDABJBCD
 JDABJDS

IATYJDA Cross Reference

Name

JDABJDVT
JDABJFLG
JDABJMR
JDABJNAM
JDABJNUM

JDABJOBC
JDABJOBS
JDABJRNL
JDABJRST
JDABJTOD

JDABLIMF
JDABLSYM
JDABMAIN
JDABMAXB
JDABMAXC

JDABMAXL
JDABMAXP
JDABMNAM
JDABMPAC
JDABMPOF

JDABNJE1
JDABNJE2
JDABNORS
JDABNOXP
JDABNPAS

JDABNPLN
JDABNPWD
JDABNSMF
JDABNSRV
JDABNTFY

JDABNTID
JDABNTND
JDABNTRY
JDABNTSV
JDABOASP

JDABOFST
JDABOGRP
JDABOIJP
JDABONOD
JDABORG

JDABORGQ
JDABORG2
JDABORJP
JDABOSE
JDABOSFD

JDABOTSO
JDABOUSR
JDABPERF
JDABPFDB
JDABPMID

JDABPRNB
JDABPRNL
JDABPRNP
JDABPRNT
JDABPROC

JDABPUNC
JDABRACG
JDABRACU
JDABRBT2
JDABRCN

Name

JDABRCR
JDABRDAC
JDABRFLG
JDABRJQ
JDABRNGC

JDABRNOD
JDABRSR
JDABRSRT
JDABRSS1
JDABRSVH

JDABRSV1
JDABRSV2
JDABRSV3
JDABRTAT
JDABRUSR

JDABRVD1
JDABR201
JDABR204
JDABR208
JDABSCAN

JDABSEF1
JDABSEF2
JDABSENO
JDABSEPR
JDABSNOD

JDABSPMS
JDABSPNX
JDABSTEP
JDABSTMT
JDABSTRT

JDABSUBM
JDABSUSR
JDABSWLM
JDABSYMT
JDABTJBT

JDABTKG1
JDABTKG2
JDABTOF
JDABTON
JDABTOTL

JDABTRK
JDABT1MS
JDABT2MS
JDABVARL
JDABVEND

JDABVJES
JDABVLID
JDABVRFY
JDABVSIZ
JDABVUSE

JDABWARM
JDABWSEQ
JDABWTR
JDASRVD2
JDAWARNI

JDBNJDPR
JDBNJDPU
JDBNJEHD
JDBNJEJB
JDBNJEMN

IATYJDA Cross Reference

Name

JDBNJENP
JDBNJEOP
JDBNJEPE
JDBNJEPR
JDBNJEPU

JDBNJERR
JDBNJESF
JDBNJEWA
JDBNJEWR
JDBNJEWS

JDBN2R01

IATYJDE Information

IATYJDE Heading Information

Common Name: JES3 DIRECTORY ELEMENT
Macro ID: IATYJDE
DSECT Name: JDESTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Subpool: Subpool 251
 Key: JES Key
 Residency: Any
Size: JDESIZE Bytes
Created by: IATGRLD
Pointed to by: TVTJDEQ IN IATYTVT
 JDENEXT IN IATYJDE
Serialization: Bit JDELOCK of flag byte JDEFLAG
Function: This data area contains the JES3 directory element.

Operation: JDEs are created out of a block of storage allocated for this purpose. A JDE is defined when the JDENAME field contains a module name. If this field is zero, this JDE entry is available. If this field is 'FF', it indicates the end of the JDE storage block. In this case, the JDEADDR field is the JDE block chain pointer to the next storage block of JDEs. If there are no additional JDE blocks, the JDEADDR field is zero. If the JDENAME field contains a valid module name, and the JDEADDR and JDEBUFAD fields are zero, there is no module loaded for this JDE. The last JDE entry of a 4K block is not usable. It is the linkage to the next JDE block (if any).

IATYJDE Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JDESTART	
0	(0)	CHARACTER	8	JDENAME	FULL EIGHT CHAR MODULE NAME
Comment					

Definition of JDEFLAG.					

End of Comment					
8	(8)	BITSTRING	1	JDEFLAG	FLAG BYTE
		1... ..		JDERFRSH	"X'80" REFRESH ON NEXT ALOAD
		.1.. ..		JDEREQNU	"X'40" CALLER WAITING FOR A NEW MODULE
		..1.		JDENEED0	"X'20" CALLER NEEDS ZERO USE COUNT
		...1		JDENFREQ	"X'10" NOT FREQUENTLY USED FLAG DELETE MODULE IF ON REGARDLESS OF THRESHOLD VALUE
		.... 1..		JDELOCK	"X'08" LOCK TO SERIALIZE THE USE OF JDE
		.... .1..		JDEREUSE	"X'04" ELEMENT IS REUSEABLE
		.... ..1.		JDECSECT	"X'02" ELEMENT IS A DATA CSECT
		.... ...1		JDENDEL	"X'01" MODULE NOT DELETABLE
Comment					

Definition of JDEFLAG2.					

End of Comment					
9	(9)	BITSTRING	1	JDEFLAG2	FLAG BYTE2
		1... ..		JDERMODE	"X'80" RMODE OF MODULE 0 - RMODE = 24 1 - RMODE = ANY
		.1.. ..		JDEBLDL	"X'40" BLDL SUBTASK CALLED

IATYJDE Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		..1.		JDELOAD	"X'20" LOAD SUBTASK CALLED
		...1		JDEAMODE	"X'10" AMODE OF MODULE 0 - AMODE = 24 1 - AMODE = 31
		.... 1...		JDERETRY	"X'08" RETRY INDICATOR FOR IATGRDL
		.... .1..		JDECLINP	"X'04" JDE CLEANUP IS IN PROGRESS (LEFT ON IF CLEANUP ABENDS)
		.... ..1.		JDEREFCM	"X'02" A *F,X,M=modname,REFRESH command is pending. Delete the module and reset the load count when the module is no longer being used.
		.... ...1		JDENUCRF	"X'01" This JDE represents a JES3 Nuc module that was refreshed via a *F,X,M=modname,REFRESH command

Comment

 Module information from IATYMOD.

End of Comment

10	(A)	BITSTRING	1	JDELEN1 (0)	BEGINNING OF MODULE INFO
10	(A)	CHARACTER	8	JDEREL	RELEASE LEVEL 0341
18	(12)	CHARACTER	6	JDEDATE (0)	Date the module assembled
18	(12)	CHARACTER	2	JDEMONTH	Month
20	(14)	CHARACTER	2	JDEDAY	Day
22	(16)	CHARACTER	2	JDEYEAR	Year
24	(18)	CHARACTER	4	JDETIME (0)	Time the module assembled
24	(18)	CHARACTER	2	JDEHOUR	HR - TIME MOD ASSEMBLED
26	(1A)	CHARACTER	2	JDEMIN	MINUTES - " "
28	(1C)	CHARACTER	7	JDEAPAR	MOST RECENT APAR APPLIED
35	(23)	CHARACTER	7	JDEPTF	MOST RECENT PTF APPLIED
42	(2A)	BITSTRING	1	JDELEN2 (0)	END OF MODULE INFO
42	(2A)	BITSTRING	0	JDELENTH (0)	LENGTH OF MODULE INFO
42	(2A)	SIGNED	2	JDESV1	RESERVED FOR DEVELOPMENT 0341
44	(2C)	SIGNED	4	JDEADDR	MODULE ORIGIN
48	(30)	SIGNED	4	JDEMOD	TOD MODULE OS LOADED
52	(34)	SIGNED	2	JDEUSE	MODULE USE COUNT
54	(36)	SIGNED	2	JDEALDS	TOTAL ALOADS
56	(38)	SIGNED	4	JDEBUFAD	BUFFER ADDR OF MODULE LOCATION
60	(3C)	SIGNED	4	JDEMSIZE	MODULE SIZE IN BYTES
64	(40)	SIGNED	4	JDEFCTP	POINTER TO OWNING FCT
68	(44)	SIGNED	4	JDELQTM	LAST LOAD REQUEST TOD - TO DETERMINE FREQUENCY OF USE
72	(48)	SIGNED	4	JDELDBLD	ADDR OF LOAD AND BLDL AREA
76	(4C)	SIGNED	2	JDERES	RESIDENT THRESHOLD
78	(4E)	SIGNED	2	JDESV1	RESERVED FOR DEVELOPMENT 0341
80	(50)	SIGNED	4	JDESV2 (2)	RESERVED FOR SERVICE
88	(58)	SIGNED	4	JDESV3	RESERVED FOR USER
92	(5C)	SIGNED	4	JDENEXT	NEXT JDE ON HASH QUEUE
96	(60)	ADDRESS	4	JDEPRVEP	Previous entry point of module before it was deleted
100	(64)	SIGNED	4	JDEEND (0)	
100	(64)	BITSTRING	1	JDESIZE (0)	

IATYJDE Cross Reference**Name**

JDEADDR
JDEALDS
JDEAMODE
JDEAPAR
JDEBLDL

JDEBUFAD
JDECLINP
JDECSECT
JDEDATE
JDEDAY

JDEEND
JDEFCTP
JDEFLAG
JDEFLAG2
JDEHOUR

JDELDBLD
JDELENT
JDELEN1
JDELEN2
JDELOAD

JDELOCK
JDELRQTM
JDEMIN
JDEMONTH
JDEMSIZE

JDENAME
JDENDEL
JDENEED0
JDENEXT
JDENFREQ

JDENUCRF
JDEPRVEP
JDEPTF
JDERFCM
JDEREL

JDEREQNU
JDERES
JDERETRY
JDEREUSE
JDERFRSH

JDERMODE
JDESV DV
JDESV D1
JDESV SV
JDESVUA

JDESIZE
JDESTART
JDETIME
JDE TOD
JDEUSE
JDEYEAR

IATYJDS Information

IATYJDS Programming Interface information

Programming Interface information

IATYJDS

End of Programming Interface information

Heading Information • IATYJDS Map

IATYJDS Heading Information

Common Name: Job Data Set Control Block
Macro ID: IATYJDS
DSECT Name: JDSSTART, JDSENTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JDS (for JDSSTART), NONE (for JDSENTRY)
 Offset: JDSID
 Length: 4
Storage Attributes: Auxiliary Storage: SPOOL
 Subpool: 229 (JSAM Buffer Pool)
 Key: 1 (JESKEY)
 Residency: ANY
Size: See Assembler Listing
Created by: IATISDV,
 IATOSDR
Pointed to by: JDABJDS in IATYJDA,
 JIBJDSPT in IATYJIB,
 JCTJDSFD (FDB) in IATYJCT,
 JDSHOLD
Serialization:
Function: Contains FDB's for all data sets
 associated with the job

IATYJDS Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JDSSTART	
0	(0)	BITSTRING	6	JDSTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	JDSCNT	USER COUNT.
8	(8)	CHARACTER	4	JDSID	FILE ID.
12	(C)	BITSTRING	12	JDSCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	JDSVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	JDSDATA (0)	START OF USER DATA AREA.
28	(1C)	SIGNED	2	JDSTOTL	- LENGTH ENTIRE JDS - WITH ALL ENTRIES
30	(1E)	SIGNED	2	JDSFIXL	- LENGTH OF FIXED PORTION
32	(20)	BITSTRING	12	JDSWKFDB	WORK FDB
44	(2C)	SIGNED	2	JDSHLDNO	- COUNT OF HELD ENTRIES
48	(30)	SIGNED	4	JDSFDBA	This buffer's FDB pointer
52	(34)	BITSTRING	1	JDSHFLG	JDS HEADER FLAG

Comment

 DEFINITION OF JDSHFLG

End of Comment

		1...		JDSALL0	"X'80" ALL ENTRIES ZEROED OUT
		.1..		JDSDJOVR	"X'40" BUFFER CREATED AS A RESULT OF OVERFLOW DURING DUMP JOB JDS TRANSLATION PROCESSING
53	(35)	BITSTRING	1	JDSRSVD6	RESERVED FOR DEVELOPMENT
54	(36)	SIGNED	2	JDSRSVD1	RESERVED FOR DEVELOPMENT
56	(38)	SIGNED	4	JDSRSVD5	RESERVED FOR DEVELOPMENT
60	(3C)	SIGNED	4	JDSRSVS1	RESERVED FOR SERVICE
64	(40)	SIGNED	4	JDSCOUNT	NUMBER OF JDS ENTRIES
68	(44)	SIGNED	4	JDSFEND (0)	- MARKS END OF FIXED PART JDS
68	(44)	BITSTRING	1	JDSFSIZE (0)	SIZE OF FIXED AREA = L'JDSFSIZE

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JDSENTRY	
0	(0)	BITSTRING	1	JDSFDB	MULT. FILE FDB THIS ENTRY
0	(0)	X'0'	0	JDSOTFDB	"JDSFDB" CONTAINS THE MULTI-FILE FDB FOR A SWB FOR A OUTPUT ST.

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
32	(20)	SIGNED	2	JDSVARL	LENGTH OF THIS JDS ENTRY
34	(22)	SIGNED	2	JDSOSENS	ACTIVE OSE COUNT
36	(24)	SIGNED	4	JDSLINES (0)	OUTPUT DATA SET LINE COUNT
36	(24)	SIGNED	4	JDSINCNT	NO OF CARDS THIS DATA SET
40	(28)	SIGNED	4	JDSPAGES	OUTPUT DATA SET PAGE COUNT
44	(2C)	SIGNED	4	JDSRECDs	Dataset Record Count
48	(30)	BITSTRING	28	JDSTATFD	TAT FDB if exists
76	(4C)	BITSTRING	32	JDSDOFDB	FDB for DOI/SWB MRF
108	(6C)	BITSTRING	1	JDSTOKEN	Security token

Comment

 The fully qualified data set name is split,
 decompressed and placed into five 8 byte fields.

End of Comment

188	(BC)	CHARACTER	40	JDSDSNM (0)	Split data set name
188	(BC)	CHARACTER	8	JDSUSRID	USER ID
196	(C4)	CHARACTER	8	JDSJOBNM	Job name (Also used to hold main processor name during SYSLOG browse processing)
204	(CC)	CHARACTER	8	JDSJOBID	JOB ID
212	(D4)	CHARACTER	8	JDSDSNUM	DATA SET NUMBER
220	(DC)	CHARACTER	8	JDSDSNAM	DSNAME IN DATA SET NAME 2
228	(E4)	SIGNED	4	JDSRECS	NUM OF SPOOL RECS PURGED
232	(E8)	SIGNED	2	JDSSPNDX	SPOOL PARTITION INDEX
234	(EA)	BITSTRING	1	JDSDSPH	DSP NUMBER HOLDING ENTRY
235	(EB)	BITSTRING	1	JDSMPSEQ	Main this job must run on (specified when the INTRDR dataset was allocated)
236	(EC)	BITSTRING	1	JDSDSHNO	JDS dataset header index
237	(ED)	BITSTRING	1	JDSRSVS2	RESERVED FOR SERVICE
238	(EE)	SIGNED	2	JDSMAXRL	MAXIMUM INPUT RECORD LENGTH
240	(F0)	BITSTRING	1	JDSFLG	- FLAGS

Comment

 DEFINITION OF JDSFLG RESERVED FOR MAIN SERVICE

End of Comment

		1... ..		JDSOPEN	"X'80" - 1= DATA SET OPENED, 0= CLOSED
		.1.. ..		JDSREAD	"X'40" - 1= DATA SET OPENED FOR READ
		..1.		JDSWRITE	"X'20" - 1= DATA SET OPENED FOR WRITE
		...1		JDSOLD	"X'10" - DATA SET WAS IN JDS AT ENTRY TO MSER
		.... 1...		JDSIJDEL	"X'08" IJP IS DELETING THIS JDS
		.... ..1.		JDSHDR	"X'02" - HDR REQD IF BIT=1
241	(F1)	BITSTRING	1	JDSFLG2	- FLAGS

Comment

 DEFINITION OF JDSFLG2

End of Comment

		1... ..		JDSDBNO	"X'80" JDSCJBNO field is valid (compatible job number)
		.1.. ..		JDSNDVRY	"X'40" VERIFY SYSOUT ON RESTART
		..1.		JDSUSID	"X'20" JDSPROCN = MVS/TSO USRID
		...1		JDSINT	"X'10" INTERPRET PUNCH CARDS.
		.... 1...		JDSPINOF	"X'08" - THIS IS A SPINOFF DS.
		.... ..1.		JDSMNCMP	"X'04" DATA SET COMPLETE ON MAIN
		.... ..1.		JDSISDON	"X'02" - ISDRVR PROCESS COMPLETE
		.... ...1		JDSYSIN	"X'01" - THIS IS A SYSIN DATA SET

IATYJDS Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
242	(F2)	BITSTRING	1	JDSCTYPE	SYSOUT CLASS TYPE
Comment					
----- DEFINITION OF JDSCTYPE, CORRESPONDS TO SCTTYPE -----					
End of Comment					
		1... ..		JDSPRINT	"X'80" - DATA SET IS TO BE PRINTED
		.1.. ..		JDSPUNCH	"X'40" - DATA SET IS TO BE PUNCHED
		..1.		JDSOTPUT	"X'20" THIS IS JDS OUTPUT TYPE ENTRY
		...1		JDSTAT	"X'10" - THIS JDS ENTRY CONTAINS OWN TAT
		.... 1...		JDSUSER1	"X'08" - USER DEFINITION ONE
		.... .1..		JDSUSER2	"X'04" - USER DEFINITION TWO
		.... ..1.		JDSRSVD	"X'02" - RESERVED SYSOUT CLASS
		.... ...1		JDSHLD	"X'01" HOLD FOR SYSTEM OUTPUT
		.... ....		JDSTSO	"X'00" ASP CODE
243	(F3)	BITSTRING	1	JDSCTRSV	RESERVED SYSOUT CLASS TYPE
Comment					
----- DEFINITION OF JDSCTRSV, CORRESPONDS TO SCTRSVD -----					
End of Comment					
		1... ..		JDSTSOVS	"X'80" MVS TSO DATA SET
		.1.. ..		JDSRSVDW	"X'40" RESERVED WRITER DATA SET
		..1.		JDSEXTWT	"X'20" EXTERNAL WRITER DATA SET
244	(F4)	BITSTRING	1	JDSFLG4	- FLAGS
Comment					
----- DEFINITION OF JDSFLG4 -----					
End of Comment					
244	(F4)	X'80'	0	JDSPRFRP	"JDSPRINT" - PRINT FRP EXISTS
244	(F4)	X'40'	0	JDSPNFRP	"JDSPUNCH" - PUNCH FRP EXISTS
244	(F4)	X'0'	0	JDSTSOFR	"JDSTSO" ASP CODE
		..1.		JDSCLSAF	"X'20" A SAF CREATE CALL WAS MADE
		...1		JDSNJOVF	"X'10" NJE OVERFLOW OFF
		.... ...1		JDSHOLDJ	"X'01" Hold this job (specified on the INTRDR dataset allocation)
		.... ..1.		JDSLRECV	"X'02" JDS LRECL FIELD IS VALID
		.... .1..		JDSISDS	"X'04" INPUT STREAM DATA SET \$\$\$\$ CREATED BY / DATASET \$\$\$\$
		.... 1...		JDSINTVL	"X'08" NJE PUN INTPRT=NO SPECIFIED
245	(F5)	BITSTRING	1	JDSFLG5	- FLAG BYTE
Comment					
----- DEFINITION OF JDSFLG5 -----					
End of Comment					
245	(F5)	X'80'	0	JDSPROSE	"JDSPRINT" - Print OSE built (x'80')
245	(F5)	X'40'	0	JDSPNOSE	"JDSPUNCH" - Punch OSE built (x'40')
		..1.		JDSOTOSE	"X'20" OSE BUILT USING OUTPUT STATEMENTS
		...1		JDSOMOHQ	"X'10" THIS ENTRY MOVED FROM THE HOLD Q TO THE WRITER Q.
		.... 1...		JDSUSAM	"X'08" USAM DATA SET

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... .1..		JDSPOSED	"X'04" Spinoff OSEs are done (built) for this entry
245	(F5)	X'1'	0	JDSHLOSE	"JDSHLD" HOLD TYPE OSE (x'01')
245	(F5)	X'0'	0	JDSTSOSE	"JDSTSO" ASP CODE (x'00')
246	(F6)	BITSTRING	1	JDSRECFM	RECORD FORMAT OF DATA SET

Comment					

DEFINITION OF JDSRECFM					

End of Comment					
		1...		JDSCPDS	"X'80" COMPOSED PAGE DATA STREAM CC
		.1..		JDSRFASA	"X'40" ASA CARRIAGE CONTROLS
		..1.		JDSRFMCH	"X'20" MACHINE CARRIAGE CONTROLS
		...1		JDSRFVAR	"X'10" VARIABLE FORMAT
		.... 1...		JDSRFFIX	"X'08" Fixed record format 05415SUA
247	(F7)	BITSTRING	1	JDSFLG9	NJE FLAG BYTE

Comment					

DEFINITION OF JDSFLG9					

End of Comment					
		1...		JDSJH	"X'80" NJE JOB HEADER
		.1..		JSDSDH	"X'40" NJE DATASET HEADER
		..1.		JDSJT	"X'20" NJE JOB TRAILER
		...1		JSDSDSHB	"X'10" DATASET HEADER EXISTS FOR THE SYSOUT DATASET
		.... 1...		JDSTXDS	"X'08" SYSOUT TARGETED FOR THIS NODE
		.... .1..		JDSSYSD	"X'04" LET JES3 FIGURE OUT THE CORRECT DESTINATION FOR THIS DATA SET
		.... ..1.		JDSBTRNC	"X'02" This data set's records have been blank truncated.
		.... ...1		JDSSPDXY	"X'01" Spool partition index specified from user address space (Netserv)
248	(F8)	SIGNED	2	JDSSEQNO	JDS BDT SEQUENCE NUMBER 0507

Comment					
0					

End of Comment					
250	(FA)	BITSTRING	1	JDSFLG10	FLAG BYTE 0507

Comment					
0					

DEFINITION OF JDSFLG10 0					

End of Comment					
		1...		JDSSECFL	"X'80" DATASET SHOULD NOT BE 0507 PRINTED DUE TO AUTH FAILURE 0507
		.1..		JDSDIRCT	"X'40" THIS SYSOUT ENTRY HAS 0259 DIRECT REFERENCES TO AT 0259 LEAST ONE DYNAMIC OUTPUT 0259 DESCRIPTOR 0259
		..1.		JDSWTRN	"X'20" JDSWTRNM is a writer name 0008 (if off, JDSWTRNM is a 0008 second-level destination) 0008
		...1		JDSCTKN	"X'10" Allocation CTOKEN was assigned for this data set
		.... 1...		JDSNTERQ	"X'08" Non-TSO ENDREQ (INTRDR)
		.... .1..		JDSUSID8	"X'04" JDSPROCN has 8-char userid
		.... ..1.		JDSN7556	"X'02" ENDREQ w/o OA07556 support

IATYJDS Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
251	(FB)	BITSTRING	1	JDSFLG11	"X'01" OA07556 active in IATDMJA FLAG BYTE
Comment					
----- DEFINITION OF JDSFLG11 -----					
End of Comment					
		1...		JDSMDWTR	"X'80" WRITER MODIFIED ON MODIFY COMMAND
		.1..		JDSMDDST	"X'40" DEST MODIFIED ON MODIFY COMMAND
		..1.		JDSMDFRM	"X'20" FORMS MODIFIED ON MODIFY COMMAND
		...1		JDSMDPRY	"X'10" PRIORITY MODIFIED ON MODIFY COMMAND
		.... 1...		JDSMDCPY	"X'08" COPY COUNT MODIFIED ON MODIFY COMMAND
		.... .1..		JDSMD2DT	"X'04" 2NDARY DEST MODIFIED ON MODIFY COMMAND
		.... .1.		JDSMDFCB	"X'02" FCB modified on modify cmd
252	(FC)	BITSTRING	1	JDSFLG12	"X'01" UCS modified on modify cmd Flag byte
Comment					
----- Definition of JDSFLG12 -----					
End of Comment					
		1...		JDSMDCHR	"X'80" CHARS modified on modify cmd
		.1..		JDSMDFLS	"X'40" CLASH modified on modify cmd
		..1.		JDSMDCPM	"X'20" COPYM modified on modify cmd
		...1		JDSMDMDE	"X'10" PRMOD modified on modify cmd
		.... 1...		JDSMDOTB	"X'08" OTBN modified on modify cmd
		.... .1..		JDSJSABJ	"X'04" Jobname came from JSAB
		.... .1.		JDSCASPN	"X'02" Currently active JESMSG LG or JESYSMSG spinoff ds
		.... ...1		JDSJSDS	"X'01" JES3 dataset (JESDS) has OSE created via OUTPUT JCL
253	(FD)	BITSTRING	1	JDSFLG13	Flag Byte
Comment					
----- Definition of JDSFLG13 -----					
End of Comment					
		1...		JDSINTER	"X'80" Internal data set
		.1..		JDSJESLG	"X'40" JESLOG data set
		..1.		JDSVAVTS	"X'20" Valid JDSVAVTS opt field 11390S5C
		...1		JSDSENF	"X'10" SAPI Requested ENF signals
		.... 1...		JDSNOUPD	"X'08" Ignore data set updates 16283TAC
		.... .1..		JDSR1304	"X'04" Reserved for IBM
		.... .1.		JDSR1302	"X'02" Reserved for IBM
		.... ...1		JDSR1301	"X'01" Reserved for IBM
254	(FE)	BITSTRING	1	JDSFLGRV	Reserved for IBM
255	(FF)	ADDRESS	1	JDSSUBMP	Submitting system MPSEQ 05212STA (INTRDR JDS entries only) 05212STA
256	(100)	SIGNED	4	JDSBYTES	Output data set byte count - the byte count contained here is a count of the number of spool buffers used and must be multiplied with the contents of field SIZEBUF to obtain the byte count
260	(104)	SIGNED	4	JDSRSV00	Reserved for IBM This field may be reclaimed when release HJS7703 is no longer in service

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
264	(108)	SIGNED	4	JDSSUBNO	Job number of the submitter 0020
268	(10C)	SIGNED	4	JDSRSVS3	RESERVED FOR SERVICE
272	(110)	SIGNED	4	JDSRSVU3	RESERVED FOR USERS *

Comment

JDS/JDO MAPPING CONTROL BLOCK.

01 Change Activity:

\$S5= SDSFASST HJS7760 090311 RD0JU: z 1.11.0 11390S5A

End of Comment

276	(114)	SIGNED	4	JDSOUTPT (0)	START OF OUTPUT RELATED INFO
276	(114)	SIGNED	2	JDSSTEP	STEP NUMBER FOR MVS MAIN
278	(116)	CHARACTER	1	JDSCCLASS	SYSOUT CLASS THIS ENTRY
279	(117)	BITSTRING	1	JDSCOPY	NUMBER OF COPIES ADDITIONAL DEPENDENCY: FOR JESMSGLG PROCESSING IF ZERO AND VALID DO NOT PUT TO FILE
280	(118)	SIGNED	2	JDSOTNR	NUMBER OF OUTPUT STATEMENTS FROM THIS DD STATEMENT
280	(118)	X'118'	0	JDSSTMTN	"JDSOTNR" STATEMENT NUMBER OF THIS OUTPUT STATEMENT
282	(11A)	SIGNED	2	JDSOTOFFS	OFFSET TO FIRST OUTPUT REF
284	(11C)	BITSTRING	1	JDSSPC	Skip & space flags

Comment

Definition of skip & space flags

End of Comment

		1... ..		JDSOVFLV	"X'80" OVFL parameter specified
		.1.		JDSOVFL	"X'40" Overflow on ch. 12
		.... .1..		JDSSPCV	"X'04" SPACE BITS ARE VALID: CONTROL = PROGRAM IF NO OTHER SPACE BITS ARE ON
		.... ...1		JDSSPC1	"X'01" SINGLE SPACE
		.... ..1.		JDSSPC2	"X'02" DOUBLE SPACE BOTH BITS ON INDICATE TRIPLE SPACE
285	(11D)	BITSTRING	1	JDSJESDS	JESDS VALUE

Comment

DEFINITION OF JESDS

End of Comment

		1... ..		JDSJDALL	"X'80" JESDS=ALL
		.1.		JDSJDJCL	"X'40" JESDS=JCL
		..1.		JDSJDLOG	"X'20" JESDS=LOG
		...1		JDSJDMMSG	"X'10" JESDS=MSG
286	(11E)	BITSTRING	1	JDSFLG1	FLAG FLG1

Comment

DEFINITION OF FLG1

End of Comment

		1... ..		JDSOPCDJ	"X'80" OPTCD = J WAS SPECIFIED
286	(11E)	X'80'	0	JDSTRC	"JDSOPCDJ" TRC = YES WAS SPECIFIED
		.1.		JDSBTSS	"X'40" 3800 BURST SHEET STACKING
		..1.		JDSCHARV	"X'20" CHARS FIELD PRESENT
		...1		JDSCPYEV	"X'10" COPYE FIELD PRESENT

IATYJDS Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... 1...		JDSFLSHV	"X'08" FLASH FIELD PRESENT
		.... .1..		JDSFLCNV	"X'04" FLCNT FIELD PRESENT
		.... ..1.		JDSMODV	"X'02" MODID-MODRC FIELD PRESENT
		.... ...1		JDSCFS	"X'01" 3800 CONTINUOUS FORMS STACKING
286	(11E)	X'FA'	0	JDS13800	"JDSOPCDJ+JDSBTSS+JDSCHARV+JDSCPYEV+JDSFLSHV+JDSMODV EQU 3800 CHARACTERISTICS
287	(11F)	BITSTRING	1	JDSFLG3	FLAG FLG3
Comment					
----- DEFINITION OF FLG3 -----					
End of Comment					
		1...		JSDSDEST	"X'80" DEST FIELD IS VALID
		.1..		JSDSFORM	"X'40" FORM FIELD PRESENT
		..1.		JSDSFCB	"X'20" FCB FIELD PRESENT
		...1		JSDSDUCS	"X'10" UCS FIELD PRESENT
		.... 1...		JSDSCOPY	"X'08" COPY FIELD IS VALID
		.... .1..		JDSUSRWT	"X'04" USER WRITER NAME PRESENT
		.... ..1.		JSDSTYPE	"X'02" TYPE FIELD PRESENT
		.... ...1		JSDDSID	"X'01" DSID FIELD PRESENT
288	(120)	BITSTRING	1	JDSFLG6	FLAG FLG6
Comment					
----- DEFINITION OF FLG6 -----					
End of Comment					
		1...		JDSOUTDF	"X'80" DEFAULT OUTPUT ENTRY
		.1..		JDSOUTRF	"X'40" OUTPUT REF THIS DD ENTRY
		..1.		JDSOUTJB	"X'20" JOB LEVEL OUTPUT ENTRY
		...1		JDSOUTST	"X'10" STEP LEVEL OUTPUT ENTRY
		.... 1...		JSDSDST2V	"X'08" DEST2 FIELD PRESENT
		.... .1..		JDSCKPLV	"X'04" CKPTLINE FIELD PRESENT
		.... ..1.		JDSCKPPV	"X'02" CKPTPAGE FIELD PRESENT
		.... ...1		JDSCKPSV	"X'01" CKPTSEC FIELD PRESENT
289	(121)	BITSTRING	1	JDSFLG7	FLAG FLG7
Comment					
----- DEFINITION OF FLG7 -----					
End of Comment					
		1...		JDSPRTYV	"X'80" PRIORITY FIELD PRESENT
		.1..		JDSTHREV	"X'40" THRESHOLD FIELD PRESENT
		..1.		JDSCTABV	"X'20" COMPACTION FIELD PRESENT
		...1		JDSMODRV	"X'10" MODRC FIELD PRESENT ON THE OUTPUT STATEMENT
		.... 1...		JSDSCLA	"X'08" MVS DEFAULT CLASS USED
		.... .1..		JDSRACUV	"X'04" SUBMITTER'S USERID PRESENT
		.... ..1.		JDSRACGV	"X'02" SUBMITTER'S GROUPID PRESENT
		.... ...1		JSDSDES	"X'01" MVS DEFAULT DEST USED
290	(122)	BITSTRING	1	JDSFLG8	FLAG FLG8

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Comment -----					
DEFINITION OF FLG8 -----					
----- End of Comment -----					
		1... ..		JDSPRMV	"X'80" PRMODE FIELD PRESENT
		.1.. ..		JDSHLDY	"X'40" HOLD=YES SPECIFIED
		..1.		JDSOTB	"X'20" OUTBIN ID SPECIFIED 0146
		...1		JDSIPADR	"X'10" IPADDR specified
		.... 1..		JDSFRMDF	"X'08" FORMDEF specified
		.... .1..		JDSPGEDF	"X'04" PAGEDEF specified
		.... ..1.		JDSXJBNO	"X'02" 4-byte job number exists (JDSJOBNO)
		.... ..1		JDSSTCKV	"X'01" SYSLOG time stamps present 12190S5A
291	(123)	BITSTRING	1	JDSFLGA	FLAG FLGA
----- Comment -----					
DEFINITION OF FLGA -----					
----- End of Comment -----					
		1... ..		JDSSEPRT	"X'80" SEPARATELY SCHEDULABLE
292	(124)	SIGNED	2	JDSSWBID	OUTPUT GROUPING TOKEN
294	(126)	CHARACTER	1	JDSOTCLS	SYSOUT CLASS OF FIRST 0012 OUTPUT REFERENCE 0012
295	(127)	BITSTRING	1	JDSRSVD4	RESERVED FOR DEVELOPMENT 0012
296	(128)	SIGNED	4	(0)	
----- Comment -----					
THE FOLLOWING THREE FIELDS MUST BE CONTIGUOUS BECAUSE WE NEED TO COMPARE FOR A LENGTH OF 24 FOR THE DATA SET NAME.					
----- End of Comment -----					
296	(128)	CHARACTER	8	JDSPROCN	- PROCEDURE NAME
304	(130)	CHARACTER	8	JDSSTEPN	- STEP NAME
312	(138)	CHARACTER	8	JDSDDNAM	- NAME OF THIS DATA SET ENTRY
312	(138)	X'18'	0	JDSDDLLEN	"*-JDSPROCN" LENGTH OF DD NAME
320	(140)	CHARACTER	8	JDSDEST	- DESTINATION
328	(148)	CHARACTER	8	JDSTYPE (0)	DESTINATION DEVICE TYPE
328	(148)	CHARACTER	8	JDSFORM (0)	PRINTER FORMS
328	(148)	CHARACTER	8	JDSFCB (0)	FCB/TAPE
328	(148)	CHARACTER	4	JDSUCS (0)	PRINTER TRAIN
328	(148)	CHARACTER	8	JDSWTRNM (0)	USER WRITER NAME
328	(148)	CHARACTER	8	JDSDSID (0)	DSID OF ERIC DATASET
328	(148)	CHARACTER	16	JDSCHARS (0)	CHARS VALUE
328	(148)	CHARACTER	8	JDSCOPYE (0)	COPY DISTRIBUTION
328	(148)	CHARACTER	4	JDSFLASH (0)	FLASH CARTRIDGE ID
328	(148)	BITSTRING	1	JDSFLCNT (0)	FLASH COUNT
328	(148)	CHARACTER	4	JDSMODID (0)	COPY MODIFICATION ID
328	(148)	CHARACTER	1	JDSMODRC (0)	COPY MOD REFERENCE CHARACTER
328	(148)	BITSTRING	1	JDSPRTY (0)	PRIORITY
328	(148)	BITSTRING	4	JDSTHRES (0)	THRESHOLD
328	(148)	CHARACTER	8	JDSDEST2 (0)	NJE USERID
328	(148)	CHARACTER	2	JDSLRECL (0)	LRECL FOR RESERVED WTR DS
328	(148)	BITSTRING	2	JDSCJBNO (0)	Compatible with &J.CJBNO - see IATXJBNO macro
328	(148)	BITSTRING	2	JDSCKPL (0)	NUMBER OF LINES TO CHECKPT
328	(148)	BITSTRING	2	JDSCKPP (0)	NUMBER OF PAGES TO CHECKPT
328	(148)	BITSTRING	2	JDSCKPS (0)	NUMBER OF SECONDS TO CHECKPT
328	(148)	CHARACTER	8	JDSCTABN (0)	COMPACTION TABLE NAME

IATYJDS Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
328	(148)	CHARACTER	8	JDSMODE (0)	PROCESS MODE FOR THIS ENTRY
328	(148)	CHARACTER	8	JDSRACU (0)	SUBMITTER'S USERID
328	(148)	CHARACTER	8	JDSRACG (0)	SUBMITTER'S GROUPID
328	(148)	BITSTRING	4	JDSJOBNO (0)	Extended job number
328	(148)	BITSTRING	4	JDSOTBN (0)	OUTBIN ID 0146
328	(148)	BITSTRING	8	JDSSTCKL (0)	Low SYSLOG time stamp 12190S5A
328	(148)	BITSTRING	8	JDSSTCKH (0)	High SYSLOG time stamp 12190S5A
328	(148)	BITSTRING	4	JDSAVTS (0)	DS when available TS 11390S5A

Comment

ADDITIONAL FIELDS FOR THE JDS MUST BE PUT IN BEFORE THE -OTREF FIELD.

End of Comment

328	(148)	BITSTRING	256	JDSOTREF (0)	OUTPUT REFERENCES THIS ENTRY
328	(148)	SIGNED	4	JDSVEND (0)	END PTR IF NO STEP OR PROC EXT.

Comment

----- 11390S5A

The following field is NOT part of a JDSEENTRY. 11390S5A
 After the end of the last JDSEENTRY a 4 byte 11390S5A
 terminator with a value of 'FFFFFFFF' is inserted 11390S5A
 so code iterating the entries knows to stop. 11390S5A
 This terminator is required so code that appends a 11390S5A
 JDSEENTRY in a buffer must make sure there is enough 11390S5A
 room in the buffer for the entry itself and the 11390S5A
 4 byte terminator. 11390S5A

----- 11390S5A

End of Comment

328	(148)	BITSTRING	4	JDSETERM (0)	JDSEENTRY terminator field 11390S5A
-----	-------	-----------	---	--------------	-------------------------------------

Comment

----- 12190S5A

The following codes are used to specify the field 12190S5A
 that GRJAADVJ is to position to. They should 12190S5A
 correspond to the sequential number of the field in 12190S5A
 the list of declared fields above. 12190S5A

----- 12190S5A

End of Comment

328	(148)	X'10'	0	JDSLCLRL	"16" Locate the JDSLRECL field 12190S5A
328	(148)	X'1B'	0	JDSCSTKL	"27" Locate the JDSSTCKL field 12190S5A

Comment

VSIZE (ENTRY FIXED SIZE)
 THIS LABEL DEFINES THE MAXIMUM SIZE OF THE ENTRY
 FIXED PORTION.

End of Comment

328	(148)	BITSTRING	1	JDSVSIZE (0)	
-----	-------	-----------	---	--------------	--

Comment

VSZS1 - VSZS4 (SPINOFF - VARIABLE)
 THIS LABEL DEFINES THE LENGTH ATTRIBUTES FOR THE
 VARIABLE PARAMETERS THAT ARE USED FOR SPINOFF
 PROCESSING. JDS ENTRIES ARE CREATED FOR SPINOFF
 PROCESSING WITHIN MODULE IATOSGR (ROUTINE 'SPINOFF'). 0

End of Comment

Offsets

Dec	Hex	Type/Value	Len	Name (Dim)	Description
328	(148)	X'1C'	0	JDSVVSZS1	"L'JDSTYPE+L'JDSFORM+L'JDSFCB+L'JDSUCS"
328	(148)	X'28'	0	JDSVVSZS2	"L'JDSWTRNM+L'JDSDSID+L'JDSCHARS+L'JDSCOPYE"
328	(148)	X'A'	0	JDSVVSZS3	"L'JDSFLASH+L'JDSFLCNT+L'JDSMODID+L'JDSMODRC"
328	(148)	X'16'	0	JDSVVSZS4	"L'JDSLRECL+L'JDSJOBNO+L'JDSRACU+L'JDSRACG"

Comment

11390S5A

When there are no global to local or release 11390S5A dependencies on the JDSMSZS equate it should be 11390S5A changed to include JDSAVTS. 11390S5A

11390S5A

End of Comment

328	(148)	X'4'	0	JDSVVSZS5	"L'JDSAVTS" 11390S5A
-----	-------	------	---	-----------	----------------------

Comment

VSZS (SPINOFF - MAX VARIABLE)
THIS LABEL DEFINES THE MAXIMUM LENGTH OF THE VARIABLE PARAMETERS USED FOR SPINOFF PROCESSING.

End of Comment

328	(148)	X'64'	0	JDSVVSZS	"JDSVVSZS1+JDSVVSZS2+JDSVVSZS3+JDSVVSZS4"
-----	-------	-------	---	----------	---

Comment

MSZS (SPINOFF - MAXIMUM ENTRY)
THIS LABEL DEFINES THE MAXIMUM LENGTH OF A ENTRY FOR SPINOFF.

End of Comment

328	(148)	X'1AC'	0	JDSMSZS	"L'JDSVSIZE+JDSVVSZS"
-----	-------	--------	---	---------	-----------------------

Comment

VSZ1 - VSZ7 (TOTAL - VARIABLE)
THIS LABEL DEFINES THE LENGTH ATTRIBUTES FOR THE ALL THE VARIABLE PARAMETERS.

End of Comment

328	(148)	X'1C'	0	JDSVVSZ1	"L'JDSTYPE+L'JDSFORM+L'JDSFCB+L'JDSUCS"
328	(148)	X'28'	0	JDSVVSZ2	"L'JDSWTRNM+L'JDSDSID+L'JDSCHARS+L'JDSCOPYE"
328	(148)	X'A'	0	JDSVVSZ3	"L'JDSFLASH+L'JDSFLCNT+L'JDSMODID+L'JDSMODRC"
328	(148)	X'F'	0	JDSVVSZ4	"L'JDSPRTY+L'JDSTHRES+L'JDSDEST2+L'JDSLRECL"
328	(148)	X'A'	0	JDSVVSZ5	"L'JDSJOBNO+L'JDSCKPL+L'JDSCKPP+L'JDSCKPS"
328	(148)	X'20'	0	JDSVVSZ6	"L'JDSCTABN+L'JDSMODE+L'JDSRACU+L'JDSRACG"
328	(148)	X'114'	0	JDSVVSZ7	"L'JDSOTBN+L'JDSOTREF+L'JDSSTCKL+L'JDSSTCKH"
328	(148)	X'4'	0	JDSVVSZ8	"L'JDSAVTS" 11390S5A

Comment

VESZ1 - VESIZ (TOTAL - MAXIMUM VARIABLE)
THIS LABEL DEFINES THE MAXIMUM LENGTH OF THE PARAMETER ENTRIES.

End of Comment

328	(148)	X'87'	0	JDSVESZ1	"JDSVVSZ1+JDSVVSZ2+JDSVVSZ3+JDSVVSZ4+JDSVVSZ5+JDSVVSZ6"
328	(148)	X'19F'	0	JDSVESIZ	"JDSVVSZ7+JDSVESZ1+JDSVVSZ8" 11390S5C

IATYJDS Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
<p>MXSIZ (MAXIMUM ENTRY SIZE) THIS LABEL DEFINES THE MAXIMUM LENGTH OF THE ENTRY.</p>					
End of Comment					
328	(148)	X'2E7'	0	JDSMXSIZ	"L'JDSVSIZE+JDSVESIZ"

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	SYSINPTR	
0	(0)	CHARACTER	3	INCOMENT	Comment statement
3	(3)	CHARACTER	10	INSPADRH	Spool address header
13	(D)	BITSTRING	6	INSPADRV	Spool address value
19	(13)	CHARACTER	8	INDSNUMH	Dataset number field header
27	(1B)	CHARACTER	8	INDSNUMV	Data set number value
35	(23)	CHARACTER	8	INDELIMH	Delimiter field header
43	(2B)	BITSTRING	2	INDELIMV	Delimiter value
45	(2D)	CHARACTER	7	INNOTERH	Note header (not spooled)
52	(34)	BITSTRING	8	INNOTERV	Note value (not spooled)
60	(3C)	CHARACTER	13	INBLANKS	Record filler - blanks
73	(49)	CHARACTER	7	INJES3GN	JES3 generated tag
73	(49)	X'50'	0	INPTSIZE	**-'SYSINPTR" Size of SYSIN pointer record
Comment					

ADVJDS - Internal macro to advance beyond a single JDS field given a flag byte and a bit within the flag indicating that the JDS field is valid. The COPYTO parameter can be specified to indicate that the generated code should include a MVC to copy the field into another field. Addressability to the specified field must already be established. This macro can also be used on JDO fields.

End of Comment

IATYJDS Cross Reference

Name

INBLANKS
INCOMENT
INDELIMH
INDELIMV
INDSNUMH
INDSNUMV
INJES3GN
INNOTERH
INNOTERV
INPTSIZE
INSPADRH
INSPADRV
JDSALLO
JDSAVTS
JDSBTRNC
JDSBTSS
JDSBYTES
JDSCASPN
JDSCFS
JDSCHARS

Name

JDSCHARV
JDSCHN
JDSCJBNO
JDSCKPL
JDSCKPLV

JDSCKPP
JDSCKPPV
JDSCKPS
JDSCKPSV
JDSCCLASS

JDSCLRCL
JDSCLSAF
JDSCNT
JDSCOPY
JDSCOPYE

JDSCOUNT
JDSCPDS
JDSCPYE
JDSCSTKL
JDSCTABN

JDSCTABV
JDSCTKN
JDSCTRSV
JDSCTYPE
JDSDATA

JSDCLA
JSDCOPY
JSDDES
JSDDEST
JSDLEN

JSDDNAM
JSDDSID
JSDDEST
JSDDEST2
JSDFCB

JSDFORM
JSDH
JSDIRECT
JSDJBNO
JSDJOVR

JSDOFDB
JSDSENF
JSDSHB
JSDSHNO
JSDSID

JSDSNAM
JSDSNM
JSDSNUM
JSDSPH
JSDST2V

JSDTYPE
JSDUCS
JSDUSID
JSENTRY
JSETERM

JSEXTWT
JSDFCB
JSDFDB
JSDFDBA
JSDFEND

IATYJDS Cross Reference

Name

JDSFIXL
JDSFLASH
JDSFLCNT
JDSFLCNV
JDSFLG

JDSFLGA
JDSFLGRV
JDSFLG1
JDSFLG10
JDSFLG11

JDSFLG12
JDSFLG13
JDSFLG2
JDSFLG3
JDSFLG4

JDSFLG5
JDSFLG6
JDSFLG7
JDSFLG8
JDSFLG9

JDSFLSHV
JDSFORM
JDSFRMDF
JDSFSIZE
JDSG7556

JDSHDR
JDSHFLG
JDSHLD
JDSHLDNO
JDSHLDY

JDSHLOSE
JDSHOLDJ
JDSID
JDSIJDEL
JDSINCNT

JDSINT
JDSINTER
JDSINTVL
JDSIPADR
JDSISDON

JDSISDS
JDSJDALL
JDSJDJCL
JDSJDLOG
JDSJDMMSG

JDSJESDS
JDSJESLG
JDSJH
JDSJOBID
JDSJOBNM

JDSJOBNO
JDSJSABJ
JDSJSDS
JDSJT
JDSLINES

JDSLRECL
JDSLRECV
JDSMAXRL
JDSMDCHR
JDSMDCPM

Name

JDSMDCPY
JDSMDDST
JDSMDFCB
JDSMDFLS
JDSMDFRM

JDSMDMDE
JDSMDOTB
JDSMDPRY
JDSMDUCS
JDSMDWTR

JDSMD2DT
JDSMNCMP
JDSMODE
JDSMODID
JDSMODRC

JDSMODRV
JDSMODV
JDSMPSEQ
JDSMSZS
JDSMXSIZ

JDSNDVRY
JDSNJOVF
JDSNOUPD
JDSNTERQ
JDSN7556

JDSOLD
JDSOMOHQ
JDSOPCDJ
JDSOPEN
JDSOSENS

JDSOTB
JDSOTBN
JDSOTCLS
JDSOTFDB
JDSOTNR

JDSOTOFS
JDSOTOSE
JDSOTPUT
JDSOTREF
JDSOUTDF

JDSOUTJB
JDSOUTPT
JDSOUTRF
JDSOUTST
JDSOVFL

JDSOVFLV
JDSPAGES
JDSPGEDF
JDSPINOF
JDSPNFRP

JDSPNOSE
JDSPPOSED
JDSPRFRP
JDSPRINT
JDSPRMV

JDSPROCN
JDSPROSE
JDSPRTY
JDSPRTYV
JDSPUNCH

IATYJDS Cross Reference

Name

JDSRACG
JDSRACGV
JDSRACU
JDSRACUV
JDSREAD

JDSRECD5
JDSRECFM
JDSRECS
JDSRFASA
JDSRFFIX

JDSRFMCH
JDSRFVAR
JDSRSVD
JDSRSVDW
JDSRSVD1

JDSRSVD4
JDSRSVD5
JDSRSVD6
JDSRSVS1
JDSRSVS2

JDSRSVS3
JDSRSVU3
JDSRSV00
JDSR1301
JDSR1302

JDSR1304
JDSSECFL
JDSSEPRT
JDSSEQNO
JDSSPC

JDSSPCV
JDSSPC1
JDSSPC2
JDSSPDXY
JDSSPNDX

JDSSTART
JDSSTCKH
JDSSTCKL
JDSSTCKV
JDSSSTEP

JDSSTEPN
JDSSTMTN
JDSSUBMP
JDSSUBNO
JDSSWBID

JDSSYSD
JDSTAT
JDSTATFD
JDSTHRES
JDSTHREV

JDSTOKEN
JDSTOTL
JDSTRC
JDSTRK
JDSTSO

JDSTSOFR
JDSTSOSE
JDSTSOVS
JDSTXDS
JDSTYPE

Name

JDSUCS
JDSUSAM
JDSUSER1
JDSUSER2
JDSUSID8

JDSUSRID
JDSUSRWT
JDSVARL
JDSVAVTS
JDSVEND

JDSVESIZ
JDSVESZ1
JDSVLID
JDSVSIZE
JDSVSZS

JDSVSZS1
JDSVSZS2
JDSVSZS3
JDSVSZS4
JDSVSZS5

JDSVSZ1
JDSVSZ2
JDSVSZ3
JDSVSZ4
JDSVSZ5

JDSVSZ6
JDSVSZ7
JDSVSZ8
JDSWKFDB
JDSWRITE

JDSWTRN
JDSWTRNM
JDSXJBNO
JDSYSIN
JDS13800
SYSINPTR

IATYJDSX Information

IATYJDSX Programming Interface information

Programming Interface information

IATYJDSX

End of Programming Interface information

Heading Information • IATYJDSX Map

IATYJDSX Heading Information

Common Name: OSEJDSPT Translation Data Areas
Macro ID: IATYJDSX
DSECT Name: JDSXTABL, JDSXTABE, JDSXPARM
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JDSXTABL, JDSXPARM
 Offset: 0
 Length: 8
Storage Attributes: Auxiliary Storage: N/A
 Subpool: 0
Size: JXTBHSIZ (JDSXTABL)
 JXTBESIZ (JDSXTABE)
 JXPRMSIZ (JDSXPARM)
Created by: IATMOOI (JDSXPARM)
 IATOSOR (JDSXTABL, JDSXTABE)
 IATOSSO (JDSXPARM)
Pointed to by: JXPMTABL (JDSXTABL)
 MOOSJXTB (JDSXTABL)
 SDWJDXTB (JDSXTABL)
 JXTBAVLE (JDSXTABE)
 Register 1 on entry to OSORJDSX
 (JDSXPARM)
Serialization: NONE
Function: This macro maps the following data areas
 used by the OSEJDSPT translation routine:
 o JDSXPARM- Parameter list for OSORJDSX
 o JDSXTABL- OSEJDSPT translate table header
 o JDSXTABE- OSEJDSPT translate table entry

IATYJDSX Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JDSXTABL	OSEJDSPT table mapping
0	(0)	CHARACTER	8	JXTBEYE	Table eyecatcher
8	(8)	ADDRESS	4	JXTBNEXT	Pointer to next segment
12	(C)	SIGNED	4	JXTBSIZE	Size of this segment
16	(10)	ADDRESS	4	JXTBAVLE	Address of next available entry
16	(10)	X'14'	0	JXTBHSIZ	"*-JDSXTABL" Size of table header
16	(10)	X'14'	0	JXTBENTS	"**" Start of first entry
16	(10)	X'3E'	0	JXTBENTN	"62" Number of entries per segment

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JDSXTABE	OSEJDSPT table entry map
0	(0)	SIGNED	4	JXTBOLDV	Old OSEJDSPT value
4	(4)	SIGNED	4	JXTBNEWV	New OSEJDSPT value
8	(8)	SIGNED	4	JXTBREFT	Total number of OSEs that reference this JDS
12	(C)	SIGNED	4	JXTBREFC	Number of referencing OSEs that have been changed so far
12	(C)	X'10'	0	JXTBESIZ	"*-JDSXTABE" Size of table entry

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JDSXPARM	OSEJDSPT table entry map
0	(0)	CHARACTER	8	JXPMEYE	Parameter list eyecatcher
8	(8)	ADDRESS	4	JXPMTABL	Address of OSEJDSPT translate table
12	(C)	ADDRESS	4	JXPMANCH	Address of field pointing to OSEJDSPT translate table anchor
16	(10)	SIGNED	4	JXPMBUF4	(Low) Buffer number
20	(14)	SIGNED	4	JXPMBFH4	High buffer number
24	(18)	ADDRESS	4	JXPMOSEF	OSE buffer address
28	(1C)	ADDRESS	4	JXPMRSQA	RESQUEUE address
32	(20)	ADDRESS	4	JXPMWSPA	WSP address

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
36	(24)	ADDRESS	4	JXPMCSBT	CSBT entry address
40	(28)	SIGNED	4	JXPMDUMP	Dump code
44	(2C)	SIGNED	4	JXPMRESN	Abend reason code
48	(30)	BITSTRING	1	JXPMFUNC	Function code
Comment					
----- Definition of JXPMFUNC code values -----					
End of Comment					
48	(30)	X'1'	0	JXPMCREA	"1" Create translate table
48	(30)	X'2'	0	JXPMDELE	"2" Delete translate table
48	(30)	X'3'	0	JXPMXLTB	"3" Translate one OSE buffer
48	(30)	X'4'	0	JXPMXLTR	"4" Read in and translate one or more OSE buffers
48	(30)	X'5'	0	JXPMFCOST	"5" Check OSTs to see whether OSE buffer needs translation
48	(30)	X'6'	0	JXPMXBDT	"6" Translate queued temporary BDT OSEs
49	(31)	BITSTRING	1	JXPMFLG1	Processing (input) flags
Comment					
----- Definition of JXPMFLG1 bit values -----					
End of Comment					
		1... ..		JXPMULIM	"X'80" JXPMBUFF is an upper limit; process all OSE buffers up to but not including JXPMBUFF
		.1.. ..		JXPMBSKP	"X'40" Skip processing OSE buffers JXPMBUFF through JXPMBUFH inclusive; process all buffers before JXPMBUFF and all after JXPMBUFH
		..1.		JXPMSNGL	"X'20" Process a single OSE buffer (JXPMBUFF)
		...1		JXPMF110	"X'10" Reserved for IBM
		.... 1...		JXPMF108	"X'08" Reserved for IBM
		.... .1..		JXPMF104	"X'04" Reserved for IBM
		.... ..1.		JXPMF102	"X'02" Reserved for IBM
		.... ...1		JXPMF101	"X'01" Reserved for IBM
50	(32)	BITSTRING	1	JXPMFLG2	Work/output flags
Comment					
----- Definition of JXPMFLG2 bit values -----					
End of Comment					
		1... ..		JXPMXINC	"X'80" Translation is not complete
		.1..		JXPMCHNG	"X'40" The current OSE buffer has been changed
		..1.		JXPMRCUR	"X'20" Recursive error indicator
		...1		JXPMIOER	"X'10" I/O error on JESREAD
		.... 1...		JXPMF208	"X'08" Reserved for IBM
		.... .1..		JXPMF204	"X'04" Reserved for IBM
		.... ..1.		JXPMF202	"X'02" Reserved for IBM
		.... ...1		JXPMF201	"X'01" Reserved for IBM
51	(33)	BITSTRING	1	JXPMRSV1	Reserved for IBM
51	(33)	X'34'	0	JXPRMSIZ	"*-JDSXPARM" Size of parameter list

IATYJDSX Cross Reference

IATYJDSX Cross Reference

Name

JDSXPARM
JDSXTABE
JDSXTABL
JXPMANCH
JXPMBFH4

JXPMBSKP
JXPMBUF4
JXPMCHNG
JXPMCOST
JXPMCREA

JXPMCSBT
JXPMDELE
JXPMDUMP
JXPMEYE
JXPMFLG1

JXPMFLG2
JXPMFUNC
JXPMF101
JXPMF102
JXPMF104

JXPMF108
JXPMF110
JXPMF201
JXPMF202
JXPMF204

JXPMF208
JXPMIOER
JXPMOSEF
JXPMRCUR
JXPMRESN

JXPMRSQA
JXPMRSV1
JXPMSNGL
JXPMTABL
JXPMULIM

JXPMWSPA
JXPMXBDT
JXPMXINC
JXPMXLTB
JXPMXLTR

JXPRMSIZ
JXTBAVLE
JXTBENTN
JXTBENTS
JXTBESIZ

JXTBEYE
JXTBHSIZ
JXTBNEWV
JXTBNEXT
JXTBOLDV

JXTBREFC
JXTBREFT
JXTBSIZE

IATYJEL Information

IATYJEL Heading Information

Common Name: JCT INITIALIZATION ERROR LOGOUT ELEMENT
Macro ID: IATYJEL
DSECT Name: JELSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JEL
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: SUBPOOL 0
Size: 16 Bytes
Created by: IATINJQ
Pointed to by: INTJELAD IN IATYINT
 JELNEXT IN IATYJEL
Serialization: NONE
Function: Describes a JCT record for which job validation/restart is to be bypassed.

IATYJEL Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JELSTART	
0	(0)	CHARACTER	4	JELID	DATA AREA ID
4	(4)	ADDRESS	4	JELNEXT	ADDRESS OF NEXT JEL ENTRY OR ZERO
8	(8)	BITSTRING	4	JELRECNO	JCT RECORD NUMBER (R OF M.R)

Comment

 JELFLG1 --- ERROR INDICATOR

End of Comment

12	(C)	BITSTRING	1	JELFLG1	ERROR INDICATOR
		1... ..		JELIOERR	"X'80" - READ ERROR
		.1.. ..		JELDATM	"X'40" - DATSPMOD INVALID
		..1.		JELDATR	"X'20" - DATSPREC INVALID
		...1		JELDATID	"X'10" - SRFID INVALID
		.... 1..		JELJCTID	"X'08" - JCTID INVALID
		.... .1..		JELDUPNO	"X'04" - DUPLICATE JOB NUMBER
		.... ..1.		JELBADNO	"X'02" - INVALID JOB NUMBER
13	(D)	BITSTRING	1	JELRSERV (3)	RESERVED FOR DEVELOPMENT
16	(10)	DBL WORD	8	JELEND (0)	- ALIGN JEL TO DOUBLEWORD
16	(10)	X'10'	0	JELSIZE	"JELEND-JELSTART" SIZE OF JEL

IATYJEL Cross Reference

Name

JELBADNO
 JELDATID
 JELDATM
 JELDATR
 JELDUPNO
 JELEND
 JELFLG1
 JELID
 JELIOERR
 JELJCTID

IATYJEL Cross Reference

Name

JELNEXT
JELRECNO
JELRSERV
JELSIZE
JELSTART

IATYJET Information

IATYJET Heading Information

Common Name: *0031 JET (JDS Entry Table)
Macro ID: IATYJET
DSECT Name: JETSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JET
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: JES3JET Data Space
 Auxiliary Storage: N/A
 Key: 1
 Residency: Any
Size: Header: 8 bytes
 Body: A multiple of JETESIZE, depending on the JES3 buffer size
Created by: IATDMJV
 IATGRJA
Pointed to by: CSBTUSER in JDS type entry
Serialization: None
Function: This macro is used to map the JDS Entry Table. Each entry in the table corresponds to a JDS entry in a JDS buffer and contains a quick summary of data in the entry.

IATYJET Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JETSTART	, Start of JET mapping
0	(0)	CHARACTER	4	JETNAME	Eyecatcher
4	(4)	SIGNED	2	JETOJDS	Size of largest zeroed JDS entry
6	(6)	ADDRESS	1	JETVER	JET version
6	(6)	X'1'	0	JETIVER	"1" Initial version number
6	(6)	X'1'	0	JETCVER	"JETIVER" Current version number
7	(7)	BITSTRING	1	JETRSVD	Reserved for IBM
8	(8)	SIGNED	4	JETHEND (0)	End of header section
8	(8)	X'8'	0	JETHSIZE	"JETHEND-JETSTART" Size of JET header section

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JETESTRT	Start of JET entry section
0	(0)	SIGNED	2	JETEOFST	Entry offset (also first halfword of JDS Note value)
2	(2)	SIGNED	2	JETLRECL	Maximum LRECL in data set
4	(4)	SIGNED	4	JETEVLID	VALID value if data set TAT is used
8	(8)	SIGNED	4	JETRSV00	Reserved for IBM
12	(C)	CHARACTER	8	JETEDSNA	Data set name from JDSDSNAM
20	(14)	CHARACTER	8	JETEJBNM	Job name from JDSJOBNM - may be different if JSAB used
28	(1C)	CHARACTER	8	JETEPRCN	Procedure name from JDSPROCN
36	(24)	CHARACTER	8	JETESTPN	Step name from JDSSTEPN
44	(2C)	CHARACTER	8	JETEDDNM	DD name from JDSDDNAM
52	(34)	CHARACTER	8	JETUSER	Userid from JDSUSRID
60	(3C)	CHARACTER	8	JETEDSNO	DS number from JDSDSNUM
68	(44)	BITSTRING	80	JETESECT	Security token from JDSTOKEN
148	(94)	SIGNED	4	JETELINE	Line count from JDSLINES 05250STA 05250STA
152	(98)	SIGNED	4	JETEPAGE	Page count from JDSPAGES 05250STA 05250STA
156	(9C)	SIGNED	4	JETERECD	Record count from JDSRECD 05250STA 05250STA
160	(A0)	BITSTRING	32	JETEFDB	MRF FDB from JDSFDB
192	(C0)	BITSTRING	28	JETETAFD	TAT FDB from JDSTATFD
220	(DC)	SIGNED	4	JETEBYTE	Byte count from JDSBYTES 05250STA
224	(E0)	BITSTRING	1	JETERECF	Record format from JDSRECFM

IATYJET Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
225	(E1)	BITSTRING	1	JETEFLG1	Flag byte 1
		1...		JETECLSP	"X'80" Closed spinoff data set
		.1..		JETEINTR	"X'40" Internal data set
		..1.		JETESYIN	"X'20" SYSIN data set
		...1		JETEJESL	"X'10" JESLOG data set
		.... 1...		JETESPIN	"X'08" Spinoff data set
		.... .1..		JETETRAN	"X'04" Transaction output 09611S2A
		.... .1.		JETEJSBJ	"X'02" Jobname came from a JSAB 10411S2A
		.... ...1		JETESTKV	"X'01" SYSLOG time stamps present 14499T6C
226	(E2)	BITSTRING	1	JETECTYP	Copy of JDSCTYPE
227	(E3)	CHARACTER	1	JETECLAS	SYSOUT class from JDSCLASS
228	(E4)	SIGNED	4	JETEDTAL	DOT ALET for transactions 09611S2A
232	(E8)	ADDRESS	4	JETEDTAD	DOT addr for transactions 09611S2A
232	(E8)	X'E4'	0	JETEDOTI	"JETEDTAL,*-JETEDTAL,C'F" DOT information 09611S2A
236	(EC)	SIGNED	4	JETEAVTS	Dataset available timestamp 11390S5A
240	(F0)	BITSTRING	1	JETEFLG2	Flag byte 2
		1...		JETERTND	"X'80" Data set info returned
		.1..		JETEF240	"X'40" Reserved for IBM
		..1.		JETEF220	"X'20" Reserved for IBM
		...1		JETEF210	"X'10" Reserved for IBM
		.... 1...		JETEF208	"X'08" Reserved for IBM
		.... .1..		JETEF204	"X'04" Reserved for IBM
		.... .1.		JETEF202	"X'02" Reserved for IBM
		.... ...1		JETEF201	"X'01" Reserved for IBM
241	(F1)	BITSTRING	3	JETERSV2	Reserved for IBM
244	(F4)	SIGNED	4	JETERSV3 (3)	Reserved for IBM
244	(F4)	X'100'	0	JETEEND	*** End of JET data set section
244	(F4)	X'100'	0	JETESIZE	"JETEEND-JETESTRT" Size of JET data set section

IATYJET Cross Reference

Name

JETCVER
 JETEAVTS
 JETEBYTE
 JETECLAS
 JETECLSP
 JETECTYP
 JETEDDNM
 JETEDOTI
 JETEDSNA
 JETEDSNO
 JETEDTAD
 JETEDTAL
 JETEEND
 JETEFDB
 JETEFLG1
 JETEFLG2
 JETEF201
 JETEF202
 JETEF204
 JETEF208
 JETEF210
 JETEF220
 JETEF240
 JETEINTR
 JETEJBNM

Name

JETEJESL
JETEJSBJ
JETELINE
JETEOFST
JETEPAGE

JETEPRCN
JETERECD
JETERECF
JETERSV2
JETERSV3

JETERTND
JETESECT
JETESIZE
JETESPIN
JETESTKV

JETESTPN
JETESTRT
JETESYIN
JETETAFD
JETETRAN

JETEUSER
JETEVLID
JETHEND
JETHSIZE
JETIVER

JETLRECL
JETNAME
JETRSVD
JETRSV00
JETSTART

JETVER
JET0JDS

IATYJLSI Information

IATYJLSI Heading Information

Common Name: JESLOG (JESMSGLG/JESYSMSG) Spinoff SRB/IRB Parameter List
Macro ID: IATYJLSI
DSECT Name: JSISTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Auxiliary Storage: N/A
 Subpool: 231 *0079
Size: JSISIZE for the command function *0079
 JSICSIZE for the connect function *0079
Created by: IATGRWM for the command function *0079
 IATMSR1 for the connect function *0079
Pointed to by: IATGRWM mainline register *0079
 MEMEJLSI for the connect function *0079
Serialization: NONE
Function: This data area maps the parameter list
 used in the scheduling of the SRB and
 IRB routines in response to a 'F J=xx
 SPIN' command or during connect processing *0079
 to a down-level global. *0079

IATYJLSI Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JSISTART	
0	(0)	CHARACTER	8	JSIID	Work area identifier

Comment

 The following fields are set by the module
 issuing the IEAMSCHD macro to create the SRB
 that is to process the JESlog spinoff request.

End of Comment

8	(8)	ADDRESS	4	JSIMEM	MEM address
12	(C)	SIGNED	4	JSIASID	ASID of user
16	(10)	CHARACTER	8	JSIJNAM	Job name of job for spinoff
24	(18)	BITSTRING	8	JSIJNUM	Job number (EBCDIC)
32	(20)	BITSTRING	8	JSIATKN	STOKEN
40	(28)	BITSTRING	16	JSITTKN	Task (TCB) token
56	(38)	ADDRESS	4	JSISRBA	SRB routine address
60	(3C)	ADDRESS	4	JSIRMTRA	RMTR address for SRB 0079
64	(40)	ADDRESS	4	JSIGRSP	IATYGRSP address 15606T6A
72	(48)	DBL WORD	8	JSIGENW	General work area
80	(50)	SIGNED	4	JSIRSVD1 (4)	Reserved for IBM

Comment

 The following fields are set by the SRB routine
 processing the JESlog spinoff request.

End of Comment

96	(60)	ADDRESS	4	JSITCB	TCB address
100	(64)	ADDRESS	4	JSIJTCB	Job Step TCB address
104	(68)	ADDRESS	4	JSIIRBA	IRB routine address
108	(6C)	SIGNED	4	JSIRSVD2 (4)	Reserved for IBM

IATYJLSI Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Comment					

The following fields are used by all users of this parameter list.					

End of Comment					
124	(7C)	BITSTRING	1	JSISTFL	Status flags
		1... ..		JSIST80	"X'80" Reserved
		.1.		JSIRECS	"X'40" Recursive abend
		..1.		JSIST20	"X'20" Reserved
		...1		JSIST10	"X'10" Reserved
		.... 1..		JSIST08	"X'08" Reserved
		.... .1..		JSIST04	"X'04" Reserved
		.... ..1.		JSIST02	"X'02" Reserved
		.... ...1		JSIST01	"X'01" Reserved
125	(7D)	BITSTRING	3	JSIRSV2	Reserved for IBM 0079
----- Comment					

Start of list area. 0					

SCHEDIRB MF=(L,JSISIRB) 0					
MACDATE -12/16/94-<0>					

End of Comment					
128	(80)	SIGNED	2	M00M0002 (0)	SCHEDIRB-0
128	(80)	DBL WORD	8	JSISIRB (0)	++ SCHEDIRB PARM LIST
128	(80)	BITSTRING	1	JSISIRB_XVERSION	++ INPUT XVERSION
129	(81)	BITSTRING	1	JSISIRB_XFLAGS	++ FIELD_LABEL
		1... ..		JSISIRB_XMODE_PROB	"B'10000000" ++ XMODE.PROB KEYWORD
		.1.		JSISIRB_XKEY_PROP	"B'01000000" ++ XKEY.PROB KEYWORD
		..1.		JSISIRB_XSVAREA_YES	"B'00100000" ++ XSVAREA.YES KEYWORD
130	(82)	CHARACTER	2	JSISIRB_XRSV0002	++ RESERVED XRSV0002
132	(84)	ADDRESS	4	JSISIRB_XEPPTR	++ XEPPTR
136	(88)	ADDRESS	4	JSISIRB_XTCBPTR	++ XTCBPTR
140	(8C)	ADDRESS	4	JSISIRB_XRBPTR	++ XRBPTR
144	(90)	ADDRESS	4	JSISIRB_XPARAMPTR	++ XPARAMPTR
148	(94)	ADDRESS	4	JSISIRB_XIQEPTR	++ XIQEPTR
148	(94)	X'18'	0	JSISIRBL	**"JSISIRB" ++ LENGTH OF PLIST
----- Comment					

SCHEDIRB-0					
0					
IEAMSCHD MF=(L,JSISMSC) 0					
MACDATE -12/18/12-<4>					

End of Comment					
0	(0)	X'98'	0	M00M0005	"JSISMSC" ++ IEAMSCHD NAME

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
152	(98)	DBL WORD	8	JSISMSC (0)	++ IEAMSCHD PARM LIST
152	(98)	BITSTRING	1	JSISMSC_XVERSION	++ INPUT XVERSION
153	(99)	BITSTRING	1	JSISMSC_XFLAG1	++ FIELD_LABEL
		.... 1...		JSISMSC_XENV_STOKEN	"B'00001000" ++ XENV.STOKEN KEYWORD
		.... .1..		JSISMSC_XENV_FULLXM	"B'00000100" ++ XENV.FULLXM KEYWORD
		.... ..1.		JSISMSC_XENV_PRIMARY	"B'00000010" ++ XENV.PRIMARY KEYWORD
		.... ...1		JSISMSC_XENV_HOME	"B'00000001" ++ XENV.HOME KEYWORD
154	(9A)	BITSTRING	1	JSISMSC_XFLAG2	++ FIELD_LABEL
		.1..		JSISMSC_KEYUSED_SRBIDTOKEN	"B'01000000" ++ KEYUSED.SRBIDTOKEN KEYWORD
		..1.		JSISMSC_KEYUSED_DUALPOOLTOKEN	"B'00100000" ++ KEYUSED.DUALPOOLTOKEN KEYWORD
		...1		JSISMSC_XSYNCH_YES	"B'00010000" ++ XSYNCH.YES KEYWORD
		.... 1...		JSISMSC_KEYUSED_KEYVALUE	"B'00001000" ++ KEYUSED.KEYVALUE KEYWORD
		.... .1..		JSISMSC_XLLOCK_YES	"B'00000100" ++ XLLOCK.YES KEYWORD
		.... ..1.		JSISMSC_XFEATURE_CPMASK	"B'00000010" ++ XFEATURE.CPMASK KEYWORD
		.... ...1		JSISMSC_XFEATURE_CRYPTO	"B'00000001" ++ XFEATURE.CRYPTO KEYWORD
155	(9B)	BITSTRING	1	JSISMSC_XFLAG3	++ FIELD_LABEL
		..1.		JSISMSC_XPRIORITY_CLIENT	"B'00100000" ++ XPRIORITY.CLIENT KEYWORD
		...1		JSISMSC_XPRIORITY_ENCLAVE	"B'00010000" ++ XPRIORITY.ENCLAVE KEYWORD
		.... 1...		JSISMSC_XPRIORITY_PREEMPT	"B'00001000" ++ XPRIORITY.PREEMPT KEYWORD
		.... .1..		JSISMSC_XPRIORITY_CURRENT	"B'00000100" ++ XPRIORITY.CURRENT KEYWORD
		.... ..1.		JSISMSC_XPRIORITY_GLOBAL	"B'00000010" ++ XPRIORITY.GLOBAL KEYWORD
		.... ...1		JSISMSC_XPRIORITY_LOCAL	"B'00000001" ++ XPRIORITY.LOCAL KEYWORD
156	(9C)	ADDRESS	4	JSISMSC_XEPADDR	++
160	(A0)	BITSTRING	8	JSISMSC_XTARGETSTOKEN	++
168	(A8)	CHARACTER	8	JSISMSC_XENCLAVETOKEN	++
176	(B0)	BITSTRING	1	JSISMSC_XMINORPRIORITY	++
177	(B1)	BITSTRING	1	JSISMSC_XKEYVALUE	++
178	(B2)	BITSTRING	2	JSISMSC_XCPUMASK	++
180	(B4)	SIGNED	4	JSISMSC_XPARAM	++
184	(B8)	ADDRESS	4	JSISMSC_XFRRADDR	++
188	(BC)	ADDRESS	4	JSISMSC_XRMTRADDR	++
192	(C0)	BITSTRING	8	JSISMSC_XPURGESTOKEN	++
200	(C8)	ADDRESS	4	JSISMSC_XPTCBADDR	++

IATYJLSI Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
					++
204	(CC)	BITSTRING	8	JSISMSC_XCLIENTSTOKEN	++
204	(CC)	X'D4'	0	JSISMSC_PL_END	*** ++ END OF BASE PLIST
184	(B8)	CHARACTER	3	JSISMSC_XRSV0001	++ RESERVED
187	(BB)	BITSTRING	1	JSISMSC_XFRRFLAG	++ FIELD_LABEL
		.... ...1		JSISMSC_XSDWALOC31_YES	"B'00000001" ++ XSDWALOC31.YES KEYWORD
212	(D4)	X'3C'	0	JSISMSC_SCL	**_JSISMSC" ++ LENGTH OF PLIST

Comment

IEAMSCHD-4

SITCBT TCBTOKEN MF=L
MACDATE = 04/03/89

End of Comment

212	(D4)	SIGNED	4	JSITCBT (0)	
212	(D4)	CHARACTER	16	(0)	TCB TOKEN (INPUT/OUTPUT)
212	(D4)	BITSTRING	8		
220	(DC)	SIGNED	4		
224	(E0)	ADDRESS	4		
228	(E4)	ADDRESS	4		ASCB ADDRESS (INPUT)
232	(E8)	SIGNED	4	(0)	FLAGS (INPUT)
232	(E8)	SIGNED	1		TYPE OF TCBTOKEN REQUEST
233	(E9)	SIGNED	3		RESERVED 0079

Comment

0
End of Connect Section 0
0

End of Comment

233	(E9)	X'EC'	0	JSICEND	*** Connect section end 0079
233	(E9)	X'EC'	0	JSICSIZE	"JSICEND-JSISTART" Connect JSI size 0079

Comment

SIWCNDB IATYCNDB DSECT=NO Calling console dest block

IATYCNDB_1;

START OF SPECIFICATIONS

01 PROPRIETARY STATEMENT=

PROPRIETARY_STATEMENT

LICENSED MATERIALS - PROPERTY OF IBM

5647-A01 COPYRIGHT IBM CORP. 1989, 2010

STATUS= HJS7770

END_OF_PROPRIETARY_STATEMENT

This data area is maintained as a CASE mapping macro.

Changes should be made to the CASE source and then

the PLX and Assembler should be regenerated.

Do NOT make changes to the PLX or Assembler directly!

01 Descriptive Name: Console Destination Block

Acronym: CNDB

01 Macro Name: IATYCNDB

01 DSECT Name: IATYCNDB

--based variable for storage mapping

Offsets

Dec	Hex	Type/Value	Len	Name (Dim)	Description
01		Component: JES3 (SC1BA)			
01		Function:			
02		The console destination block is a control block that contains information related to the destination that messages should be sent to. This control block is built as commands are entered into to the system and is used by command processors as a destination for where to return messages to. The control block is imbeded in other control blocks and the size of the data area must not change (otherwise a JES3 cold start is required). The data is referenced by non-source maintained modules, so offsets into the data area must not change.			
01		Eye-Catcher: CNDBEYE			
02		Offset: 4			
02		Length: 4			
01		Language: PL/X			
01		Storage Attributes:			
02		Allocation Method: Imbeded within other control blocks			
02		Main Storage: 94			
02		Virtual Storage: 94			
02		Auxiliary Storage: 94			
02		Subpool: n/a			
02		Key: 1			
02		Data Space: N/A			
02		Residency: any			
02		Frequency: n/a			
02		Size: 94			
02		Created by: n/a			
02		Deleted by: n/a			
02		Pointed to by: Imbeded within other control blocks			
02		Serialization: none			
01		EXTERNAL CLASSIFICATION: DMTI			
01		END OF EXTERNAL CLASSIFICATION:			
01		Method Of access:			
02		ASM: IATYCND B			
02		PLX: %INCLUDE SYSLIB(IATYCND B)			
01		CHANGE ACTIVITY:			
		\$QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support			
		\$RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init			
		\$T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0			
		CASE/390 - VERSION 49			
		END OF SPECIFICATIONS			
		%			

End of Comment

236	(EC)	SIGNED	4	JSICNDB (0)	IATYCND B.27: based variable for storage mapping
236	(EC)	SIGNED	4		Four byte console id 0176
240	(F0)	CHARACTER	4		IATYCND B eyecatcher
244	(F4)	ADDRESS	4		IATYCND B version
248	(F8)	BITSTRING	8		Reserved for development
256	(100)	BITSTRING	8		Console Name 0176
264	(108)	BITSTRING	24		Reserved for development
288	(120)	SIGNED	2		Reserved for development
290	(122)	BITSTRING	40		Reserved for development
332	(14C)	SIGNED	4	(0)	
332	(14C)	BITSTRING	4	JSICNID	Console ID parm/work area
336	(150)	BITSTRING	1	JSICART	CART MACDATE -94/10/04-<3>
0	(0)	X'158'	0	M00M0008	"JSIXCNB" ++ IATXCND B NAME
344	(158)	DBL WORD	8	JSIXCNB (0)	++ IATXCND B PARM LIST
344	(158)	BITSTRING	1	JSIXCNB_XVERSION	++ INPUT XVERSION
345	(159)	CHARACTER	6	JSIXCNB_XEYECATCH	++ CONSTANT
351	(15F)	BITSTRING	2	JSIXCNB_XFLAG1	++ FIELD_LABEL

IATYJLSI Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
351	(15F)	BITSTRING	0	JSIXCNB_XOPERATION_INITIALIZE	"B'1000000000000000" ++ XOPERATION.INITIALIZE KEYWORD
351	(15F)	BITSTRING	0	JSIXCNB_XOPERATION_TRANSFER	"B'0100000000000000" ++ XOPERATION.TRANSFER KEYWORD
351	(15F)	BITSTRING	0	JSIXCNB_XOPERATION_UPDATE	"B'0010000000000000" ++ XOPERATION.UPDATE KEYWORD
351	(15F)	BITSTRING	0	JSIXCNB_XOPERATION_RESET	"B'0001000000000000" ++ XOPERATION.RESET KEYWORD
351	(15F)	BITSTRING	0	JSIXCNB_XOPERATION_VERIFY	"B'0000100000000000" ++ XOPERATION.VERIFY KEYWORD
351	(15F)	BITSTRING	0	JSIXCNB_XOPERATION_TRANSCONSID	"B'0000010000000000" ++ XOPERATION.TRANSCONSID KEYWORD
351	(15F)	BITSTRING	0	JSIXCNB_XOPERATION_TRANSROUT	"B'0000001000000000" ++ XOPERATION.TRANSROUT KEYWORD
351	(15F)	BITSTRING	0	JSIXCNB_XOPERATION_EXTRACTCONSID	"B'0000000100000000" ++ XOPERATION.EXTRACTCONSID KEYWORD
		1... ..		JSIXCNB_XOPERATION_EXTRACTCONSNAME	"B'0000000010000000" ++ XOPERATION.EXTRACTCONSNAME KEYWORD
		.1.. ..		JSIXCNB_XOPERATION_EXTRACTCONSTYPE	"B'0000000001000000" ++ XOPERATION.EXTRACTCONSTYPE KEYWORD
		..1.		JSIXCNB_XOPERATION_EXTRACTROUT	"B'0000000000100000" ++ XOPERATION.EXTRACTROUT KEYWORD
		...1		JSIXCNB_XOPERATION_EXTRACTCART	"B'0000000000010000" ++ XOPERATION.EXTRACTCART KEYWORD
353	(161)	BITSTRING	1	JSIXCNB_XABEND	++ INPUT
		1... ..		JSIXCNB_XABEND_YES	"B'10000000" ++ XABEND.YES KEYWORD
		.1.. ..		JSIXCNB_XABEND_NO	"B'01000000" ++ XABEND.NO KEYWORD
354	(162)	BITSTRING	1	JSIXCNB_XUSERADDR	++ FIELD_LABEL
355	(163)	CHARACTER	1	JSIXCNB_XRSV001	++ RESERVED
356	(164)	ADDRESS	4	JSIXCNB_XCNDB	++
360	(168)	ADDRESS	4	JSIXCNB_XOUTCNDB	++
364	(16C)	ADDRESS	4	JSIXCNB_XINCNDDB	++
368	(170)	ADDRESS	4	JSIXCNB_XCONSNM	++
372	(174)	ADDRESS	4	JSIXCNB_XCONSID	++
376	(178)	ADDRESS	4	JSIXCNB_XOUTCONSID	++
380	(17C)	CHARACTER	2	JSIXCNB_XRSV002	++ RESERVED
382	(17E)	BITSTRING	1	JSIXCNB_XFLAG2	++ FIELD_LABEL
		1... ..		JSIXCNB_XCMDIND_YES	"B'10000000" ++ XCMDIND.YES KEYWORD
		.1.. ..		JSIXCNB_XCMDIND_NO	

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
383	(17F)	BITSTRING	1	JSIXCNB_XKEYS	"B'01000000" ++ XCMDIND.NO KEYWORD
		1... ..		JSIXCNB_KEYUSED_CMDIND	++ FIELD_LABEL
384	(180)	ADDRESS	4	JSIXCNB_XROUT	"B'10000000" ++ KEYUSED.CMDIND KEYWORD
388	(184)	ADDRESS	4	JSIXCNB_XCART	++
392	(188)	ADDRESS	4	JSIXCNB_XOUTCONSNAME	++
396	(18C)	ADDRESS	4	JSIXCNB_XOUTCONSTYPE	++
400	(190)	ADDRESS	4	JSIXCNB_XOUTROUT	++
404	(194)	ADDRESS	4	JSIXCNB_XOUTCART	++
404	(194)	X'40'	0	JSIXCNBL	**JSIXCNB" ++ LENGTH OF PLIST

Comment

IATXCNDB-3
 THIS LINE DELETED BY APAR OA08996
 15606T6D

End of Comment

408	(198)	ADDRESS	4	JSIFRRPA	FRR parameter address 15606T6C
412	(19C)	SIGNED	4	JSIWTO (0)	
412	(19C)	ADDRESS	2		TEXT LENGTH
414	(19E)	BITSTRING	2		MCSFLAGS
416	(1A0)	ADDRESS	4		MESSAGE TEXT ADDRESS
420	(1A4)	ADDRESS	1		VERSION LEVEL
421	(1A5)	BITSTRING	1		MISCELLANEOUS FLAGS
422	(1A6)	ADDRESS	1		REPLY LENGTH
423	(1A7)	ADDRESS	1		LENGTH OF WPX
424	(1A8)	BITSTRING	2		EXTENDED MCS FLAGS
426	(1AA)	ADDRESS	2		RESERVED
428	(1AC)	ADDRESS	4		REPLY BUFFER ADDRESS
432	(1B0)	ADDRESS	4		REPLY ECB ADDRESS
436	(1B4)	ADDRESS	4		CONNECT ID
440	(1B8)	BITSTRING	2		DESCRIPTOR CODES
442	(1BA)	ADDRESS	2		RESERVED
444	(1BC)	BITSTRING	16		
460	(1CC)	BITSTRING	2		MESSAGE TYPE
462	(1CE)	ADDRESS	2		MESSAGE'S PRIORITY
464	(1D0)	CHARACTER	8		JOB ID
472	(1D8)	CHARACTER	8		JOB NAME
480	(1E0)	CHARACTER	8		RETRIEVAL KEY
488	(1E8)	ADDRESS	4		TOKEN FOR DOM
492	(1EC)	ADDRESS	4		CONSOLE ID
496	(1F0)	CHARACTER	8		SYSTEM NAME
504	(1F8)	CHARACTER	8		CONSOLE NAME
512	(200)	ADDRESS	4		REPLY CONSOLE NAME/ID ADDR
516	(204)	ADDRESS	4		CART ADDRESS
520	(208)	ADDRESS	4		WSPARM ADDRESS
520	(208)	X'70'	0	JSIWTOZ	**JSIWTO" WTO parameter list size
524	(20C)	ADDRESS	2	JSIMSG	IAT8147/IAT8148 msg area
526	(20E)	CHARACTER	45		
571	(23B)	CHARACTER	8		Job name
579	(243)	CHARACTER	2		
581	(245)	CHARACTER	8		Job id
589	(24D)	CHARACTER	2		
591	(24F)	CHARACTER	15		

IATYJLSI Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

Reason code equates for message IAT8148					

End of Comment					
		.... .1..		JSIR4804	"X'04" 'NOT IN EXECUTION (NO RSQ)'
		.... 1...		JSIR4808	"X'08" 'NOT IN EXECUTION (NO MPC)'
		.... 11..		JSIR480C	"X'0C" 'NOT SPIN ELIGIBLE'
		...1		JSIR4810	"X'10" 'NOT IN EXECUTION'
		...1 .1..		JSIR4814	"X'14" 'NOT IN EXECUTION (NO MEM)'
		...1 1...		JSIR4818	"X'18" 'NO JLSI STORAGE'
		...1 11..		JSIR481C	"X'1C" 'SRB FAILURE'
		..1.		JSIR4820	"X'20" 'IRB FAILURE'
		..1. .1..		JSIR4824	"X'24" 'IEAMSCHD was unsuccessful'
608	(260)	SIGNED	4	JSIRSVD3 (4)	Reserved for IBM
Comment					
			0		
		End of command section. 0	0		
			0		
End of Comment					
608	(260)	X'270'	0	JSIEND	*** End of JSI
608	(260)	X'270'	0	JSISIZE	"JSIEND-JSISTART" Size of JSI
Comment					
IATYJLSI PREVIOUSLY GENERATED					
End of Comment					

IATYJLSI Cross Reference

Name

JSIASID
 JSIATKN
 JSICART
 JSICEND
 JSICNDB
 JSICNID
 JSICSIZE
 JSIEND
 JSIFRRPA
 JSIGENW
 JSIGRSP
 JSIID
 JSIIRBA
 JSIJNAM
 JSIJNUM
 JSIJTCB
 JSIMEM
 JSIMSG
 JSIRECS
 JSIRMTRA

Name

JSIRSVD1
JSIRSVD2
JSIRSVD3
JSIRSV2
JSIR480C

JSIR4804
JSIR4808
JSIR481C
JSIR4810
JSIR4814

JSIR4818
JSIR4820
JSIR4824
JSISIRB
JSISIRB_XEPPTR

JSISIRB_XFLAGS

JSISIRB_XIQEPTR

JSISIRB_XKEY_PROP

JSISIRB_XMODE_PROB

JSISIRB_XPARAMPTR

JSISIRB_XRBPTR

JSISIRB_XRSV0002

JSISIRB_XSVAREA_YES

JSISIRB_XTCBPTR

JSISIRB_XVERSION

JSISIRBL
JSISIZE
JSISMSC
JSISMSC_KEYUSED_DUALPOOLTOKEN

JSISMSC_KEYUSED_KEYVALUE

JSISMSC_KEYUSED_SRBIDTOKEN

JSISMSC_PL_END

JSISMSC_XCLIENTSTOKEN

JSISMSC_XCPUMASK

JSISMSC_XENCLAVETOKEN

JSISMSC_XENV_FULLXM

JSISMSC_XENV_HOME

JSISMSC_XENV_PRIMARY

JSISMSC_XENV_STOKEN

IATYJLSI Cross Reference

Name

JSISMSC_XEPADDR

JSISMSC_XFEATURE_CPMASK

JSISMSC_XFEATURE_CRYPTO

JSISMSC_XFLAG1

JSISMSC_XFLAG2

JSISMSC_XFLAG3

JSISMSC_XFRRADDR

JSISMSC_XFRRFLAG

JSISMSC_XKEYVALUE

JSISMSC_XLLOCK_YES

JSISMSC_XMINORPRIORITY

JSISMSC_XPARAM

JSISMSC_XPRIORITY_CLIENT

JSISMSC_XPRIORITY_CURRENT

JSISMSC_XPRIORITY_ENCLAVE

JSISMSC_XPRIORITY_GLOBAL

JSISMSC_XPRIORITY_LOCAL

JSISMSC_XPRIORITY_PREEMPT

JSISMSC_XPTCBADDR

JSISMSC_XPURGESTOKEN

JSISMSC_XRMTRADDR

JSISMSC_XRSV0001

JSISMSC_XSDWALOC31_YES

JSISMSC_XSYNCH_YES

JSISMSC_XTARGETSTOKEN

JSISMSC_XVERSION

JSISMCL

JSISRBA

JSISTART

JSISTFL

JSIST01

JSIST02

JSIST04

Name

JSIST08
JSIST10
JSIST20
JSIST80
JSITCB

JSITCBT
JSITTKN
JSIWTO
JSIWTOZ
JSIXCNB
JSIXCNB_KEYUSED_CMDIND

JSIXCNB_XABEND

JSIXCNB_XABEND_NO

JSIXCNB_XABEND_YES

JSIXCNB_XCART

JSIXCNB_XCMDIND_NO
JSIXCNB_XCMDIND_YES

JSIXCNB_XCNDB

JSIXCNB_XCONSID
JSIXCNB_XCONSNM

JSIXCNB_XEYECATCH

JSIXCNB_XFLAG1
JSIXCNB_XFLAG2

JSIXCNB_XINCNDDB
JSIXCNB_XKEYS

JSIXCNB_XOPERATION_EXTRACTCART
JSIXCNB_XOPERATION_EXTRACTCONSID
JSIXCNB_XOPERATION_EXTRACTCONSNAME
JSIXCNB_XOPERATION_EXTRACTCONSTYPE
JSIXCNB_XOPERATION_EXTRACTROUT

JSIXCNB_XOPERATION_INITIALIZE
JSIXCNB_XOPERATION_RESET
JSIXCNB_XOPERATION_TRANSCONSID

JSIXCNB_XOPERATION_TRANSFER
JSIXCNB_XOPERATION_TRANSROUT

IATYJLSI Cross Reference

Name

JSIXCNB_XOPERATION_UPDATE

JSIXCNB_XOPERATION_VERIFY

JSIXCNB_XOUTCART

JSIXCNB_XOUTCNDB

JSIXCNB_XOUTCONSID

JSIXCNB_XOUTCONSNAME

JSIXCNB_XOUTCONSTYPE

JSIXCNB_XOUTROUT

JSIXCNB_XROUT

JSIXCNB_XRSV001

JSIXCNB_XRSV002

JSIXCNB_XUSERADDR

JSIXCNB_XVERSION

JSIXCNBL

M00M0002

M00M0005

M00M0008

IATYJLSP Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

Spool control block.					

End of Comment					
76	(4C)	BITSTRING	1	JSPNSFDB	New spool address for JESMSG LG/JESYSMSG
Comment					

Work area to build new JDS entry.					

End of Comment					
82	(52)	BITSTRING	328	JSPJDSWA	JDS work area below HJS7760
410	(19A)	BITSTRING	2	JSPRSVD4	Reserved for development
412	(19C)	SIGNED	2	(0)	Alignment
412	(19C)	BITSTRING	16	JSPCLK	MVS TIME service data area
412	(19C)	SIGNED	4	JSPTIME1	Word 1 of TIME
416	(1A0)	SIGNED	4	JSPTIME2	Word 2 of TIME
420	(1A4)	SIGNED	4	JSPDATE	Current date
424	(1A8)	SIGNED	4	JSPTIME4	Unused
428	(1AC)	BITSTRING	8	JSPSTCK	STCK work area
Comment					

,JSPTIMEL TIME LINKAGE=SYSTEM,MF=L MACDATE 02/15/04					
End of Comment					
436	(1B4)	SIGNED	4	JSPTIMEL (0)	
436	(1B4)	BITSTRING	28		
Comment					

,JSPCTODL CONVTO MF=L MACDATE 05/30/98					
End of Comment					
436	(1B4)	SIGNED	4	JSPCTODL (0)	
436	(1B4)	BITSTRING	32		
468	(1D4)	SIGNED	4	JSPREGSV (15)	Register save area
528	(210)	SIGNED	4	JSPRSVD5 (6)	Reserved for IBM
552	(228)	ADDRESS	1	JSPM8148	IAT8148 msg area
553	(229)	CHARACTER	45	JSP8148B	
598	(256)	CHARACTER	8	JSP8148N	Job name
606	(25E)	CHARACTER	2		
608	(260)	CHARACTER	8	JSP8148I	Job id
616	(268)	CHARACTER	2		
618	(26A)	CHARACTER	15		
618	(26A)	X'279'	0	JSP4148E	***
Comment					

End of data area.					

End of Comment					
618	(26A)	X'279'	0	JSPEND	*** End of JSP
618	(26A)	X'279'	0	JSPSIZE	"JSPEND-JSPSTART" Size of JSP

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
IATYJLSP PREVIOUSLY GENERATED					
End of Comment					

IATYJLSP Cross Reference

Name

JSPCMDRQ
 JSPCONA
 JSPCONB
 JSPCTODL
 JSPCVER

 JSPDATE
 JSPDSNUM
 JSPEND
 JSPFLAG1
 JSPFL101

 JSPFL102
 JSPID
 JSPIVER
 JSPJDSWA
 JSPJIBAD

 JSPJMREQ
 JSPLINRQ
 JSPMEMAD
 JSPM8148
 JSPNSFDB

 JSPREGSV
 JSPREQLN
 JSPRETER
 JSPRETNC
 JSPRETOK

 JSPRSVD1
 JSPRSVD2
 JSPRSVD3
 JSPRSVD4
 JSPRSVD5

 JSPSIZE
 JSPSMREQ
 JSPSTART
 JSPSTCK
 JSPTCLK

 JSPTIMEL
 JSPTIME1
 JSPTIME2
 JSPTIME4
 JSPTINRQ

 JSPTODRQ
 JSPVER
 JSP4148E
 JSP8148B
 JSP8148I
 JSP8148N

IATYJMQ Information

IATYJMQ Heading Information

Common Name: DUMMY CONTROL SECTION FOR THE JESMSG QUEUE CONTROL AREA AND JESMSG QUEUE ENTRIES
Macro ID: IATYJMQ
DSECT Name: IATYJMQ, JMQENTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JMQ
 Offset: 0
 Length: 3
Storage Attributes: Subpool: JESPOOL
 Key: JES Key
 Residency: Below 16M
Size: JMQASIZE - 210 Bytes
 JMQESIZE - 188 Bytes
 MAX Entry Number - 597 Bytes
Created by: IATINC2
Pointed to by: TVTJMQA field of the TVT data area
Serialization: NONE
Function: Maintains a queue of pending asynchronous JESMSG requests.
 Requests are placed on this queue by module IATGRJM for the following JESMSG conditions:
 (1) JESMSG TYPE=ASYNCH request
 (2) a non-JESMSG TYPE=ASYNCH request when JESMSGGLG processing is locked
 The entries on the queue are removed after the JESMSGGLG dataset has been updated with the JESMSG text.

IATYJMQ Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYJMQ	
0	(0)	CHARACTER	3	JMQAID	EYECATCHER TO VERIFY STORAGE
3	(3)	BITSTRING	1	JMQAFL1	CON/SDM SUPPORT STATUS FLAGS
		1... ..		JMQAFL1A	"X'80" JESMSG ASYNCH HAS FAILED
		.1.. ..		JMQAFL1B	"X'40" RJP SPOOLING HAS FAILED
		..1.		JMQAFL1C	"X'20" JMQCELL SHORTAGE
4	(4)	BITSTRING	1	JMQRSVD	RESERVED FOR DEVELOPMENT
5	(5)	BITSTRING	1	JMQRSVS	RESERVED FOR SERVICE
6	(6)	BITSTRING	1	JMQRSVU	RESERVED FOR USER
8	(8)	ADDRESS	4	JMQFIRST	FIRST JMQ ENTRY ADDRESS
12	(C)	ADDRESS	4	JMQMSCPB	Message cellpool c.b. address
16	(10)	ADDRESS	4	JMQRETRY	RETRY ADDRESS FOR JESTAE
20	(14)	ADDRESS	4	JMQRSVD1	RESERVED FOR DEVELOPMENT
24	(18)	ADDRESS	4	JMQRSVS1	RESERVED FOR SERVICE
28	(1C)	ADDRESS	4	JMQRSVU1	RESERVED FOR USER
32	(20)	DBL WORD	8	(0)	ROUND UP TO DWORD MULTIPLE
32	(20)	X'20'	0	JMQASIZE	"*-IATYJMQ" SIZE OF Q AREA IN BYTES

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JMQENTRY	
0	(0)	SIGNED	2	JMQELEN	JMQ entry length - this two byte length field is required for JSERV processing
2	(2)	SIGNED	2	JMQERSV1	Reserved for IBM
4	(4)	CHARACTER	4	JMQEID	JMQ entry eyecatcher
8	(8)	ADDRESS	4	JMQEJNXT	Next JMQ entry on job chain
12	(C)	ADDRESS	4	JMQEJPRV	Previous JMQ entry on job chain
16	(10)	ADDRESS	4	JMQEMNXT	Next JMQ entry for this job
20	(14)	ADDRESS	4	JMQEMPRV	Previous JMQ entry for this job

IATYJMQ Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
24	(18)	CHARACTER	8	JMQEMNAM	Main the job is running on
32	(20)	BITSTRING	16	JMQEUSID (0)	Job/user identifier
32	(20)	CHARACTER	8	JMQEJNAM	Jobname of message issuer
40	(28)	CHARACTER	8	JMQEJID	Job id of message issuer 0104
Comment					
----- 0					
JMQEFLG1 0					
----- 0					
End of Comment					
48	(30)	BITSTRING	1	JMQEFLG1	JMQ entry flag
		1...		JMQEGLSW	"X'80" JESMSG was written on global 0104 job's JMQ chain
		.1..		JMQEGLBU	"X'40" JESMSG is to be updated in global
		..1.		JMQEGLMW	"X'20" JESMSG was written on global 0104 via TYPE=MULT 0104
		...1		JMQEUNLK	"X'10" JESMSG was unlocked on global
		.... 1...		JMQEREMV	"X'08" Remove JMQ entry from chain
		.... .1..		JMQEGTMN	"X'04" Storage was GETMAINED
		.... ..1.		JMQEF102	"X'02" Reserved for IBM
		.... ...1		JMQEF101	"X'01" Reserved for IBM 0104
Comment					
----- 0					
JMQEFLG2 0					
----- 0					
End of Comment					
49	(31)	BITSTRING	1	JMQEFLG2	JMQ entry flag2
		1...		JMQECHNA	"X'80" A JMQE has been added to the 0104 job's JMQ chain 0104
		.1..		JMQEFORC	"X'40" TYPE=FORCE was specified
		..1.		JMQEF220	"X'20" Reserved for IBM 0104
		...1		JMQEF210	"X'10" Reserved for IBM 0104
		.... 1...		JMQEF208	"X'08" Reserved for IBM 0104
		.... .1..		JMQEF204	"X'04" Reserved for IBM 0104
		.... ..1.		JMQEF202	"X'02" Reserved for IBM 0104
		.... ...1		JMQEF201	"X'01" Reserved for IBM 0104
50	(32)	SIGNED	2	JMQEASID	ASID of job
52	(34)	BITSTRING	10	JMQEMSTS	Timestamp
52	(34)	CHARACTER	10	JMQETIME	Timestamp definition
64	(40)	SIGNED	4	JMQEJOBN	Binary job number
68	(44)	ADDRESS	1	JMQEVER	Version number
68	(44)	X'1'	0	JMQEVR01	"1" Initial version
68	(44)	X'1'	0	JMQECVER	"JMQEVR01" Current version
69	(45)	BITSTRING	1	JMQETXLN	Text length for JESMSG 0096
70	(46)	BITSTRING	120	JMQETEXT	120 BYTE JESMSG TEXT BUFFER
70	(46)	X'46'	0	JMQETIMP	"JMQETEXT,16" TIME service parameter list
70	(46)	X'46'	0	JMQETMTM	"JMQETEXT,4" Time in packed decimal
70	(46)	X'4A'	0	JMQEUNPK	"JMQETEXT+4,7" Time in (zoned) HHMMSS
70	(46)	X'4E'	0	JMQETMDT	"JMQETEXT+8,4" Date component
192	(C0)	ADDRESS	4	JMQEDATE	Date message added
196	(C4)	SIGNED	4	JMQERSVD	Reserved for IBM (check the version number before using this field!)
200	(C8)	SIGNED	4	(0)	SIZE MUST BE A MULTIPLE OF 4
200	(C8)	X'C8'	0	JMQESIZE	"*-JMQENTRY" SIZE OF JMQ ENTRY IN BYTES
200	(C8)	X'0'	0	JMQESPID	"0" SUBPOOL ID FOR JMQE CELLS
200	(C8)	X'FF'	0	JMQEXLIM	"255" MAX EXTENTS FOR JMQE SUBPOOL

IATYJMQ Cross Reference**Name**

IATYJMQ
JMQAFL1
JMQAFL1A
JMQAFL1B
JMQAFL1C

JMQAID
JMQASIZE
JMQEASID
JMQECHNA
JMQUECVER

JMQEDATE
JMQEFLG1
JMQEFLG2
JMQEFORC
JMQEF101

JMQEF102
JMQEF201
JMQEF202
JMQEF204
JMQEF208

JMQEF210
JMQEF220
JMQEGLBU
JMQEGLMW
JMQEGLSW

JMQEGTMN
JMQEID
JMQEJID
JMQEJNAM
JMQEJNXT

JMQEJOB
JMQEJPRV
JMQELEN
JMQEMNAM
JMQEMNXT

JMQEMPRV
JMQEMSTS
JMQENTRY
JMQEREMV
JMQERSVD

JMQERSV1
JMQESIZE
JMQESPID
JMQETEXT
JMQETIME

JMQETIMP
JMQETMDT
JMQETMTM
JMQETXLN
JMQEUNLK

JMQEUNPK
JMQEUSID
JMQEVER
JMQEVR01
JMQEXLIM

IATYJMQ Cross Reference

Name

JMQFIRST
JMQMSCPB
JMQRETRY
JMQRSD
JMQRSD1
JMQRVS
JMQRVS1
JMQRVU
JMQRVU1

IATYJMR Information

IATYJMR Programming Interface information

Programming Interface information

IATYJMR

End of Programming Interface information

Heading Information • IATYJMR Map

IATYJMR Heading Information

Common Name: JOB MANAGEMENT RECORD
Macro ID: IATYJMR
DSECT Name: JMR
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: N/A
 Auxiliary Storage: JES3 SPOOL
Size: 120 Bytes
Created by: INPUT SERVICE
Pointed to by: The FDB is in JCTJMTRFD of the Jobs JCT
Serialization: NONE
Function: This record is used to store the job's SMF information. The data is available to SMF User Exits and certain JES3 User Exits.

IATYJMR Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JMR	
0	(0)	BITSTRING	6	JMRTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	JMRCNT	USER COUNT.
8	(8)	CHARACTER	4	JMRID	FILE ID.
12	(C)	BITSTRING	12	JMRCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	JMRVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	JMRDATA (0)	START OF USER DATA AREA.

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JMR	

Comment

```

%JMRPRO: ;
START OF SPECIFICATIONS
MACRO NAME = IEFJMR
ACRONYM = JMR
DESCRIPTIVE NAME = Job Management Record
01 PROPRIETARY STATEMENT=
PROPRIETARY_STATEMENT
LICENSED MATERIALS - PROPERTY OF IBM
5650-ZOS COPYRIGHT IBM CORP. 1979, 2013
STATUS= HBB7790
END_OF_PROPRIETARY_STATEMENT
FUNCTION = Contains job information accumulated by
          IBM-supplied data collection routines. It is
          also an information source for JES and the
          user exit routines.
01 EXTERNAL CLASSIFICATION: PI
01 END OF EXTERNAL CLASSIFICATION:
NOTES =
  
```

Dec	Hex	Type/Value	Len	Name (Dim)	Description
		<p>There is a JCL version of the JMR created by the Interpreter. There is also a execution or Life of Job version of the JMR created by SMF. The JMR created by SMF is the PSPI version.</p> <p>The SMF exits mention that the first 36 bytes of the JMR is the same as the Common Exit Parameter Area.</p> <p>The JMR is a part of JES2 and JES3 control tables. Increasing the length beyond 76 bytes will impact the JESes.</p> <p>Bilingual Mapping Macro (PL/S and BAL)</p> <p>DEPENDENCIES = None</p> <p>RESTRICTIONS =</p> <p>Method of Access =</p> <p>Invocation =</p> <p>BAL - SPECIFY: IEFJMR</p> <p>To cause JMR extension to be included in JMR itself, specify:</p> <p>IEFJMR JMRESEP=N</p> <p>PL/X -</p> <p>SPECIFY %INCLUDE SYSLIB(IEFJMR)</p> <p>TO GET:</p> <p>DECLARE 1 JMR BASED(JMRPTR),</p> <p>SPECIFY %JMRATTR= 'NONE'</p> <p>%INCLUDE SYSLIB(IEFJMR)</p> <p>TO GET:</p> <p>DECLARE 1 JMR ,</p> <p>SPECIFY %JMRATTR= 'your attributes'</p> <p>%INCLUDE SYSLIB(IEFJMR)</p> <p>TO GET:</p> <p>DECLARE 1 JMR your attributes,</p> <p>DSECT NAME = JMR</p> <p>COMPONENT = Interpreter - CI (SC1B9)</p> <p>EYE CATCHER = None</p> <p>OFFSET = n/a</p> <p>LENGTH = n/a</p> <p>CREATED BY = IEFSMFIE or IEFTB721</p> <p>01 Created by (IBM use only) = Interpreter (CI)</p> <p>POINTED TO BY =</p> <p>TCTJMR field of the TCT (IEFTCT) data area</p> <p>01 Pointed to by (IBM use only) =</p> <ul style="list-style-type: none"> - JCTJMR field of the JCT data area - NELJMR field of the NEL data area - CWAJMRPT field of the CWA work area (up to SP313) <p>DELETED BY = IEFTB721</p> <p>SERIALIZATION = None</p> <p>Storage Attributes =</p> <p>Subpool = 255, 236 or 237</p> <p>Key = 1</p> <p>Residency = Below</p> <p>Virtual Storage = Obtained via GETMAIN</p> <p>Size = 148 bytes (decimal)</p> <p>Frequency: 1 per job</p> <p>DISTRIBUTION LIBRARY = AMODGEN</p> <p>CHANGE ACTIVITY - G742P2J,ZA43255,ZA44646,ZA47425,H1, OY08660,L1</p> <p>\$H1= EXTJCL JBB2110 820702 PD43: SUPPORT FOR EXTENDED JCL</p>			

IATYJMR Map

Offsets

Dec	Hex	Type/Value	Len	Name (Dim)	Description
\$L1=	EMVS2	HBB4410	890213	PDN3: ENTERPRISE MVS/II	
\$P1=	PIG1422	HBB5510	930715	PDDZ: SHOWHDR Compliance	
\$P2=	PUX0151	HBB6605	970819	PDRR: FIN APAR OW26717	
\$L2=	8CHCLASS	HBB7790	110827	PDHV: 8 char jobclass	
\$P3=	ME22368	HBB7790	110827	PDHV: JES3 field name compat	
\$L3=	ME23655	HBB7790	111205	PDTA: De-CASE IEESB801	
END OF SPECIFICATIONS					
C - RESTORE JMR TO ORIGINAL SIZE BY REMOVING FOUR BYTES FROM THE END OF THE MACRO.					
C - CHANGE STORAGE DEFINITION BY REMOVING DUPLICATION FACTOR AND REPLACING WITH A MODIFIER. (FROM XC TO CLX WHERE X = A NUMERIC VALUE.)					
C - PLS VERSION MODIFIED FOR COMPATIBILITY WITH ASSEMBLER VERSION					
A - EQUATE FOR JDT-DEFINED JCL VERB CODE					
A - JMRABCOD BIT DEFINED IN JMRFLG BYTE FOR USE BY JES3 TO IDENTIFY THE CONTENTS OF JES3 JMR FIELD JMRCOND C					
A - EQUATE FOR THE REMAINING JCL VERB CODE DEFINITIONS					
A - EQUATE FOR THE REMAINING JCL VERB CODE DEFINITIONS					
C - Changed prolog to be SHOWHDR compliant					
C - Changed description of JMRUSEID and JMREDATE.					
A - Added fields to make ASM and PLX fields consistent					
- Added JMRE - Extension for new JMR info such as 8 char job class and Job Correlator					
A - Updated symbols to be compatible with JES3 JMR mapping					
A - Added PL/X JMRATTR macro logic.					

%GOTO JMRBSL;

End of Comment

28	(1C)	CHARACTER	8	JMRJOB	JOB NAME
36	(24)	SIGNED	4	JMRENTREY	ENTRY TIME IN 1/100'S SEC
40	(28)	SIGNED	4	JMREDATE	ENTRY DATE 0CYDDDDF
44	(2C)	CHARACTER	4	JMRCPUID	CPU - SID AND MDL FROM SMCA
48	(30)	CHARACTER	8	JMRUSEID	User-defined identification field (taken from common exit parameter area).
56	(38)	CHARACTER	1	JMRSTEP	STEP NUMBER
56	(38)	X'39'	0	JMRLGEND	***
56	(38)	X'1D'	0	JMRLOGSZ	"JMRLGEND-JMRJOB" SIZE OF JOB LOG
57	(39)	CHARACTER	1	JMRINDC	INDICATOR SWITCHES 20011

Comment

BIT MEANINGS SAME AS JMROPT FIELD 20011

End of Comment

58	(3A)	CHARACTER	1	JMRFLG	JOB STATUS INDICATOR Y02668
		1... ..		JMRSTRS	"X'80" STEP RESTART Y02668
		.1.. ..		JMRCHRS	"X'40" CHECKPOINT RESTART Y02668
		..1.		JMRCNRS	"X'20" CONTINUE RESTART Y02668
		...1		JMRABCOD	"X'10" ON=COMP CODE IN JES3 JMR JMRCOND C
		.... 1...		JMRWARM	FIELD OFF=CONDITION CODE IN JES3 JMRCOND C
				JMRCLASS	"X'08" WARMSTART JOB Y02668
59	(3B)	CHARACTER	1	JMRCLASS	JOB CLASS
60	(3C)	SIGNED	4	JMRUCOM	USER COMMUNICATION - INITIALIZED 0
64	(40)	SIGNED	4	JMRUTLP	POINTER TO USER TIME LIMIT EXIT ROUTINE PARAMETER AREA
64	(40)	X'44'	0	JMRSIZE	"*-JMR" SIZE OF JMR IN CORE, Used by JES
68	(44)	SIGNED	4	JMRDRSTP (2)	RDR STOP TIME AND DATE
76	(4C)	SIGNED	4	JMRJOBIN	JOB SYSIN CT
80	(50)	CHARACTER	2	JMRDRR	RDR DEVICE CLASS AND TYPE
82	(52)	CHARACTER	1	JMROPT	OPTION SWITCHES
		1... ..		JMRJOBWSW	"X'80" JOB FUNCTIONS REQUESTED

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.1..		JMRSTPSW	"X'40" STEP FUNCTIONS REQUESTED
		..1.		JMREXITS	"X'20" USER EXITS REQUESTED
		...1		JMRXONLY	"X'10" EXITS ONLY SPECIFIED
		.... ..1		JMRFINDD	"X'01" FOREGROUND INDICATED 20011
83	(53)	CHARACTER	1	JMRVERSN	JMR VERSION
83	(53)	X'0'	0	JMRVER0	"0" JMR: Version 0 DSECT is 76 bytes
83	(53)	X'1'	0	JMRVER1	"1" JMRE: For version 1, JMR extension DSECT extends the JMR DSECT by 72 bytes

Comment

Note: JMR and JMRE DSECT storage must be contiguous

End of Comment

84	(54)	SIGNED	4	(0)	
84	(54)	CHARACTER	5	JMRSYSOC	SYSOUT CLASSES

Comment

PARM LIST PASSED TO IEFUJV IN C/I

End of Comment

89	(59)	CHARACTER	1	JMRJCLCD	JCL CODE
		1...		JMRCIV	"X'80" CODE 128 - C/I DEFINED JCL VERB NOT DEFINED BELOW
		.1..		JMRJDTVB	"X'40" CODE 64 - JDT-DEFINED JCL VERB
		..1.		JMRINTRP	"X'20" CODE 32 - JCL HAS BEEN INTERPRETED
		...1		JMRCNVTD	"X'10" CODE 16 - JCL HAS BEEN CONVERTED
		.... 1..		JMRPROCV	"X'08" CODE 8 - PROC VERB
		.... .1.		JMRDDV	"X'04" CODE 4 - DD VERB
		.... ..1		JMREXECV	"X'02" CODE 2 - EXEC VERB
		.... ...1		JMRJOBV	"X'01" CODE 1 - JOB VERB

Comment

X'00' CODE 0 - NULL VERB

End of Comment

90	(5A)	CHARACTER	1	(2)	
92	(5C)	SIGNED	4	JMRJOBP	PTR TO JOB LOG
96	(60)	SIGNED	4	JMRJCLP	PTR TO JCL CARD
100	(64)	SIGNED	4	JMRJCLCP	PTR TO JCL CODE
100	(64)	X'5C'	0	JMRPTRS	"JMRJOBP"
100	(64)	X'4C'	0	JMRLENG	**-"JMRJOB" Size of base JMR
104	(68)	SIGNED	4	JMRENDV0 (0)	End of Version 0 JMR - See JMRVERSN

Offsets

Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JMRE	, JMR version 1 extension
0	(0)	X'0'	0	JMRPARAM1	*** Version 1 fields
0	(0)	CHARACTER	8	JMRCLAS8	8 character jobclass
8	(8)	CHARACTER	64	JMRJOBCORRELATOR	JES job correlator for inclusion in SMF records
72	(48)	SIGNED	4	JMRENDV1 (0)	End of Version 1 JMRE - See JMRVERSN
72	(48)	X'48'	0	JMRELEN1	**-"JMRE" Length of V1 JMR extension
72	(48)	SIGNED	4	JMREENDG (0)	End of JMR Extension
72	(48)	X'48'	0	JMRELENG	**-"JMRE" Length of JMR extension

Offsets

Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JMR	Resume JMR DSECT
104	(68)	CHARACTER	8	JMRSNAME	FAILED STEP NAME
112	(70)	CHARACTER	8	JMRSCLPC	FAILED PROC NAME

IATYJMR Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
120	(78)	BITSTRING	4	JMRCONDC	COND CODE
120	(78)	X'7C'	0	JMFMVSSZ	**"-JMR" SIZE OF MVS JMR

Comment

```

IFASMFR 26
%IFABGN1: ;
METHOD OF ACCESS
PL/S - USER DEFINES MACRO VARIABLE IFARXX WHERE XX=RECORD NUM
DECLARE SMFXXPTR PTR(31) OR RESPECIFY FOR BASE
INCLUDE MACRO FROM LIBRARY
EXAMPLE %IFAR08 = 'YES', NOTE. THE COMMA REP-
DCL SMF08PTR PTR(31), RESENTS A SEMI-COLON
%INCLUDE SYSLIB(IFASMFR), BUT ISN'T TO AVIOD
      A DIAGNOSTIC.
THIS MACRO PROCESSES RECORDS IN THE RANGE 00-06. IT
ACTS AS A ROUTER TO OTHER MACROS TO PROCESS OTHER
RECORDS AS FOLLOWS:
  MACRO RECORDS
  IFASMFR1 07-19
  IFASMFR2 20-27
  IFASMFR3 28-36
  IFASMFR4 37-46
  IFASMFR5 47-54
  IFASMFR6 55-69
  IFASMFR9 80-84
  IFASMFR8 85-103
  IFASMFRB 104-113
  IFASMFRD 114-123
  IFASMFRF 124-127
%GOTO IFABGN2;
THIS IS AN SMF MACRO WHICH CONTROLS THE BUILDING OF SMF RECORDS. THE
REQUIRED FORMAT IS
  IFASMFR &RECTYPE
NOTE: VALUES FOR &RECTYPE MUST BE ENCLOSED IN PARENS(UNLESS ONLY 1).
%IAZPRO26: ;
MODULE NAME = IAZSMF26
DESCRIPTIVE NAME = JES SMF PURGE RECORD
%GOTO IAZ26;
SWITCH TO DETERMINE WHETHER TO GENERATE EQUATES FOR WRITING REC
THIS RECORD IS WRITTEN WHEN A JOB IS READY TO BE PURGED FOR
BOTH FOREGROUND AND BACKGROUND JOBS IN THE SYSTEM.

```

End of Comment

124	(7C)	SIGNED	4	(0)	ALIGN TO FULL WORD BOUNDRY
124	(7C)	X'7C'	0	SMFRCD26	*** START OF RECORD
124	(7C)	X'7C'	0	SMF26PTR	*** HEADER SEGMENT (LGTH 46 WITHOUT RDW)
124	(7C)	BITSTRING	2	SMF26LEN	RECORD LENGTH
126	(7E)	BITSTRING	2	SMF26SEG	SEGMENT DESCRIPTOR
128	(80)	BITSTRING	1	SMF26FLG	HEADER FLAG BYTE
129	(81)	BITSTRING	1	SMF26RTY	RECORD TYPE 26
129	(81)	X'1A'	0	SMFJ26	"26" PURGE RECORD TYPE
130	(82)	BITSTRING	4	SMF26TME	TOD FROM TIME MACRO BINARY
134	(86)		4	SMF26DTE	DATE FROM TIME MACRO
138	(8A)	CHARACTER	4	SMF26SID	SYSTEM INDICATOR
142	(8E)	CHARACTER	8	SMF26JBN	JOB NAME
150	(96)	BITSTRING	4	SMF26RST	RDR START TIME, TIME JOB CARD 1ST READ
154	(9A)		4	SMF26RSD	READER START DATE
158	(9E)	CHARACTER	8	SMF26UIF	USER IDENTIFICATION FIELD
166	(A6)	BITSTRING	4	SMF26RSV	RESV
170	(AA)	BITSTRING	2	SMF26SBS	SUBSYSTEM GENERATING ID(JES2=2, JES3=5)
		.... ..1.		SMF26HSP	"X'0002" JES2 ID
		.... ..1.1		SMF26ASP	"X'0005" JES3 ID
172	(AC)	BITSTRING	2	SMF26IND	INDICATORS
172	(AC)	BITSTRING	0	SMF26DES	"X'8000" DESCRIPTIVE SECTION PRESENT

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
172	(AC)	BITSTRING	0	SMF26EVT	"X'4000" EVENT SECTION PRESENT
172	(AC)	BITSTRING	0	SMF26ATU	"X'2000" ACTUALS SECTION PRESENT
172	(AC)	BITSTRING	0	SMF26NTW	"X'1000" JES2 Network section present
172	(AC)	BITSTRING	0	SMF26J2R	"X'0800" JES2 ROUTING SECTION PRESENT
172	(AC)	BITSTRING	0	SMF26JXP	"X'0400" JES PRINTER SECTION PRESENT
172	(AC)	BITSTRING	0	SMF26R02	"X'0200" Reserved
172	(AC)	BITSTRING	0	SMF26ACP	"X'0100" Triplets Section present
Comment					
BEGINNING OF DESCRIPTIVE SECTION					
End of Comment					
174	(AE)	BITSTRING	2	SMF26LN1	LGTH OF THIS SECTION INCLUDING SELF
176	(B0)	BITSTRING	2	SMF26RV1	RESV
178	(B2)	BITSTRING	1	SMF26IN2	ADDITIONAL JOB INFORMATION(JES2 ONLY)
		1... ..		SMF26BCH	"X'80" BIT 0 - BACKGROUND BATCH
		.1.		SMF26FTS	"X'40" 1 - FOREGROUND TIME SHARING
		..1.		SMF26STK	"X'20" 2 - SYSTEM TASK
		...1		SMF26NOJ	"X'10" 3 - NO JOURNAL OPTION
		.... 1...		SMF26NOU	"X'08" 4 - NO OUTPUT OPTION
		.... .1..		SMF26SCN	"X'04" 5 - TYPRUN=SCAN
		.... ..1.		SMF26CPY	"X'02" 6 - TYPRUN=COPY
		.... ...1		SMF26JBF	"X'01" 7 - RESTART=Y
178	(B2)	BITSTRING	1	SMF26IN3	ADDITIONAL JOB INFORMATION(JES3 ONLY)
		1... ..		SMF26DJC	"X'80" BIT 0 - DEPENDENT JOB(/ NET JOB PROCESSED)
		.1..		SMF26DLJ	"X'40" 1 - JOB SPECIFIED DEADLINE SCHEDULING
		..1.		SMF26DLM	"X'20" 2 - DEADLINE JOB MET DEADLINE
		...1		SMF26PRJ	"X'10" 3 - / PROCESS STMT PROCESSED
		.... 1...		SMF26NJX	"X'08" 4 - JOB LEFT SYSTEM VIA NJP(NETWORK JOB PROCESSING)
		.... .1..		SMF26NJE	"X'04" 5 - JOB ENTERED SYSTEM VIA NJP
		.... ..1.		SMF26DJO	"X'02" 6 - JOB LEFT SYSTEM VIA DJ(DUMP JOB)
		.... ...1		SMF26DJE	"X'01" 7 - JOB ENTERED SYSTEM VIA DJ
179	(B3)	BITSTRING	1	SMF26INF	JOB INFORMATION
		1... ..		SMF26JCP	"X'80" 0 - JOB PRIORITY EXTERNALLY ASSIGNED (JES2-VIA PRIORITY STMT) (JES3-VIA PRTY PARM ON JOB STMT)
		.1..		SMF26STU	"X'40" 1 - SETUP JOB (JES2- SETUP STMT PROCESSED) (JES3-PROCESSED BY PREEEXEC SETUP)
		..1.		SMF26TRH	"X'20" 2 - JOB HELD VIA TYPERUN=HOLD
		...1		SMF26NLG	"X'10" 3 - JOB REQUESTED NO JES JOB LOG(JES2)
		.... 1...		SMF26XBC	"X'08" 4 - EXEC BATCHING JOB (JES2 ONLY)
		.... .1..		SMF26EIR	"X'04" 5 - JOB ENTERED VIA INTERNAL RDR
		.... ..1.		SMF26MRE	"X'02" 6 - JOB WAS RERUN BY JES
		.... ...1		SMF26OPC	"X'01" 7 - OPER CANCELLED JOB BY JES CMND
180	(B4)	CHARACTER	4	SMF26JNM	JES ASSIGNED JOB #
184	(B8)	CHARACTER	8	SMF26JID	8-character job identifier
192	(C0)	CHARACTER	20	SMF26NAM	PROGRAMMER'S NAME FROM JOB CARD
212	(D4)	CHARACTER	1	SMF26MSG	MESSAGE CLASS FROM JOB CARD
213	(D5)	CHARACTER	1	SMF26CLS	JOB CLASS FROM JOB CARD
214	(D6)	BITSTRING	1	SMF26XPI	INITIAL JOB PRIORITY
215	(D7)	BITSTRING	1	SMF26XPS	SELECTION PRIORITY AT TIME JOB SELECTED
216	(D8)	BITSTRING	1	SMF26IX2	Additional JOB information (JES2 ONLY)
		1... ..		SMF26JDL	"X'80" Job delayed (at least once) due to duplicate jobname
		.1..		SMF26JOL	"X'40" Job purged as a result of spool offload
		..1.		SMF26LPN	"X'20" Job went thru unspun in its lifetime
		...1		SMF26XWR	"X'10" Job had at least one JOE purged due to PSO/SAPI
217	(D9)	BITSTRING	1	SMF26OPS	Reserved
218	(DA)	BITSTRING	2	SMF26LOC	INPUT ROUTE CODE OR ZERO (JES2 ONLY)
216	(D8)	BITSTRING	4	SMF26RV8	RESERVED(JES3)

IATYJMR Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
220	(DC)	CHARACTER	8	SMF26DEV	LOG INPUT DEV NAME OF WHERE JOB READ
228	(E4)	CHARACTER	4	SMF26ACT	USERID IF TSO SUBMIT SYSTEM NAME IF NJP
232	(E8)	CHARACTER	4	SMF26ROM	PROGRAMMER'S ACCOUNTING # (JES2 ONLY)
228	(E4)	BITSTRING	8	SMF26RVA	PROGRAMMER'S ROOM # (JES2 ONLY)
236	(EC)	BITSTRING	4	SMF26XTM	RESERVED(JES3)
240	(F0)	BITSTRING	4	SMF26ELN	ESTIMATED EXECUTION TIME(SEC)
244	(F4)	BITSTRING	4	SMF26ELN	ESTIMATED OUTPUT LINES
244	(F4)	BITSTRING	4	SMF26EPU	ESTIMATED OUTPUT PUNCHED CARDS
244	(F4)	X'F8'	0	SMF26J2D	*** JES2 ONLY DESCRIPTIVE SECTION
248	(F8)	CHARACTER	4	SMF26FRM	DEFAULT OUTPUT FORM #
252	(FC)	BITSTRING	2	SMF26CYP	PRINT COPY COUNT IF FOR ALL OF JOB
254	(FE)	BITSTRING	2	SMF26LIN	LINES PER PAGE
256	(100)	BITSTRING	2	SMF26PRR	DEFAULT PRINT DESTINATION
258	(102)	BITSTRING	2	SMF26PUR	DEFAULT PUNCH DESTINATION
260	(104)	CHARACTER	8	SMF26PDD	JES2 PROC DDNAME FOR JCL CONVERSION
248	(F8)	X'F8'	0	SMF26J3D	*** JES3 ONLY DESCRIPTIVE SECTION
248	(F8)	CHARACTER	1	SMF26DTY	DEADLINE SCHEDULE TYPE
249	(F9)	BITSTRING	3	SMF26RV6	RESERVED
252	(FC)	CHARACTER	8	SMF26IGP	LOG INPUT DEV GROUP NAME(JOB SOURCE)
260	(104)	CHARACTER	8	SMF26PD3	PROCEDURE DD NAME
268	(10C)	CHARACTER	8	SMF26NJO	SYS NAME TO WHICH JOB SENT VIA NJP
276	(114)	CHARACTER	8	SMF26NJI	SYS FROM WHICH JOB RECEIVED VIA NJP
284	(11C)	CHARACTER	8	SMF26NET	ID OF DEPENDENT JOB NET TO WHICH THIS JOB
292	(124)	BITSTRING	4	SMF26DTM	BELONGS(FROM / NET STMT)
296	(128)	BITSTRING	4	SMF26DDT	DEADLINE SCHEDULE TIME
300	(12C)	CHARACTER	8	SMF26CLN	DEADLINE SCHEDULE DATE
					JOB CLASS NAME

Comment

BEGINNING OF EVENT SECTION

End of Comment

174	(AE)	BITSTRING	2	SMF26LN2	LGTH OF THIS SECTION(INCLUDING SELF)
176	(B0)	BITSTRING	2	SMF26RV2	RESV
178	(B2)	BITSTRING	4	SMF26RPT	READER STOP TIME
182	(B6)	BITSTRING	4	SMF26RPD	READER STOP DATE
186	(BA)	BITSTRING	4	SMF26CST	CONVERTER START TIME
190	(BE)	BITSTRING	4	SMF26CSD	CONVERTER START DATE
194	(C2)	BITSTRING	4	SMF26CPT	CONVERTER STOP TIME
198	(C6)	BITSTRING	4	SMF26CPD	CONVERTER STOP DATE
202	(CA)	BITSTRING	4	SMF26XST	EXECUTION START TIME
206	(CE)	BITSTRING	4	SMF26XSD	EXECUTION START DATE
210	(D2)	BITSTRING	4	SMF26XPT	EXECUTION STOP TIME
214	(D6)	BITSTRING	4	SMF26XPD	EXECUTION STOP DATE
218	(DA)	BITSTRING	4	SMF26OST	OUTPUT PROCESSOR START TIME
222	(DE)	BITSTRING	4	SMF26OSD	OUTPUT PROCESSOR START DATE
226	(E2)	BITSTRING	4	SMF26OPT	OUTPUT PROCESSOR STOP TIME
230	(E6)	BITSTRING	4	SMF26OPD	OUTPUT PROCESSOR STOP DATE

Comment

BEGINNING OF ACTUALS SECTION

JES2 creates the Actuals section only up to (and including) SMF26OID. The fields from SMF26JAF to SMF26SRC are filled in by JES3. The block from NJEJMR to NJEJMREN contains some JES3 networking information but it is part of the Actuals section.

End of Comment

174	(AE)	BITSTRING	2	SMF26LN3	LGTH OF THIS SECTION(INCLUDING SELF)
176	(B0)	BITSTRING	2	SMF26RV4	RESV
178	(B2)	BITSTRING	4	SMF26ICD	# OF INPUT CARDS (JCL AND DATA)
182	(B6)	BITSTRING	4	SMF26XLN	OUTPUT LINES GENERATED TO SPOOL
186	(BA)	BITSTRING	4	SMF26XPU	OUTPUT PUNCH CARDS GENERATED TO SPOOL

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
190	(BE)	CHARACTER	4	SMF26RID	INPUT PROCESSOR SYSTEM ID
194	(C2)	CHARACTER	4	SMF26CID	JCL CONVERSION PROCESSOR SYSTEM ID
198	(C6)	CHARACTER	4	SMF26XID	EXECUTION PROCESSOR SYSTEM ID
202	(CA)	CHARACTER	4	SMF26OID	OUTPUT PROCESSOR SYSTEM ID
206	(CE)	CHARACTER	42	SMF26JAF	Job accounting fields - maximum length 42 - filled in by JES3 only
248	(F8)	BITSTRING	4	NJEJMR (0)	
248	(F8)	CHARACTER	8	NJEJMRID	
256	(100)	ADDRESS	2	NJEJMRLN	- Length of NJEJMR

Comment

COMPATIBILITY CODE

NJEJOBNO is maintained for compatibility with pre-HJS7705 levels of JES3. Once HJS7703 and below are no longer supported, this field does not need to be maintained.

End of Comment

258	(102)	ADDRESS	2	NJEJOBNO	- Origin node job number (compatible) - contains FFFF if NJEJOBX > 65534
260	(104)	CHARACTER	8	NJEJOBNM	- JOB NAME
268	(10C)	CHARACTER	8	NJESEQN	- EXECUTION NODE
276	(114)	CHARACTER	20	NJEPRGMR	- PROGRAMMER NAME
296	(128)	CHARACTER	8	NJEUSRID	- TSO USER ID
304	(130)	CHARACTER	8	NJEACCT	- NETWORK ACCT NUM
312	(138)	CHARACTER	8	NJEDEPT	- PROGRAMMER DEPT NUM
320	(140)	CHARACTER	8	NJEBLDG	- PROGRAMMER BLDG NUM
328	(148)	CHARACTER	8	NJEROOM	- PROGRAMMER ROOM NUM
336	(150)	CHARACTER	8	NJESEQU	- EXECUTION USER ID

Comment

COMPATIBILITY CODE

NJETRANS is maintained for compatibility with pre-HJS7705 levels of JES3. Once HJS7703 and below are no longer supported, this field does not need to be maintained.

End of Comment

344	(158)	BITSTRING	4	NJETRANS (0)	Maintained for compile compatibility
344	(158)	ADDRESS	4	NJEJOBX	Origin node job number, extended
348	(15C)	BITSTRING	4	NJEJMREN (0)	
348	(15C)	BITSTRING	0	NJEJMRSZ (0)	
348	(15C)	CHARACTER	4	SMF26SRC	NUMBER OF SPOOL RECORDS

Comment

Beginning of JES2 Network section

End of Comment

174	(AE)	BITSTRING	2	SMF26LN4	LENGTH OF THIS SECTION(INCLUDING SELF)
176	(B0)	BITSTRING	2	SMF26RV5	RESERVED
178	(B2)	CHARACTER	4	SMF26NID	JOB TRANSMITTER SYSTEM IDENTIFIER
182	(B6)	BITSTRING	4	SMF26NST	JOB TRANSMITTER START TIME
186	(BA)	BITSTRING	4	SMF26NSD	JOB TRANSMITTER START DATE
190	(BE)	BITSTRING	4	SMF26NPT	JOB TRANSMITTER STOP TIME
194	(C2)	BITSTRING	4	SMF26NPD	JOB TRANSMITTER STOP DATE
198	(C6)	CHARACTER	8	SMF26NAC	NETWORK ACCOUNTING NUMBER
206	(CE)	CHARACTER	8	SMF26NJB	Original job identification
214	(D6)	CHARACTER	8	SMF26NDV	JOB TRANSMITTER DEVICE NAME
222	(DE)	CHARACTER	8	SMF26NON	Original node name
230	(E6)	CHARACTER	8	SMF26NXN	EXECUTION NODE NAME
238	(EE)	CHARACTER	8	SMF26NNM	NEXT NODE NAME
246	(F6)	CHARACTER	8	SMF26NLN	LAST NODE NAME

IATYJMR Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
254	(FE)	CHARACTER	8	SMF26SUI	Submitting Userid
262	(106)	CHARACTER	8	SMF26NN	JOB End Execution Notify Node
270	(10E)	CHARACTER	8	SMF26NU	Job End Execution Notify Userid
174	(AE)	BITSTRING	2	SMF26LN5	LGTH OF THIS SECTION
176	(B0)	CHARACTER	4	SMF26INR	INPUT ROUTING
180	(B4)	CHARACTER	4	SMF26PRD	DEFAULT PRINT DESTINATION
184	(B8)	CHARACTER	4	SMF26PUD	DEFAULT PUNCH DESTINATION
174	(AE)	BITSTRING	2	SMF26LN6	LGTH OF THIS SECTION
176	(B0)	CHARACTER	4	SMF26EBT	ESTIMATED BYTE COUNT
180	(B4)	CHARACTER	4	SMF26XBT	ACTUAL BYTE COUNT
184	(B8)	CHARACTER	4	SMF26EPG	ESTIMATED PAGE COUNT
188	(BC)	CHARACTER	4	SMF26XPG	ACTUAL PAGE COUNT
192	(C0)	CHARACTER	8	SMF26EFM	EXPANDED FORMS ID

Comment

This is the header for all future extensions to the SMF 26 record. Sections beyond this point must be accessed by using the values stored in the triplets (below) that contain the offset, length, and number of sections of the type corresponding to the triplet. New sections will be appended to this header and their presence can be detected by an increase in the number of triplets and by a non-zero section offset, length and number of sections. Each offset to a section is added to the address of SMFRCD26 to obtain the start of the section that it locates.

End of Comment

174	(AE)	BITSTRING	2	SMF26LN7	Length of triplet section
176	(B0)	SIGNED	4	SMF26OAG	Offset of accounting section
180	(B4)	BITSTRING	2	SMF26LAG	Length of accounting section
182	(B6)	BITSTRING	2	SMF26NAG	Number of accounting sections
184	(B8)	SIGNED	4	SMF26OWL	Offset of Work Load Manager section
188	(BC)	BITSTRING	2	SMF26LWL	Length of Work Load Manager section
190	(BE)	BITSTRING	2	SMF26NWL	Number of Work Load Manager sections
192	(C0)	SIGNED	4	SMF26OJC	Offset of Job Correlator section
196	(C4)	BITSTRING	2	SMF26LJC	Length of Job Correlator section
198	(C6)	BITSTRING	2	SMF26NJC	Number of Job Correlator sections
200	(C8)	CHARACTER	64	SMF26JCR	Job correlator
264	(108)	CHARACTER	8	SMF26WCL	Service class queue name
272	(110)	CHARACTER	8	SMF26WOC	Original Service class
280	(118)	BITSTRING	1	SMF26WIN	Indicators
		1...		SMF26WLM	"B'10000000" Job ran in MODE=WLM
		.1...		SMF26SJB	"B'01000000" Job ran because of the \$\$ J JES2 command or the *F,J=job,RUN JES3 command
281	(119)	CHARACTER	8	SMF26WJC	Eight character job class
289	(121)	CHARACTER	16	SMF26WSE	Scheduling environment (SCHENV)
305	(131)	BITSTRING	2	SMF26LN8	Length of Accounting Section
307	(133)	SIGNED	1	SMF26NRA	Number of accounting pairs that follow

Comment

Accounting pairs are of the form:
 AL1(length),C'string of length "length"
 A length of 0 indicates an omitted field

End of Comment

308	(134)	SIGNED	1	SMF26AC1 (0)	
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Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				

SMF26 RECORD LENGTHS.					

End of Comment					
0	(0)	X'32'	0	SMFHDRLN	"SMF26LN1-SMFRCD26" LENGTH OF HEADER SECTION
0	(0)	X'86'	0	SMFDESLN	"SMF26CLN-SMF26LN1+L'SMF26CLN" LENGTH OF DESCRIPTIVE SECTION
0	(0)	X'3C'	0	SMFEVTLN	"SMF26OPD-SMF26LN2+L'SMF26OPD" LENGTH OF EVENT SECTION
0	(0)	X'B2'	0	SMFACTLN	"SMF26SRC-SMF26LN3+L'SMF26SRC" LENGTH OF ACTUALS SECTION
0	(0)	X'1A'	0	SMFPRTLN	"SMF26EFM-SMF26LN6+L'SMF26EFM" LENGTH OF PRINT SECTION
0	(0)	X'C8'	0	SMFUSRLN	"200" MAXIMUM USER DATA LENGTH
0	(0)	X'288'	0	SMF26MAX	"SMFHDRLN+SMFDESLN+SMFEVTLN+SMFACTLN+SMFPRTLN+MAXIMUM LENGTH OF SMF26 RECORD PRIOR TO PURGE
0	(0)	X'E400'	0	SMF26IDX	"SMF26DES+SMF26EVT+SMF26ATU+SMF26JXP" FLAGS TO INDICATE WHICH SECTIONS ARE INCLUDED IN THE SMF26 RECORD
0	(0)	X'8'	0	SMFACTRP	"SMF26NAG-SMF26OAG+L'SMF26NAG" Length of acct data triplet fields
0	(0)	X'12'	0	SMFTOTRP	"SMFACTRP+SMFWLMTL+L'SMF26LN7" Total length of triplet section (length of acct data triplet fields + length of WLM triplet fields + length of triplet length field SMF26LN7)
0	(0)	X'3'	0	SMFACFSZ	"SMF26NRA-SMF26LN8+L'SMF26NRA" Length of fixed portion of accounting data
0	(0)	X'92'	0	SMFACSEC	"SMFACFSZ+L'JMRXACDT" Maximum length of acct data section
0	(0)	X'8'	0	SMFWLMTL	"SMF26NWL-SMF26OWL+L'SMF26NWL" Length of triplet portion of WLM data
0	(0)	X'29'	0	SMFWLMFL	"SMF26WSE-SMF26WCL+L'SMF26WSE" Length of fixed portion of WLM data

Comment					
It is imperative to update SMF26TOT whenever the length of the SMF26 record is changed.					
End of Comment					
0	(0)	X'355'	0	SMF26TOT	"SMF26MAX+SMFTOTRP+SMFACSEC+SMFWLMFL" Total maximum SMF26 record size

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	JMRXSTRT	
0	(0)	CHARACTER	4	JMRXID	Area identifier
4	(4)	SIGNED	2	JMRXHLEN	Length of header section
6	(6)	BITSTRING	1	JMRXHVR1	JMRX header version
6	(6)	X'1'	0	JMRXHVR1	"1" - Version 1 of the JMRX

IATYJMR Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

JMRXIND1 indicates which sections of the JMRX have been initialized.					

End of Comment					
7	(7)	BITSTRING 1... .. .1.. .. ..1.	1	JMRXIND1 JMRXACT1 JMRXWLM JMRXJMRE	Section indicator "X'80" - Accounting section is present "X'40" - WLM section is present "X'20" - JMRE section is present
8	(8)	BITSTRING	1	JMRXIND2 (2)	Reserved for future use
10	(A)	SIGNED	2	JMRXRSD1	Reserved for development
12	(C)	SIGNED	4	JMRXRSVD (3)	Reserved for development
24	(18)	SIGNED	4	JMRXRSVS (3)	Reserved for service
24	(18)	X'24'	0	JMRXHLNG	**"JMRXSTRT" Size of JMRX header

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	JMRXENT	
0	(0)	SIGNED	2	JMRXELN	Entry length (includes JMRXENT fields)
2	(2)	BITSTRING	1	JMRXEID	Entry identifier
2	(2)	X'1'	0	JMRXIDAC	"1" - ID for acct section
2	(2)	X'2'	0	JMRXIDWL	"2" - ID for WLM section
2	(2)	X'3'	0	JMRXIDJE	"3" - ID for JMRE section
3	(3)	BITSTRING	1	JMRXEVR5	Entry version indicator
3	(3)	X'1'	0	JMRXEVR1	"1" - Version 1 of entry
4	(4)	SIGNED	4	JMRXERSD (2)	Reserved for development
12	(C)	SIGNED	4	JMRXERSS (2)	Reserved for service
12	(C)	X'14'	0	JMRXEDAT	*** Data portion of entry
12	(C)	X'0'	0	JMRXEEND	"JMRXELN,4" Delimiter for last entry x'FFFFFFF'

Comment					

Definition of data portion of accounting data entry. An accounting data entry is identified by JMRXIDAC in JMRXEID.					

End of Comment					
20	(14)	BITSTRING	1	JMRXACPR	Number of accounting parms (from ISACCCNT)
21	(15)	BITSTRING	143	JMRXACDT	Accounting data (from ISACCTXT)
21	(15)	X'A4'	0	JMRXACSZ	**"JMRXENT" Size of accounting entry

Comment					

Definition of data portion of WLM section. A WLM section is identified by JMRXIDWL in JMRXEID.					

End of Comment					
20	(14)	CHARACTER	8	JMRXWCL	Current service class name
28	(1C)	CHARACTER	8	JMRXWOC	Original Service class name
36	(24)	BITSTRING	8	JMRXWRS1	Reserved for dev/service
44	(2C)	BITSTRING	16	JMRXSCEN	Scheduling environment
60	(3C)	BITSTRING	16	JMRXWRSV	Reserved for dev/service
76	(4C)	BITSTRING	1	JMRXWIN	Indicators
		1... ..		JMRXMWLM	"X'80" Job ran in MODE=WLM
		.1..		JMRXRUNJ	"X'40" Job ran as a result of a *F,J=jobno,RUN command

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
76	(4C)	X'4D'	0	JMRXWLSZ	"*-JMRXENT" Size of WLM section	

Comment						

Definition of data portion of the MVS JMR Extension (JMRE DSECT). The JMR Extension does not exist for the original version of the MVS JMR (IEFJMR) when JMRVERSN=0; it only exists when JMRVERSN=1 (or beyond).

End of Comment						
20	(14)	BITSTRING	1	JMRXJVER	Version of JMR applicable to JMR Extension (JMRE) - see equates for JMRVERSN	
21	(15)	BITSTRING	1	JMRXJRS1	Reserved for dev/service	
22	(16)	SIGNED	2	JMRXJLEN	Length of JMR Extension	
24	(18)	BITSTRING	8	JMRXJRS2	Reserved	
32	(20)	BITSTRING	1	JMRXJMR2	MVS JMRE DSECT used by this JMRX entry	
32	(20)	X'48'	0	JMRXJMSZ	"*-JMRXJMR2" Size of JMR Extension in JMRX entry	
32	(20)	X'68'	0	JMRXJESZ	"*-JMRXENT" Size of MVS JMR Extension section (JMRE DSECT)	

Comment						

Extension equates. JMREXLN must be updated for any new sections added to the JMRX.						
Changes to JMREXLN affect JMRTOTLN. Be sure to reassemble modules referencing JMRTOTLN.						

End of Comment						
20	(14)	X'181'	0	JMREXLN	"JMRXHLNG+JMRXACSZ+JMRXWLSZ+JMRXJESZ+L'JMRXEEND" Size of JMR extension (Header + 1 acct section + 1 WLM section + 1 JMRE section + delimiter)	
20	(14)	X'485'	0	JMRTOTLN	"JFMVSSZ+SMF26MAX+JMREXLN" Total JMR size (JES3 JMR + MVS JMR + maximum SMF26 record + JMR extension)	
20	(14)	X'304'	0	JMRS26LN	"JFMVSSZ+SMF26MAX" Size of JMR w/o JMRX (offset to JMRX)	

Comment						

The next declare will generate an assembly error if the total JMR size exceeds the minimum recommended JES3 spool buffer size.						

End of Comment						
20	(14)	BITSTRING	1	(0)	Generate error if JMR size exceeds 2036 258	

IATYJMR Cross Reference

IATYJMR Cross Reference

Name

JMFMVSSZ
JMR
JMR
JMR
JMRABCOD

JMRCHN
JMRCHRS
JMRCIV
JMRCLASS
JMRCLAS8

JMRCNRS
JMRCNT
JMRCNVTD
JMRCONDC
JMRCPUID

JMRDATA
JMRDDV
JMRDRSTP
JMRE
JMREDATE

JMREENDG
JMRELENG
JMRELEN1
JMRENDV0
JMRENDV1

JMRENTY
JMREXECV
JMREXITS
JMREXLN
JMRFIND

JMRFLG
JMRID
JMRINDC
JMRINTRP
JMRJCLCD

JMRJCLCP
JMRJCLP
JMRJDTVB
JMRJOB
JMRJOBCORRELATOR

JMRJOBIN
JMRJOBP
JMRJOB SW
JMRJOBV

JMRLENG
JMRLGEND
JMRLOGSZ
JMROPT
JMRPARM1

JMRPROCV
JMRPTRS
JMRRDR
JMRSCLPC
JMRSIZE

Name

JMRSNAME
JMRSTEP
JMRSTPSW
JMRSTRS
JMRSYSOC

JMRS26LN
JMRTOTLN
JMRTRK
JMRUCOM
JMRUSEID

JMRUTLP
JMRVERSN
JMRVER0
JMRVER1
JMRVLID

JMRWARM
JMRXACDT
JMRXACPR
JMRXACSZ
JMRXACTI

JMRXEDAT
JMRXEEND
JMRXEID
JMRXELN
JMRXENT

JMRXERSD
JMRXERSS
JMRXEVR
JMRXEVR1
JMRXHLEN

JMRXHLNG
JMRXHVRS
JMRXHVR1
JMRXID
JMRXIDAC

JMRXIDJE
JMRXIDWL
JMRXIND1
JMRXIND2
JMRXJESZ

JMRXJLEN
JMRXJMRE
JMRXJMR2
JMRXJMSZ
JMRXJRS1

JMRXJRS2
JMRXJVER
JMRXMWLM
JMRXONLY
JMRXRS1

JMRXRSVD
JMRXRSVS
JMRXRUNJ
JMRXSCEN
JMRXSTRT

JMRXWCL
JMRXWIN
JMRXWLM
JMRXWLSZ
JMRXWOC

IATYJMR Cross Reference

Name

JMRXWRSV
JMRXWRS1
NJEACCT
NJEBLDG
NJEDEPT

NJEJMR
NJEJMREN
NJEJMRID
NJEJMRLN
NJEJMRSZ

NJEJOBNM
NJEJOBNO
NJEJOBNX
NJEPRGMR
NJEROOM

NJETRANS
NJEUSRID
NJEXEQN
NJEXEQU
SMFACFSZ

SMFACSEC
SMFACTLN
SMFACTRP
SMFDESLN
SMFEVTLN

SMFHDRLN
SMFJ26
SMFPRTLN
SMFRCD26
SMFTOTRP

SMFUSRLN
SMFWLMFL
SMFWLMTL
SMF26ACP
SMF26ACT

SMF26AC1
SMF26ASP
SMF26ATU
SMF26BCH
SMF26CID

SMF26CLN
SMF26CLS
SMF26CPD
SMF26CPT
SMF26CPY

SMF26CSD
SMF26CST
SMF26CYP
SMF26DDT
SMF26DES

SMF26DEV
SMF26DJC
SMF26DJE
SMF26DJO
SMF26DLJ

SMF26DLM
SMF26DTE
SMF26DTM
SMF26DTY
SMF26EBT

Name

SMF26EFM
SMF26EIR
SMF26ELN
SMF26EPG
SMF26EPU

SMF26EVT
SMF26FLG
SMF26FRM
SMF26FTS
SMF26HSP

SMF26ICD
SMF26IDX
SMF26IGP
SMF26IND
SMF26INF

SMF26INR
SMF26IN2
SMF26IN3
SMF26IX2
SMF26JAF

SMF26JBF
SMF26JBN
SMF26JCP
SMF26JCR
SMF26JDL

SMF26JID
SMF26JNM
SMF26JOL
SMF26JXP
SMF26J2D

SMF26J2R
SMF26J3D
SMF26LAG
SMF26LEN
SMF26LIN

SMF26LJC
SMF26LN1
SMF26LN2
SMF26LN3
SMF26LN4

SMF26LN5
SMF26LN6
SMF26LN7
SMF26LN8
SMF26LOC

SMF26LPN
SMF26LWL
SMF26MAX
SMF26MRE
SMF26MSG

SMF26NAC
SMF26NAG
SMF26NAM
SMF26NDV
SMF26NET

SMF26NID
SMF26NJB
SMF26NJC
SMF26NJE
SMF26NJI

IATYJMR Cross Reference

Name

SMF26NJO
SMF26NJX
SMF26NLG
SMF26NLN
SMF26NN

SMF26NNM
SMF26NOJ
SMF26NON
SMF26NOU
SMF26NPD

SMF26NPT
SMF26NRA
SMF26NSD
SMF26NST
SMF26NTW

SMF26NU
SMF26NWL
SMF26NXN
SMF26OAG
SMF26OID

SMF26OJC
SMF26OPC
SMF26OPD
SMF26OPS
SMF26OPT

SMF26OSD
SMF26OST
SMF26OWL
SMF26PDD
SMF26PD3

SMF26PRD
SMF26PRJ
SMF26PRR
SMF26PTR
SMF26PUD

SMF26PUR
SMF26RID
SMF26ROM
SMF26RPD
SMF26RPT

SMF26RSD
SMF26RST
SMF26RSV
SMF26RTY
SMF26RVA

SMF26RV1
SMF26RV2
SMF26RV4
SMF26RV5
SMF26RV6

SMF26RV8
SMF26R02
SMF26SBS
SMF26SCN
SMF26SEG

SMF26SID
SMF26SJB
SMF26SRC
SMF26STK
SMF26STU

Name

SMF26SUI
SMF26TME
SMF26TOT
SMF26TRH
SMF26UIF

SMF26WCL
SMF26WIN
SMF26WJC
SMF26WLM
SMF26WOC

SMF26WSE
SMF26XBC
SMF26XBT
SMF26XID
SMF26XLN

SMF26XPD
SMF26XPG
SMF26XPI
SMF26XPS
SMF26XPT

SMF26XPU
SMF26XSD
SMF26XST
SMF26XTM
SMF26XWR

IATYJMU Information

IATYJMU Heading Information

Common Name: JESMSG Message Unit
Macro ID: IATYJMU
DSECT Name: JMUSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JMU (JMUSTART)
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: Subpool CSA or 0
 Auxiliary Storage: N/A
 Key: Key 1 (JESKEY)
 Residency: ANY
Size: JMUSIZE (for JMUSTART)
Created by: IATSSJM
Pointed to by: JMUNEXT in IATYJMU
 JMUPREV in IATYJMU
 MEMJMUPD in IATYMEM
 MEMJMUWT in IATYMEM
 MEMBEJPD in IATYMEM *0104
 MEMBEJWT in IATYMEM *0104
Serialization: (1) Compare and Swap is used when adding entries to the JMU queue.
 (2) The JESMSG write lock must be held when the JMU elements are removed from the JMU queue.
Function: This data area contains information relating to JESMSG processing that is to occur in the user's address space. Hence, the acronym for JESMSG Message Unit.

IATYJMU Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JMUSTART	
0	(0)	CHARACTER	4	JMUID	JMU identifier
4	(4)	ADDRESS	4	JMUNEXT	Pointer to next JMU entry
8	(8)	ADDRESS	4	JMUPREV	Pointer to prev JMU entry
12	(C)	SIGNED	4	JMUSUBPL	Subpool of this JMU storage
12	(C)	X'FF'	0	JMUSP255	"255" Equate for subpool 255 0104 (Private LSQA/ELSQA) 0104
12	(C)	X'F1'	0	JMUSP241	"241" Equate for subpool 241 (CSA) 0104
16	(10)	BITSTRING	16	JMUUSRID (0)	Job/user identifier
16	(10)	CHARACTER	8	JMUJNAME	Jobname of message issuer
24	(18)	CHARACTER	8	JMUJID	Job id of message issuer
32	(20)	SIGNED	4	JMUMSGLN	Length of message text
36	(24)	CHARACTER	10	JMUMSGTS	Timestamp ' HH:MM:SS ' when the message was issued
46	(2E)	CHARACTER	128	JMUMSGTX	JESMSG text
174	(AE)	BITSTRING	1	JMUFLG1	JMU Flag 1

Comment

 Definition of JMUFLG1

End of Comment

1... ..	JMUGLBLE	"X'80" Entry is from JES3 global
.1. . . .	JMULAST	"X'40" Last line of a multi-line WTO
..1. . . .	JMUFLG20	"X'20" Reserved for IBM
...1	JMUFLG10	"X'10" Reserved for IBM
.... 1...	JMUFLG08	"X'08" Reserved for IBM

IATYJMU Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... .1..		JMUFLG04	"X'04" Reserved for IBM
		.... ..1.		JMUFLG02	"X'02" Reserved for IBM
		.... ...1		JMUFLG01	"X'01" Reserved for IBM
175	(AF)	BITSTRING	1	JMURSVD1	Reserved for IBM 0096
176	(B0)	BITSTRING	4	JMUTOD	Copy of WQETS3 time stamp if processed by IATSIWO
180	(B4)	BITSTRING	4	JMUDATE	Associated date (YYYYMMDD)
184	(B8)	SIGNED	4	JMUCNID	Connect id for multi-line WTOs
188	(BC)	SIGNED	4	JMURSVD2	Reserved for IBM
192	(C0)	SIGNED	4	JMURSVD3 (4)	Reserved for IBM Service
208	(D0)	SIGNED	4	JMUEND (0)	- End of JMU entry
208	(D0)	X'D0'	0	JMUSIZE	"JMUEND-JMUSTART" JMU size

IATYJMU Cross Reference

Name

JMUCNID
 JMUDATE
 JMUEND
 JMUFLG01
 JMUFLG02
 JMUFLG04
 JMUFLG08
 JMUFLG1
 JMUFLG10
 JMUFLG20
 JMUGLBLE
 JMUID
 JMUJID
 JMUJNAME
 JMUJLAST
 JMUMSGLN
 JMUMSGTS
 JMUMSGTX
 JMUNEXT
 JMUPREV
 JMURSVD1
 JMURSVD2
 JMURSVD3
 JMUSIZE
 JMUSP241
 JMUSP255
 JMUSTART
 JMUSUBPL
 JMUTOD
 JMUUSRID

IATYJNT Information

IATYJNT Programming Interface information

Programming Interface information

IATYJNT

End of Programming Interface information

Heading Information • IATYJNT Map

IATYJNT Heading Information

Common Name: JOB-NET CONTROL BLOCK (JNCB)
Macro ID: IATYJNT
DSECT Name: JNSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JNCB
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: JESPOOL
 Auxiliary Storage: n/a
Size: 112 Bytes
Created by: IATISNT
Pointed to by: JNCBTOP in IATYTVT
Serialization: NONE
Function: One JNCB is created for each DJC NET in the system.

IATYJNT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JNSTART	
0	(0)	SIGNED	4	JNNEXT	- JOB-NET FORWARD CHAIN POINTER #02542
4	(4)	CHARACTER	4	JNCBID	CONTROL BLOCK ID
8	(8)	CHARACTER	8	JNID	- JOB-NET IDENTIFIER
16	(10)	BITSTRING	12	JNNCBFDB	- NET CONTROL BLOCK FDB
28	(1C)	ADDRESS	2	JNCBSIZE	- SIZE OF JNCB
30	(1E)	SIGNED	2	JNTOTCNT	- TOTAL NUMBER OF JOBS IN NET (HEX)
32	(20)	SIGNED	2	JNCURCNT	- NUMBER OF JOBS COMPLETED (HEX)
34	(22)	BITSTRING	1	JNWTCONT	FCT'S WAITING FOR JNCB
35	(23)	BITSTRING	1	JNTRSVS	RESERVED FOR SERVICE
36	(24)	SIGNED	2	JNRESVD1	RESERVED FOR DEVELOPMENT
38	(26)	CHARACTER	1	JNFLAG1	- JOB-NET FLAGS 1

Comment

 DEFINITION OF JNFLAG1

End of Comment

		.... ..1		JNDJINIT	"X'01" - JOB NET INITIALIZATION IS IN PROGRESS
		.... ..1.		JNDJACT	"X'02" - DJ IS ACTIVE ON THIS NET
		.... ..1..		JNMISUCC	"X'04" - THIS NET IS MISSING A SUCCESSOR
		.... 1...		JNMISUBN	"X'08" - RELEASE SUB-NET NOT IN SYSTEM
		...1		JNNETCAN	"X'10" - JOB-NET HAS BEEN CANCELED
		..1.		JNDJNOT	"X'20" - THIS NET CANNOT BE DJ'ED
		.1..		JNDJED	"X'40" - THIS NET HAS BEEN DJ'ED
		1...		JNFLUSH	"X'80" - FLUSH PROCESSING REQUIRED
39	(27)	CHARACTER	1	JNFLAG2	- JOB-NET FLAGS 2

Comment

 DEFINITION OF JNFLAG2

End of Comment

		.... ..1		JNUNRERR	"X'01" UNRECOVERABLE ERROR RECOVERY
		.... ..1.		JNRECERR	"X'02" RECOVERABLE ERROR RECOVERY
		.... ..1..		JNNORECV	"X'04" DO NOT DO ERROR RECOV
		.... 1...		JNNETDEL	"X'08" COMP NET WAITING FOR DELETE
		...1		JNINTSNT	"X'10" INTERCOM SENT FOR DELETE
		..1.		JNDLEVEL	"X'20" Net has down level NCBs
40	(28)	CHARACTER	1	JNFLAG3	- JOB-NET FLAGS 3

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

DEFINITION OF JNFLAG3					

End of Comment					
44	(2C)	.... ..1.... ..1. SIGNED	4	JNDRSET JNTDSET JNDFCB	"X'01" - DJ RESET CONTROL FLAG "X'02" Net create time/date set 0004 - DFCB ADDR FOR THIS NET
Comment					

JNCB NET-CONTROL WORK AREAS					

End of Comment					
48	(30)	ADDRESS	4	JNCBUSER	THE ADDRESS OF THE FCT THAT IS CURRENTLY HOLDING THIS JNCB
52	(34)	SIGNED	4	JNSAVPRV	- BUFFER ADDRESS SAVE AREA - PREVIOUS
56	(38)	SIGNED	4	JNSAVCUR	- BUFFER ADDRESS SAVE AREA - CURRENT
60	(3C)	BITSTRING	12	JNFDBSAV	FDB SAVE AREA
72	(48)	BITSTRING	12	JNFDBPRV	PREVIOUS FDB SAVE AREA
84	(54)	BITSTRING	4	JNCBRSVS	Reserved for IBM 0004
88	(58)	BITSTRING	8	JNCBTMDT	STCK value when DJC NET 0004 was created. 0004
96	(60)	BITSTRING	12	JNRCERRD	FDB FOR I/O ERROR RECOVERY PROCESSING
108	(6C)	SIGNED	2	JNPNCNT	COUNT OF RESUBMITTED JOBS
110	(6E)	SIGNED	2	JNISACNT	NUMBER OF INPUT SERVICE RELATED FCTS ACTIVE ON THIS NET
Comment					

Define the old length (i.e. prior to APAR OY59185) for Dump Job. IATDJIN, before OY59185, assumes that the JNCB size won't change. It obtains storage based on what it knows the JNCB size is and then copies it including the length field.					

End of Comment					
110	(6E)	X'70'	0	JNCBLENO	"*-JNSTART" LENGTH FOR DJ
Comment					

In-storage summary control block anchors					

End of Comment					
112	(70)	ADDRESS	4	JNJSEBUF	ADDRESS OF DJC JOB SUMMARY ELEMENT BUFFER POOL
116	(74)	ADDRESS	4	JNJSEALC	ADDRESS OF ALLOCATED DJC JOB SUMMARY ELEMENT CHAIN FOR THIS NET
120	(78)	ADDRESS	4	JNJSEFRE	ADDRESS OF FREE DJC JOB SUMMARY ELEMENT CHAIN FOR THIS NET
124	(7C)	ADDRESS	4	JNNFTBUF	ADDRESS OF NCB FDB TABLE (NFT) FOR THE NCB BUFFERS ASSOCIATED WITH THIS NET
128	(80)	ADDRESS	4	JNNFTCBF	ADDRESS OF NFT BUFFER FOR THE CURRENT NFT ENTRY ASSOCIATED WITH THE NCB
132	(84)	ADDRESS	4	JNNFTCEN	ADDRESS OF NFT ENTRY ASSOCIATED WITH THE NCB
136	(88)	BITSTRING	1	JNEND (0)	- END OF CONTROL BLOCK

IATYJNT Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
136	(88)	BITSTRING	1	JNSIZE (0)	-L'JNSIZE IS SIZE OF ENTRY

IATYJNT Cross Reference

Name

JNCBID
JNCBLENO
JNCBRSVS
JNCBSIZE
JNCBTMDT

JNCBUSER
JNCURCNT
JNDFCB
JNDJACT
JNDJED

JNDJINIT
JNDJNOT
JNDJRSET
JNDLEVEL
JNEND

JNFDBPRV
JNFDBSAV
JNFLAG1
JNFLAG2
JNFLAG3

JNFLUSH
JNID
JNINTSNT
JNISACNT
JNJSEALC

JNJSEBUF
JNJSEFRE
JNMISUBN
JNMISUCC
JNNCBFDB

JNNETCAN
JNNETDEL
JNNEXT
JNNFTBUF
JNNFTCBF

JNNFTCEN
JNNORECV
JNPDCNT
JNRCERRD
JNRECERR

JNRESVD1
JNSAVCUR
JNSAVPRV
JNSIZE
JNSTART

JNTDSET
JNTOTCNT
JNTRSVS
JNUNRERR
JNWTCONT

IATYJOB Information

IATYJOB Programming Interface information

Programming Interface information

IATYJOB

End of Programming Interface information

Heading Information • IATYJOB Map

IATYJOB Heading Information

Common Name: Job Level Information
Macro ID: IATYJOB
DSECT Name: IATYJOB
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: NONE
Storage Attributes: Main Storage: SUBPOOL ZERO
 Auxiliary Storage: N/A
 Subpool: ZERO
 Key: 1 (JESKEY)
 Residency: BELOW, ANY
Size: See Assembler Listing
Created by: IATIICM
Pointed to by: Contained Within IDD
 (MACRO IATYIDD)
Serialization: None
Function: This macro contains job level information from the
 SWA control blocks (JCT, ACT).

IATYJOB Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYJOB	
0	(0)	SIGNED	4	JBLTSOID	- TSO USER ID PTR
4	(4)	SIGNED	4	JBLACT#1	ADDRESS OF IDDACT#1 WHICH CONTAINS PROGRAMMER NAME, JOB TIME, AND JOB ACCTG INFO COPIED FROM THE FIRST JOB ACT
8	(8)	SIGNED	4	JBLACT#2	ADDRESS OF IDDACT#2 WHICH CONTAINS PROGRAMMER NAME, JOB TIME, AND JOB ACCTG INFO COPIED FROM THE SECOND JOB ACT
12	(C)	SIGNED	4	JBLSMFU	- PTR TO USER SMF AREA
16	(10)	CHARACTER	1	JBLRSVD1	RESERVED FOR DEVELOPMENT 0043
17	(11)	CHARACTER	1	JBLMSGCL	- JOB MESSAGE CLASS
18	(12)	CHARACTER	1	JBLPRTY	- JOB PRIORITY
19	(13)	CHARACTER	1	JBLCLASS	- JOB CLASS
20	(14)	BITSTRING	1	JBLFSTEP	- STEP NUM OF FIRST STP TO RUN
21	(15)	BITSTRING	1	JBLRSTRT	- JOB RESTART FLAGS

Comment

```

----- 16710TAM
Definition of JBLRSTRT 16710TAM
----- 16710TAM
  
```

End of Comment

		1... ..		JBLSTPRS	"X'80" - Step restart specified 16710TAM
		.1.. ..		JBLCHKRS	"X'40" - Checkpoint restart specif'd 16710TAM
		.... 1..		JBLJRNL	"X'08" Journal required 16710TAM 16710TAA
22	(16)	BITSTRING	1	JBLFLAG1	- JOB STATUS FLAG

Comment

```

----- 16710TAM
Definition of JBLFLAG1 16710TAM
----- 16710TAM
  
```

End of Comment

		1... ..		JBLADDRL	"X'80" - ADDRSPC=REAL was specified 16710TAM 16710TAA
24	(18)	SIGNED	4	JBLRSVD	RESERVED FOR DEVELOPMENT
28	(1C)	SIGNED	4	JBLRSVS	RESERVED FOR SERVICE
32	(20)	SIGNED	4	JBLRSVU	RESERVED FOR USER
36	(24)	BITSTRING	1	JBLEND (0)	- END OF JOBL ENTRY 10#16710TAD

IATYJOB Cross Reference**Name**

IATYJOB
JBLACT#1
JBLACT#2
JBLADDRL
JBLCHKRS
JBLCLASS
JBLEND
JBLFLAG1
JBLFSTEP
JBLJRNL
JBLMSGCL
JBLPRTY
JBLRSTRT
JBLRSVD
JBLRSVD1
JBLRSVS
JBLRSVU
JBLSMFU
JBLSTPRS
JBLTSOID

IATYJPRT Information

IATYJPRT Heading Information

Common Name: JCT DATA SPACE PAGE RELEASE TABLE
Macro ID: IATYJPRT
DSECT Name: JPRTSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JPRT
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: SUBPOOL 0
 Auxiliary Storage: N/A
Size: 104 Bytes
Created by: IATINJQ
Pointed to by: JQXPAGRL in IATYJQX
Serialization: NONE
Function: This macro maps the page release table used for the JCT data space.

IATYJPRT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JPRTSTRT	, JCT DATA SPACE PAGE RELEASE TABLE
0	(0)	CHARACTER	4	JPRTID	CONTROL BLOCK ID
4	(4)	SIGNED	4	JPRTTSIZ	TOTAL SIZE OF TABLE
8	(8)	SIGNED	4	JPRTSAVE (18)	SAVE AREA USED TO DSPSERV CALLS
80	(50)	SIGNED	4	JPRTSVD (2)	RESERVED FOR DEVELOPMENT
88	(58)	SIGNED	4	JPRTSVS (2)	RESERVED FOR SERVICE
96	(60)	SIGNED	4	JPRTSVU (2)	RESERVED FOR USER
104	(68)	SIGNED	4	JPRTEND (0)	END OF PAGE RELEASE TABLE HEADER
104	(68)	X'68'	0	JPRTHSIZ	"*-JPRTSTRT" SIZE OF PAGE RELEASE TABLE HEADER

Comment

JCT DATA SPACE PAGE RELEASE TABLE DATA - THERE IS ONE BYTE FOR EACH JCT DATA SPACE PAGE.

End of Comment

104 (68) BITSTRING 1 JPRTDATA (0)

IATYJPRT Cross Reference

Name

JPRTDATA
 JPRTEND
 JPRTHSIZ
 JPRTID
 JPRTSVD
 JPRTSVS
 JPRTSVU
 JPRTSAVE
 JPRTSTRT
 JPRTTSIZ

IATYJPSE Information

IATYJPSE Heading Information

Common Name: JQE Priority Scan Element
Macro ID: IATYJPSE
DSECT Name: JPSESTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JPSE
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 0
Size: JPSESIZE bytes
Created by: IATGRJX
Pointed to by: JQXPSEHD in IATYJQX
 JQXPSEFR in IATYJQX
 JPSENEXT in IATYJPSE
Serialization: None
Function: This macro maps the data that is used to keep track of a JQE priority scan. When an FCT AENQ's on a priority, a JQE priority scan element is created and anchored from the appropriate priority queue header in the JQX (JQXPSEHD). When the end of a priority is reached or the priority is DEQ'd, the priority scan element is returned to the free pool.

IATYJPSE Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JPSESTRT	, JQX Priority Scan Element
0	(0)	CHARACTER	4	JPSEID	Control block id
4	(4)	ADDRESS	4	JPSENEXT	Address of next element in the queue
8	(8)	ADDRESS	4	JPSEFCT	Address of FCT associated with this element
12	(C)	ADDRESS	4	JPSEDSP	Address of DSP dictionary associated with this element
16	(10)	SIGNED	4	JPSEJBNO	Next job in priority scan This is a 32-bit unsigned integer from 1 to the equated definition of MAXIMUM_JOB_NUMBER_ALLOWED. A value of X'FFFFFFFF' indicates a marker for end of priority scan
20	(14)	BITSTRING	1	JPSEPRTY	Priority being scanned

Comment					

Definition of JPSEFLG1.					

End of Comment					
21	(15)	BITSTRING	1	JPSEFLG1	Flag one
		1... ..		JPSEEXCL	"X'80" Exclusive use of the priority was requested. If off, shared use of the priority was requested.
22	(16)	BITSTRING	2	JPSESRVD	Reserved for development
24	(18)	DBL WORD	8	JPSEEND (0)	End of an element
24	(18)	X'18'	0	JPSESIZE	"*-JPSESTRT" Size of an element
24	(18)	X'14'	0	JPSECNT	"20" Number of elements in an extent

IATYJPSE Cross Reference

IATYJPSE Cross Reference

Name

JPSECNT
JPSEDSP
JPSEEND
JPSEEXCL
JPSEFCT
JPSEFLG1
JPSEID
JPSEJBNO
JPSENEXT
JPSEPRTY
JPSEERSVD
JPSESIZE
JPSESTRT

IATYJQE Information

IATYJQE Programming Interface information

Programming Interface information

IATYJQE

The following field is **NOT** programming interface information:

- JQEXADDR

End of Programming Interface information

Heading Information • IATYJQE Map

IATYJQE Heading Information

Common Name: JOB QUEUE ELEMENT
Macro ID: IATYJQE
DSECT Name: JQESTART, JQE3STRT, JQE2STRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: JES3 Private Area (Subpool 0)
 Auxiliary Storage: None
Size: JQESIZE bytes
Created by: IATINJQ
Pointed to by: JQX0AD, JQX1AD, JQX2AD,
 JQX3AD, JQX4AD OF IATYJQX
Serialization: N/A
Function: Contains the storage resident job queue element.

IATYJQE Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	JQESTART	
0	(0)	BITSTRING	12	JQEFLG1	FDB FOR JCT I/O REQUESTS
12	(C)	SIGNED	4	JQEJNO	Job number
16	(10)	SIGNED	4	JQEPREV	Jobno previous job this PRTY
20	(14)	SIGNED	4	JQENEXT	Jobno next job this PRTY
24	(18)	BITSTRING	1	JQEFLG1	CONTROL FLAG 1

Comment

 Definition of JQEFLG1.

End of Comment

		1... ..		JQEALLOC	"X'80" THIS JQE CURRENTLY ALLOCATED
		.1.. ..		JQENORD	"X'40" RO ACCESS PROHIBITED
		..1.		JQEDEL	"X'20" ALLOW TYPE=DEL ONLY
		...1		JQEFREEZ	"X'10" SAME AS JCTFREEZ
		.... 1...		JQEDJCOH	"X'08" DJC OPERATOR HOLD
		.... .1..		JQEDJHLD	"X'04" JCT IS IN NET HOLD
		.... ..1.		JQECAT	"X'02" Catastrophic error on the JQE or JCT
		.... ...1		JQEMSG	"X'01" Catastrophic error message issued
25	(19)	BITSTRING	1	JQEFLG2	CONTROL FLAG 2

Comment

 Definition of JQEFLG2.

End of Comment

		1... ..		JQEDUPNM	"X'80" JSS HAS MOVED THE JOB FROM THE DUPLICATE JOBNAME QUEUE
		.1.. ..		JQEDJBYP	"X'40" BYPASS DJ FOR THIS JOB -- WAS ALREADY PROCESSED BY DJ.
		..1.		JQEDSEL	"X'20" DEMAND SELECT JOB
		...1		JQEFSS	"X'10" JOB RUNS AS FSS ADDR SPACE
		.... 1...		JQESPHLD	"X'08" JOB IS IN SPOOL HOLD
		.... .1..		JQESBOWN	"X'04" 0 => JOB OWNER FROM JOBCARD OR PROPAGATED FROM SUBMITTOR 1 => USE SUBMITTOR AS OWNER (MAY BE / MAIN USER=)
		.... ..1.		JQEBELEF	"X'02" Belated ending function scheduled for this job by JSS
		.... ...1		JQESCHEN	"X'01" Job has a scheduling environment
28	(1C)	SIGNED	4	JQERESQ	ADDR OF RESQ

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
32	(20)	SIGNED	4	JQERWFCT	RW FCT ADDR
36	(24)	BITSTRING	1	JQERWENQ	RW ENQ BYTE
37	(25)	BITSTRING	1	JQERSTFL	JOB RESTART REQUIREMENTS FLAG

Comment

 Definition of JQERSTFL (same as JVWRSTFL in IATYJVW)

End of Comment

		1...		JQEPCRST	"X'80" PROCLIB RESTART REQUIRED
		.1..		JQELOSEBY	"X'40" BYPASS OSE BUILD
		..1.		JQESOMAR	"X'20" RQ FOR MAIN AND OUTSERV CHNS
38	(26)	BITSTRING	1	JQEFLG3	JQE Flag Three

Comment

 Definition of JQEFLG3.

End of Comment

		1...		JQEMSNCM	"X'80" C/I processing is complete for this job but main service is not complete
		.1..		JQERECLS	"X'40" WLM reclassification is required for this job
		..1.		JQERECIP	"X'20" WLM reclassification is in progress for this job
		...1		JQEDLYCK	"X'10" Delay checkpointing is required for this job
		.... 1...		JQENDOFF	"X'08" Reset DJ non-dumpable flags when this job ends.
		.... .1..		JQECIRES	"X'04" CI was interrupted and rescheduled
		.... ..1.		JQERF302	"X'02" Reserved flag
		.... ...1		JQERF301	"X'01" Reserved flag
39	(27)	BITSTRING	1	JQEE70CQ	Last queue signalled for ENF70. See ENF70_QUEUE in IAZENF70 for valid values
40	(28)	BITSTRING	1	JQEFL1	SAME AS JCTFL1
41	(29)	BITSTRING	1	JQEFL2	SAME AS JCTFL2
42	(2A)	BITSTRING	1	JQEUCT	USE COUNT FOR R/O USERS
43	(2B)	BITSTRING	1	JQEPRTY	JOB PRIORITY
44	(2C)	BITSTRING	1	JQESTAT1	SEDSPNO FOR CURNT/NXT S.E.
45	(2D)	BITSTRING	1	JQESTAT2	SEFLAGS FOR CURNT/NXT S.E.
46	(2E)	BITSTRING	1	JQECLS	GMS JOB CLASS SEQ
47	(2F)	BITSTRING	1	JQEGRP	GMS EXRESC GROUP SEQ
48	(30)	CHARACTER	8	JQEORG	JOB ORIGIN 22
56	(38)	CHARACTER	8	JQEUSID	OWNING USER ID D020
64	(40)	CHARACTER	8	JQETUSID	SUBMITTING TSO USERID 0618
72	(48)	CHARACTER	8	JQESCHCL	GMS JOB CLASS NAME
80	(50)	BITSTRING	1	JQESESEQ	CURRENT SE SEQUENCE NUMBER
81	(51)	BITSTRING	1	JQEQLG5	JQE WAIT QUEUE INDICATORS

Comment

 Definition of JQEQLG5.
 Note: IATGRJS, IATGRWJ, IATMFR5, IATMFS5, and IATUTDS must be updated if changes are made to JQEQLG5.

End of Comment

	1		JQEQRDY	"X'01" THIS JQE IS WAITING FOR JSS 0181 SE SCHEDULING OR ENDING FUNCTION PROCESSING; THE JQE IS ON THE JSSREADY JQE CHAIN ANCHORED IN IATGRJS.
--	--	-----------	--	---------	--

IATYJQE Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... ..1.		JQEQDSP	"X'02" THIS JQE IS WAITING FOR THE 0181 DSP TO BE RELEASED FROM HOLD OR WAITING BECAUSE OF THE DSP USE COUNT LIMIT; THE JQE IS ON THE DSPJQEWQ JQE CHAIN ANCHORED IN THE DSP DICT. ENTRY FOR THE DSP NUMBER IN FIELD JQESTAT1.
		.... ..11		JQEQRSQ	"X'03" THIS JQE IS WAITING FOR JSS 0181 SCHEDULING BECAUSE AN RQ WAS NOT AVAILABLE; THE JQE IS ON THE JSSRSQWT JQE CHAIN ANCHORED IN IATGRJS.
		.... ..1..		JQEQPLB	"X'04" THIS JQE IS WAITING FOR JSS 0181 SCHEDULING BECAUSE A REQUIRED PROCLIB IS UNAVAILABLE; THE JQE IS ON THE JSSPLBWT JQE CHAIN ANCHORED IN IATGRJS.
		.... ..1.1		JQEQMCG	"X'05" THIS JQE IS WAITING FOR JSS 0181 SCHEDULING BECAUSE A MAIN, CLASS, OR GROUP WAS NOT AVAILABLE; THE JQE IS ON THE JSSMCGWT JQE CHAIN ANCHORED IN IATGRJS.
		.... ..11.		JQEQTEMP	"X'06" THIS JQE CAME FROM THE C/I 0181 DSP BACKLOG BUT WASN'T 0818 SCHEDULED DUE TO BEING 0818 REJECTED BY A USER EXIT; 0818 IT WILL RESIDE ON THE 0818 JSSTMPWQ QUEUE IN IATGRJS 0818 UNTIL ALL USE COUNT POSTS 0818 HAVE BEEN PROCESSED. 0818 0818
		.... ..111		JQEQSMS	"X'07" THIS JQE IS WAITING FOR SMS 0181 RESOURCES TO BECOME AVAILABLE. THE JQE IS ON THE JSSSMSWT CHAIN ANCHORED IN IATGRJS.
		.... 1...		JQEQNMPL	"X'08" THIS JQE IS WAITING FOR A 0181 MAIN PROCESSOR TO BECOME 0181 AVAILABLE THAT CAN PERFORM 0181 THE LOCATE PROCESSING 0181 REQUIRED BY THE JOB. 0181 0181
		.... 1..1		JQEQDUPJ	"X'09" THIS JQE IS WAITING FOR JSS TO SCHEDULE IT TO MAIN BECAUSE THERE IS ANOTHER JOB WITH THE SAME NAME ALREADY THERE.
		.... 1.1.		JQEQCIJ	"X'0A" This JQE is waiting for 0082 JSAM buffer usage by C/I 0082 and POSTSCAN to drop to a 0082 reasonable level. The 0082 JQE is on the JSSCIJWQ 0082 chain anchored in IATGRJS.0082 0082
82	(52)	BITSTRING	1	JQESTATE	JQE Status Indicators 0082
Comment					
----- 0					
Definition of JQESTATE.					

End of Comment					
		1...		JQEQWAIT	"X'80" THIS JQE IS ON THE JQE QUEUE INDICATED BY THE OTHER FLAGS IN JQEQFLGS.
		..1.		JQEEFSCH	"X'40" THIS JQE IS AWAITING ENDING FUNCTION PROCESSING BY JSS.
		..1.		JQEEFSUS	"X'20" JSS SCHEDULING OF THE NEXT SE WAS SUSPENDED AFTER EF BECAUSE THE JQE/RQ WAS LOCKED
		...1		JQEJBUSY	"X'10" THE JCT FOR THIS JOB WAS IN USE BY ANOTHER FUNCTION WHEN JSS ATTEMPTED TO SCHEDULE OR PERFORM ENDING FUNCTION; PLACE THE JQE ON THE READY Q WHEN THE JCT IS RELEASED
		.... 1...		JQERQPAS	"X'08" THE CURRENT RQ IS TO BE USED FOR SCHEDULING OF THE NEXT SE (OUTSERV)
		.... ..1..		JQEDSPND	"X'04" THE DSP PENDING COUNT (DSPSCCT) WAS INCREMENTED FOR THIS JQE.
		.... ..1.		JQEERROR	"X'02" THIS JQE WAS BEING PROCESSED WHEN A JSS ERROR OCCURRED

Offsets					Description
Dec	Hex	Type/Value	Len	Name (Dim)	
		.... ...1		JQEJSSUS	"X'01" THIS JQE IS BEING PROCESSED BY JSS
83	(53)	BITSTRING	1	JQEFLRSV	RESERVED FOR DEVELOPMENT
84	(54)	SIGNED	4	JQETOD	TOD THAT THIS JQE WAS FIRST ADDED TO THE JOB QUEUE, FOR QUEUEING OF JQES BY AGE.
88	(58)	ADDRESS	4	JQEQNEXT	ADDRESS OF THE NEXT JQE ON THE JQE QUEUE INDICATED BY JQEQFLGS.
92	(5C)	ADDRESS	4	JQEQPREV	ADDRESS OF THE PREVIOUS JQE ON THE JQE QUEUE INDICATED BY JQEQFLGS.

Comment

End of Comment

96	(60)	ADDRESS	4	JQERCEAD	RQ CHAINED SRF EXT. ADDRESS
100	(64)	SIGNED	2	JQEJDSCT	NO. OF JDS BUFFERS FOR JOB
102	(66)	SIGNED	2	JQEJSTCT	NO. OF JST BUFFERS FOR JOB
104	(68)	SIGNED	4	JQEQTOD	TIME OF DAY THIS JQE WAS ADDED TO THE JSS QUEUE INDICATED BY JQEQFLGS
108	(6C)	SIGNED	4	JQEOSEC4	Number of OSE buffers for the job
112	(70)	BITSTRING	1	JQEBACKD	THE NUMBER OF THE DSP WHERE THIS JQE WAS QUEUED WHEN IT WAS MOVED FROM THE WAIT QUEUE TO THE READY QUEUE
113	(71)	BITSTRING	1	JQERSVS1	RESERVED FOR SERVICE
114	(72)	SIGNED	2	JQERSVU1	RESERVED FOR USER
116	(74)	ADDRESS	4	JQEXADDR	JQE Extension address or zero
120	(78)	SIGNED	4	JQEWSIMX	Current maximum WSI value for job's SYSOUT data - used to copy between RQs
124	(7C)	BITSTRING	4	JQETIMON	Time job entered JES3 (copy from JCTTIMON)
128	(80)	BITSTRING	4	JQEDATON	Date job entered JES3 (copy from JCTDATON)
132	(84)	SIGNED	4	JQERSVD1	Reserved for IBM
136	(88)	ADDRESS	8	JQEEUECH	64-bit address of EUE chain
144	(90)	SIGNED	4	JQEEND (0)	End of JQE
144	(90)	X'90'	0	JQESIZE	"JQEEND-JQESTART" Size of JQE

Offsets					Description
Dec	Hex	Type/Value	Len	Name (Dim)	
0	(0)	STRUCTURE	0	JQE2STRT	
0	(0)	SIGNED	4	JQE2JIX	Index into JQE3/JQE4 table
0	(0)	X'4'	0	JQE2END	***
0	(0)	X'4'	0	JQE2SIZE	"JQE2END-JQE2STRT" Length of JQE2

Offsets					Description
Dec	Hex	Type/Value	Len	Name (Dim)	
0	(0)	STRUCTURE	0	JQE3STRT	
0	(0)	CHARACTER	8	JQE3JNAM	THE JOB NAME
8	(8)	CHARACTER	8	JQE3JOWN	OWNER OF JOB
8	(8)	X'10'	0	JQE3END	***
8	(8)	X'10'	0	JQE3SIZE	"JQE3END-JQE3STRT" LENGTH OF JQE3

IATYJQE Cross Reference

IATYJQE Cross Reference

Name

JQEALLOC
JQEBACKD
JQEBELEF
JQECAT
JQECIRES

JQECLS
JQEDATON
JQEDEL
JQEDJBYP
JQEDJCOH

JQEDJHLD
JQEDLYCK
JQEDSEL
JQEDSPND
JQEDUPNM

JQEFSCH
JQEFSUS
JQEEND
JQEERROR
JQEEUECH

JQEE70CQ
JQEFDB
JQEFGL1
JQEFGL2
JQEFGL3

JQEFLRSV
JQEFL1
JQEFL2
JQEFREEZ
JQEFSS

JQEGRP
JQEBUSY
JQJDSCT
JQJNO
JQJSSUS

JQJSTCT
JQEMSG
JQEMSNCM
JQENDOFF
JQENEXT

JQENORD
JQEORG
JQESEBY
JQESEC4
JQEUSID

JQEPCNST
JQEPREV
JQEPRTY
JQECCIJ
JQEQDSP

JQEQUJ
JQEQLGS
JQEQMCG
JQEQNEXT
JQEQNMPL

Name

JQEQLB
JQEPPREV
JQEQRDY
JQEQRSQ
JQEQSMS

JQEQTMP
JQEQTOD
JQEQWAIT
JQERCEAD
JQERECIP

JQERECLS
JQERESQ
JQERF301
JQERF302
JQERQPAS

JQERSTFL
JQERSVD1
JQERSVS1
JQERSVU1
JQERWENQ

JQERWFCT
JQESBOWN
JQESCHCL
JQESCHEN
JQESESEQ

JQESIZE
JQESOMAR
JQESPHLD
JQESTART
JQESTATE

JQESTAT1
JQESTAT2
JQETIMON
JQETOD
JQETUSID

JQEUCT
JQEWSIMX
JQEXADDR
JQE2END
JQE2JIX

JQE2SIZE
JQE2STRT
JQE3END
JQE3JNAM
JQE3JOWN

JQE3SIZE
JQE3STRT

IATYJQEX Information

IATYJQEX Heading Information

Common Name: Job Queue Element Extension (JQEX)
Macro ID: IATYJQEX
DSECT Name: JQEX_START
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JQEX
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 0
Size: JQEX_SIZE bytes
Created by: IATGRJXS
Pointed to by: JQEXADDR in IATYJQE
Serialization: None
Function: This macro maps the Job Queue Element Extension (JQEX) that contains information from the job's JCT while it is in certain phases of JES3 processing.

IATYJQEX Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JQEX_START	, Job Queue Element Extension
0	(0)	CHARACTER	4	JQEX_ID	Control block id
Comment					

Definition of JQEX_FLAG1					

End of Comment					
4	(4)	BITSTRING	1	JQEX_FLAG1	JQEX flag one
		1...		JQEX_GETMAIN	"X'80" This JQEX was GETMAINed (instead of from the cellpool)
		.1..		JQEX_MAININF	"X'40" This JQEX contains information for use during main service
5	(5)	BITSTRING	3	JQEX_RSVD1	Reserved for IBM
8	(8)	SIGNED	4	JQEX_COMMEND	End of common information
		(0)			
Comment					
Information for use during main service.					
End of Comment					
8	(8)	SIGNED	4	JQEX_MAINMASK	Main eligibility mask
12	(C)	CHARACTER	8	JQEX_SRVCLASS	Service class name
20	(14)	SIGNED	4	JQEX_WLMTOKEN	WLM classification token

IATYJQEX Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

Delay times. The delay times from resource delay to operational delay correspond to the delay types in JQEX_DELAYTYP.					

End of Comment					
24	(18)	SIGNED	4	JQEX_CONVDLY	Total C/I delay
28	(1C)	BITSTRING	12	JQEX_DLYSTART (0)	Start of delays represented by JQEX_DELAYTYP
28	(1C)	SIGNED	4	JQEX_RESCDLY	Total resource delay
32	(20)	SIGNED	4	JQEX_JESSCDLY	Total JES scheduling delay
36	(24)	SIGNED	4	JQEX_OPERDLY	Total operational delay
40	(28)	SIGNED	4	JQEX_CURDLYTM	Current delay time stamp
Comment					

Definition of JQEX_DELAYTYP. Delay types are in order from least restrictive to most restrictive.					

End of Comment					
44	(2C)	BITSTRING	1	JQEX_DELAYTYP	Current delay type represented by time stamp in JQEX_CURDLYTM
44	(2C)	X'0'	0	JQEX_TYPNONE	"0" No delay
44	(2C)	X'1'	0	JQEX_TYPRESC	"1" Resource delay
44	(2C)	X'2'	0	JQEX_TYPJESSC	"2" JES scheduling delay
44	(2C)	X'3'	0	JQEX_TYOPER	"3" Operational delay
Comment					

The delay reason code is the condition that caused the delay type in JQEX_DELAYTYP to be set. It provides more detailed information about the delay type. The delay reason codes are defined in macro IATYRQJS and are the same as the RQJSTAT reason codes used when a job is bypassed during MDS or GMS processing.					

End of Comment					
45	(2D)	BITSTRING	1	JQEX_DELAYRSN	Delay reason
46	(2E)	BITSTRING	2	JQEX_RSVD2	Reserved for IBM
Comment					
End of JQEX.					
End of Comment					
48	(30)	DBL WORD	8	JQEX_END (0)	End of element
48	(30)	X'30'	0	JQEX_SIZE	"JQEX_END-JQEX_START" Size of element

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
Miscellaneous equates.					
End of Comment					
48	(30)	X'64'	0	JQEX_PRIMSIZE	"100" Number of JQEX's in the primary extent
48	(30)	X'64'	0	JQEX_SECNSIZE	"100" Number of JQEX's in each secondary extent

IATYJQEX Cross Reference

Name

- JQEX_COMMEND
- JQEX_CONVDLY
- JQEX_CURDLYTM

- JQEX_DELAYRSN

- JQEX_DELAYTYP

- JQEX_DLYSTART

- JQEX_END
- JQEX_FLAG1
- JQEX_GETMAIN
- JQEX_ID
- JQEX_JESSCDLY

- JQEX_MAININF
- JQEX_MAINMASK

- JQEX_OPERDLY
- JQEX_PRIMSIZE

- JQEX_RESCDLY
- JQEX_RSVD1
- JQEX_RSVD2
- JQEX_SECNSIZE

- JQEX_SIZE
- JQEX_SRVCLASS

- JQEX_START
- JQEX_TYPJESSC

- JQEX_TYPTNONE
- JQEX_TYPTOPER
- JQEX_TYTPRESC
- JQEX_WLMTOKEN

IATYJQX Information

IATYJQX Heading Information

Common Name: JCT ACCESS METHOD DATA AREA
Macro ID: IATYJQX
DSECT Name: None
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: JES3 NUCLEUS (IATGRJX)
 Subpool: JESPOOL
 Key: 1 (JESKEY)
 Residency: Any
Size: 408 Bytes
Created by: IATINJQ
Pointed to by: TVTJQX IN IATYTVT
Serialization: JCT ACCESS METHOD
Function: JCT Access Method Data Area

IATYJQX Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JQXSTART	
0	(0)	CHARACTER	4	JQXID	DIAGNOSTIC ID
4	(4)	ADDRESS	4	JQX0AD	ADDR JQE0
8	(8)	ADDRESS	4	JQX1AD	ADDR JQE1
12	(C)	ADDRESS	4	JQX2AD	ADDR JQE2
16	(10)	ADDRESS	4	JQX3AD	ADDR JQE3
20	(14)	ADDRESS	4	JQX4AD	ADDR JQE4
24	(18)	SIGNED	4	JQXJEND	END OF JQE4 TABLE
28	(1C)	SIGNED	4	JQXHINM	HI JOBNAME ADDR IN JQE3
32	(20)	SIGNED	4	JQXHIJQ	HI JQE ADDR IN JQE4

Comment

 JCT DATA SPACE INFORMATION.

End of Comment

36	(24)	ADDRESS	4	JQXPAGRL	JCT DATA SPACE PAGE RELEASE TABLE. INDICATES WHICH JCT DATA SPACE PAGES CONTAIN ALLOCATED JCT'S
40	(28)	SIGNED	4	JQXALET	ACCESS LIST ENTRY TOKEN (ALET) FOR THE JCT DATA SPACE
44	(2C)	BITSTRING	8	JQXSTOKN	SPACE TOKEN (STOKEN) FOR THE JCT DATA SPACE
52	(34)	ADDRESS	4	JQXJDSER	"V(JXJDSERR)" ADDRESS OF THE JCT DATA SPACE ERROR PROCESSING ROUTINE IN IATGRJX. THIS ROUTINE IS INVOKED WHEN AN ERROR OCCURS WHILE ACCESSING THE JCT DATA SPACE.
56	(38)	ADDRESS	4	JQXRDSRB	ADDRESS OF THE SRB USED TO ACCESS A JCT PAGE IN THE DATA SPACE WHEN THE PAGE IS NOT IN REAL STORAGE
60	(3C)	BITSTRING	1	JQXSRBLK	SRB LOCK BIT - TEST AND SET IS USED TO SERIALIZE THE USE OF THE SRB
61	(3D)	BITSTRING	3	JQXRSVD1	RESERVED FOR DEVELOPMENT

IATYJQX Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
64	(40)	SIGNED	4	JQXJCTAD	JCT DATA SPACE ADDRESS OF THE JCT THAT IS CURRENTLY BEING READ IN - USED BY THE JCT READ SRB ROUTINE TO ACCESS THE JCT IN THE DATA SPACE
68	(44)	ADDRESS	4	JQXBUFAD	JSAM BUFFER ADDRESS THAT WILL CONTAIN THE JCT FROM THE DATA SPACE - USED BY THE JCT READ SRB ROUTINE
72	(48)	SIGNED	4	JQXJDSOR	JCT DATA SPACE ORIGIN (SET BY DSPSERV WHEN CREATING THE DATA SPACE)
76	(4C)	SIGNED	4	JQXJDSEA	ENDING ADDRESS OF THE JCT DATA SPACE. USED IN CONJUNCTION WITH JQXJDSOR TO DUMP THE JCT DATA SPACE
80	(50)	SIGNED	4	JQXVRAEN (0)	END OF THE VRADATA PART OF THE JQX. THE JQX FROM JQXSTART TP JQXVRAEN IS MOVED TO THE VRA
80	(50)	X'50'	0	JQXVRALN	"*-JQXSTART" LENGTH OF JQX FOR VRADATA

Comment

JMF STATISTICS

End of Comment

80	(50)	SIGNED	4	JQXREAD	TOTAL JCT JESREADS
84	(54)	SIGNED	4	JQXWRITE	TOTAL JCT AWRITES
88	(58)	SIGNED	4	JQXJBADD	NUMBER OF JOBS ADDED TO THE JOB QUEUE (NUMBER OF IATXJCT TYPE=ADD REQUESTS)
92	(5C)	SIGNED	4	JQXJBDEL	NUMBER OF JOBS DELETED FROM THE JOB QUEUE (NUMBER OF IATXJCT TYPE=DEL REQUESTS)
96	(60)	SIGNED	4	JQXRDINS	FOR JCT READ REQUESTS, THE NUMBER OF TIMES THE PAGE IN THE JCT DATA SPACE WAS IN REAL STORAGE
100	(64)	SIGNED	4	JQXRDNIS	FOR JCT READ REQUESTS, THE NUMBER OF TIMES THE PAGE IN THE JCT DATA SPACE WAS --NOT-- IN REAL STORAGE
104	(68)	SIGNED	4	JQXWTINS	FOR JCT WRITE REQUESTS, THE NUMBER OF TIMES THE PAGE IN THE JCT DATA SPACE WAS IN REAL STORAGE
108	(6C)	SIGNED	4	JQXWTNIS	FOR JCT WRITE REQUESTS, THE NUMBER OF TIMES THE PAGE IN THE JCT DATA SPACE WAS --NOT-- IN REAL STORAGE
112	(70)	SIGNED	4	JQXPGSIU	NUMBER OF JCT DATA SPACE PAGES IN USE
116	(74)	SIGNED	4	JQXJQ4PG	NUMBER OF JQE4 PAGES IN USE
120	(78)	SIGNED	4	JQXPGSRL	NUMBER OF JCT DATA SPACE PAGES RELEASED SO FAR

Comment

End of Comment

124	(7C)	BITSTRING	6	JQXSPADR	M.R FOR JCT ADD (WARM/HOT)
130	(82)	SIGNED	2	JQXFXSZ	Length of fixed section of JCT entry based on JCT data set record length: JQXMXSZ - SRF_prefix_size - size_of_SE_array
132	(84)	SIGNED	4	JQXWCT	WRITE ITERATION COUNT
136	(88)	SIGNED	4	JQXJMAX	Total number of JCT records in the JCT data set
140	(8C)	SIGNED	4	JQXCNT	Total bytes needed by the JQE1 table
144	(90)	ADDRESS	4	JQXCURNT	Number of JQEs in use
148	(94)	ADDRESS	4	JQXHW	High watermark JQE total
152	(98)	SIGNED	2	JQXMXSZ	JCT + SE'S + SRF PREFIX SIZE
154	(9A)	BITSTRING	1	JQXRSVDD	RESERVED FOR DEVELOPMENT

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
FLAGS					
End of Comment					
155	(9B)	BITSTRING	1	JQXFLG1	JQE/JCT CONTROL FLAG 1
Comment					
----- DEFINITION OF BITS IN JQXFLG1 -----					
End of Comment					
		1...		JQXINIT	"X'80" JQE/JCT INIT COMPLETE
		.1..		JQXJDSSEN	"X'40" THE JCT DATA SPACE IS ENABLED
		..1.		JQXJDMIS	"X'20" JCT DATA SPACE DISABLE MESSAGES HAVE BEEN ISSUED
156	(9C)	BITSTRING	1	JQXFLG2	JQE/JCT CONTROL FLAG 2
Comment					
----- DEFINITION OF BITS IN JQXFLG2 -----					
End of Comment					
157	(9D)	BITSTRING	1	JQXFLG3	JQE/JCT CONTROL FLAG 3
Comment					
----- DEFINITION OF BITS IN JQXFLG3 -----					
End of Comment					
160	(A0)	SIGNED	4	JQXRESVS	RESERVED FOR SERVICE
164	(A4)	SIGNED	4	JQXRESVD	RESERVED FOR DEVELOPMENT
168	(A8)	SIGNED	4	JQXRESV4 (2)	RESERVED FOR USER
Comment					
----- PRIORITY LEVEL ACCESS CONTROL FIELDS -----					
End of Comment					
176	(B0)	SIGNED	4	JQXPHEAD (16)	First job PRTY 0-15
240	(F0)	SIGNED	4	JQXPTAIL (16)	Last job PRTY 0-15
304	(130)	ADDRESS	4	JQXPSEHD (16)	JQE priority scan element queue headers. There is one queue header for each priority. It contains a pointer to the first JQE priority scan element which represents an FCT scanning the JQE priority.
368	(170)	ADDRESS	4	JQXPSEFR	Address of first JQE priority scan element on the free queue
372	(174)	ADDRESS	4	JQXPENQ	"V(GRJXPENQ)" IATXPENQ (Priority ENQ) quick check routine address in IATGRJX
376	(178)	ADDRESS	4	JQXPENQ2	"V(GRJXPENQ2)" IATXPENQ (Priority ENQ) AENQ routine address in IATGRJX
380	(17C)	ADDRESS	4	JQXPDEQ	"V(GRJXPDEQ)" IATXPDEQ (Priority DEQ) routine address in IATGRJX
384	(180)	ADDRESS	4	JQXSRCVS	"V(JQSRCHSV)" IATXJQE search function router routine address in IATGRJQS

IATYJQX Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
388	(184)	ADDRESS	4	JQXJXSRV	"V(JQEXSERV)" IATXJQEX router routine address in IATGRJXS
392	(188)	ADDRESS	4	JQXJXCPB	JQEX cellpool block address
396	(18C)	SIGNED	4	JQXRSVD2 (26)	Reserved for IBM
500	(1F4)	BITSTRING	1	JQXRSVD3 (14)	Reserved for IBM
514	(202)	SIGNED	2	JQXSECNT	Scheduler Element count

Comment

 JQXPSTAT

TO ADDRESS FLAG BYTES FOR A SPECIFIC PRIORITY:
 ASSUME R1=PRIORITY, R2=ADDRESS OF JQXPSTAT
 MH R1,=H'4' PRTY ENTRY SIZE
 AR R2,R1 ADDR PRTY STATUS WORD
 USING JQXPSTAT,R2 BASE FOR PRTY STATUS WORD
 ACCESS JQXPFL0-3 AS REQUIRED
 DROP R2 RESET

 End of Comment

516	(204)	SIGNED	4	JQXPSTAT (0)	PRTY STATUS (1 FLWD/PRTY)
516	(204)	BITSTRING	1	JQXPFL0	PRIORITY STATUS

Comment

 DEFINITION OF BITS IN JQXPFL0

 End of Comment

		1... ..		JQXPFL0	"X'80" PRTY IS HELD
		...1 ..		JQXPFL1	"X'10" PRIORITY RELEASED FROM HOLD
517	(205)	BITSTRING	1	JQXPFL1	RESERVED FOR SERVICE
518	(206)	BITSTRING	1	JQXPFL2	RESERVED FOR DEVELOPMENT
519	(207)	BITSTRING	1	JQXPFL3	RESERVED FOR USER
516	(204)	SIGNED	4	(16)	PRTY CONTROL WORDS
516	(204)	X'244'	0	JQXEND	*** END OF JQX

Comment

 VARIABLE LENGTH CONTROL BLOCK STORAGE IS GETMAINED IN PAGES
 ADDITIONAL BYTES FOR ALIGNMENT MAY MAKE THE STORAGE SIZE
 SLIGHTLY LARGER THAN INDICATED BY INDIVIDUAL CONTROL BLOCK
 REQUIREMENT AS CALCULATED BY THE NUMBER OF ENTRIES.
 Sizes of individual table entries are defined in IATINJQ,
 which is also responsible for obtaining the tables and
 storing table addresses in IATYJQX.

JQE0 (PAGE RELEASE TABLE - 1 HALFWORD PER ALLOC PAGE)

 JQE1 (JQE ALLOCATION TABLE - 1 BIT PER JOB NUMBER)

JQE2 (Job number table - 4 bytes per job number)

 JQE3 (JOB NAME TABLE - 2 DOUBLEWORDS PER JOB NUMBER)

JQE4 (JQE ENTRY TABLE - 88 BYTES PER JOB NUMBER)

 End of Comment

IATYJQX Cross Reference**Name**

JQXALET
JQXBUFAD
JQXCNT
JQXCURNT
JQXEND

JQXFLG1
JQXFLG2
JQXFLG3
JQXFXSZ
JQXHIJQ

JQXHINM
JQXHW
JQXID
JQXINIT
JQXJBADD

JQXJBDEL
JQXJCTAD
JQXJDMIS
JQXJDSEA
JQXJDSER
JQXJDSOR
JQXJEND
JQXJMAX
JQXJQ4PG

JQXJXCPB
JQXJXSRV
JQXMXSZ
JQXPAGRL
JQXPDEQ

JQXPENQ
JQXPENQ2
JQXPFL0
JQXPFL1
JQXPFL2

JQXPFL3
JQXPFSIU
JQXPFSRL
JQXPHEAD
JQXPHOLD

JQXPRELH
JQXPSEFR
JQXPSEHD
JQXPSTAT
JQXPSTAIL

JQXRDINS
JQXRDNIS
JQXRDSRB
JQXREAD
JQXRESVD

JQXRESVS
JQXRESV4
JQXRSVDD
JQXRSVD1
JQXRSVD2

IATYJQX Cross Reference

Name

JQXRSVD3
JQXSECNT
JQXSPADR
JQXSRBLK
JQXSRCVS

JQXSTART
JQXSTOKN
JQXVRAEN
JQXVRALN
JQXWCT

JQXWRITE
JQXWTINS
JQXWTNIS
JQX0AD
JQX1AD

JQX2AD
JQX3AD
JQX4AD

IATYJSE Information

IATYJSE Heading Information

Common Name: DJC Job Summary Element
Macro ID: IATYJSE
DSECT Name: JSESTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JSH
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: JSESUBPL (subpool 8)
 Auxiliary Storage: N/A
 Subpool: JSESUBPL (subpool 8)
 Key: 1
 Residency: ANY
Size: 24 BYTES
Created by: IATDCNC - NCBTAAD routine
 IATINST - STT Initialization
Pointed to by: JNJSEBUF in IATYJNT
 JNJSECHN in IATYJNT
 JSEHNEXT in IATYJSE
 JSENEXT in IATYJSE
Serialization: NONE
Function: This macro is used to map the in-storage DJC Job Summary Buffers and Elements (JSEs). Each JSE buffer consists of multiple JSE entries. Each JSE entry contains summary information about a particular job in a DJC network.

IATYJSE Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JSEHSTRT	, DJC Job Summary Buffer Header
0	(0)	CHARACTER	4	JSEHID	Control Block Id
4	(4)	ADDRESS	4	JSEHNEXT	Address of next JSE buffer on the chain. This is a LIFO queue since we will only reference the JSE buffer header when we need to obtain a new JSE entry
8	(8)	SIGNED	4	JSEHTSIZ	Total size of this JSE buffer.
12	(C)	SIGNED	4	JSEHEND (0)	End of DJC Job Summary Buffer Header
12	(C)	X'C'	0	JSEHSIZE	"JSEHEND-JSEHSTRT" Size of DJC Job Summary Buffer Header
12	(C)	X'8'	0	JSESUBPL	"8" Subpool used for JSE buffer pools

Comment

 JSECOUNT is used to determine the number of JSE entries that will appear in a JSE buffer. The number of JSE entries in a buffer is computed as:
 JSECOUNT JSE buffer number
 The number of JSE entries per buffer will increase as the number of JSE buffers increases. When we reach ten JSE buffers, subsequent buffers will have JSEBFMAX JSE entries. This allows us to slowly increase the amount of storage needed for the JSEs as the size of the DJC net increases.

End of Comment

12	(C)	X'A'	0	JSECOUNT	"10" JSE entry count multiplier
12	(C)	X'64'	0	JSEBFMAX	"100" Maximum number of JSE entries per buffer

IATYJSE Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JSESTART	, DJC Job Summary Element
0	(0)	CHARACTER	4	JSEID	Control Block Id
4	(4)	ADDRESS	4	JSENEXT	Address of next JSE on the chain

Comment

The following information duplicates the information that is kept in the NCB out on spool. This information is duplicated in-storage in order to avoid having to read the NCB.

End of Comment

8	(8)	CHARACTER	8	JSEJOBNM	Job name
16	(10)	SIGNED	4	JSEJOBNO	Binary job number
20	(14)	BITSTRING	1	JSEFLAG1	JSE Flag One

Comment

 Definition of JSEFLAG1

End of Comment

		1... ..		JSERF180	"X'80" Reserved flag
		.1.. ..		JSERF140	"X'40" Reserved flag
		..1.		JSERF120	"X'20" Reserved flag
		...1		JSERF110	"X'10" Reserved flag
		.... 1...		JSERF108	"X'08" Reserved flag
		.... .1..		JSERF104	"X'04" Reserved flag
		.... ..1.		JSERF102	"X'02" Reserved flag
		.... ...1		JSERF101	"X'01" Reserved flag
21	(15)	BITSTRING	1	JSEFLAG2	JSE Flag Two

Comment

 Definition of JSEFLAG2

End of Comment

		1... ..		JSERF280	"X'80" Reserved flag
		.1.. ..		JSERF240	"X'40" Reserved flag
		..1.		JSERF220	"X'20" Reserved flag
		...1		JSERF210	"X'10" Reserved flag
		.... 1...		JSERF208	"X'08" Reserved flag
		.... .1..		JSERF204	"X'04" Reserved flag
		.... ..1.		JSERF202	"X'02" Reserved flag
		.... ...1		JSERF201	"X'01" Reserved flag

Comment

The following fields are contained only in storage (i.e. they do not exist in the NCB).

End of Comment

22	(16)	SIGNED	2	JSENCBNO	The NCB buffer number of the NCB that contains the checkpointed information for this DJC job.
24	(18)	SIGNED	4	JSEEND (0)	End of DJC Job Summary Element
24	(18)	X'18'	0	JSESIZE	"JSEEND-JSESTART" Size of DJC Job Summary Element

IATYJSE Cross Reference**Name**

JSEBFMAX
JSECOUNT
JSEEND
JSEFLAG1
JSEFLAG2

JSEHEND
JSEHID
JSEHNEXT
JSEHSIZE
JSEHSTRT

JSEHTSIZ
JSEID
JSEJOBNM
JSEJOBNO
JSENCBNO

JSENEXT
JSERF101
JSERF102
JSERF104
JSERF108

JSERF110
JSERF120
JSERF140
JSERF180
JSERF201

JSERF202
JSERF204
JSERF208
JSERF210
JSERF220

JSERF240
JSERF280
JSESIZE
JSESTART
JSESUBPL

IATYJSQ Information

IATYJSQ Heading Information

Common Name: Job Select Queue Element
Macro ID: IATYJSQ
DSECT Name: JSQSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JSQ
 Offset: 8
 Length: 4
Storage Attributes: Main Storage: IATCNSV - JESPOOL,
 IATMSMC - JESPOOL,
 IATSIEM - Subpool 230,
 IATSIJS - Subpool 230,
 Within S.A. - Subpool 230
 Auxiliary Storage: N/A
 Key: JESKEY
 Residency: Any (Below for IATSIJS)
Size: JSQEND-JSQSTART
Created by: IATSIJS, IATSIEM and IATCNSV
Pointed to by: - Data portion of a staging area
 - Imbedded within the JSA
Serialization: None
Function: Contains MVS/GMS job processing characteristics (job select,job termination,job requeue,etc.)
 Fields marked "In" are filled in by IATSIJS and sent to the global; fields marked "Out" are filled in by the global and returned to IATSIJS.

IATYJSQ Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	RABTKGRP	
Comment					

RECORD ALLOCATION BLOCK LOGICAL TRACK GROUP ENTRY					

End of Comment					
0	(0)	SIGNED	2	RABRECCT	COUNT OF RECORDS THIS T.G.
2	(2)	BITSTRING	0	RABSPADR (0)	M.R OF LOGICAL TRACK GROUP
2	(2)	BITSTRING	2	RABSPMOD	M.R - EXTENT NUMBER
4	(4)	BITSTRING	1	RABSPREC	M.R - SPOOL RECORD NUMBER
4	(4)	X'8'	0	RABTGEND	*** END OF TRACK GROUP
4	(4)	X'8'	0	RABTGSIZ	"RABTGEND-RABTKGRP" SIZE OF ONE TRK GRP
Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	RABSTART	

IATYJSQ Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Comment					
----- USAM RECORD ALLOCATION BLOCK -----					
----- End of Comment					
0	(0)	CHARACTER	4	RABID	RAB DATA AREA IDENTIFIER
4	(4)	BITSTRING	1	RABFLAG1	RAB FLAG BYTE ONE
----- Comment					
----- DEFINITION OF RABFLAG1 -----					
----- End of Comment					
		1... ..		RABNAV	"X'80" NO RECORDS AVAILABLE
		.1.. ..		RABDSTRY	"X'40" RAB HAS BEEN DESTROYED (XRABD)
		..1.		RABCLOSE	"X'20" RAB HAS BEEN CLOSED (THIS FLAG IS A FOOTPRINT ONLY)
		...1		RABRERAP	"X'10" RAB REFRESH REQUESTED BY- 0074 IATXRABP ROUTINE 0074
		.... 1..		RABDABND	"X'08" RAB DESTROY ABEND OCCURRED
		.... .1..		RABDJBTR	"X'04" A JBT HAS BEEN READ
5	(5)	BITSTRING	1	RABTRKG1	NO. TRKGRPS AVAIL (RABTGRPS)
6	(6)	BITSTRING	1	RABTRKG2	TRKGRPS SECONDARY ALLOC COUNT
7	(7)	BITSTRING	1	RABRSVD1	RESERVED FOR DEVELOPMENT
8	(8)	BITSTRING	6	RABTATAD	M.R OF JOB OR DS TAT
14	(E)	SIGNED	2	RABSPNDX	SPOOL PARTITION INDEX
16	(10)	SIGNED	4	RABGMMAIN	SAVE AREA FOR GETMAINED STORE
		1... ..		RABRRERE	"X'80" HIGH ORDER BIT OF RABGMMAIN 0 - RRE OK 1 - RRE NOT AVAILABLE
20	(14)	SIGNED	4	RABPOSTQ	DSS'S WAITING FOR RECORDS
24	(18)	SIGNED	4	RABVALID	RECORD VALIDATION FIELD
28	(1C)	SIGNED	4	RABRRECB	ECB FOR RAB REFRESH.
		.1..		RABPPOST	"X'40" POST FLAG FOR RABRRECB
----- Comment					
----- RAB TRACK GROUP ENTRIES -----					
----- End of Comment					
32	(20)	BITSTRING	0	RABALLGP (0)	RAB TRACK GROUP ENTRY AREA
32	(20)	BITSTRING	8	RABACTGP	ACTIVE TRACK GROUP ENTRY
40	(28)	BITSTRING	1	RABTGRPS (9)	AVAILABLE TRACK GROUP ENTRIES
40	(28)	X'70'	0	RABEND	*** END OF RAB
40	(28)	X'70'	0	RABSIZE	"RABEND-RABSTART" SIZE OF RAB
----- Comment					
IATYFDB FILE DESCRIPTION BLOCK THE FDB HAS BEEN PREVIOUSLY GENERATED IATYEQU JES3 STANDARD EQUATES JES3 STANDARD EQUATES					
01 Change Activity: \$TA= z2.1.0 HJS7790 110523 PD0PK: z 2.1.0					
----- GENERAL EQUATES -----					
----- End of Comment					

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
40	(28)	X'0'	0	NOP	"0" NO OPERATION	
40	(28)	X'F'	0	ALWAYS	"15" Unconditional branch 0084	
		1111 1111		FF	"X'FF'" ALL BITS ON	
40	(28)	X'F0'	0	CHARZERO	"C'0'" CHARACTER ZERO	
40	(28)	X'F9'	0	CHARNINE	"C'9'" CHARACTER NINE	
40	(28)	X'C1'	0	CHARA	"C'A'" CHARACTER A	
40	(28)	X'C6'	0	CHARF	"C'F'" CHARACTER F	
40	(28)	X'6B'	0	CHARCMMMA	"C','" CHARACTER COMMA	

Comment

AFTER COMPARE INSTRUCTIONS

End of Comment

40	(28)	X'2'	0	GT	"2" A HIGH
40	(28)	X'4'	0	LT	"4" A LOW
40	(28)	X'7'	0	NE	"7" A NOT EQUAL B
40	(28)	X'8'	0	EQ	"8" A EQUAL B
40	(28)	X'B'	0	GE	"11" A NOT LOW
40	(28)	X'D'	0	LE	"13" A NOT HIGH

Comment

AFTER LOGICAL INSTRUCTIONS

End of Comment

40	(28)	X'1'	0	NZNBORROW	"1" Not zero, no borrow
40	(28)	X'1'	0	NZCARRY	"1" Not zero, carry
40	(28)	X'4'	0	NZBORROW	"4" Not zero, borrow
40	(28)	X'4'	0	NZNCARRY	"4" Not zero, no carry
40	(28)	X'5'	0	LNZERO	"5" Not zero
40	(28)	X'2'	0	ZNBORROW	"2" Zero, no borrow
40	(28)	X'2'	0	ZCARRY	"2" Zero, carry
40	(28)	X'8'	0	ZBORROW	"8" Zero, borrow
40	(28)	X'8'	0	ZNCARRY	"8" Zero, no carry
40	(28)	X'A'	0	LZERO	"10" Zero
40	(28)	X'C'	0	BORROW	"12" Borrow
40	(28)	X'3'	0	NOBORROW	"3" No borrow
40	(28)	X'3'	0	CARRY	"3" Carry
40	(28)	X'C'	0	NOCARRY	"12" No carry

Comment

AFTER ARITHMETIC INSTRUCTIONS

End of Comment

40	(28)	X'1'	0	OV	"1" OVERFLOW
40	(28)	X'2'	0	PLUS	"2" PLUS
40	(28)	X'4'	0	MINUS	"4" MINUS
40	(28)	X'7'	0	NZERO	"7" NOT ZERO
40	(28)	X'8'	0	ZERO	"8" ZERO
40	(28)	X'8'	0	ZEROS	"8" ZERO
40	(28)	X'B'	0	NMINUS	"11" NOT MINUS
40	(28)	X'E'	0	NOV	"14" NOT OVERFLOW
40	(28)	X'D'	0	NPLUS	"13" NOT PLUS

IATYJSQ Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- AFTER TEST UNDER MASK INSTRUCTIONS -----					
End of Comment					
40	(28)	X'1'	0	ALLON	"1" ALL ON
40	(28)	X'4'	0	MIXED	"4" MIXED
40	(28)	X'5'	0	NALLOFF	"5" ALLON+MIXED
40	(28)	X'8'	0	ALLOFF	"8" ALL OFF
40	(28)	X'C'	0	NALLON	"12" ALLOFF+MIXED
Comment					
----- AFTER TEST AND SET INSTRUCTION -----					
End of Comment					
40	(28)	X'4'	0	LOCKED	"4" ONE I.E. LOCKED
40	(28)	X'8'	0	UNLOCKED	"8" ZERO I.E. UNLOCKED
Comment					
----- AFTER LOAD REAL ADDRESS INSTRUCTION. -----					
End of Comment					
40	(28)	X'8'	0	INREAL	"8" PAGE IS IN REAL STORAGE
40	(28)	X'7'	0	NOTIREAL	"7" PAGE NOT IN REAL STORAGE
40	(28)	X'4'	0	SEGTBINV	"4" SEGMENT TABLE ENTRY INVALID
40	(28)	X'2'	0	PAGTBINV	"2" PAGE TABLE ENTRY INVALID
40	(28)	X'1'	0	LENTHINV	"1" LENGTH INVALID
Comment					
----- AFTER TEST PROTECTION INSTRUCTION. -----					
End of Comment					
40	(28)	X'E'	0	NTRANSNA	"14" NOT Translation not available
40	(28)	X'D'	0	NNOACCESS	"13" NOT (Fetching not permitted; Storing not permitted)
40	(28)	X'B'	0	NPAGPRTD	"11" NOT (Fetching permitted; Storing not permitted)
40	(28)	X'8'	0	ALLACC	"8" Fetching permitted; Storing permitted
40	(28)	X'7'	0	NALLACC	"7" NOT (Fetching permitted; Storing permitted)
40	(28)	X'4'	0	PAGPRTD	"4" Fetching permitted; Storing not permitted
40	(28)	X'2'	0	NOACCESS	"2" Fetching not permitted; Storing not permitted
40	(28)	X'1'	0	TRANSNA	"1" Translation not available
Comment					
----- SYMBOLS USED FOR ACCESS REGISTER MODE -----					
End of Comment					
40	(28)	X'200'	0	ARMODON	"512" TURN ACCESS REGISTER MODE ON
40	(28)	X'0'	0	ARMODOFF	"0" TURN ACCESS REGISTER MODE OFF

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

Data Space Related Equates					

End of Comment					
		.... ..		DSPCMXSZ	"X'80000000" Maximum data space size (2 Gigabytes)
Comment					

JES3 SYSTEM LIMITS					

End of Comment					
40	(28)	X'20'	0	J3MAXMP	"32" MAXIMUM NUMBER OF MAIN PROCESSORS IN A SINGLE JES3 COMPLEX
Comment					
TRACE TABLE SIZES ARE SPECIFIED IN BYTES					
End of Comment					
40	(28)	X'21000'	0	J3TRCSZ	"135168" SIZE OF EVENT TRACE TABLE
40	(28)	BITSTRING	0	J3NUCTRC	"X'30000" Size of Nuc path trace table
40	(28)	X'F018'	0	J3AUXTRC	"61464" SIZE OF AUX PATH TRACE TABLE
40	(28)	X'3FF'	0	J3TRCMAX	"1023" MAXIMUM SIZE OF USER DATA IN A TRACE ENTRY, IN WORDS
40	(28)	X'F423F'	0	MAXIMUM_JOB_NUMBER_ALLOWED	"999999" This is the largest job number allowed in the system.
40	(28)	X'FFFE'	0	MAXIMUM_COMPATIBLE_JOB	"65534" This is the largest job number containable in two bytes and therefore fallback-compatible with a release not supporting job numbers greater than 65534.
40	(28)	X'FFFF'	0	ACTIVE_LIMIT	"65535" This is the largest number of JES managed or WLM managed jobs that can be concurrently active on a single main.
40	(28)	X'7FFF'	0	MAXIMUM_JOBS_IN_DJC_NET	"32767" This is the maximum number of jobs that a single DJC net can contain.
40	(28)	BITSTRING	0	MAX_OSE_SEQ	"X'7FFFFFFF" Maximum OSE sequence number
40	(28)	BITSTRING	0	MAX_SRF_SEQ	"X'FFFF" Maximum value of SRFCNT after OW55574. This is also the maximum OSE sequence number before the introduction of the OSECNT4 field in HJS7740, 07369SZA or when compatibility 07369SZA with older releases is 07369SZA being enforced. 07369SZA
40	(28)	BITSTRING	0	MAX_OSE_SEQ_DYNAL	"X'7FFFFFF80" Maximum value of OSECNT4 for which new SYSOUT data sets may be dynamically allocated. If a dynamic allocation is attempted when a job has OSE sequence numbers greater than this value, an abend S1FB-6E is issued.
40	(28)	BITSTRING	0	MAX_OSE_OLD_DYNAL	"X'FFF0" Maximum OSE sequence number 07369SZA for new dynamic alloca- 07369SZA tions when compatibility 07369SZA with older releases is 07369SZA being enforced. 07369SZA

IATYJSQ Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

The following equates are all used for decisions and actions related to job limits, but specifically are used for different purposes.					

End of Comment					
40	(28)	BITSTRING	0	MAXIMUM_JOB_NUMBER_MASK	"X'FFFF'" This mask is used to clear the high order bytes from a word after placing a compatible job number into the low order bytes using an ICM with a mask of B'0011'.
40	(28)	X'FFFF'	0	SPECIAL_JOB_XFFFF	"65535" As a compatible job number, indicates that the job number lives in a four byte field.
40	(28)	X'F423F'	0	UNLIMITED_DSP_COUNT	"999999" As a DSP count this value indicates an "unlimited" count.
40	(28)	BITSTRING	0	UNLIMITED_JOB_COUNT	"X'FFFFFFFF'" As a job count this value indicates an "unlimited" count such as a display count on certain commands with N=ALL.
40	(28)	X'FFFF'	0	UNLIMITED_JOB_COUNT2	"65535" Same as UNLIMITED_JOB_COUNT except that it is for fields that must remain 2 bytes.
40	(28)	X'10'	0	JOB_NUMBER_SHIFT	"16" To load a compatible job number into the low order bytes of a fullword and clear the other bytes, it is possible to ICM the job number with a mask of B'1100' and then shift it to the right using this equate. This must be done instead of clearing the target register before the ICM in cases where the target register is also a base address; e.g.: ICM R2,B'1100',xxx(R2).
Comment					

SYMBOLS USED TO SET OR CLEAR A HIGH ORDER BIT					

End of Comment					
40	(28)	..... BITSTRING	0	EQUHOBON EQUHOBOf	"X'80000000" HIGH ORDER BIT ON "X'7FFFFFFF" HIGH ORDER BIT OFF
Comment					

SYMBOLS USED FOR SECURITY					

End of Comment					
40	(28)	X'50'	0	SECTKNLN	"80" CURRENT LENGTH OF SECURITY TOKEN
40	(28)	X'50'	0	TKNMAPLN	"80" CURRENT LENGTH OF THE MAPPED TOKEN RETURNED FROM TOKNMAP
40	(28)	X'F0'	0	SAFMSGSP	"240" SUBPOOL USED FOR MESSAGES 0063 RETURNED BY SAF AND USER EXITS 58 + 59
40	(28)	X'F0'	0	SAFEXTSP	"240" SUBPOOL USED FOR RETURNING EXTRACTED INFORMATION FROM THE SECURITY PRODUCT

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
Comment					

Subpool shared between the IATINTK and IATNUC tasks. Storage that needs to be obtained by one task and freed by the other task should be obtained in this subpool. Subpool zero cannot be used since subpool zero is not shared between these tasks.					

End of Comment					
40	(28)	X'9'	0	INTK_SHARED_SUBPOOL	"9" Shared subpool

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
Comment					

Functional equates for the PLO instruction.					

End of Comment					
40	(28)	X'0'	0	PLO_CL	"0" Compare and Load, 32 bit
40	(28)	X'1'	0	PLO_CLG	"1" Same, 64 bit
40	(28)	X'2'	0	PLO_CLGR	"2" Same, 64 bit, some operands in registers
40	(28)	X'3'	0	PLO_CLX	"3" Same, 128 bit
40	(28)	X'4'	0	PLO_CS	"4" Compare and Swap, 32 bit
40	(28)	X'5'	0	PLO_CSG	"5" Same, 64 bit
40	(28)	X'6'	0	PLO_CSGR	"6" Same, 64 bit, some operands in registers
40	(28)	X'7'	0	PLO_CSX	"7" Same, 128 bit
40	(28)	X'8'	0	PLO_DCS	"8" Double Compare and Swap, 32 bit
40	(28)	X'9'	0	PLO_DCSG	"9" Same, 64 bit
40	(28)	X'A'	0	PLO_DCSGR	"10" Same, 64 bit, some operands in registers
40	(28)	X'B'	0	PLO_DCSX	"11" Same, 128 bit
40	(28)	X'C'	0	PLO_CSST	"12" Compare and Swap and Store, 32 bit
40	(28)	X'D'	0	PLO_CSSTG	"13" Same, 64 bit
40	(28)	X'E'	0	PLO_CSSTGR	"14" Same, 64 bit, some operands in registers
40	(28)	X'F'	0	PLO_CSSTX	"15" Same, 128 bit
40	(28)	X'10'	0	PLO_CSDST	"16" Compare and Swap and Double Store, 32 bit
40	(28)	X'11'	0	PLO_CSDSTG	"17" Same, 64 bit
40	(28)	X'12'	0	PLO_CSDSTGR	"18" Same, 64 bit, some operands in registers
40	(28)	X'13'	0	PLO_CSDSTX	"19" Same, 128 bit
40	(28)	X'14'	0	PLO_CSTST	"20" Compare and Swap and Triple Store, 32 bit
40	(28)	X'15'	0	PLO_CSTSTG	"21" Same, 64 bit
40	(28)	X'16'	0	PLO_CSTSTGR	"22" Same, 64 bit, some operands in registers
40	(28)	X'17'	0	PLO_CSTSTX	"23" Same, 128 bit

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JMRXENT	Revert to control section 16108TAA in effect prior to 16108TAA the invocation of other 16108TAA mapping macros 16108TAA

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JSQSTART	

IATYJSQ Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

NOTE: FIELDS JSQLNG AND JSQMPD MUST REMAIN AT THEIR RESPECTIVE OFFSETS FOR SSI PROCESSING.					

End of Comment					
0	(0)	SIGNED	2	JSQLNG	LENGTH OF JSQ
2	(2)	BITSTRING	1	JSQRSV1	Reserved
Comment					

Definition of JSQVER and version constants that are used to fill in both JSQVER and JSQOVER.					

End of Comment					
3	(3)	BITSTRING	1	JSQVER	In Version number
3	(3)	X'0'	0	JSQIVER	"0" Initial version number
3	(3)	X'1'	0	JSQVER01	"1" Version number for HJS6606
3	(3)	X'2'	0	JSQVER02	"2" Version number starting at HJS6608
3	(3)	X'3'	0	JSQVER03	"3" Version number starting at HJS7703
3	(3)	X'4'	0	JSQVER04	"4" Version number for HJS7705
3	(3)	X'5'	0	JSQVER05	"5" Version number for HJS7790
3	(3)	X'5'	0	JSQCVER	"JSQVER05" Current version number
4	(4)	SIGNED	4	JSQMPD	ADDR ASSOCIATED MPD
8	(8)	CHARACTER	4	JSQID	- ID FOR VALIDITY CHK
12	(C)	SIGNED	4	JSQJSA	ADDR ASSOCIATED JSA 0260
16	(10)	BITSTRING	1	JSQFLG1	- JSQ POST
Comment					

DEFINITION OF BITS IN JSQFLG1 (JSQ POST)					

End of Comment					
		1... ..		JSQDSEL	"X'80" - DEMAND SELECT
		.1.. ..		JSQNSL	"X'40" - NORMAL SELECT
		..1.		JSQEOT	"X'20" - END OF TASK
		...1		JSQEOJ	"X'10" - END OF JOB
		.... 1..		JSQEOM	"X'08" - END OF MEMORY
		.... .1..		JSQJREQ	"X'04" - JOB REQUEUE
		.... ..1.		JSQSICF	"X'02" S INIT CMD FAIL
		.... ...1		JSQTJSEL	"X'01" EOM B4 SELECT RESPONSE RCVD
17	(11)	BITSTRING	1	JSQFLG2	- GMS FLAG
Comment					

DEFINITION OF BITS IN JSQFLG2					

End of Comment					
		1... ..		JSQSELC	"X'80" THIS JSQ IN ERROR
		.1.. ..		JSQJERR	"X'40" - ERROR ON JOB INIT
		..1.		JSQPINIT	"X'20" - STOP THIS INIT
		...1		JSQDJOB	"X'10" - THIS IS A DEMAND SELECTED JOB
		.... 1..		JSQJRNL	"X'08" - THIS JOB REQUIRES JOURNAL
		.... .1..		JSQRJPB	"X'04" THIS IS AN RJP JOB
		.... ..1.		JSQRESP	"X'02" - RESPOND TO ACK
		.... ...1		JSQJINIT	"X'01" THIS IS A JES3 INITIATOR

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
18	(12)	BITSTRING	1	JSQFLG3	- GMS FLAG
----- Comment -----					
----- DEFINITION OF BITS IN JSQFLG3 -----					
----- End of Comment -----					
		1... ..		JSQSTAP	"X'80" - PURGE THIS JSQ
		.1.. ..		JSQINCR	"X'40" - INCREMENT GMS COUNTERS
		..1. ..		JSQCIGMS	"X'20" - JOB CANCL OR RESTART IN GMS
		...1 ..		JSQFLUSH	"X'10" - JOB FLUSHED OFF MAIN
		.... 1..		JSQITERM	"X'08" UNSOLICITED INIT TERM
		.... .1.		JSQJRST	"X'04" JOB WAS JES3 RESTARTED ON MAIN
		.... ..1		JSQOPF	"X'02" WTO FOR START CMD FAIL
		.... ...1		JSQGERR	"X'01" CURRENT JSQ AT TIME OF ABEND
19	(13)	BITSTRING	1	JSQFLG4	- JOB REQUEUE FLAG
----- Comment -----					
----- DEFINITION OF BITS IN JSQFLG4 (JOB REQUEUE) -----					
----- End of Comment -----					
		1... ..		JSQSR	"X'80" - STEP RESTART
		.1.. ..		JSQCR	"X'40" - CHECKPOINT RESTART
		..1. ..		JSQCN	"X'20" - CONTINUE RESTART
		...1 ..		JSQJH	"X'10" - PUT JOB IN HOLD
		.... 1..		JSQWARM	"X'08" - WARMSTART JOB
20	(14)	BITSTRING	1	JSQFLG5	- 0368
----- Comment -----					
----- DEFINITION OF BITS IN JSQFLG5 0 -----					
----- End of Comment -----					
		1... ..		JSQUSRJB	"X'80" - UNDEFINED USER FROM RACF 0368
		.1.. ..		JSQNOJLG	"X'40" JESMSGLOG logging suppressed
		..1. ..		JSQWLMIN	"X'20" In This is a WLM managed initiator
		...1 ..		JSQDMBAT	"X'10" In/Out Demand batch (result of the *F,J=xxxx,RUN command)
		.... 1..		JSQLRL10	"X'08" Locates done on JES3 R10 or up (SMS Unit Aff SSI supported)
		.... .1.		JSQNETSV	"X'04" In This is a NETSERV
		.... ..1		JSQF5R02	"X'02" Reserved for IBM
		.... ...1		JSQF5R01	"X'01" Reserved for IBM
21	(15)	BITSTRING	1	JSQFLG6	Flag byte 6
----- Comment -----					
----- DEFINITION OF BITS IN JSQFLG6 -----					
----- End of Comment -----					
		1... ..		JSQJFAL	"X'80" JOB FAILED INDICATOR
		.1.. ..		JSQCFAL	"X'40" JOB FAILED-CONDITIONS CODES
		..1. ..		JSQABND	"X'20" JOB ABENDED (JCTABEND=ON)
		...1 ..		JSQDESEL	"X'10" In Deselect request

IATYJSQ Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... 1...		JSQRSPDS	"X'08" Out This JSQ is a response to an original job select that was overridden by a deselect and should be ignored
		.... .1..		JSQEOMRQ	"X'04" - Requeue entered for pre- mature end of memory
		.... ..1.		JSQF6R02	"X'02" Reserved for IBM
		.... ...1		JSQF6R01	"X'01" Reserved for IBM
22	(16)	BITSTRING	1	JSQJDF1	- EQ JDABFLG1
23	(17)	BITSTRING	1	JSQJDF2	- EQ JDABFLG2
24	(18)	BITSTRING	1	JSQJDF3	- EQ JDABFLG3
		.... 1...		JSQVRFY	"X'08" EQ JDABVRFY - PASSWORD VERIFICATION NOT REQUIRED
		.... .1..		JSQENCP	"X'04" PASSWORD IN ENCRYPTED FORM
25	(19)	BITSTRING	1	JSQJDF4	- EQ JDABFLG4
26	(1A)	BITSTRING	1	JSQLIMF	EQ JDABLIMF

Comment

 THE DEFINITIONS OF THE FSS TYPES ARE IN IATYFSS.

End of Comment

27	(1B)	BITSTRING	1	JSQFSTYP	TYPE OF FUNCTIONAL SUBSYSTEM
28	(1C)	CHARACTER	8	JSQINIT	In Initiator task name; this value is also the job class group name or the NETSERV name
36	(24)	CHARACTER	8	JSQJNAME	Out Job name
44	(2C)	BITSTRING	8	JSQJDVT	- JDVT NAME
52	(34)	SIGNED	2	JSQSTMT	- LAST OUTPUT STMT NR
54	(36)	SIGNED	2	JSQWARNI	- WARNING INCRE PERCENTAGES CARDS, LINES, BYTES, PAGES
56	(38)	SIGNED	2	JSQSTEP	- JOB STEP (JOB REQUEUE)
58	(3A)	BITSTRING	1	JSQNSTEP	NO. OF STEPS IN THIS JOB
59	(3B)	BITSTRING	1	JSQFLG7	FLAG 7

Comment

 DEFINITION OF BITS IN JSQFLG7

End of Comment

		1...		JSQJSAB	"X'80" JSAB WAS CREATED
		.1..		JSQAPPC	"X'40" REQUEST FOR APPC INITIATOR
60	(3C)	BITSTRING	1	JSQFLG8	FLAG 8

Comment

 DEFINITION OF BITS IN JSQFLG8

End of Comment

		1...		JSQTINIT	"X'80" JES3 SHOULD RESTART THIS INITIATOR BEING TERMINATED BY THE SYSTEM
		.1..		JSQARMI	"X'40" Notify ARM of job term
		..1.		JSQRF820	"X'20" RESERVED FLAG
		...1		JSQRF810	"X'10" RESERVED FLAG
		.... 1...		JSQRF808	"X'08" RESERVED FLAG
		.... .1..		JSQRF804	"X'04" RESERVED FLAG
		.... ..1.		JSQRF802	"X'02" RESERVED FLAG
		.... ...1		JSQRF801	"X'01" RESERVED FLAG
61	(3D)	ADDRESS	1	JSQOVER	Out Output version
62	(3E)	SIGNED	2	JSQRSVD1	RESERVED FOR DEVELOPMENT
64	(40)	SIGNED	4	JSQJCC	- JOB COMPLETION CODE
68	(44)	SIGNED	4	JSQACTL	- ACTUAL LINE COUNT

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
68	(44)	X'44'	0	JSQLNCD5	"JSQACTL,16" - LINES/CARDS ACTUALS/MAX
72	(48)	SIGNED	4	JSQACTC	- ACTUAL CARD COUNT
76	(4C)	SIGNED	4	JSQMAXL	- MAXIMUM LINE COUNT
80	(50)	SIGNED	4	JSQMAXC	- MAXIMUM CARD COUNT
84	(54)	SIGNED	4	JSQACTB	ACTUAL BYTE COUNT
84	(54)	X'54'	0	JSQBYPGS	"JSQACTB,16" BYTES/PAGES ACTUALS/MAX
88	(58)	SIGNED	4	JSQACTP	ACTUAL PAGE COUNT
92	(5C)	SIGNED	4	JSQMAXB	MAXIMUM BYTE COUNT
96	(60)	SIGNED	4	JSQMAXP	MAXIMUM PAGE COUNT
100	(64)	BITSTRING	8	JSQJBID	JES3 JOBID
108	(6C)	SIGNED	4	JSQCIERR	CI ERROR CODE (SAME AS RQCIERR) 4
112	(70)	BITSTRING	6	JSQSTRAC	- SPOOL ADDRESS FOR JESYSMSG
118	(76)	BITSTRING	6	JSQJTRAC	- SPOOL ADDRESS FOR JOURNAL
124	(7C)	BITSTRING	6	JSQBTRAC	- SPOOL ADDRESS FOR JCBLOCK
130	(82)	BITSTRING	1	JSQTRKG1	PRIMARY TRKGRP ALLOCATION
131	(83)	BITSTRING	1	JSQTRKG2	SECONDARY TRKGRP ALLOCATION
132	(84)	BITSTRING	6	JSQTTTRAC	M.R OF FIRST JST
138	(8A)	BITSTRING	112	JSQRAB	RECORD ALLOC BLOCK 2
250	(FA)	BITSTRING	9	JSQCPWD (0)	CURRENT LENGTH/PASSWORD
250	(FA)	BITSTRING	1	JSQCPLN	CURRENT PASSWORD LENGTH
251	(FB)	BITSTRING	8	JSQCPAS	CURRENT PASSWORD
259	(103)	BITSTRING	9	JSQNPWD (0)	NEW LENGTH/PASSWORD
259	(103)	BITSTRING	1	JSQNPLN	NEW PASSWORD LENGTH
260	(104)	BITSTRING	8	JSQNPAS	NEW PASSWORD

Comment

 JSQSNAME and JSQCLPC get their values during the SSI part of job termination processing. These values will be put into JMRSNAME and JMRSCLPC during main service job termination processing. They will then become part of MSGIAT6108.

End of Comment

250	(FA)	CHARACTER	8	JSQSNAME	The name of the failing job step if a PROC was not called. Otherwise, the name of the job step that called the failing PROC.
258	(102)	CHARACTER	8	JSQSCLPC	If a PROC was called, the name of the failing PROC step. Otherwise, blanks.
268	(10C)	CHARACTER	8	JSQCLASS	JES3 CLASS

Comment

 The JSQJMR field has been replaced by JSQJMR1 as of HJS7790. For compatibility reasons, it is not yet being retired. The JSQ may get sent to another main at HJS7780 (or prior), and it will continue to reference JSQJMR. Eventually, when the lowest JES3 level of HJS7780 is out of service, the JSQJMR can then be retired. In the meantime, JES3 must use the JSQ version (JSQVER05) to determine whether to reference JSQJMR or JSQJMR1.

End of Comment

276	(114)	BITSTRING	1	JSQJMR	JOB MGMT RECORD used until JSQVER05
276	(114)	X'124'	0	JSQNJMR	"JSQJMR+JMRCPUID-JMRDATA,JMRRDR-JMRCPUID" Embedded CPU SID/MDL in JMR
276	(114)	X'14B'	0	JSQNJVR	"JSQJMR+JMRVERSN-JMRDATA,JMRSYSOC-JMRVERSN" Embedded JMR version #
332	(14C)	CHARACTER	8	JSQRACU	PROPAGATED USERID
340	(154)	CHARACTER	8	JSQRACG	PROPAGATED GROUPID

IATYJSQ Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
348	(15C)	SIGNED	4	JSQSYSCT	SYMSMSG LINE COUNT
352	(160)	BITSTRING	80	JSQTOKEN	TOKEN
432	(1B0)	CHARACTER	8	JSQNODE	NODE
440	(1B8)	SIGNED	4	JSQDSCNT	DATA SET COUNT

Comment

```

IATYCNDDB_1;;
START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  5647-A01 COPYRIGHT IBM CORP. 1989, 2010
  STATUS= HJS7770
  END_OF_PROPRIETARY_STATEMENT
  This data area is maintained as a CASE mapping macro.
  Changes should be made to the CASE source and then
  the PLX and Assembler should be regenerated.
  Do NOT make changes to the PLX or Assembler directly!
01 Descriptive Name: Console Destination Block
  Acronym: CNDB
01 Macro Name: IATYCNDDB
01 DSECT Name: IATYCNDDB
  --based variable for storage mapping
01 Component: JES3 (SC1BA)
01 Function:
02 The console destination block is a control block that
  contains information related to the destination that
  messages should be sent to. This control block is built
  as commands are entered into to the system and is used by
  command processors as a destination for where to return
  messages to. The control block is imbedded in other
  control blocks and the size of the data area must not
  change (otherwise a JES3 cold start is required). The
  data is referenced by non-source maintained modules, so
  offsets into the data area must not change.
01 Eye-Catcher: CNDBEYE
02 Offset: 4
02 Length: 4
01 Language: PL/X
01 Storage Attributes:
02 Allocation Method: Imbedded within other control blocks
02 Main Storage: 94
02 Virtual Storage: 94
02 Auxiliary Storage: 94
02 Subpool: n/a
02 Key: 1
02 Data Space: N/A
02 Residency: any
02 Frequency: n/a
02 Size: 94
02 Created by: n/a
02 Deleted by: n/a
02 Pointed to by: Imbedded within other control blocks
02 Serialization: none
01 EXTERNAL CLASSIFICATION: DMTI
01 END OF EXTERNAL CLASSIFICATION:
01 Method Of access:
02 ASM: IATYCNDDB
02 PLX: %INCLUDE SYSLIB(IATYCNDDB)
01 CHANGE ACTIVITY:
  $QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support
  $RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init

```

Offsets

Dec	Hex	Type/Value	Len	Name (Dim)	Description
\$T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0					
CASE/390 - VERSION 49					
END OF SPECIFICATIONS					
%					
End of Comment					
444	(1BC)	SIGNED	4	JSQCNDDB (0)	IATYCNDDB.27: based variable for storage mapping
444	(1BC)	SIGNED	4		Four byte console id 0176
448	(1C0)	CHARACTER	4		IATYCNDDB eyecatcher
452	(1C4)	ADDRESS	4		IATYCNDDB version
456	(1C8)	BITSTRING	8		Reserved for development
464	(1D0)	BITSTRING	8		Console Name 0176
472	(1D8)	BITSTRING	24		Reserved for development
496	(1F0)	SIGNED	2		Reserved for development
498	(1F2)	BITSTRING	40		Reserved for development
538	(21A)	SIGNED	2	JSQASID	Job's ASID
540	(21C)	CHARACTER	8	JSQJTOK (0)	Job token for ARM
540	(21C)	BITSTRING	8	JSQITOD	Job input or main service arrival time stamp

Comment

 JSQ maximum completion code information, by design, matches the mapping in the network job trailer. Consult NJE Formats and Protocols before adding a new type.

End of Comment					
548	(224)	BITSTRING	4	JSQMAXRC (0)	--+ Maximum Job Return Code
548	(224)	BITSTRING	1	JSQMXIND	| Job completion indicator
549	(225)	BITSTRING	3	JSQMAXCC	--+ Completion code

Comment

 The following information is present at HJS6608 and higher (JSQOVER>=2).

End of Comment					
552	(228)	SIGNED	4	JSQWISEQ	In Sequence number of a WLM initiator, for an explanation see SVTWISEQ

Comment

 The following information is present at HJS6606 and higher (JSQOVER>=1).

End of Comment					
556	(22C)	CHARACTER	16	JSQSCHEN	Out Scheduling environment

Comment

 The following information is present at HJS6608 and higher (JSQOVER>=2).

End of Comment

IATYJSQ Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
572	(23C)	CHARACTER	8	JSQSRVCL	In/Out Service class When selection is called by a WLM managed initiator this field contains the service class. It is updated by IATMSMS to contain the service class of the job as determined during classification even if the initiator is JES managed.
580	(244)	CHARACTER	8	JSQNETNM	Out DJC net name
588	(24C)	SIGNED	4	JSQWLMCT	Out WLM classification token
----- Comment -----					
The following information is present at HJS7703 and higher (JSQOVER>=3). -----					
----- End of Comment -----					
592	(250)	BITSTRING	4	JSQSRMTK	Out WLM supplied SRM token
----- Comment -----					
The following information is present at HJS6608 and higher (JSQOVER>=2). -----					
----- End of Comment -----					
596	(254)	SIGNED	4	JSQRHLD	Out Duration job was ineligible due to being held. ** Note ** This is not the duration the job was in a JES3 hold. It is the sum of operational delay and JES scheduling delay. The terminology "held" is used here as it is used by WLM.
600	(258)	SIGNED	4	JSQRRSC	Out Duration job was ineligible for selection due to unsatisfied resource requirements
604	(25C)	SIGNED	4	JSQRTOC	Out Duration job was in CI
608	(260)	ADDRESS	1	JSQPRTY	Out Job priority used for classification
609	(261)	BITSTRING	1	JSQOFLG1	Out Flags
		1...		JSQSRVCH	"X'80" Service class for job was changed
		.1..		JSQSJBRQ	"X'40" Selected job was requeued for execution
		..1.		JSQO1R20	"X'20" Reserved for IBM
		...1		JSQO1R10	"X'10" Reserved for IBM
		.... 1...		JSQO1R08	"X'08" Reserved for IBM
		.... .1..		JSQO1R04	"X'04" Reserved for IBM
		.... .1.		JSQO1R02	"X'02" Reserved for IBM
		.... ...1		JSQO1R01	"X'01" Reserved for IBM
610	(262)	BITSTRING	22	JSQRSVD2	Reserved for IBM
----- Comment -----					
The following fields are present at HJS7705 and 0 higher (JSQOVER>=4). -----					
----- End of Comment -----					
632	(278)	BITSTRING	8	JSQMTRAC	- Spool address for JESMSG
640	(280)	SIGNED	4	JSQJMLCT	JESMSGGLG line count
644	(284)	SIGNED	4	JSQJMBCT	JESMSGGLG byte count
648	(288)	SIGNED	4	JSQSMBCT	JESYSMSG byte count
652	(28C)	SIGNED	4	JSQMJDNS	JESMSGGLG JDS NOTE information
656	(290)	SIGNED	4	JSQSJDSN	JESYSMSG JDS NOTE information
660	(294)	SIGNED	4	JSQSPVLU	JESMSGGLG & JESYSMSG spinoff value (see JSQSPFLG)
664	(298)	BITSTRING	1	JSQSPFLG	JESMSGGLG & JESYSMSG spinoff flag byte

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				

Definition of JSQSPFLG					
NOTE: Flag JSQSPFLG must be defined identical to MEMSPFLG and RQSPFLG.					

End of Comment					
		1... ..		JSQSPIN	"X'80" Job is eligible to SPINOFF JESMSG LG and JESYSMSG ds
		.1.. ..		JSQSTIMI	"X'40" SPINOFF by time interval (in seconds)
		..1.		JSQSTIMD	"X'20" SPINOFF by TOD (in sec)
		...1		JSQSLINE	"X'10" SPINOFF by line interval
		.... 1..		JSQNOSPN	"X'08" NOSPIN specified
		.... .1..		JSQSUPRS	"X'04" SUPPRESS specified
		.... ..1.		JSQSPF02	"X'02" Reserved for IBM
		.... ...1		JSQSPF01	"X'01" Reserved for IBM
665	(299)	BITSTRING	3	JSQRSVD3	Reserved for IBM
668	(29C)	BITSTRING	112	JSQJMRAB	JESMSG LG Record Alloc Block
780	(30C)	BITSTRING	112	JSQSMRAB	JESYSMSG Record Alloc Block
892	(37C)	BITSTRING	24	JSQRSVD4	Reserved for IBM
916	(394)	BITSTRING	1	JSQJMR1	Job Management Record, area added at HJS77790 (JSQVER05)
916	(394)	X'3A4'	0	JSQNJMR1	"JSQJMR1+JMRCPUID-JMRDATA,JMRRDR-JMRCPUID"
916	(394)	X'3CB'	0	JSQNJVR1	Embedded CPU SID/MDL in JMR "JSQJMR1+JMRVERSN-JMRDATA,JMRSYSOC-JMRVERSN"
916	(394)	X'428'	0	JSQEND	Embedded JMR version # ***

IATYJSQ Cross Reference

Name

ACTIVE_LIMIT
 ALLACC
 ALLOFF
 ALLON
 ALWAYS
 ARMODOFF
 ARMODON
 BORROW
 CARRY
 CHARA
 CHARCMMA
 CHARF
 CHARNINE
 CHARZERO
 DSPCMXSZ
 EQ
 EQUHOBOf
 EQUHOBON
 FF
 GE
 GT
 INREAL
 INTK_SHARED_SUBPOOL
 JMRXENT

IATYJSQ Cross Reference

Name

JOB_NUMBER_SHIFT

JSQABND

JSQACTB

JSQACTC

JSQACTL

JSQACTP

JSQAPPC

JSQARM1

JSQASID

JSQBTRAC

JSQBYPGS

JSQCFAL

JSQCIERR

JSQCIGMS

JSQCLASS

JSQCN

JSQCNDB

JSQCPAS

JSQCPLN

JSQCPWD

JSQCR

JSQCVER

JSQDESEL

JSQDJOB

JSQDMBAT

JSQDSCNT

JSQDSEL

JSQENCP

JSQEND

JSQEOJ

JSQEOM

JSQEOMRQ

JSQEOT

JSQFLG1

JSQFLG2

JSQFLG3

JSQFLG4

JSQFLG5

JSQFLG6

JSQFLG7

JSQFLG8

JSQFLUSH

JSQFSTYP

JSQF5R01

JSQF5R02

JSQF6R01

JSQF6R02

JSQGERR

JSQID

JSQINCR

JSQINIT

JSQITERM

JSQITOD

JSQIVER

JSQJBID

JSQJCC

JSQJDF1

JSQJDF2

JSQJDF3

Name

JSQJDF4
JSQJDVT
JSQJERR
JSQJFAL
JSQJH

JSQJINIT
JSQJMBCT
JSQJMLCT
JSQJMR
JSQJMRAB

JSQJMR1
JSQJNAME
JSQJREQ
JSQJRNL
JSQJRST

JSQJSA
JSQJSAB
JSQJTOK
JSQJTRAC
JSQLIMF

JSQLNCDS
JSQLNG
JSQLRL10
JSQMAXB
JSQMAXC

JSQMAXCC
JSQMAXL
JSQMAXP
JSQMAXRC
JSQMJDSN

JSQMPC
JSQMTRAC
JSQMXIND
JSQNETNM
JSQNETSV

JSQNJMR
JSQNJMR1
JSQNJVR
JSQNJVR1
JSQNODE

JSQNOJLG
JSQNOSPN
JSQNPAS
JSQNPLN
JSQNPWD

JSQNSEL
JSQNSTEP
JSQOFLG1
JSQOPF
JSQOVER

JSQO1R01
JSQO1R02
JSQO1R04
JSQO1R08
JSQO1R10

JSQO1R20
JSQPINIT
JSQPRTY
JSQRAB
JSQRACG

IATYJSQ Cross Reference

Name

JSQRACU
JSQRESP
JSQRF801
JSQRF802
JSQRF804

JSQRF808
JSQRF810
JSQRF820
JSQRHLD
JSQRJPJB

JSQRRSC
JSQRSPDS
JSQRSVD1
JSQRSVD2
JSQRSVD3

JSQRSVD4
JSQRSV1
JSQRTOC
JSQSCHEN
JSQSCLPC

JSQSELC
JSQSICF
JSQSJBRQ
JSQSJDSN
JSQSLINE

JSQSMBCT
JSQSMRAB
JSQSNAME
JSQSPFLG
JSQSPF01

JSQSPF02
JSQSPIN
JSQSPVLU
JSQSR
JSQSRMTK

JSQSRVCH
JSQSRVCL
JSQSTAP
JSQSTART
JSQSTEP

JSQSTIMD
JSQSTIMI
JSQSTMT
JSQSTRAC
JSQSUPRS

JSQSYSCT
JSQTINIT
JSQTJSEL
JSQTOKEN
JSQTRKG1

JSQTRKG2
JSQTTRAC
JSQUSRJB
JSQVER
JSQVER01

JSQVER02
JSQVER03
JSQVER04
JSQVER05
JSQVERFY

Name

JSQWARM
 JSQWARNI
 JSQWISEQ
 JSQWLMCT
 JSQWLMIN

 J3AUXTRC
 J3MAXMP
 J3NUCTRC
 J3TRCMAX
 J3TRCSZ

 LE
 LENTHINV
 LNZERO
 LOCKED
 LT

 LZERO
 MAX_OSE_OLD_DYNAL

 MAX_OSE_SEQ
 MAX_OSE_SEQ_DYNAL

 MAX_SRF_SEQ
 MAXIMUM_COMPATIBLE_JOB

 MAXIMUM_JOB_NUMBER_ALLOWED

 MAXIMUM_JOB_NUMBER_MASK

 MAXIMUM_JOBS_IN_DJC_NET

 MINUS
 MIXED
 NALLACC
 NALLOFF
 NALLON

 NE
 NMINUS
 NNOACCESS
 NOACCESS
 NOBORROW

 NOCARRY
 NOP
 NOTIREAL
 NOV
 NPAGPRTD

 NPLUS
 NTRANSNA
 NZBORROW
 NZCARRY
 NZERO

 NZNBOROW
 NZNCARRY
 OV
 PAGPRTD
 PAGTBINV

 PLO_CL
 PLO_CLG
 PLO_CLGR
 PLO_CLX
 PLO_CS

IATYJSQ Cross Reference

Name

PLO_CSDST
PLO_CSDSTG
PLO_CSDSTGR
PLO_CSDSTX
PLO_CSG

PLO_CSGR
PLO_CSST
PLO_CSSTG
PLO_CSSTGR
PLO_CSSTX

PLO_CSTST
PLO_CSTSTG
PLO_CSTSTGR
PLO_CSTSTX
PLO_CSX

PLO_DCS
PLO_DCSG
PLO_DCGR
PLO_DCSX
PLUS

RABACTGP
RABALLGP
RABCLOSE
RABDABND
RABDJBTR

RABDSTRY
RABEND
RABFLAG1
RABGMAIN
RABID

RABNAV
RABPOSTQ
RABPOST
RABRECCT
RABRERAP

RABRRECB
RABRRERE
RABRSVD1
RABSIZE
RABSPADR

RABSPMOD
RABSPNDX
RABSPREC
RABSTART
RABTATAD

RABTGEND
RABTGRPS
RABTGSIZ
RABTKGRP
RABTRKG1

RABTRKG2
RABVALID
SAFEXTSP
SAFMSGSP
SECTKNLN

SEGTBINV
SPECIAL_JOB_XFFFF

TKNMAPLN
TRANSNA

Name

UNLIMITED_DSP_COUNT

UNLIMITED_JOB_COUNT

UNLIMITED_JOB_COUNT2

UNLOCKED

ZBORROW

ZCARRY

ZERO

ZEROS

ZNBORROW

ZNCARRY

IATYJST Information

IATYJST Programming Interface information

Programming Interface information

IATYJST

End of Programming Interface information

Heading Information • IATYJST Map

IATYJST Heading Information

Common Name: JOB SUMMARY TABLE
Macro ID: IATYJST
DSECT Name: JSTSTART, JSTENTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JST (JSTSTART)
 Offset: 8
 Length: 4
Storage Attributes: Main Storage: JSAM and USAM Buffers
 Auxiliary Storage: JES3 SPOOL
Size: JSTSTART - JSTFSIZ
 JSTENTRY - JSTVSIZ
Created by: IATIIP1

 IATIIDY (DYNAMIC ALLOCATION)

 IATIIP0 (CATALOG JST)

 IATISJB (SKELETON FIRST BUFFER)

 IATMDMO (MDS MOUNT JOBS)

 IATMDSB (DEVICE FENCE JOBS)
Pointed to by: RQJSTFDB in IATYRSQ
 JCTSUFDB in IATYJCT
Serialization: None
Function: DESCRIBES JOB UNIT, VOLUME, AND DATA SET REQUIREMENTS

IATYJST Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JSTSTART	
0	(0)	BITSTRING	6	JSTTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	JSTCNT	USER COUNT.
8	(8)	CHARACTER	4	JSTID	FILE ID.
12	(C)	BITSTRING	12	JSTCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	JSTVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	JSTDATA (0)	START OF USER DATA AREA.
28	(1C)	CHARACTER	8	JSTJBNAM	JOB NAME
36	(24)	CHARACTER	8	JSTMPNAM	NAME OF MAIN WHERE JOB SETUP
44	(2C)	SIGNED	4	JSTMAINF	JOB ELIGIBILITY AFTER FETCH
48	(30)	SIGNED	4	JSTMAINV	JOB ELIGIBILITY AFTER VERIFY
52	(34)	SIGNED	4	JSTVUMPC	CURRENT HOST ALLOCATION MASK
56	(38)	SIGNED	2	JSTDYCNT	NO. OF DYNAMIC ALLOC REQSTS
Comment					
JST25SMF MUST HAVE 2,4 ALIGNMENT					
End of Comment					
58	(3A)	SIGNED	2	JST25SMF (0)	START OF MDS SMF TYP 25 DATA
58	(3A)	BITSTRING	1	JST25FG1	JST25FG1 SMF FLAG 1 OF 2
		1... ..		JST25DYA	"X'80" DYNAMIC ALLOCATION JST
		.1.. ..		JST25CAT	"X'40" CATALOG ALLOCATION JST
		..1.		JST25ATO	"X'20" AUTO ALLOC TIME JST FETCHED
59	(3B)	BITSTRING	1	JST25FG2	JST25FG2 SMF FLAG 2 OF 2
60	(3C)	BITSTRING	4	JST25NTF	NUMBER OF TAPES FETCHED
64	(40)	BITSTRING	4	JST25NDF	NUMBER OF DISK VOLUMES FETCH
68	(44)	BITSTRING	4	JST25FST	TOD FETCH START
72	(48)	BITSTRING	4	JST25FSD	DATE FETCH START
76	(4C)	BITSTRING	4	JST25SST	TOD *S,S ISSUED (0 IF AL=A)
80	(50)	BITSTRING	4	JST25SSD	DATE *S,S ISSUED (0 IF AL=A)
84	(54)	BITSTRING	4	JST25NTM	NUMBER OF TAPES MOUNTED
88	(58)	BITSTRING	4	JST25NDM	NMBR OF DISK VOLUMES MOUNTED

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
92	(5C)	BITSTRING	4	JST25NMV	NUMBER OF MSS VOLUMES REQ'D
96	(60)	BITSTRING	4	JST25MST	TOD FIRST MOUNT MSG ISSUED
100	(64)	BITSTRING	4	JST25MSD	DATE FIRST MOUNT MSG ISSUED
104	(68)	BITSTRING	4	JST25VVT	TOD JOB VERIFIED
108	(6C)	BITSTRING	4	JST25VVD	DATE JOB VERIFIED
108	(6C)	X'70'	0	JST25END	*** END OF MDS SMF DATA
112	(70)	BITSTRING	0	JST25SIZ (0)	SIZE OF MDS SMF DATA
112	(70)	BITSTRING	12	JSTPARM	FDB OF PARAMETER BUFFER 1
124	(7C)	BITSTRING	12	JSTCATFD	CATALOG SETUP FDB 1
136	(88)	BITSTRING	12	JSTJVTFD	JVT FDB
148	(94)	BITSTRING	12	JSTTRSV1	0633
160	(A0)	BITSTRING	1	JSTIDD	INTERPRETER LIFE OF WORK FDB
160	(A0)	X'A0'	0	JSTFNCJB	"JSTIDD,4" 4-byte device fence job number; overlays JSTIDD for device fence jobs only
172	(AC)	BITSTRING	12	JSTDCHN	1ST DJST CHECKPOINT ANCHOR. COPIED TO RYDYJFDB FOR USE DURING THE FIRST FASTPATH DYNAMIC ALLOCATION REQUEST. ALSO REFERENCE JSTPDJST.
184	(B8)	SIGNED	2	JSTFIXL	SIZE OF JST SUM HDR FIXED
186	(BA)	SIGNED	2	JSTHSTN	HIGH STEP NO. IN THIS BUFFER
188	(BC)	SIGNED	2	JST1STP	REL. NMBR OF 1ST STEP ENTRY
190	(BE)	SIGNED	2	JSTLOWE	LOW ENTRY NUMBER 2
192	(C0)	SIGNED	2	JSTHIGHE	HIGH ENTRY NUMBER
192	(C0)	X'C0'	0	JSTFNCJC	"JSTHIGHE,2" Compatible with JSTFNCJB - see IATXJBNO macro; overlays JSHIHE for device fence jobs only
194	(C2)	BITSTRING	1	JSTMAIN	ID OF MAIN WHERE JOB SETUP
195	(C3)	BITSTRING	1	JSTHFLG1	JSTHFLG1 JST HEADER FLAG1
		1... ..		JSTFETCH	"X'80" FETCH PROCESSING COMPLETE
		.1.		JSTALLOC	"X'40" IF ALLOC=M, START SETUP DONE
		..1.		JSTMOUNT	"X'20" MOUNT MSGS HAVE BEEN ISSUED
		...1		JSTVRFYD	"X'10" VERIFY PROCESSING COMPLETE
		.... 1...		JSTBRKDN	"X'08" SETUP PROCESSING COMPLETE
		.... .1..		JSTRH104	"X'04" RESERVED FLAG
		.... ..1.		JSTRH102	"X'02" RESERVED FLAG
		.... ...1		JSTRH101	"X'01" RESERVED FLAG
196	(C4)	BITSTRING	1	JSTHFLG2	JSTHFLG2 JST HEADER FLAG2
		1... ..		JSTMSSRF	"X'80" JOB REFERENCES MSS VUA'S
		.1.		JSTHINCL	"X'40" JOB INCL IN MDS DPTH CT
		..1.		JSTDYACT	"X'20" ACTIVE DYNALLOC IN THIS JST
		...1		JSTMSSIN	"X'10" JOB CONTAINS 'INVISIBLE' MSVGP REFERENCES
		.... 1...		JSTPDJST	"X'08" DJST IS EMPTY(PREALLOCATED) DJST TRACK GROUPS HAVE BEEN ALLOCATED BY INPUT SERVICE (JSTDCHN) BUT THE DJST HAS NOT BEEN INITIALIZED.
		.... .1..		JSTJRSMS	"X'04" JOB REQUIRES SMS RESOURCES (SET WHEN THERE IS A JST ENTRY THAT CONTAINS AN SMS MANAGED DATASET)
		.... ..1.		JSTCNSMS	"X'02" SMS WAS INACTIVE AT THE 0483 TIME C/I PROCESSING WAS 0483 PERFORMED 0483
		.... ...1		JSTDMDAL	"X'01" JOB CONTAINS AT LEAST ONE DEMAND ALLOCATION REQUEST
197	(C5)	BITSTRING	1	JSTHFLG3	JSTHFLG3 JST HEADER FLAG3
		1... ..		JSTSNONE	"X'80" SETUP = NONE
		.1.		JSTSIHWS	"X'40" SETUP = IHWS
		..1.		JSTSJOB	"X'20" SETUP = JOB
		...1		JSTSUSER	"X'10" SETUP = USER OVERRIDES
		.... 1...		JSTFNONE	"X'08" FETCH = NONE
		.... .1..		JSTFSET	"X'04" FETCH = SETUP
		.... ..1.		JSTFALL	"X'02" FETCH = ALL
		.... ...1		JSTFUSER	"X'01" FETCH = USER OVERRIDES
198	(C6)	BITSTRING	1	JSTHFLG4	JSTHFLG4 JST HEADER FLAG4
		1... ..		JSTHWALL	"X'80" HWS ALL UNITS
		.1.		JSTHTWAP	"X'40" HWS TAPE UNITS

IATYJST Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		..1.		JSTHWDSK	"X'20" HWS DISK UNITS
		...1		JSTRH410	"X'10" RESERVED FLAG
		.... 1...		JSTNOXP	"X'08" NO EXPIRATION DATE CHECK
		.... .1..		JSTHWMSS	"X'04" MSS HIGH WATERMARK SPECIFIED
		.... ..1.		JSTSDGNM	"X'02" HONOR SDGXX UNITNAME
		.... ...1		JSTNORNG	"X'01" BYPASS RING CHECK FOR JOB
199	(C7)	BITSTRING	1	JSTVERSN	VERSION NUMBER OF JST

Comment

DEFINITION OF JSTVERSN

End of Comment

199	(C7)	X'2'	0	JSTCURR	"JSTSP421" VERSION NUMBER FOR THIS REL 0658
199	(C7)	X'1'	0	JSTSP312	"1" VERSION INDICATOR FOR SP312
199	(C7)	X'2'	0	JSTSP421	"2" VERSION INDICATOR FOR SP421 0658
200	(C8)	SIGNED	4	JSTRVCHN	REVERSE JST CHAIN
204	(CC)	SIGNED	4	JSTHUSER	RESERVED FOR USER
208	(D0)	SIGNED	4	JSTFEND (0)	END OF JST TABLE HEADER
208	(D0)	BITSTRING	1	JSTFSIZ (0)	FIXED SIZE OF JST HEADER

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	JSTENTRY	
0	(0)	SIGNED	2	JSTVARL	SIZE OF THIS JST ENTRY
2	(2)	BITSTRING	1	JSTENTID	JSTENTID STEP ENTRY ID
2	(2)	X'0'	0	JSTNULL	"0" NULL ENTRY
2	(2)	X'4'	0	JSTSTEP	"4" STEP ENTRY
2	(2)	X'8'	0	JSTDD	"8" DD ENTRY
2	(2)	X'10'	0	JSTULIST	"16" UNITNAME LIST ENTRY
		1111 .111		JSTEOB	"X'F7" END OF BUFFER
		1111 1111		JSTEOF	"X'FF" END OF ENTIRE JST
3	(3)	BITSTRING	1	JSTSTPNO	STEP NUMBER
4	(4)	SIGNED	4	JSTSTCT (0)	SWA ADDR/TTR OF SCT
4	(4)	SIGNED	4	JSTVOLT	SWA ADDR/TTR OF VOLT
8	(8)	BITSTRING	12	JSTFDDYN	FDB OF DYNAMIC ALLOC BUFFER
20	(14)	SIGNED	2		ALIGN TO FULLWORD
22	(16)	SIGNED	2	JSTSNXT	REL. NMBR OF NEXT STEP
24	(18)	SIGNED	2	JSTHWTOP	REL. NO. OF HWATER CHN START
26	(1A)	SIGNED	2	JSTSCURR	REL. NO. OF THIS JST ENTRY
28	(1C)	CHARACTER	8	JSTSTNM	STEP NAME
36	(24)	CHARACTER	8	JSTPRNM	PROC STEP NAME
44	(2C)	BITSTRING	1	JSTSFGL1	JSTSFGL1 JST STEP FLAG1

Comment

DEFINITION OF JSTSFGL1.

End of Comment

		1...		JSTSMULT	"X'80" MULTIPLE UNIT ALLOC EXISTS
		.1..		JSTDSSTK	"X'40" THE SMS DATA SET STACKING EXIT WAS INVOKED FOR THIS STEP.
45	(2D)	BITSTRING	1	JSTRSVD3	RESERVED FOR DEVELOPMENT
46	(2E)	SIGNED	2	JSTDDR	SYSSYSX OF DEVICE IN DDR
48	(30)	SIGNED	4	JSTSMSAV	SMS AVAILABILITY MAIN MASK
52	(34)	SIGNED	4	JSTSMSCN	SMS CONNECTIVITY MAIN MASK
56	(38)	SIGNED	4	JSTRSVD5	RESERVED FOR SERVICE
60	(3C)	SIGNED	4	JSTSTUSR (6)	RESERVED FOR USER
84	(54)	BITSTRING	12	JSTSWRK1	MDS WORK AREA
96	(60)	BITSTRING	8	JSTSMSTK	SMS RESOURCE STATUS TOKEN

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
104	(68)	BITSTRING	12	JSTFRFDB	FDB OF REUSE JST CHAIN
116	(74)	SIGNED	4	JSTSEND (0)	END OF STEP SUMMARY ENTRY
116	(74)	BITSTRING	1	JSTSSIZ (0)	SIZE OF ENTRY
Comment					
JST DD ENTRY					
End of Comment					
0	(0)	SIGNED	2		ENTRY SIZE (JSTVARL)
2	(2)	BITSTRING	1		DD ENTRY ID (JSTENTID)
3	(3)	CHARACTER	1	JSTLABEL	A=AL,B=BLP,N=NL,S=SL,X=NSL
4	(4)	SIGNED	4	JSTDSNAD	MDS DSNAM ENTRY ADDRESS
8	(8)	SIGNED	4	JSTSETAD	ALLOCATION SETUNIT ENTRY ADDRESS
12	(C)	SIGNED	4	JSTVOLAD	WORKAREA VOLUME ENTRY ADDRESS
16	(10)	BITSTRING	1	JSTJVTX (0)	FIRST JVT ENTRY
Comment					
IATYJVT TYPE=JST JOB VOLUME TABLE RECORD 01 CHANGE ACTIVITY: \$SF= z1.4.0 HJS7707 020205 PD0TN: z 1.4.0 0					
End of Comment					
16	(10)	BITSTRING	6	JSTVOLID (0)	VOLUME SERIAL NUMBER
16	(10)	BITSTRING	2		Compatible with &VTJNUM - see IATXJBNO macro
18	(12)	BITSTRING	2		JST ID
20	(14)	BITSTRING	2		JVT ID
22	(16)	BITSTRING	1		STEP NUMBER
23	(17)	BITSTRING	1		REL. VOL. POS. IN DD
24	(18)	BITSTRING	2		PTR TO JST ENTRY
26	(1A)	BITSTRING	2		Reserved for IBM
28	(1C)	SIGNED	4		Binary job number
32	(20)	BITSTRING	1		JVTFLAG1 ENTRY FLAG BYTE 1
33	(21)	BITSTRING	1		JVTFLAG2 ENTRY FLAG BYTE 2
34	(22)	BITSTRING	1		JVTFLAG3 ENTRY FLAG BYTE 3
36	(24)	SIGNED	4		RESERVED FOR SERVICE
40	(28)	SIGNED	4	(0)	END OF JVT ENTRY END OF JVT GENERATION
40	(28)	BITSTRING	24	JSTTRSV2	RESERVED FOR DEVELOPMENT 0633
64	(40)	BITSTRING	1	JSTDORSV1	RESERVED FOR SERVICE 2604
65	(41)	BITSTRING	1	JSTMSERR	JSTMSERR IATMDMS DM450 ERROR CODE
Comment					
MDMSSDEL ERROR CODES					
End of Comment					
65	(41)	X'4'	0	JSTMSJST	"4" JST SETVOL POINTER ZERO
65	(41)	X'5'	0	JSTMVLM	"5" SETVOL SVX POINTER ZERO
65	(41)	X'6'	0	JSTMSHX1	"6" SVXHUSCT NEGATIVE
65	(41)	X'7'	0	JTMSSVX	"7" SVXUSCT NEGATIVE
65	(41)	X'8'	0	JSTMSMSU	"8" MSUVUALC NEGATIVE
65	(41)	X'9'	0	JSTMSPAT	"9" PATVUALC NEGATIVE
65	(41)	X'A'	0	JTMSSDG	"10" SDGVUALC NEGATIVE
65	(41)	X'B'	0	JTMMSHX2	"11" SVXUSCT NEGATIVE ON SWITCH TO HOXL
66	(42)	SIGNED	2	JSTJVT	REL ENTRY NO. IN JVT
68	(44)	SIGNED	2	JST2UNAF	INDEX OF NEXT ENTRY IN SECONDARY UNIT AFF CHAIN
72	(48)	DBL WORD	8	(0)	
72	(48)	CHARACTER	8	JSTTYPE	DEVICE TYPE FROM UNIT PARM
80	(50)	CHARACTER	8	JSTDDNM	DD NAME
88	(58)	SIGNED	2	JSTRPN	RELATIVE POSITION NUMBER
90	(5A)	SIGNED	2	JSTDEV	DEVICE ASSIGNED BY MDS
90	(5A)	X'5B'	0	JSTSDG	"JSTDEV+1,1" ASSIGNED MSS SDG

IATYJST Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
92	(5C)	BITSTRING	1	JSTDFLG1	JSTDFLG1 FLAG 1
Comment					
----- DEFINITION OF JSTDFLG1. -----					
End of Comment					
		1... ..		JSTTA	"X'80" TAPE DEVICE
		.1.. ..		JSTDA	"X'40" DIRECT ACCESS DEVICE
		..1. ..		JSTUR	"X'20" UNIT RECORD DEVICE
		...1 ..		JSTGR	"X'10" GRAPHIC DEVICE
		.... 1..		JSTMS	"X'08" MSS VIRTUAL DEVICE
93	(5D)	BITSTRING	1	JSTDFLG2	JSTDFLG2 FLAG 2
Comment					
----- DEFINITION OF JSTDFLG2. -----					
End of Comment					
		1... ..		JSTOLD	"X'80" DISP=OLD
		.1.. ..		JSTNEW	"X'40" DISP=NEW
		..1. ..		JSTSHR	"X'20" DISP=SHR
		...1 ..		JSTMOD	"X'10" DISP=MOD
		.... 1..		JSTDEFER	"X'08" UNIT=(,DEFER) SPECIFIED
		.... .1..		JSTRING	"X'04" RING REQUIRED FOR TAPE
		.... ..1.		JSTSMS	"X'02" DATASET IS SMS MANAGED (NOTE: THE JSTSMS FLAG APPLIES ONLY TO SMS DASD.)
		.... ...1		JSTMULTI	"X'01" MULTI ALOC TO SERIAL DEV
94	(5E)	BITSTRING	1	JSTDFLG3	JSTDFLG3 FLAG 3
Comment					
----- DEFINITION OF JSTDFLG3. -----					
End of Comment					
		1... ..		JSTVOLFD	"X'80" VOLUME FOUND IN SYSUNITS
		.1.. ..		JSTDMD	"X'40" DEMAND ALLOCATION
		..1. ..		JSTSCR	"X'20" SCRATCH VOLUME REQUIRED
		...1 ..		JSTNOMNT	"X'10" NO VOLUME PREMOUNT REQUIRED
		.... 1..		JSTNODEV	"X'08" NO UNIQUE DEVICE REQUIRED
		.... .1..		JSTMNTD	"X'04" REQ'D VOLUME MNTD ON DEVICE
		.... ..1.		JSTVLEXC	"X'02" VOLS USED ON DEV NON SHRABLE
		.... ...1		JSTPREUS	"X'01" PREVIOUS DEVICE USE IN STEP
95	(5F)	BITSTRING	1	JSTDFLG4	JSTDFLG4 FLAG 4
Comment					
----- DEFINITION OF JSTDFLG4. -----					
End of Comment					
		1... ..		JSTSTPDL	"X'80" DEALLOCATED VIA STEP TERM
		.1.. ..		JSTMDSAL	"X'40" ENTRY ALLOCATED BY MDS
		..1. ..		JSTMDSL	"X'20" ENTRY DE-ALLOCATED BY MDS
		...1 ..		JSTDSINC	"X'10" LAST USE OF DATASET BY JOB
		.... 1..		JSTDVINC	"X'08" LAST USE OF DEVICE BY JOB

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... .1..		JSTVLINC	"X'04" LAST USE OF VOL(S) BY JOB. FOR SMS MANAGED DATASETS, THIS FLAG IS SET BASED ON A DUMMY VOLSER THAT IS GENERATED FOR CHAINING PURPOSES. THE DUMMY VOLSER CONSISTS OF A HEXADECIMAL "FF" FOLLOWED BY THE FIRST FIVE CHARACTERS OF THE DATASET NAME.
		.... ..1.		JSTDDINC	"X'02" LAST USE OF DD IN STEP
		.... ...1		JSTDKMSG	"X'01" KEEP MSG ON VOL-LST-USE
96	(60)	BITSTRING	1	JSTDFLG5	JSTDFLG5 FLAG 5

Comment

 DEFINITION OF JSTDFLG5.

End of Comment

		1...		JSTMSVGP	"X'80" MSVGP= SPECIFIED
		.1..		JSTHSTEX	"X'40" HOSTEXCL UNITNAME SPECIFIED
		..1.		JSTSDGXX	"X'20" SDG NAME HONORED FOR ENTRY
		...1		JSTSUBUS	"X'10" SUBSQ USE OF DEV IN STP
		.... 1...		JSTINVIS	"X'08" ENTRY IS 'INVISIBLE' TO MDS JST ACCESS - CLEARED BY MSVC VOLUME SELECT
		.... .1..		JSTPRSV	"X'04" ENT REF PRS/RSV VOLUME
		.... ..1.		JSTMSSDL	"X'02" MSS ENTRY DEALLOCATED
		.... ...1		JSTSOFTX	"X'01" NON-SHR DUE TO HWS CHN
97	(61)	BITSTRING	1	JSTDFLG6	JSTDFLG6 FLAG 6

Comment

 DEFINITION OF JSTDFLG6.

End of Comment

		1...		JSTDUNAF	"X'80" UNIT AFFINITY SPECIFIED
		.1..		JSTDVRDD	"X'40" VOL=REF=DD SPECIFIED
		..1.		JSTDVRDS	"X'20" VOL=REF=DSN SPECIFIED
		...1		JSTDCCBR	"X'10" DCB=DSNAME SPECIFIED
		.... 1...		JSTBDSAL	"X'08" BYPASS DATA SET ALLOCATION 0421 FOR THIS DATA SET (I.E 0421 DON'T BUILD A SETDSN ENTRY) 0421
		.... .1..		JSTDSMDS	"X'04" USE DATA SET NAME IN MDS
		.... ..1.		JSTVRPAS	"X'02" PASSED DATASET
		.... ...1		JSTDPAR	"X'01" PARALLEL MOUNT REQUEST
98	(62)	BITSTRING	1	JSTDFLG7	JSTDFLG7 FLAG 7

Comment

 DEFINITION OF JSTDFLG7.

End of Comment

		1...		JSTDPCAT	"X'80" POTENTIAL CATLG REQUEST
		.1..		JSTDISAM	"X'40" DSORG=IS SPECIFIED
		..1.		JSTDCCAT	"X'20" CONCATENATED DD REQ
		...1		JSTDGDSN	"X'10" GENERATED DSN
		.... 1...		JSTDJOBL	"X'08" JOBLIB DD REQUEST
		.... .1..		JSTDJSTCT	"X'04" JOBCAT/STEP CAT REQUEST
		.... ..1.		JSTDCATC	"X'02" CONCATENATED PRIV CATLG
		.... ...1		JSTDGDGS	"X'01" GDG SINGLE REQUEST
99	(63)	BITSTRING	1	JSTDFLG8	JSTDFLG8 FLAG 8

IATYJST Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Comment -----					
DEFINITION OF JSTDFLG8. -----					
----- End of Comment -----					
		1...		JSTCIALL	"X'80" ENTRY ALLOCATED BY INTERPRTR
		.1.		JSTCART	"X'40" CARTRIDGE TAPE REQUEST
		..1.		JSTHWSPL	"X'20" DD ENTRY SPLIT OFF BY HWS
		...1		JSTDMDCH	"X'10" DEMAND SCAN COMPLETE \$\$\$\$
		.... 1...		JSTSCRAL	"X'08" MSVC SCRATCH ALLOC DONE
		.... .1..		JSTSMM	"X'04" SMS MANAGED MOUNTABLE REQ.
		.... ..1.		JSTDSSCN	"X'02" DATA SET ALREADY SCANNED BY IATMDIQ (IN STORAGE ONLY)
		.... ...1		JSTUNLOD	"X'01" NO TAPE DEVICE UNLOAD REQ'D
100	(64)	BITSTRING	1	JSTDFLU1	JSTDFLU1 USE COUNT AND FETCH FLAG
		1111 111.		JSTUCMSK	"X'FE" USE COUNT MASK USED TO RESET THE USE COUNT BITS
		1...		JSTDVUIN	"X'80" DEVICE (SYSUNITS) USE COUNT HAS BEEN INCREMENTED
		.1.		JSTDVUDC	"X'40" DEVICE (SYSUNITS) USE COUNT HAS BEEN DECREMENTED
		..1.		JSTDSUIN	"X'20" DATA SET (SETDSN) USE COUNT HAS BEEN INCREMENTED
		...1		JSTDSUDC	"X'10" DATA SET (SETDSN) USE COUNT HAS BEEN DECREMENTED
		.... 1...		JSTDVMVD	"X'08" INDICATES THAT THE JSTDVUIN BIT HAS BEEN MOVED TO A PRIOR JST DD ENTRY ON THE DEVICE CHAIN BECAUSE THE LAST JST DD ENTRY ON THE DEVICE CHAIN WAS DYNAMICALLY DEALLOCATED
		.... .1..		JSTDUING	"X'04" GDG BASE (SETDSN) USE COUNT HAS BEEN INCREMENTED
		.... ..1.		JSTDUDCG	"X'02" GDG BASE (SETDSN) USE COUNT HAS BEEN DECREMENTED
		.... ...1		JSTUFECH	"X'01" / MAIN FETCH PARM (1=YES)
101	(65)	BITSTRING	1	JSTDFLU2	JSTDFLU2 FLAG
----- Comment -----					
DEFINITION OF JSTDFLU2 -----					
----- End of Comment -----					
		1...		JSTMVBYP	"X'80" DD CALLS FOR SPECIFIC AND NON-SPECIFIC P/R DASD VOLTS; LET MVS FIGURE OUT UNITS
		.1.		JSTADR4	"X'40" 4 DIGIT DEVICE NUMBER IS USED IN JSTUADR
		..1.		JSTDYNAL	"X'20" THIS IS A DYNAMIC ALLOCATION
		...1		JSTSETGB	"X'10" THIS JOB SET THE POINTER TO GDG BASE SETDSN
		.... 1...		JSTUASSI	"X'08" UNIT AFF SSI INVOKED
		.... .1..		JSTLIST	"X'04" THIS DD HAS A LIST ENTRY
102	(66)	BITSTRING	1	JSTERRCD	JSTERRCD MDS ERROR CODES 0269
----- Comment -----					
DEFINITIONS FOR MDS ALLOCATION ERROR CODES 0 -----					
----- End of Comment -----					

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
102	(66)	X'4'	0	JSTERR1	"4" TYPE DOESN'T EXIST	
102	(66)	X'8'	0	JSTERR2	"8" NOT ENOUGH DEVICES	
102	(66)	X'C'	0	JSTERR3	"12" DMD WITH NO MAIN SPEC'D	
102	(66)	X'10'	0	JSTERR4	"16" MULTI VOL REQ FOR PRS VOL	
102	(66)	X'14'	0	JSTERR5	"20" PRS VOL NOT ON THIS MAIN	
102	(66)	X'18'	0	JSTERR6	"24" PRS VOL NOT ON THIS TYPE	
102	(66)	X'1C'	0	JSTERR7	"28" VOLUME ON INELIGIBLE MSS	
102	(66)	X'20'	0	JSTERR8	"32" VOLUME REF INCOMPATIBLE DEV	
102	(66)	X'24'	0	JSTERR9	"36" MOUNT NEEDED, SDEPTH ZERO 0013	
102	(66)	X'24'	0	JSTERMX	"JSTERR9" MAXIMUM VALUE OF JSTERRCD 0013	

Comment

DEFINITIONS FOR MDS SYSTEM ERROR CODES 0

End of Comment

102	(66)	X'4'	0	JTSER1	"4" ATTEMPTING TO DECREMENT SYSUNITS USE COUNT THAT IS ALREADY ZERO
102	(66)	X'8'	0	JTSER2	"8" ATTEMPTING TO DECREMENT SETDSN USE COUNT THAT IS ALREADY ZERO
102	(66)	X'C'	0	JTSER3	"12" NO SETVOL ENTRY FOUND 0269
102	(66)	X'10'	0	JTSER4	"16" ATTEMPTING TO DECREMENT SETVOL ALLOCATION COUNT THAT IS ALREADY ZERO
102	(66)	X'14'	0	JTSER5	"20" ATTEMPTING TO DECREMENT SETVOL FETCH COUNT THAT IS ALREADY ZERO
102	(66)	X'18'	0	JTSER6	"24" DUPLICATE SETUNITS ENTRY ON VOLUME VERIFY CHAIN
102	(66)	X'1C'	0	JTSER7	"28" ATTEMPTING TO INCREMENT SYSUNITS USE CNT THAT HAS ALREADY BEEN INCREMENTED
102	(66)	X'20'	0	JTSER8	"32" ATTEMPTING TO DECREMENT THE SYSUNITS USE COUNT AND JST INDICATES CNT HAS NOT BEEN INCREMENTED OR HAS ALREADY BEEN DECREMENTED
102	(66)	X'24'	0	JTSER9	"36" ATTEMPTING TO DECREMENT THE SYSUNITS USE COUNT AND RQ CONTROL COUNT IS ZERO
102	(66)	X'28'	0	JTSER10	"40" ATTEMPTING TO INCREMENT A SETDSN USE COUNT THAT HAS ALREADY BEEN INCREMENTED
102	(66)	X'2C'	0	JTSER11	"44" ATTEMPTING TO DECREMENT THE SETDSN USE COUNT AND JST INDICATES COUNT HAS NOT BEEN INCREMENTED OR HAS ALREADY BEEN DECREMENTED
102	(66)	X'30'	0	JTSER12	"48" ATTEMPTING TO DECREMENT THE SETDSN USE COUNT AND THE RQ CONTROL COUNT IS ZERO
102	(66)	X'34'	0	JTSER13	"52" ATTEMPTING TO INCREMENT THE SETVOL FETCH CONTROL CNT IN THE JST BEYOND THE MAX
102	(66)	X'38'	0	JTSER14	"56" ATTEMPTING TO DECREMENT THE SETVOL FETCH CNT AND THE JST FETCH COUNT IS ZERO
102	(66)	X'3C'	0	JTSER15	"60" ATTEMPTING TO DECREMENT THE SETVOL FETCH COUNT AND RQ CONTROL COUNT IS ZERO
102	(66)	X'40'	0	JTSER16	"64" ATTEMPTING TO INCREMENT THE SETVOL ALLOCATION COUNT IN JST BEYOND THE MAX
102	(66)	X'44'	0	JTSER17	"68" ATTEMPTING TO DECREMENT THE SETVOL ALLOCATION CNT AND JST ALLOC COUNT IS ZERO
102	(66)	X'48'	0	JTSER18	"72" ATTEMPTING TO DECREMENT THE SETVOL ALLOCATION CNT AND RQ CONTROL COUNT IS ZERO
103	(67)	BITSTRING	1	JSTMFAIL	JSTMFAIL ALLOCATION FAILURE FLAGS

IATYJST Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				

DEFINITION OF JSTMFAIL.					

End of Comment					
		1... ..		JSTDVNAL	"X'80" DEVICE ALLOCATION FAILURE
		.1.. ..		JSTDSNAL	"X'40" DSNAME ALLOCATION FAILURE
		..1.		JSTVLNAL	"X'20" VOLUME ALLOCATION FAILURE
		...1		JSTVNAL	"X'10" UNAVAILABLE VOLUME
		.... 1..		JSTMNTPD	"X'08" VOLUME MOUNT PENDING
		.... .1..		JSTVDNAL	"X'04" VOLUME'S DEVICE FAILURE
		.... ..1.		JSTGBNAL	"X'02" GDG BASE ALLOCATION FAILURE

Comment					

WHENEVER JSTUADR IS SET, THE BIT JSTADR4 IN JSTDFLU2 MUST BE SET.					

End of Comment					
104	(68)	CHARACTER	4	JSTUADR	4 DIGIT DEVICE NUMBER
104	(68)	X'68'	0	JST3ADR	"JSTUADR,3" 3 DIGIT DEVICE NUMBER
108	(6C)	SIGNED	2	JSTVLSEQ	JVT SEQUENCE NUMBER OF VOLUME THAT FAILED ALLOC
110	(6E)	SIGNED	2	JSTLSTEN	INDEX OF UNITNAME LIST ENTRY
112	(70)	SIGNED	2	JSTDUSER	RESERVED FOR USER
116	(74)	SIGNED	4	JSTSHEND (0)	END OF SHORT ENTRY
116	(74)	BITSTRING	0	JSTSHSIZ (0)	SIZE OF SHORT ENTRY
116	(74)	SIGNED	4	JSTSIOT (0)	SWA ADDRESS OF SIOT DURING POSTSCAN
116	(74)	SIGNED	4	JSTJFCB (0)	SWA ADDRESS OF JFCB DURING POSTSCAN
116	(74)	SIGNED	4	JSTSETNM	SETNAMES ADDRESS DURING MAIN LIMITING AND SOFT ALLOCATION
120	(78)	SIGNED	2	JSTDDBRF	ID OF REF'D JST ENTRY
122	(7A)	SIGNED	2	JSTDFRF1	IMMEDIATE FORWARD REF
124	(7C)	SIGNED	2	JSTDFRF2	IATIP1 UNIT AFF FWD CHAIN IATMDMS FORWARD CHAIN SAVE
126	(7E)	SIGNED	2	JSTDDBRF1	IMMEDIATE BACKWARD REF
128	(80)	SIGNED	2	JSTDDBRF2	IATIP1 UNIT AFF BKWD CHAIN IATMDMS BACKWARD CHAIN SAVE
128	(80)	X'7A'	0	JSTDTHRD	"JSTDDBRF1" REL. NMBR OF NXT USR OF DEV
130	(82)	BITSTRING	1	JSTDSIZE	LENGTH OF DSNAME
130	(82)	CHARACTER	45	JSTDSNAM	DATASET NAME
175	(AF)	BITSTRING	1	JSTMEDIA	MEDIA TYPE OF REQUEST
176	(B0)	SIGNED	2	JSTHWNXT	REL. NO. OF NXT HWATR DDNTRY
176	(B0)	BITSTRING	1	JSTVLFACT	NUMBER OF TIMES A VOL FETCH COUNT WAS INCREMENTED WITHOUT A CORRESPONDING DECREMENT
177	(B1)	BITSTRING	1	JSTVLACT	NUMBER OF TIMES A VOL ALLOC COUNT WAS INCREMENTED WITHOUT A CORRESPONDING DECREMENT
178	(B2)	BITSTRING	1	JSTNUMUN	HIGH WATER SETUP UNIT COUNT
179	(B3)	BITSTRING	1	JSTRSVDDB	RESERVED BYTE
176	(B0)	SIGNED	4	JSTMSSMN	MAIN MASK FOR EXTRA SDG ALLOC FOR HWS
180	(B4)	BITSTRING	6	JSTSCRVL	SCRATCH VOLSER REPLACED BY MSVC VOLUME SELECT
186	(BA)	SIGNED	2	JSTUTBIN	HWS UTB INDEX
188	(BC)	SIGNED	4		RESERVED FOR JES3 SERVICE
192	(C0)	BITSTRING	8		RESERVED FOR DEVELOPMENT
200	(C8)	SIGNED	4	JSTVEND (0)	END OF FULL ENTRY
200	(C8)	BITSTRING	1	JSTVSIZ (0)	SIZE OF FULL ENTRY

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
JST UNITNAME LIST ENTRY					
End of Comment					
0	(0)	SIGNED	2		ENTRY SIZE (JSTVARL)
2	(2)	BITSTRING	1		UNIT LIST ENTRY ID -JSTENTID
3	(3)	BITSTRING	1		UNUSED
4	(4)	SIGNED	2	JSTLSNXT	INDEX OF NEXT LIST ENTRY
6	(6)	SIGNED	2	JSTDDIND	
Comment					

 THE FOLLOWING NAME/FLAG FIELDS ARE REPEATED FOR EACH UNITNAME IN THE LIST ENTRY. IF THERE ARE MORE NAMES THAN WILL FIT IN AN ENTRY, ADDITIONAL ENTRIES WILL BE CREATED.

End of Comment					
8	(8)	CHARACTER	8	JSTULNAM	UNIT NAME
16	(10)	BITSTRING	1	JSTULFL1	FLAG BYTE NUMBER 1
		1...		JSTULAST	"X'80" LAST UNIT NAME FOR REQUEST
		.1..		JSTELAST	"X'40" LAST UNIT NAME IN THIS UNIT NAME LIST ENTRY
17	(11)	BITSTRING	1	JSTULFL2	FLAG BYTE NUMBER 2
18	(12)	BITSTRING	1	JSTLEND (0)	END OF NAME AND ASSOC FLAGS
18	(12)	BITSTRING	1	JSTLSIZE (0)	LENGTH OF NAME/FLAGS

IATYJST Cross Reference

Name

- JSTADR4
- JSTALLOC
- JSTBDSAL
- JSTBRKDN
- JSTCART
- JSTCATFD
- JSTCHN
- JSTCIALL
- JSTCNSMS
- JSTCNT
- JSTCURR
- JSTDA
- JSTDATA
- JSTDDBRF
- JSTDDBRF1
- JSTDDBRF2
- JSTDCATC
- JSTDCCAT
- JSTDCHN
- JSTDD
- JSTDDCBR
- JSTDDINC
- JSTDDIND
- JSTDDNM
- JSTDDR

IATYJST Cross Reference

Name

JSTDEFER
JSTDEV
JSTDFLG1
JSTDFLG2
JSTDFLG3

JSTDFLG4
JSTDFLG5
JSTDFLG6
JSTDFLG7
JSTDFLG8

JSTDFLU1
JSTDFLU2
JSTDFRF1
JSTDFRF2
JSTDGDGS

JSTDGDSN
JSTDISAM
JSTDJOBL
JSTDJST
JSTDKMSG

JSTDMD
JSTDMDAL
JSTDMDCH
JSTDPAR
JSTDPCAT

JSTDRSV1
JSTDSINC
JSTDSIZE
JSTDSMDS
JSTDSNAD

JSTDSNAL
JSTDSNAM
JSTDSSCN
JSTDSSTK
JSTDSUDC

JSTDSUIN
JSTDTHRD
JSTDUDCG
JSTDUING
JSTDUNAF

JSTDUSER
JSTDVINC
JSTDVMVD
JSTDVNAL
JSTDVRDD

JSTDVRDS
JSTDVUDC
JSTDVUIN
JSTDYACT
JSTDYCNT

JSTDYNAL
JSTELAST
JSTENTID
JSTENTRY
JSTEOB

JSTEOF
JSTERMX
JSTERRCD
JSTERR1
JSTERR2

Name

JSTERR3
JSTERR4
JSTERR5
JSTERR6
JSTERR7

JSTERR8
JSTERR9
JSTFALL
JSTFDDYN
JSTFEND

JSTFETCH
JSTFIXL
JSTFNCJB
JSTFNCJC
JSTFNONE

JSTFRFDB
JSTFSET
JSTFSIZ
JSTFUSER
JSTGBNAL

JSTGR
JSTHFLG1
JSTHFLG2
JSTHFLG3
JSTHFLG4

JSTHIGHE
JSTHINCL
JSTHSTEX
JSTHSTN
JSTHUSER

JSTHWALL
JSTHWDSK
JSTHWMSS
JSTHWNXT
JSTHWSPL

JSTHWTAP
JSTHWTOP
JSTID
JSTIDD
JSTINVIS

JSTJBNAM
JSTJFCB
JSTJRSMS
JSTJVT
JSTJVTFD

JSTJVTX
JSTLABEL
JSTLEND
JSTLIST
JSTLOWE

JSTLSIZE
JSTLSNXT
JSTLSTEN
JSTMAIN
JSTMAINF

JSTMAINV
JSTMDSAL
JSTMDSL
JSTMEDIA
JSTMFAIL

IATYJST Cross Reference

Name

JSTMNTD
JSTMNTPD
JSTMOD
JSTMOUNT
JSTMPNAM

JSTMS
JSTMSERR
JSTMSHX1
JSTMSHX2
JSTMSJST

JSTMSMSU
JSTMSPAT
JSTMSSDG
JSTMSSDL
JSTMSSIN

JSTMSSMN
JSTMSSRF
JSTMSSVX
JSTMVGP
JTMVLM

JSTMULTI
JSTMVBYP
JSTNEW
JSTNODEV
JSTNOMNT

JSTNORNG
JSTNOXP
JSTNULL
JSTNUMUN
JSTOLD

JSTPARM
JSTPDJST
JSTPREUS
JSTPRNM
JSTPRSV

JSTRH101
JSTRH102
JSTRH104
JSTRH410
JSTRING

JSTRPN
JSTRSVDB
JSTRSVDS
JSTRSVD3
JSTRVCHN

JSTSCR
JSTSCRAL
JSTSCRVL
JSTSCT
JSTSCURR

JSTSDG
JSTSDGNM
JSTSDGXX
JSTSEND
JTSER1

JTSER10
JTSER11
JTSER12
JTSER13
JTSER14

Name

JTSER15
JTSER16
JTSER17
JTSER18
JTSER2

JTSER3
JTSER4
JTSER5
JTSER6
JTSER7

JTSER8
JTSER9
JTSSETAD
JTSSETGB
JTSSETNM

JTSFLG1
JTSSEND
JTSR
JTSHSIZ
JTSIHWS

JTSIOT
JTSJOB
JTSMS
JTSMSAV
JTSMSCN

JTSMSMM
JTSMSTK
JTSMULT
JTSNONE
JTSNXT

JTSOFTX
JTS312
JTS421
JTSIZ
JTSSTART

JTSSTEP
JTSSTNM
JTSSTPDL
JTSSTPNO
JTSSTUSR

JTSUBUS
JTSUSER
JTSWRK1
JTTA
JSTRK

JSTRSV1
JSTRSV2
JSTTYPE
JSTUADR
JSTUASSI

JSTUCMSK
JSTUFECH
JSTULAST
JSTULFL1
JSTULFL2

JSTULIST
JSTULNAM
JSTUNLOD
JSTUR
JSTUTBIN

IATYJST Cross Reference

Name

JSTVARL
JSTVDNAL
JSTVEND
JSTVERSN
JSTVLACT

JSTVLEXC
JSTVLFCT
JSTVLID
JSTVLINC
JSTVLNAL

JSTVLSEQ
JSTVOLAD
JSTVOLFD
JSTVOLID
JSTVOLT

JSTVRFYD
JSTVRPAS
JSTVSIZ
JSTVUMPC
JSTVUNAL

JST1STP
JST2UNAF
JST25ATO
JST25CAT
JST25DYA

JST25END
JST25FG1
JST25FG2
JST25FSD
JST25FST

JST25MSD
JST25MST
JST25NDF
JST25NDM
JST25NMV

JST25NTF
JST25NTM
JST25SIZ
JST25SMF
JST25SSD

JST25SST
JST25VVD
JST25VVT
JST3ADR

IATYJTS Information

IATYJTS Programming Interface information

Programming Interface information

IATYJTS

The following field is **NOT** programming interface information:

- JTSLIST

End of Programming Interface information

Heading Information • IATYJTS Map

IATYJTS Heading Information

Common Name: JOB TRACK ALLOCATION TABLE SEARCH BLOCK (JTS)
Macro ID: IATYJTS
DSECT Name: JTSSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JTS
 Offset: 0
 Length: 4
Storage Attributes: Auxiliary Storage: N/A
 Subpool: 0 (JESPOOL)
 Key: 1 (JESKEY)
 Residency: ANY
Size: JTSSIZE
Created by: N/A
Pointed to by: N/A
Serialization: YES
Function: DESCRIBES JOB AND DATASET TAT SEARCH
 PARAMETER LIST

IATYJTS Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JTSSTART	
0	(0)	CHARACTER	4	JTSID	DATA AREA IDENTIFIER
4	(4)	BITSTRING	1	JTSEXOPT	EXTENT OPTIONS
		1... ..		JTSEXALL	"X'80" - EXT=ALL
		.1.		JTSEXDRN	"X'40" - EXT=DRAINED
		..1.		JTSEXUNV	"X'20" - EXT=UNAVAIL
		...1		JTSEXHLD	"X'10" - EXT=HELD
		.... 1...		JTSEXLST	"X'08" - EXT=LIST

Comment					

End of Comment					
5	(5)	BITSTRING	1	JTSGPOPT	GROUP OPTIONS
		1... ..		JTSGPALL	"X'80" - GRPS=ALL
		.1.		JTSGPFRS	"X'40" - GRPS=FIRST
		..1.		JTSGPTAT	"X'20" - GRPS=TAT

Comment					

End of Comment					
6	(6)	BITSTRING	1	JTSFLAGS	INTERNAL PROCESSING FLAGS
		1... ..		JTSSUMEX	"X'80" - EXTLIST= SPECIFIED
		.1.		JTSSUMSP	"X'40" - SPBLIST= SPECIFIED
		..1.		JTSEOD	"X'20" - EOD INDICATOR
		...1		JTSUNVDA	"X'10" - UNAVAILABLE DATA SET
		.... 1...		JTSDMJDS	"X'08" - JCT points to dummy JDS This flag is also used in IATIQPG to indicate that TATs for a dummy JDS have been found.

Comment					

End of Comment					
7	(7)	BITSTRING	1	JTSRSVD	RESERVED FOR DEVELOPMENT
8	(8)	ADDRESS	4	JTSJCT	JCT ADDRESS
12	(C)	SIGNED	4	JTSJDSOF	RESUME OFFSET IN WORK FDB
16	(10)	BITSTRING	12	JTSJDSDB	JDS FDB
28	(1C)	BITSTRING	28	JTSJBTFD	TAT FDB

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
56	(38)	SIGNED	4	JTSGRPCT	LOGICAL TRACK GROUP COUNT
60	(3C)	ADDRESS	4	JTSLIST	EXTLIST/SPBLIST TABLE ADDRESS
60	(3C)	X'40'	0	JTSEND	***
60	(3C)	X'40'	0	JTSSIZE	"JTSEND-JTSSTART"

IATYJTS Cross Reference

Name

JTSDMJDS
 JTSEND
 JTSEOD
 JTSEXALL
 JTSEXDRN
 JTSEXHLD
 JTSEXLST
 JTSEXOPT
 JTSEXUNV
 JTSFLAGS
 JTSGPALL
 JTSGPFRS
 JTSGPOPT
 JTSGPTAT
 JTSGRPCT
 JTSID
 JTSJBTFD
 JTSJCT
 JTSJDSDB
 JTSJDSOF
 JTSLIST
 JTSRSVD
 JTSSIZE
 JTSSTART
 JTSSUMEX
 JTSSUMSP
 JTSUNVDA

IATYJUSF Information

IATYJUSF Heading Information

Common Name: JESXCF User State Field
Macro ID: IATYJUSF
DSECT Name: JUSSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: None
 Virtual Storage: None
 Auxiliary Storage: None
Size: JUSSIZE
Created by: N/A
Pointed to by: N/A
Serialization: N/A
Function: Generates a mapping of the JESXCF user state field.

IATYJUSF Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JUSSTART	, JESXCF User State Information
0	(0)	BITSTRING	1	JUSJXFG1	JESXCF Flag One
Comment					

Definition of JUSJXFG1.					

End of Comment					
		1... ..		JUSCONAC	"X'80" JESXCF connection is active (if off, connection is not active)
1	(1)	BITSTRING	3	JUSJSXC2	Used by JESXCF
Comment					
The following four fields are used to map the JES portion of the user state.					
End of Comment					
4	(4)	BITSTRING	1	JUSJSFG1	JES Flag One
Comment					

Definition of JUSJSFG1.					

End of Comment					
		1... ..		JUSAMRCG	"X'80" All active mains have reconnected to the Global
		.1.. ..		JUSHS140	"X'40" Reserved for development
		..1.		JUSJS120	"X'20" Reserved for development
		...1		JUSJS110	"X'10" Reserved for development
		.... 1...		JUSJS108	"X'08" Reserved for development
		.... .1..		JUSJS104	"X'04" Reserved for development
		.... ..1.		JUSJS102	"X'02" Reserved for development
		.... ...1		JUSJS101	"X'01" Reserved for development
5	(5)	BITSTRING	1	JUSJSFG2	JES Flag Two

IATYJUSF Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

Definition of JUSJSFG2.					

End of Comment					
		1...		JUSJS280	"X'80" Reserved for development
		.1..		JUSJS240	"X'40" Reserved for development
		..1.		JUSJS220	"X'20" Reserved for development
		...1		JUSJS210	"X'10" Reserved for development
		.... 1..		JUSJS208	"X'08" Reserved for development
		.... .1..		JUSJS204	"X'04" Reserved for development
		.... ..1.		JUSJS202	"X'02" Reserved for development
		.... ...1		JUSJS201	"X'01" Reserved for development
6	(6)	BITSTRING	1	JUSJSFG3	JES Flag Three
Comment					

Definition of JUSJSFG3.					

End of Comment					
		1...		JUSJS380	"X'80" Reserved for service
		.1..		JUSJS340	"X'40" Reserved for service
		..1.		JUSJS320	"X'20" Reserved for service
		...1		JUSJS310	"X'10" Reserved for service
		.... 1..		JUSJS308	"X'08" Reserved for service
		.... .1..		JUSJS304	"X'04" Reserved for service
		.... ..1.		JUSJS302	"X'02" Reserved for service
		.... ...1		JUSJS301	"X'01" Reserved for service
7	(7)	BITSTRING	1	JUSJSFG4	JES Flag Four
Comment					

Definition of JUSJSFG4.					

End of Comment					
		1...		JUSJS480	"X'80" Reserved for service
		.1..		JUSJS440	"X'40" Reserved for service
		..1.		JUSJS420	"X'20" Reserved for service
		...1		JUSJS410	"X'10" Reserved for service
		.... 1..		JUSJS408	"X'08" Reserved for service
		.... .1..		JUSJS404	"X'04" Reserved for service
		.... ..1.		JUSJS402	"X'02" Reserved for service
		.... ...1		JUSJS401	"X'01" Reserved for service
Comment					
<p>The following 21 bytes in the JES portion of the JESXCF user state are not mapped yet.</p>					

End of Comment					
8	(8)	BITSTRING	21	JUSJESRS	Reserved for JES

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
JESXCF User State Common Section. Shared between JESXCF, JES2, and JES3. Modifications to this section requires changes to the JESXCF component.					
End of Comment					
29	(1D)	BITSTRING	1	JUPCOMON (0)	
29	(1D)	BITSTRING	1	JUSCMFG1	Common section flag one
Comment					
----- Definition of JUSCMFG1. -----					
End of Comment					
		1... ..		JUSCM180	"X'80" Reserved for development
		.1.. ..		JUSCM140	"X'40" Reserved for development
		..1.		JUSCM120	"X'20" Reserved for development
		...1		JUSCM110	"X'10" Reserved for development
		.... 1...		JUSCM108	"X'08" Reserved for development
		.... .1..		JUSCM104	"X'04" Reserved for development
		.... ..1.		JUSCM102	"X'02" Reserved for development
		.... ...1		JUSCM101	"X'01" Reserved for development
30	(1E)	BITSTRING	1	JUSCMFG2	Common section flag two
Comment					
----- Definition of JUSCMFG2. -----					
End of Comment					
		1... ..		JUSCM280	"X'80" Reserved for development
		.1.. ..		JUSCM240	"X'40" Reserved for development
		..1.		JUSCM220	"X'20" Reserved for development
		...1		JUSCM210	"X'10" Reserved for development
		.... 1...		JUSCM208	"X'08" Reserved for development
		.... .1..		JUSCM204	"X'04" Reserved for development
		.... ..1.		JUSCM202	"X'02" Reserved for development
		.... ...1		JUSCM201	"X'01" Reserved for development
31	(1F)	BITSTRING	1	JUSCMFG3	Common section flag three
Comment					
----- Definition of JUSCMFG3. -----					
End of Comment					
		1... ..		JUSCM380	"X'80" Reserved for development
		.1.. ..		JUSCM340	"X'40" Reserved for development
		..1.		JUSCM320	"X'20" Reserved for development
		...1		JUSCM310	"X'10" Reserved for development
		.... 1...		JUSCM308	"X'08" Reserved for development
		.... .1..		JUSCM304	"X'04" Reserved for development
		.... ..1.		JUSCM302	"X'02" Reserved for development
		.... ...1		JUSCM301	"X'01" Reserved for development

IATYJUSF Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
End of JESXCF User State Information.					
End of Comment					
32	(20)	BITSTRING	1	JUSEND (0)	End of user state info
32	(20)	X'20'	0	JUSSIZE	"JUSEND-JUSSTART" Size of user state info
Comment					
Make sure that the user state field is exactly 32 bytes.					
End of Comment					
32	(20)	BITSTRING	0	(0)	Don't go over 32
32	(20)	BITSTRING	1	(0)	Don't go under 32

IATYJUSF Cross Reference

Name

JUPCOMON
 JUSAMRCG
 JUSCMFG1
 JUSCMFG2
 JUSCMFG3

 JUSCM101
 JUSCM102
 JUSCM104
 JUSCM108
 JUSCM110

 JUSCM120
 JUSCM140
 JUSCM180
 JUSCM201
 JUSCM202

 JUSCM204
 JUSCM208
 JUSCM210
 JUSCM220
 JUSCM240

 JUSCM280
 JUSCM301
 JUSCM302
 JUSCM304
 JUSCM308

 JUSCM310
 JUSCM320
 JUSCM340
 JUSCM380
 JUSCONAC

 JUSEND
 JUSHS140
 JUSJESRS
 JUSJSFG1
 JUSJSFG2

 JUSJSFG3
 JUSJSFG4
 JUSJSXC2
 JUSJS101
 JUSJS102

Name

JUSJS104
JUSJS108
JUSJS110
JUSJS120
JUSJS201

JUSJS202
JUSJS204
JUSJS208
JUSJS210
JUSJS220

JUSJS240
JUSJS280
JUSJS301
JUSJS302
JUSJS304

JUSJS308
JUSJS310
JUSJS320
JUSJS340
JUSJS380

JUSJS401
JUSJS402
JUSJS404
JUSJS408
JUSJS410

JUSJS420
JUSJS440
JUSJS480
JUSJXFG1
JUSSIZE
JUSSTART

IATYJVD Information

IATYJVD Programming Interface information

Programming Interface information

IATYJVD

The following fields are **NOT** programming interface information:

- JVDDMJV
- JVDDMJP
- JVDDMJS
- JVDDMJD
- JVDDMJE
- JVDDMJJ
- JVDDMJK
- JVDDMJD
- JVDDMJE
- JVDDMJJ
- JVDDMJK
- JVDJQAD
- JVDUX14
- JVDVIOAR
- JVDVIOEX
- JVDVIWAD
- JVDVJOB
- JVDVMSG
- JVDVSRE
- JVDVSRV
- JVDVTAT
- JVDXVIOA

End of Programming Interface information

Heading Information • IATYJVD Map

IATYJVD Heading Information

Common Name: JES3 JOB validation/restart data CSECT
Macro ID: IATYJVD
DSECT Name: JVDSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JVD
 Offset: JVDID
 Length: 4
Storage Attributes: Auxiliary Storage: N/A
 Subpool: 0
 Key: 1 (JESKEY)
 Residency: ANY
Size: JVDSIZE
Created by: IATINJV
Pointed to by: R13 under INJOBVAL FCT,
 JVWJVDAD in IATYJVD
Serialization: NONE
Function: Used to pass information to the job
 validation and restart modules.

IATYJVD Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JVDSTART	
0	(0)	SIGNED	4	JVDREGS (18)	REGISTER SAVE AREA
72	(48)	CHARACTER	4	JVDID	DATA AREA IDENTIFIER
76	(4C)	ADDRESS	4	JVDFCTAD	FCT ADDRESS
80	(50)	ADDRESS	4	JVDJVQAD	JVQ ADDRESS
84	(54)	ADDRESS	4	JVDJVVAD	ADDRESS OF JWV FOR CURRENT JOB
88	(58)	ADDRESS	4	JVDVIWAD	Address of Job Validation I/O Work Area (VIW)
92	(5C)	ADDRESS	4	JVDDSPEP	ADDRESS OF DSP JBVAL EP TABLE
96	(60)	ADDRESS	4	JVDSRCPB	ADDRESS OF SRV DESC CELL POOL BLOCK

Comment

 MODULE/SUBROUTINE ENTRY POINT ADDRESSES SUPPLIED BY IATINJV

End of Comment

100	(64)	ADDRESS	4	JVDVMSG	IATINJV - IATXVMSG EP
104	(68)	ADDRESS	4	JVDJVDR	IATJVDR - IATJVDR MODULE START ADDRESS
108	(6C)	ADDRESS	4	JVDDMJV	IATDMJV - ADDRESS OF IATDMJV EP TABLE
112	(70)	ADDRESS	4	JVDVJOB	IATDMJV - JOB SPOOL VALIDATION EP
116	(74)	ADDRESS	4	JVDVFDB	IATDMJV - IATXVFDB EP
120	(78)	ADDRESS	4	JVDVTAT	IATDMJV - IATXVTAT EP
124	(7C)	ADDRESS	4	JVDVSRV	IATDMJV - IATXVSRV EP
128	(80)	ADDRESS	4	JVDVSRE	IATDMJV - IATXVSRE EP
132	(84)	ADDRESS	4	JVDIJOB	IATDMJV - Initial Job Spool Validation E.P.
136	(88)	ADDRESS	4	JVDUX14	IATUX14 - IATUX14 MODULE START ADDRESS
140	(8C)	ADDRESS	4	JVDXVIOA	IATDMVIO - Job Validation I/O Services E.P.

Comment

 JVDSTAT --- RESTART/VALIDATION DSP STATUS INDICATORS

End of Comment

144	(90)	BITSTRING	1	JVDSTAT	
		1... ..		JVDSINIT	"X'80" DSP INITIALIZATION IN PROGRESS
		.1.		JVDSJOBS	"X'40" JOB SELECT IN PROGRESS
		..1.		JVDSJOBV	"X'20" JOB VALIDATION IN PROGRESS
		...1		JVDSJOBT	"X'10" JOB CLEANUP IN PROGRESS
		.... 1...		JVDSTERM	"X'08" DSP TERMINATION IN PROGRESS

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... .1..		JVDSFAIL	"X'04" DSP FAILSOFT RECOVERY IN PROGRESS
		.... ..1.		JVDSABN2	"X'02" DSP FAILSOFT FAILURE
Comment					

JVDOPT --- INITIALIZATION OPTIONS INDICATORS

End of Comment					
145	(91)	BITSTRING	1	JVDOPT	
		1...		JVDSPALL	"X'80" SPOOL SPACE MUST BE REALLOCATED
		.1..		JVDSPCHK	"X'40" ENSURE SPOOL SPACE ALREADY ALLOCATED
		..1.		JVDANALS	"X'20" PERFORM ANALYSIS OF SPOOL RECS
		...1		JVDRSTRT	"X'10" PERFORM JOB RESTART
Comment					

Parameter Lists.

VDVIOAR IATXVIO FUNC=ADD_READ, IATXVIO ADD_READ parm list

End of Comment					
Comment					

\$\$5= SDSFASST HJS7760 080720 PD0TN: z 1.11.0
IATXVIO FUNC=ADD_READ, IATXVIO ADD_READ List Form X

End of Comment					
148	(94)	SIGNED	4	JVDVIOAR (0)	IATXVIO ADD_READ List Form
148	(94)	ADDRESS	4		FDB address
152	(98)	ADDRESS	4		Root FDB address
156	(9C)	ADDRESS	4		Description address
160	(A0)	CHARACTER	4		Control block id
164	(A4)	ADDRESS	4		Job name address
168	(A8)	ADDRESS	4		Job id address
168	(A8)	X'18'	0	JVDVIASZ	"*-JVDVIOAR" Size of parameter list
Comment					

VDVIOEX IATXVIO FUNC=EXTRACT, IATXVIO EXTRACT parm list

End of Comment					
Comment					

\$\$5= SDSFASST HJS7760 080720 PD0TN: z 1.11.0
IATXVIO FUNC=EXTRACT, IATXVIO EXTRACT List Form X

End of Comment					
172	(AC)	SIGNED	4	JVDVIOEX (0)	IATXVIO EXTRACT List Form
172	(AC)	SIGNED	4		Search argument
176	(B0)	ADDRESS	4		Output root FDB address
180	(B4)	ADDRESS	4		Output description address
184	(B8)	ADDRESS	4		Output FDB pointer address
184	(B8)	X'10'	0	JVDVIESZ	"*-JVDVIOEX" Size of parameter list
188	(BC)	BITSTRING	1	JVDRSVD1 (2)	RESERVED FOR DEVELOPMENT
192	(C0)	SIGNED	4	JVDRSVD2 (2)	RESERVED FOR DEVELOPMENT
200	(C8)	SIGNED	4	JVDRSVS1 (2)	RESERVED FOR SERVICE
208	(D0)	SIGNED	4	JVDRSVU1 (2)	RESERVED FOR USER
208	(D0)	X'D8'	0	JVDEND	***
208	(D0)	X'D8'	0	JVDSIZE	"JVDEND-JVDSTART" SIZE OF JVD

IATYJVD Cross Reference

IATYJVD Cross Reference

Name

JVDANALS
JVDDMJV
JVDDSEPEP
JVDEND
JVDFCTAD

JVDID
JVDIJOB
JVDJVDR
JVDJVQAD
JVDJVWAD

JVDOPT
JVDSREGS
JVDRSTRT
JVDRSVD1
JVDRSVD2

JVDRSVS1
JVDRSVU1
JVDSABN2
JVDSFAIL
JVDSINIT

JVDSIZE
JVDSJOBS
JVDSJOBT
JVDSJOBV
JVDSBALL

JVDSCHK
JVDSRCPB
JVDSSTART
JVDSSTAT
JVDSTERM

JVVDUX14
JVVDVFB
JVVDVIASZ
JVVDVIESZ
JVVDVIOAR

JVVDVIOEX
JVVDVIWAD
JVVDVJOB
JVVDVMSG
JVVDVSRE

JVVDVSRV
JVVDVTAT
JVVDXVIOA

IATYJVL Information

IATYJVL Heading Information

Common Name: Job Validation/Restart Error Logout Data Area
Macro ID: IATYJVL
DSECT Name: JVLSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JVL
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: JESPOOL
 Auxiliary Storage: N/A
Size: JVLSIZE
Created by: IATINLG
Pointed to by: R13 in the INJOBSNP FCT
Serialization: None
Function: The Job Validation/Restart Error Logout Data Area (JVL) is used to pass information to the job snap modules from the INJOBSNP FCT driver module, IATINLG. It contains the pointers to routines and the data areas used by the job snap modules.

IATYJVL Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	JVLSTART	
0	(0)	SIGNED	4	JVLREGS (18)	SAVE AREA
72	(48)	CHARACTER	4	JVLID	DATA AREA IDENTIFIER
76	(4C)	ADDRESS	4	JVLFACTA	INJOBSNP FCT ADDRESS
80	(50)	ADDRESS	4	JVLJVQAD	ADDRESS OF JVQ
84	(54)	ADDRESS	4	JVLJVWAD	ADDRESS OF CURRENT JVW
88	(58)	ADDRESS	4	JVLJVLG	IATJVLG MODULE ADDRESS
92	(5C)	ADDRESS	4	JVLDMLG	IATDMLG EP ADDRESS
96	(60)	ADDRESS	4	JVLSJOB	IATJVLG JOB SNAP EP ADDRESS
100	(64)	ADDRESS	4	JVLPRNT	SNAP PRINT LINE ROUTINE
104	(68)	ADDRESS	4	JVLSNPRT	CNTL BLK SNAP ROUTINE
108	(6C)	ADDRESS	4	JVLSRV	CURRENT SRV ENTRY SAVE AREA
112	(70)	ADDRESS	4	JVLSRVBL	CURRENT SRV BLOCK SAVE AREA
116	(74)	SIGNED	4	JVLSRVCT	CURRENT SRV COUNT
120	(78)	SIGNED	2	JVLSOFST	SUPPRESSED OFFSET START
122	(7A)	SIGNED	2	JVLEOFST	SUPPRESSED OFFSET END
124	(7C)	SIGNED	4	JVLSRV	RESERVED FOR DEVELOPMENT
128	(80)	DBL WORD	8	JVLWORK	CONVERSION WORK AREA

Comment

 JVLWKFDB --- SINGLE RECORD FILE WORK FDB

End of Comment

136	(88)	BITSTRING	1	JVLWKFDB	SINGLE RECORD FILE WORK FDB
-----	------	-----------	---	----------	-----------------------------

Comment

 JVLISTAT --- IATINLG CURRENT FUNCTION (JESTAE FOOTPRINT)

End of Comment

148	(94)	BITSTRING	1	JVLISTAT	
-----	------	-----------	---	----------	--

IATYJVL Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
148	(94)	X'1'	0	JVLDOPN	"1" OPEN OF JES3SNAP
148	(94)	X'2'	0	JVLOAD	"2" LOADING SNAP MODULES
148	(94)	X'3'	0	JVLREQ	"3" WAITING FOR A JOB
148	(94)	X'4'	0	JVLACTV	"4" JOB SNAP PROCESSING ACTIVE
148	(94)	X'5'	0	JVLDONE	"5" JOB SNAP COMPLETE
148	(94)	X'6'	0	JVLDEL	"6" DELETING SNAP MODULES
148	(94)	X'7'	0	JVLDCLS	"7" CLOSE OF JES3SNAP

Comment

 JVLJSTAT --- IATJVLG CURRENT FUNCTION (JESTAE FOOTPRINT)

End of Comment

149	(95)	BITSTRING	1	JVLJSTAT	
149	(95)	X'1'	0	JVLJVWFM	"1" FORMATTING THE JVW
149	(95)	X'2'	0	JVLJVWSP	"2" PROCESSING THE JVW SNAP
149	(95)	X'3'	0	JVLJVWST	"3" PROCESSING STATUS INDICATORS
149	(95)	X'4'	0	JVLQMSG	"4" PRINTING QUEUED JOB MESSAGES
149	(95)	X'5'	0	JVLDMCLD	"5" CALLED DMLG FOR SPOOL SNAP

Comment

 JVLDSTAT --- IATDMLG CURRENT FUNCTION (JESTAE FOOTPRINT)

End of Comment

150	(96)	BITSTRING	1	JVLDSTAT	
150	(96)	X'1'	0	JVLDSUM	"1" SPOOL SUMMARY PROCESSING
150	(96)	X'2'	0	JVLDEREC	"2" SPOOL RECORD PROCESSING
150	(96)	X'3'	0	JVLUNKS	"3" UNKNOWN SRV PROCESSING

Comment

 JVLFLAG1 --- SNAP INDICATORS

End of Comment

151	(97)	BITSTRING	1	JVLFLAG1	
		1...		JVLRETRY	"X'80" INJV JESTAE ROUTINE IN CONTROL
		.1..		JVLDESCR	"X'40" SUMMARY DESCRIPTOR MSG NEEDED
		..1.		JVLUNSRV	"X'20" UNKNOWN SRV FOUND FOR JOB
152	(98)	SIGNED	4	JVLRVDD (2)	RESERVED FOR DEVELOPMENT
160	(A0)	SIGNED	4	JVLRVSDS (2)	RESERVED FOR SERVICE
168	(A8)	SIGNED	4	JVLRVSDU (2)	RESERVED FOR USER

Comment

 JES3SNAP PRINT LINE

End of Comment

176	(B0)	SIGNED	4	JVLREC (0)	
176	(B0)	ADDRESS	2	JVLBDW (2)	BLOCK DESCRIPTOR WORD
180	(B4)	ADDRESS	2	JVLRDW (2)	RECORD DESCRIPTOR WORD
184	(B8)	CHARACTER	121	JVLLINE	PRINT LINE AREA
184	(B8)	X'131'	0	JVLEND	***
305	(131)	CHARACTER	121	JVLMSGWK	MESSAGE WORK AREA
426	(1AA)	CHARACTER	121	JVLSLINE	LINES SUPPRESSED MSG WORK AREA
547	(223)	BITSTRING	1	JVLRVSD1	RESERVED FOR DEVELOPMENT

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

JES3SNAP WRITE PARAMETER LIST					

WRITE JVLWRITE,SF,JVLDCB,JVLREC,MF=L					
End of Comment					
548	(224)	SIGNED	4	JVLWRITE	EVENT CONTROL BLOCK
552	(228)	BITSTRING	1		TYPE FIELD
553	(229)	BITSTRING	1		TYPE FIELD
554	(22A)	ADDRESS	2		LENGTH
556	(22C)	ADDRESS	4		DCB ADDRESS
560	(230)	ADDRESS	4		ADDRESS OF 64-BIT PTR
564	(234)	ADDRESS	4		RECORD POINTER WORD
Comment					

JES3SNAP OPEN PARAMETER LIST					

JVLOPEN OPEN (JVLDCB,OUTPUT),MF=L					
End of Comment					
568	(238)	SIGNED	4	JVLOPEN (0)	ALIGN LIST TO WORD
568	(238)	ADDRESS	1		Option byte
569	(239)	ADDRESS	3		DCB or ACB address
Comment					

JES3SNAP DCB					

JVLDCB DCB DDNAME=JES3SNAP,DEV=DA,DSORG=PS,MACRF=W,RECFM=VBA, BLKSIZE=882,LRECL=125,SYNAD=JVLBR14 DATA CONTROL BLOCK					
End of Comment					
572	(23C)	SIGNED	4	JVLDCB (0)	ORIGIN ON WORD BOUNDARY DIRECT ACCESS DEVICE INTERFACE
572	(23C)	BITSTRING	16		FDAD, DVTBL
588	(24C)	ADDRESS	4		KEYLEN, DEVT, TRBAL COMMON ACCESS METHOD INTERFACE
592	(250)	ADDRESS	1		BUFNO, NUMBER OF BUFFERS
593	(251)	ADDRESS	3		BUFCB, BUFFER POOL CONTROL BLOCK
596	(254)	ADDRESS	2		BUFL, BUFFER LENGTH
598	(256)	BITSTRING	2		DSORG, DATA SET ORGANIZATION
600	(258)	ADDRESS	4		IOBAD FOR EXCP OR RESERVED FOUNDATION EXTENSION
604	(25C)	BITSTRING	1		BFTEK, BFALN, DCBE INDICATORS
605	(25D)	ADDRESS	3		EODAD (END OF DATA ROUTINE ADDRESS)
608	(260)	BITSTRING	1		RECFM (RECORD FORMAT)
609	(261)	ADDRESS	3		EXLST (EXIT LIST ADDRESS) FOUNDATION BLOCK
612	(264)	CHARACTER	8		DDNAME
620	(26C)	BITSTRING	1		OFLGS (OPEN FLAGS)
621	(26D)	BITSTRING	1		IFLGS (IOS FLAGS)
622	(26E)	BITSTRING	2		MACR (MACRO FORMAT) BSAM-BPAM-QSAM INTERFACE
624	(270)	BITSTRING	1		OPTCD, OPTION CODES
625	(271)	ADDRESS	3		CHECK OR INTERNAL QSAM SYNCHRONIZING RTN.
628	(274)	ADDRESS	4		SYNAD, SYNCHRONOUS ERROR RTN. (3 BYTES)
632	(278)	SIGNED	2		INTERNAL ACCESS METHOD FLAGS
634	(27A)	ADDRESS	2		BLKSIZE, BLOCK SIZE
636	(27C)	SIGNED	4		INTERNAL ACCESS METHOD FLAGS

IATYJVL Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
640	(280)	ADDRESS	4		INTERNAL ACCESS METHOD USE BSAM-BPAM INTERFACE
644	(284)	ADDRESS	1		NCP, MAX NUM OF OUTSTANDING READ/WRITES
645	(285)	ADDRESS	3		EOBR, INTERNAL ACCESS METHOD USE
648	(288)	ADDRESS	4		EOBW, INTERNAL ACCESS METHOD USE
652	(28C)	ADDRESS	1	(2)	FLAGS AND EITHER DIRCT OR BUFOFF
654	(28E)	ADDRESS	2		LRECL
656	(290)	ADDRESS	4		CNTRL, NOTE, POINT

Comment

 JES3SNAP OPEN SYNAD EXIT ROUTINE

End of Comment

Comment

 CONVERT A HEXADECIMAL VALUE TO PRINTABLE HEX ROUTINE

JVLACVX ACVX , GENERATE PRINTABLE HEX

\$TD= J3SPLDTA HJS7790 110817 RD0DJ: z 2.1.0

End of Comment

662	(296)	SIGNED	2	JVLACVX (0)	ALIGNMENT
686	(2AE)	SIGNED	2	S0011 (3)	WORK AREA
692	(2B4)	SIGNED	2	T0011 (5)	WORK AREA
702	(2BE)	CHARACTER	16	V0011	XLATE TABLE

Comment

ON ENTRY R1 POINTS TO TARGET WORD, ON EXIT R1 POINTS TO PRINTABLE

End of Comment

702	(2BE)	X'2CE'	0	JVLEND	*** END OF THE JVL
702	(2BE)	X'2CE'	0	JVLSIZE	"JVLEND-JVLSTART" SIZE OF THE JVL DATA AREA

IATYJVL Cross Reference

Name

JVLACTV
 JVLACVX
 JVLBDW
 JVLDCB
 JVLDCLS
 JVLDEL
 JVLDESCR
 JVLDMCLD
 JVLDMLG
 JVLDONE
 JVLDOPN
 JVLDREC
 JVLDSTAT
 JVLDSUM
 JVLEND
 JVLEOFST
 JVLFACTA
 JVLFLAG1
 JVLID
 JVLSTAT

Name

JVLJSTAT
JVLJVLG
JVLJVQAD
JVLJVWAD
JVLJVWFM

JVLJVWSP
JVLJVWST
JVLEND
JVLLINE
JVLOAD

JVLMSGWK
JVLOPEN
JVLPRNT
JVLQMSG
JVLRDW

JVLREC
JVLREGS
JVLREQ
JVLRETRY
JVLRSRV

JVLRSVDD
JVLRSVDS
JVLRSVDU
JVLRSVD1
JVLSIZE

JVLSJOB
JVLSLINE
JVLSPRT
JVLSOFST
JVLSRV

JVLSRVBL
JVLSRVCT
JVLSTART
JVLUNKS
JVLUNSRV

JVLWKFDB
JVLWORK
JVLWRITE
S0011
T0011
V0011

IATYJVQ Information

IATYJVQ Heading Information

Common Name: JES3 initialization job validation queue control
Macro ID: IATYJVQ
DSECT Name: JVQSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JVQ
 Offset: JVQID
 Length: 4
Storage Attributes: Auxiliary Storage: N/A
 Subpool: 0 (JESPOOL)
 Key: 1 (JESKEY)
 Residency: ANY
Size: JVQSIZE
Created by: IATINJR
Pointed to by: JVDJVQAD in IATYJVD,
 JVLJVQAD in IATYJVL,
 JVWJVQAD in IATYJVW
Serialization: NONE
Function: Maps the data area used to communicate between JSS during JES3 initialization and the JOB VALIDATION and SNAP FCTS.

IATYJVQ Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JVQSTART	
0	(0)	CHARACTER	4	JVQID	DATA AREA IDENTIFIER
4	(4)	ADDRESS	4	JVQSNAPA	ADDRESS OF SNAP WORK AREA
8	(8)	ADDRESS	4	JVQJVWAD	ADDRESS OF JVW AREA
12	(C)	SIGNED	4	JVQJVWSZ	SIZE OF THE JVW AREA
16	(10)	ADDRESS	4	JVQDSPEP	ADDRESS OF DSP JBVAL EP TABLE
20	(14)	ADDRESS	4	JVQSRCPB	ADDRESS OF SRV DESC CELL POOL BLOCK
24	(18)	ADDRESS	4	JVQVICPB	Address of the Job Validation I/O Element (VIO) cell pool block
28	(1C)	ADDRESS	4	JVQXVIOA	Address of the Job Validation I/O Services module (IATDMVIO)
32	(20)	SIGNED	2	JVQDSPLN	SIZE OF THE DSP JBVAL EP TABLE
34	(22)	SIGNED	2	JVQDSPCT	NUMBER OF DSP JBVAL TABLE ENTRIES
36	(24)	SIGNED	2	JVQFCTCT	NUMBER OF JOB PROCESSING FCTS COMPLETE
38	(26)	SIGNED	2	JVQFCTAT	NUMBER OF JOB PROCESSING FCTS ATTACHED
40	(28)	SIGNED	2	JVQJVWCT	NUMBER OF JVW ELEMENTS CONSTRUCTED
42	(2A)	SIGNED	2	JVQJCTSZ	SIZE OF EACH JCT RECORD

Comment

 JVQOPT --- JES3 INITIALIZATION OPTION INDICATORS

End of Comment

44	(2C)	BITSTRING	1	JVQOPT	
		1... ..		JVQSPALL	"X'80" SPOOL SPACE MUST BE REALLOCATED
		.1.. ..		JVQSPCHK	"X'40" ENSURE SPOOL SPACE ALREADY ALLOCATED
		..1.		JVQANALS	"X'20" PERFORM ANALYSIS OF SPOOL RECORDS
		...1		JVQRSTR	"X'10" PERFORM JOB RESTART

IATYJVQ Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

JVQSTAT --- IATINJR STATUS INDICATORS					

End of Comment					
45	(2D)	BITSTRING	1	JVQSTAT	
		1...		JVQJCTER	"X'80" ERROR(S) ENCOUNTERED READING JCT
		.1.		JVQDSABL	"X'40" JOB CANCEL/SYSTEM DISABLE REQUESTED
		..1.		JVQSNPAT	"X'20" INJOBSNP FCT HAS BEEN ATTACHED
		...1		JVQNOSNP	"X'10" ATTACH OF INJOBSNP NOT ALLOWED
		.... 1..		JVQSNPER	"X'08" INJOBSNP FAILURE
		.... .1..		JVQDLALL	"X'04" Operator replied CONT(INUE),ALL to the IAT4174 WTOR
Comment					

JVQECF --- IATINJR/IATINJV COMMUNICATIONS ECF					

End of Comment					
46	(2E)	BITSTRING	1	JVQECF	
		1...		JVQEJVWJ	"X'80" JVQJVWJQ IS NOT EMPTY
		.1.		JVQEJVWW	"X'40" JVQJVWWQ IS NOT EMPTY
		..1.		JVQEJVWT	"X'20" JVQJVWTQ IS NOT EMPTY
		...1		JVQEJVWS	"X'10" JVQJVWSQ IS NOT EMPTY
		.... 1..		JVQETERM	"X'08" TERMINATE THE IATINJV FCTS
		.... .1..		JVQESTRM	"X'04" TERMINATE THE IATINLG FCT
		.... ..1.		JVQEFCTT	"X'02" AN FCT TERMINATED
		.... ...1		JVQEFCTF	"X'01" AN FCT FAILED TO INITIALIZE
Comment					

JVQACTN - IATINJR WTOR ACTIONS					

End of Comment					
47	(2F)	BITSTRING	1	JVQACTN	WTOR ACTIONS
		1...		JVQSNPAL	"X'80" OPERATOR REQUESTED SNAP, ALL TO IAT4174
		.1.		JVQHOLD	"X'40" OPERATOR REQUESTED HOLD, ALL TO IAT4140
		..1.		JVQCANCL	"X'20" OPERATOR REQUESTED CANCEL, ALL TO IAT4140
Comment					

QUEUE HEADS FOR JOB VALIDATION WORK AREAS					

End of Comment					
48	(30)	ADDRESS	4	JVQJVWWQ	JVW'S WAITING FOR AN IATINJV FCT
52	(34)	ADDRESS	4	JVQJVWTQ	JVW'S WAITING FOR JOB TERM PROCESSING
56	(38)	ADDRESS	4	JVQJVWJQ	JVW'S WAITING FOR A JOB
60	(3C)	ADDRESS	4	JVQJVWSQ	JVW'S WAITING FOR THE IATINLG FCT

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				

JCT DATA SET PROCESSING WORK FIELDS					

End of Comment					
64	(40)	ADDRESS	4	JVQJCTBF	PTR TO JSAM BUFFER FOR JCT UPDATING
68	(44)	SIGNED	4	JVQLOWMR	FIRST JCT RECORD NUMBER (R OF M.R)
72	(48)	SIGNED	4	JVQHIGHR	Last used JCT record number as determined by IATINJQ
76	(4C)	SIGNED	4	JVQSIOMR	RECORD NUMBER OF LAST RECORD READ
80	(50)	SIGNED	4	JVQJOBQA	TOD HIGHEST JOB NO ADDED TO QUEUE
84	(54)	SIGNED	4	JVQJOBQN	JOB NUMBER OF HIGHEST JOB ADDED
88	(58)	SIGNED	2	JVQDATSZ	SIZE OF DAT FOR JCT INPUT
90	(5A)	SIGNED	2	JVQDATPG	NUMBER OF DATS PER 4K PAGE
92	(5C)	ADDRESS	4	JVQIOAD	ADDRESS OF DMC/DAT AREA
96	(60)	SIGNED	4	JVQIOSIZ	LENGTH OF DMC/DAT AREA
100	(64)	SIGNED	4	JVQDMCSZ	OFFSET TO START OF DAT AREA
104	(68)	ADDRESS	4	JVQDMCFQ	HEAD OF FREE DMC QUEUE
108	(6C)	SIGNED	2	JVQDMCFC	NUMBER OF DMCS ON THE JVQDMCFQ
110	(6E)	SIGNED	2	JVQJCTTK	NUMBER OF JCTS ON EACH TRACK
112	(70)	ADDRESS	4	JVQDMCPH	HEAD OF PENDING DMC QUEUE
116	(74)	ADDRESS	4	JVQDMCPT	TAIL OF PENDING DMC QUEUE
120	(78)	ADDRESS	4	JVQSYS LH	Pointer to chain of IATYSYSL build areas
124	(7C)	ADDRESS	4	JVQSYSLE	Pointer to chain of IATYSYSL build entries, sorted by time
128	(80)	SIGNED	4	JVQRSVD1 (2)	RESERVED FOR DEVELOPMENT
136	(88)	SIGNED	4	JVQRSVS1 (2)	RESERVED FOR SERVICE
144	(90)	SIGNED	4	JVQRSVU1 (2)	RESERVED FOR USER
152	(98)	BITSTRING	1	JVQSECLS	XSEC PARM LIST AREA FOR IATINJR 0460
152	(98)	X'860'	0	JVQEND	***
152	(98)	X'860'	0	JVQSIZE	"JVQEND-JVQSTART"

IATYJVQ Cross Reference

Name

- JVQACTN
- JVQANALS
- JVQCANCL
- JVQDATPG
- JVQDATSZ
- JVQDLALL
- JVQDMCFC
- JVQDMCFQ
- JVQDMCPH
- JVQDMCPT
- JVQDMCSZ
- JVQDSABL
- JVQDSPCT
- JVQDSPEP
- JVQDSPLN
- JVQECF
- JVQEFCTF
- JVQEFCTT
- JVQEJVWJ
- JVQEJVWS
- JVQEJVWT
- JVQEJVWW
- JVQEND
- JVQESTRM
- JVQETERM

IATYJVQ Cross Reference

Name

JVQFCTAT
JVQFCTCT
JVQHIGHR
JVQHOLD
JVQID

JVQIOAD
JVQIOSIZ
JVQJCTBF
JVQJCTER
JVQJCTSZ

JVQJCTTK
JVQJOBQA
JVQJOBQN
JVQJVWAD
JVQJVWCT

JVQJVWJQ
JVQJVWSQ
JVQJVWSZ
JVQJVWTQ
JVQJVWWQ

JVQLOWMR
JVQNOSNP
JVQOPT
JVQRSTRT
JVQRSVD1

JVQRSVS1
JVQRSVU1
JVQSECLS
JVQSIOMR
JVQSIZE

JVQSNAPA
JVQSNPAL
JVQSNPAT
JVQSNPER
JVQSPALL

JVQSPCHK
JVQSFCPB
JVQSTART
JVQSTAT
JVQSYSLE

JVQSYSLH
JVQVICPB
JVQXVIOA

IATYJVT Information

IATYJVT Programming Interface information

Programming Interface information

IATYJVT

End of Programming Interface information

Heading Information • IATYJVT Map

IATYJVT Heading Information

Common Name: JOB VOLUME TABLE RECORD
Macro ID: IATYJVT
DSECT Name: JVTSTART (FIXED SECTION), JVTEXTY (VARIABLE ENTRY)
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JVT
 Offset: 8
 Length: 4
Storage Attributes: Auxiliary Storage: SPOOL
 Subpool: 230
 Key: 1 (JESKEY)
 Residency: ANY
Size: JVTHSIZ (FOR JVTSTART)
 JVTESIZ (FOR JVTEXTY)
Created by: IATIIDY,
 IATIIP0X,
 IATIIPR
Pointed to by: JSTJVTFD IN IATYJST
Serialization: VIA MDSVGET MACRO
Function: THIS DATA AREA CONTAINS LISTS OF VOLUMES AND FLAGS AND IS USED TO PRE-ALLOCATE VOLUMES FOR A JOB. USED WITH THE JST. EACH ENTRY IS ASSOCIATED WITH A JST ENTRY. THE FIRST JVT ENTRY ASSOCIATED WITH EACH JST ENTRY IS COPIED INTO THE JST ENTRY.

IATYJVT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYJVT	
0	(0)	STRUCTURE	0	JVTSTART	
0	(0)	BITSTRING	6	JVTTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	JVTCNT	USER COUNT.
8	(8)	CHARACTER	4	JVTID	FILE ID.
12	(C)	BITSTRING	12	JVTCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	JVTVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	JVTDATA (0)	START OF USER DATA AREA.
28	(1C)	SIGNED	2	JVTLNGTH	LENGTH OF HEADER + ENTRIES
30	(1E)	SIGNED	2	JVTHJES3	RESERVED FOR JES3
32	(20)	SIGNED	4	JVTRVCHN	REVERSE JVT CHAIN
36	(24)	SIGNED	2	JVTHDRL	LENGTH OF HEADER AREA
38	(26)	SIGNED	2	JVTENTL	LENGTH OF EACH ENTRY
40	(28)	SIGNED	2	JVTLOW	LOWEST ENTRY NO. IN THIS REC
42	(2A)	SIGNED	2	JVTHIGH	HIGHEST ENTRY NO. IN THIS RE
44	(2C)	BITSTRING	1	JVTHFLG	JVTHFLG FLAG BYTE

Comment

DEFINITION OF JVTHFLG

End of Comment

		1... ..		JVTCMPLT	"X'80" C/I JVT PROCESSING IS COMPLETE. SET AFTER POSTSCAN PROCESSING IS COMPLETE AND JUST BEFORE THE LAST TIME THE JVT IS WRITTEN.
45	(2D)	BITSTRING	1	JVTHFLG2	JVTHFLG2 FLAG BYTE 2
48	(30)	SIGNED	4	JVTHEND (0)	END OF JVT HEADER
48	(30)	BITSTRING	1	JVTHSIZ (0)	HDR SIZE USED FOR JVT BUILD

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JVTEXTY	
0	(0)	BITSTRING	6	JVTVLSER (0)	VOLUME SERIAL NUMBER
0	(0)	BITSTRING	2	JVTJNUMC	Compatible with &VTJNUM - see IATXJBNO macro
2	(2)	BITSTRING	2	JVTJSIDX	JST ID
4	(4)	BITSTRING	2	JVTJVIDX	JVT ID

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
6	(6)	BITSTRING	1	JVTSTPNO	STEP NUMBER
7	(7)	BITSTRING	1	JVTVLSEQ	REL. VOL. POS. IN DD
8	(8)	BITSTRING	2	JVTJSTID	PTR TO JST ENTRY
10	(A)	BITSTRING	2	JVTRSVDD	Reserved for IBM
12	(C)	SIGNED	4	JVTJNUM	Binary job number
16	(10)	BITSTRING	1	JVTFLAG1	JVTFLAG1 ENTRY FLAG BYTE 1
		1...		JVTMOUNT	"X'80" VOLUME IS MOUNTED
		.1..		JVTMATCH	"X'40" VOLUME IS MATCHED
		..1.		JVTFIRST	"X'20" VOLUME IS FIRST OF GROUP
		...1		JVTDUMMY	"X'10" DUMMY JVT ENTRY
		.... 1...		JVTLSTVL	"X'08" LAST VOLUME OF DD
		.... .1..		JVTUNAFF	"X'04" UNIT AFF FOR THIS VOL
		.... ..1.		JVTLSTUS	"X'02" LAST USE OF VOL IN JOB
		.... ...1		JVTSTRLS	"X'01" VOL RELEASABLE AT STEP END
17	(11)	BITSTRING	1	JVTFLAG2	JVTFLAG2 ENTRY FLAG BYTE 2
		1...		JVTPRMNT	"X'80" VOL PREVIOUSLY MOUNTED
		.1..		JVTPRES	"X'40" VOL PERMANENTLY RESIDENT
		..1.		JVTJSTAL	"X'20" JVTJSTID IS JST (NOT IJS)
		...1		JVTFSTUS	"X'10" 1ST USE OF VOLUME IN JOB
		.... 1...		JVTFL208	"X'08" Reserved for IBM 0030
		.... .1..		JVTVLNAL	"X'04" VOLUME ALLOCATION FAILURE
		.... ..1.		JVTVDNAL	"X'02" VOLUME'S DEVICE FAILURE
		.... ...1		JVTSCRCH	"X'01" SCRATCH VOLUME
18	(12)	BITSTRING	1	JVTFLAG3	JVTFLAG3 ENTRY FLAG BYTE 3
		1...		JVTLSTJJ	"X'80" LAST JVT FOR JST ENTRY
20	(14)	SIGNED	4	JVTRSVDS	RESERVED FOR SERVICE
24	(18)	SIGNED	4	JVTEEND (0)	END OF JVT ENTRY
24	(18)	BITSTRING	1	JVTESIZ (0)	ENTRY SIZE FOR BUILD

IATYJVT Cross Reference

Name

IATYJVT
 JVTCHN
 JVTCMPLT
 JVTCNT
 JVTDATA
 JVTDUMMY
 JVTEEND
 JVTENTL
 JVTENTRY
 JVTESIZ
 JVTFIRST
 JVTFLAG1
 JVTFLAG2
 JVTFLAG3
 JVTFL208
 JVTFSTUS
 JVTHDRL
 JVTHEND
 JVTHFLG
 JVTHFLG2
 JVTHIGH
 JVTHJES3
 JVTHSIZ
 JVTID
 JVTJNUM
 JVTJNUMC
 JVTJSIDX
 JVTJSTAL
 JVTJSTID
 JVTJVIDX

IATYJVT Cross Reference

Name

JVTLNGTH
JVTLLOW
JVTLSTJJ
JVTLSTUS
JVTLSTVL

JVTMATCH
JVTMOUNT
JVTPRES
JVTPRMNT
JVTRSVDD

JVTRSVDS
JVTRVCHN
JVTSRCH
JVSTART
JVSTPNO

JVSTRLS
JVTRK
JVTUNAFF
JVTVDNAL
JVTVLID

JVTVLNAL
JVTVLSEQ
JVTVLSER

IATYJWV Information

IATYJWV Programming Interface information

Programming Interface information

IATYJWV

End of Programming Interface information

Heading Information • IATYJVW Map

IATYJVW Heading Information

Common Name: Job Validation/Restart Work Area
Macro ID: IATYJVW
DSECT Name: JVWSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: JVW
 Offset: JWVID
 Length: 4
Storage Attributes: Auxiliary Storage: N/A
 Subpool: 0 (JESPOOL)
 Key: 1 (JESKEY)
 Residency: ANY
Size: See Assembler Listing
Created by: IATINJR
Pointed to by: JVDJVWAD in IATYJVD
 JVQJVWAD in IATYJVQ
 JVLJVWAD in IATYJVL
 JVQJVWWQ in IATYJVQ
 JVQJVWTQ in IATYJVQ
 JVQJVWJQ in IATYJVQ
 JVQJVWSQ in IATYJVQ
 JVVNEXT in IATYJVW
Serialization: NONE
Function: Used to represent jobs during validation and restart processing.
 NOTE: Any changes or additions to the flag bytes JVVSTA1 - JVVSTA8 must be reflected in the module which formats them (IATJVLG).

IATYJVW Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	JVWSTART	
0	(0)	CHARACTER	4	JVWVID	DATA AREA IDENTIFIER
4	(4)	ADDRESS	4	JVWJVDAD	BACK PTR TO JVD FOR INJV FCT
8	(8)	ADDRESS	4	JVVNEXT	PTR TO NEXT QUEUED JVW ON JVQJVWTQ, JVQJVWWQ, JVQJVWSQ, OR JVQJVWJQ
12	(C)	ADDRESS	4	JVWSRVAD	ADDRESS OF THE FIRST SRV ENTRY
16	(10)	SIGNED	2	JVWJCTSZ	JCT MAXIMUM/ACTUAL SIZE
18	(12)	SIGNED	2	JVWSECNT	COUNTER FOR NUMBER OF SE'S
24	(18)	DBL WORD	8	JVWWORKD	DOUBLEWORD SCRATCH PAD AREA
32	(20)	DBL WORD	8	JVWCONVD	DOUBLEWORD CONVERSION WORK AREA
40	(28)	SIGNED	4	JVWWORK	FULLWORD WORK AREA

Comment

 JOB SPECIFIC INFORMATION

End of Comment

44	(2C)	SIGNED	4	JVWJOBTD (0)	START OF JOB RELATED DATA
44	(2C)	CHARACTER	8	JVWJOBNM	JOB NAME
52	(34)	CHARACTER	8	JVWJOBID	JOB ID
60	(3C)	ADDRESS	4	JVWMSGQ	HEAD OF MESSAGE BUFFER QUEUE
64	(40)	ADDRESS	4	JVWMSGQE	TAIL OF MESSAGE BUFFER QUEUE
68	(44)	CHARACTER	8	JVWSYSTEM	MAIN NAME IF JOB IS ACTIVE
76	(4C)	CHARACTER	8	JVWFSSID	FSID OF C/I FSS PROCESSING THIS JOB
84	(54)	BITSTRING	12	JVWJCFDB	JCT SPOOL RECORD FDB
96	(60)	ADDRESS	4	JVWJCT	JCT BUFFER ADDRESS
100	(64)	BITSTRING	12	JVWJDFDB	JDAB SPOOL RECORD FDB
112	(70)	ADDRESS	4	JVWJDAB	JDAB BUFFER ADDRESS (ZERO IF JDAB NOT AVAILABLE)
116	(74)	ADDRESS	4	JVWJDATK	IATXVIO token associated with the JDAB

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
120	(78)	BITSTRING	12	JVWJMFDB	JMR SPOOL RECORD FDB
132	(84)	ADDRESS	4	JVWJMR	JMR BUFFER ADDRESS (ZERO IF JMR NOT AVAILABLE)
136	(88)	ADDRESS	4	JVWJMRTK	IATXVIO token associated with the JMR
140	(8C)	BITSTRING	12	JVWJSFDB	JST SPOOL RECORD FDB
152	(98)	BITSTRING	12	JVWDJFDB	DJST SPOOL RECORD FDB
164	(A4)	BITSTRING	12	JVWRTFDB	ROOT SPOOL RECORD FDB
176	(B0)	ADDRESS	4	JVWRESQ	RESQUEUE ADDRESS FOR JOB
180	(B4)	ADDRESS	4	JVWJQEX	JQEX address for job
184	(B8)	ADDRESS	4	JVWRCEAD	ADDRESS OF THE RQ CHAINED SINGLE RECORD FILE EXTENSION (RCE)
188	(BC)	ADDRESS	4	JVWJDSTB	ADDRESS OF THE JDS SPOOL TABLE
192	(C0)	ADDRESS	4	JVWJDSFR	First JDS buffer address
196	(C4)	SIGNED	2	JVWJDTSZ	SIZE OF THE JDS SPOOL TABLE
198	(C6)	SIGNED	2	JVWJDSCCT	NUMBER OF JDS BUFFERS FOR THE JOB
200	(C8)	SIGNED	2	JVWDSTCT	Number of JDS entries with data set TATs in this JDS buffer
202	(CA)	SIGNED	2	JVWDOICT	Number of JDS entries with 09611S2A DOIs to be read in this 09611S2A JDS buffer 09611S2A
204	(CC)	ADDRESS	4	JVWTATFR	Address of first TAT buffer being processed in the current IATXVTAT request
208	(D0)	ADDRESS	4	JVWTATLS	Address of last TAT buffer being processed in the current IATXVTAT request

Comment

 JVWRSTFL --- JOB RESTART FLAGS (SAME AS JQERSTFL)

End of Comment

212	(D4)	BITSTRING	1	JVWRSTFL	JOB RESTART FLAG (SAME AS JQERSTFL)
		1... ..		JVWPCRST	"X'80" PROCLIB RESTART REQUIRED
		.1... ..		JVWSEBY	"X'40" BYPASS OSE BUILD
		..1.		JVWSOMAR	"X'20" JOB HAS A SPINOFF DATA SET ON MAIN. PUT JOB ON BOTH MAIN AND OUTSERV QUEUES

Comment

 JVWSTA1 --- JOB VALIDATION/RESTART STATUS INDICATORS BYTE 1

End of Comment

213	(D5)	BITSTRING	1	JVWSTA1	
		1... ..		JVWCBERR	"X'80" SPOOL RECORD ERROR DETECTED
		.1... ..		JVWVFAIL	"X'40" ABEND DURING JOB VALIDATION
		..1.		JVWPREVD	"X'20" JCT DELETE PREVIOUSLY FLAGGED
		...1		JVWREPS	"X'10" JOB HAS DATA ON A REPLACED SPOOL DATA SET
		.... 1...		JVWDELSP	"X'08" JOB HAS DATA ON A DELETED SPOOL DATA SET
		.... .1..		JVWSPERR	"X'04" SPOOL SPACE REALLOCATION INCOMPLETE
		.... ..1.		JVWDUPTK	"X'02" DUPLICATE TRACKS DETECTED
		.... ...1		JVWDSPAB	"X'01" ACTIVE DSP TERMINATED BY FAILSOFT
213	(D5)	X'FF'	0	JVWST1ER	"JVWPREVD+JVWVFAIL+JVWDELSP+JVWREPS+JVWCBERR+...

Comment

 JVWSTA2 --- JOB VALIDATION/RESTART STATUS INDICATORS BYTE 2

End of Comment

214	(D6)	BITSTRING	1	JVWSTA2	
-----	------	-----------	---	---------	--

IATYJWV Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		1...		JVWUNVSP	"X'80" JOB HAS DATA ON AN UNAVAIL. SPOOL DATA SET
		.1..		JVWHLDSP	"X'40" DATA ON HELD SPOOL DATA SET
		..1.		JVWUNJBT	"X'20" JOBTAT OR JDS WAS UNAVAILABLE OR INVALID
		...1		JVWACTMN	"X'10" JOB IS ACTIVE ON MAIN
		.... 1..		JVWACTCI	"X'08" JOB IS ACTIVE IN A C/I FSS
		.... .1..		JVWSNPDN	"X'04" SNAP OF JOB DATA COMPLETED
		.... ..1.		JVWACPRG	"X'02" JOB WAS ACTIVE IN PURGE
		.... ...1		JVWJCTER	"X'01" SEVERE JCT ERROR --- DO NOT USE
214	(D6)	X'2'	0	JVWST2ER	"JVWACPRG" JVWSTA2 ERROR CONDITIONS CHECKED BY IATINJR

Comment

 JVWSTA3 --- JOB VALIDATION/RESTART STATUS INDICATORS BYTE 3

		BITSTRING	Len	Name (Dim)	Description
Dec	Hex				
		1...	1	JVWSTA3	
		.1..		JVWISDRV	"X'80" JDAB HAS AN EXTRA SE (ISDRVR)
		..1.		JVWDUPOT	"X'40" DUPLICATE TRACKS POTENTIAL
		...1		JVWDUPID	"X'20" DUPLICATE SRV ENTRY FOUND
		.... 1..		JVWMSGNA	"X'10" DIAGNOSTIC MESSAGES LOST DUE TO A VIRTUAL STORAGE SHORTAGE
		.... .1..		JVWJCTUP	"X'08" JCT FOR THE JOB HAS BEEN MODIFIED
		.... ..1.		JVWJCTIE	"X'04" JCT READ ERROR - DO NOT USE
		.... ...1		JVWJCTVE	"X'02" JCT INITIAL VALIDATION FAILED
		.... ...1		JVWJCTNU	"X'01" JCT RECORD HAS NEVER BEEN USED
215	(D7)	X'6'	0	JVWST3ER	"JVWJCTIE+JVWJCTVE" JVWSTA3 ERROR CONDITIONS CHECKED BY IATINJR

Comment

 JVWSTA4 --- JOB VALIDATION/RESTART STATUS INDICATORS BYTE 4

		BITSTRING	Len	Name (Dim)	Description
Dec	Hex				
		1...	1	JVWSTA4	
		.1..		JVWREADQ	"X'80" JWV IS ON THE JCT READ QUEUE
		..1.		JVWREADA	"X'40" JCT INPUT IN PROGRESS
		...1		JVWWAITQ	"X'20" JWV IS ON THE FCT WAIT QUEUE
		.... 1..		JVWACTIV	"X'10" JOB VALIDATION IN PROGRESS
		.... ..1.		JVWTERMQ	"X'08" JWV IS ON THE TERMINATION QUEUE
		.... ...1		JVWTERMA	"X'04" JWV TERMINATION IN PROGRESS
		.... ...1		JVWSNAPQ	"X'02" JWV IS ON THE SNAP QUEUE
		.... ...1		JVWSNAPA	"X'01" JWV SNAP IS IN PROGRESS

Comment

 JVWSTA5 --- JOB VALIDATION/RESTART STATUS INDICATORS BYTE 5

		BITSTRING	Len	Name (Dim)	Description
Dec	Hex				
		1...	1	JVWSTA5	
		.1..		JVWBADNO	"X'80" JCT HAS AN INVALID JOB NUMBER
		..1.		JVWJDBUP	"X'40" JOB'S JDAB HAS BEEN MODIFIED
		...1		JVWJMRUP	"X'20" JOB'S JMR HAS BEEN MODIFIED
		.... 1..		JVWJDSUP	"X'10" JDS ENTRY HAS BEEN MODIFIED
		.... ..1.		JVWOSERR	"X'08" OUTPUT SERVICE JOB VALIDATION ERROR
		.... ...1		JVWIRAUP	"X'04" USE COUNT IN IRA HAS BEEN UPDATED
		.... ...1		JVWJQEAE	"X'02" JQE ALLOCATION ERROR

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... ...1		JVWOPJCL	"X'01" JDS ENTRY HAS OUTPUT JCL REFERENCES
217	(D9)	X'8A'	0	JVWST5ER	"JVWBADNO+JVWOSERR+JVWJQEAE" JVWSTA5 ERROR CONDITIONS CHECKED BY IATINJR

Comment

 JVWSTA6 --- JOB VALIDATION/RESTART STATUS INDICATORS BYTE 6

End of Comment					
218	(DA)	BITSTRING	1	JVWSTA6	
		1...		JVWJCTWE	"X'80" JCT WRITE ERROR
		.1..		JVWDANAL	"X'40" JOB DELETED THRU ANALYSIS
		..1.		JVWMNTAT	"X'20" JOB OBTAINS SPOOL SPACE SINGLE TRACK TABLE (STT)
		...1		JVWOSES0	"X'10" OSE SCHEDULED OR DATA SET PROCESSED
		.... 1..		JVWRETER	"X'08" JOB RETENTION ERROR IN IATINJR
		.... .1..		JVWDELET	"X'04" JOB MARKED DELETE ONLY BY IATINJR
		.... ..1.		JVWACTLC	"X'02" JOB IS ACTIVE IN LOCATE
218	(DA)	X'C0'	0	JVWST6ER	"JVWJCTWE+JVWDANAL" JVWSTA6 ERROR CONDITIONS CHECKED BY IATINJR
		.... ...1		JVWBYSTT	"X'01" BYPASS IATXVFDB STT CHECK

Comment

 JVWSTA7 --- DSP VALIDATION/RESTART MODULES STATUS INDICATORS
 JVWSTA7 cannot be used to contain flags for job validation
 errors because IATJVDR clears JVWSTA7 after a job
 validation module gets control.

End of Comment					
219	(DB)	BITSTRING	1	JVWSTA7	
		1...		JVWVRR	"X'80" DSP VALIDATION/RESTART RECURSION FLAG
		.1..		JVWXGRQ	"X'40" RQ BUILT BY DSP VALIDATION /RESTART
		..1.		JVWUSECT	"X'20" DSP USE COUNT UPDATED BY VALIDATION/RESTART
		...1		JVWSIJER	"X'10" A severe error occurred in initial job spool validation processing (in DMJVIJOB)

Comment

 JVWSTA8 --- JOB VALIDATION/RESTART STATUS INDICATORS BYTE 8

End of Comment					
220	(DC)	BITSTRING	1	JVWSTA8	
		1...		JVWSPIN	"X'80" JDS entry has unprocessed Spinoff output
		.1..		JVWFNCIN	"X'40" The job is using a function from a higher release of JES3 that is incompatible with this release
		..1.		JVWS8X20	"X'20" Reserved
		...1		JVWS8X10	"X'10" Reserved
		.... 1..		JVWS8X08	"X'08" Reserved
		.... .1..		JVWS8X04	"X'04" Reserved
		.... ..1.		JVWS8X02	"X'02" Reserved
		.... ...1		JVWS8X01	"X'01" Reserved
220	(DC)	X'40'	0	JVWST8ER	"JVWFNCIN" JVWSTA8 error conditions checked by IATINJR

IATYJVW Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

JVWFUNC --- JOB VALIDATION/RESTART CURRENT FUNCTION					

End of Comment					
221	(DD)	BITSTRING	1	JVWFUNC	
221	(DD)	X'1'	0	JVWFJCT	"1" JCT fixed segment validation
221	(DD)	X'2'	0	JVWFJCTE	"JVWFJCT+1" JCT S.E. entry validation
221	(DD)	X'3'	0	JVWFJSTA	"JVWFJCTE+1" JCT status
221	(DD)	X'4'	0	JVWFIJOB	"JVWFJSTA+1" Initial job spool space validation (IATDMJV)
221	(DD)	X'5'	0	JVWFCBIO	"JVWFIJOB+1" Initiate control block I/O processing
221	(DD)	X'6'	0	JVWVJJOB	"JVWFCBIO+1" Spool space validation (IATDMJV)
221	(DD)	X'7'	0	JVWFJDA	"JVWVJJOB+1" JDAB fixed segment validation
221	(DD)	X'8'	0	JVWFJDAE	"JVWFJDA+1" JDAB S.E. entry validation
221	(DD)	X'9'	0	JVWFJMR	"JVWFJDAE+1" JMR validation
221	(DD)	X'A'	0	JVWFDSP	"JVWFJMR+1" JCT/JDAB S.E. DSP processing
221	(DD)	X'B'	0	JVWFDSPV	"JVWFDSP+1" DSP job validation module
221	(DD)	X'C'	0	JVWVEND	"JVWFDSPV+1" Job validation cleanup
221	(DD)	X'D'	0	JVWVICL	"JVWVEND+1" IATXVIO CLEANUP processing
221	(DD)	X'E'	0	JVWFDONE	"JVWVICL+1" Job validation complete
221	(DD)	X'F'	0	JVWSYSL	"JVWFDONE+1" SYSLOG processing
221	(DD)	X'F'	0	JVWFRMTX	"JVWSYSL" The highest function for which retry processing will be performed during recovery processing
222	(DE)	SIGNED	2	JVWRSVDU	RESERVED FOR USER

Comment					

JVWVALPM --- DSP VALIDATION PARAMETER LIST. THESE FIELDS ARE SETUP PRIOR TO INVOKING A DSP VALIDATION MODULE (FOR A SPECIFIC JCT SE ENTRY).					

End of Comment					

224	(E0)	SIGNED	4	JVWVALPM (0)	START OF PARAMETERS
224	(E0)	ADDRESS	4	JVWACTSE	ADDR OF ACTIVE JCT SE ENTRY
228	(E4)	ADDRESS	4	JVWACTDE	ADDR OF ACTIVE DSP DICT. ENTRY
232	(E8)	ADDRESS	4	JVWJCTSE	ADDR OF JCT SE ENTRY FOR THIS DSP
236	(EC)	ADDRESS	4	JVWJDASE	ADDR OF JDAB SE ENTRY FOR THIS DSP. ZERO IF THE JDAB IS NOT AVAILABLE
240	(F0)	ADDRESS	4	JVWDSPAD	ADDR OF DSP DICTIONARY ENTRY
244	(F4)	CHARACTER	8	JVWDSPNM	DSP DICTIONARY NAME
252	(FC)	SIGNED	4	JVWDOCNT	Count of JDS entries using 09611S2C dynamic output that need 09611S2C OSEs built 09611S2A
256	(100)	ADDRESS	4	JVWSBLDE	IATYSYSL build entry
260	(104)	BITSTRING	1	JVWJDSSQ	JDS entry sequence number 12190S5A
261	(105)	BITSTRING	3	JVWRSVS2	Reserved for IBM 12190S5A
264	(108)	SIGNED	4	JVWRSVS1 (4)	Reserved for IBM 12190S5C
280	(118)	SIGNED	4	JVWRSVU1 (2)	RESERVED FOR USER

Comment					

FILE DESCRIPTION BLOCKS USED DURING JOB VALIDATION					

IATYFDB TYPE=JBT WORK JBT FDB					

End of Comment					

288	(120)	SIGNED	4	(0)	FULLWORD ALIGNMENT
288	(120)	BITSTRING	28	JVWVKJBT (0)	START OF FDB BASIC SECTION
288	(120)	BITSTRING	6		FDBSPMOD/REC - SPOOL RECORD ADDRESS

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
294	(126)	BITSTRING	3		FDBFLAG0/FDBFLAGS/FDBSPFL1
297	(129)	BITSTRING	3		RESERVED START OF JBT FDB EXTENSION
300	(12C)	SIGNED	2		FDBRECCT - AVAIL RECORD COUNT
302	(12E)	BITSTRING	6		FDBJTSPA - AVAIL RECORD ADDRESS
308	(134)	BITSTRING	4		FDBVALID - FILE VALIDATION TOKEN
312	(138)	SIGNED	2		FDBSPNDX - PARTITION INDEX
314	(13A)	BITSTRING	2		FDBJTFLG/RESERVED

Comment

IATYFDB TYPE=JBT CURRENT JBT FDB

End of Comment

316	(13C)	SIGNED	4	(0)	FULLWORD ALIGNMENT
316	(13C)	BITSTRING	28	JVWCUJBT (0)	START OF FDB BASIC SECTION
316	(13C)	BITSTRING	6		FDBSPMOD/REC - SPOOL RECORD ADDRESS
322	(142)	BITSTRING	3		FDBFLAG0/FDBFLAGS/FDBSPFL1
325	(145)	BITSTRING	3		RESERVED START OF JBT FDB EXTENSION
328	(148)	SIGNED	2		FDBRECCT - AVAIL RECORD COUNT
330	(14A)	BITSTRING	6		FDBJTSPA - AVAIL RECORD ADDRESS
336	(150)	BITSTRING	4		FDBVALID - FILE VALIDATION TOKEN
340	(154)	SIGNED	2		FDBSPNDX - PARTITION INDEX
342	(156)	BITSTRING	2		FDBJTFLG/RESERVED

Comment

IATYFDB TYPE=SRF WORK SRF FDB

End of Comment

344	(158)	SIGNED	4	(0)	FULLWORD ALIGNMENT
344	(158)	BITSTRING	12	JVWWKFDB (0)	START OF FDB BASIC SECTION
344	(158)	BITSTRING	6		FDBSPMOD/REC - SPOOL RECORD ADDRESS
350	(15E)	BITSTRING	3		FDBFLAG0/FDBFLAGS/FDBSPFL1
353	(161)	BITSTRING	3		RESERVED

Comment

IATYFDB TYPE=SRF WORK SRF FDB (SAVE OF CHAIN FDB)

End of Comment

356	(164)	SIGNED	4	(0)	FULLWORD ALIGNMENT
356	(164)	BITSTRING	12	JVWCHFDB (0)	START OF FDB BASIC SECTION
356	(164)	BITSTRING	6		FDBSPMOD/REC - SPOOL RECORD ADDRESS
362	(16A)	BITSTRING	3		FDBFLAG0/FDBFLAGS/FDBSPFL1
365	(16D)	BITSTRING	3		RESERVED

Comment

IATYFDB TYPE=SRF WORK SRF FDB RESERVED FOR USER

End of Comment

368	(170)	SIGNED	4	(0)	FULLWORD ALIGNMENT
368	(170)	BITSTRING	12	JVWWKUSR (0)	START OF FDB BASIC SECTION
368	(170)	BITSTRING	6		FDBSPMOD/REC - SPOOL RECORD ADDRESS
374	(176)	BITSTRING	3		FDBFLAG0/FDBFLAGS/FDBSPFL1
377	(179)	BITSTRING	3		RESERVED

IATYJWV Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					

IATYFDB TYPE=SRF CHAIN SRF FDB RESERVED FOR USER					
End of Comment					
380	(17C)	SIGNED	4	(0)	FULLWORD ALIGNMENT
380	(17C)	BITSTRING	12	JVWCHUSR (0)	START OF FDB BASIC SECTION
380	(17C)	BITSTRING	6		FDBSPMOD/REC - SPOOL RECORD ADDRESS
386	(182)	BITSTRING	3		FDBFLAG0/FDBFLAGS/FDBSPFL1
389	(185)	BITSTRING	3		RESERVED
Comment					

IATYFDB TYPE=SRF Work SRF FDB #2 09611S2A					
End of Comment					
392	(188)	SIGNED	4	(0)	FULLWORD ALIGNMENT
392	(188)	BITSTRING	12	JVWVKFD2 (0)	START OF FDB BASIC SECTION
392	(188)	BITSTRING	6		FDBSPMOD/REC - SPOOL RECORD ADDRESS
398	(18E)	BITSTRING	3		FDBFLAG0/FDBFLAGS/FDBSPFL1
401	(191)	BITSTRING	3		RESERVED
Comment					

----- 09611S2A					
End of Comment					
404	(194)	SIGNED	2	JVWREPEX (8)	EXTENT INDEX LIST FOR REPLACED EXTENTS
420	(1A4)	SIGNED	2	JVWDELEX (8)	EXTENT INDEX LIST FOR DELETED EXTENTS
436	(1B4)	SIGNED	2	JVWHLDEX (8)	EXTENT INDEX LIST FOR HELD EXTENTS
452	(1C4)	SIGNED	2	JVWUNVEX (8)	EXTENT INDEX LIST FOR UNAVAILABLE EXTENTS
468	(1D4)	BITSTRING	8	JVWSTCKL	Low SYSLOG time stamp 14176T1A
476	(1DC)	BITSTRING	8	JVWSTCKH	High SYSLOG time stamp 14176T1A
484	(1E4)	BITSTRING	6	JVWSYSPA	SYSLOG data set spool addr 14176T1A
490	(1EA)	SIGNED	2	JVWRMLFT	Room left in SYSLOG buffer 14176T1A
492	(1EC)	SIGNED	4	JVWRSVS4 (3)	Reserved for IBM 14176T1A
Comment					

JVWVFDB --- IATXVFDB, IATXVSRV, AND IATXVTAT PARM LIST					

IATXVFDB MF=L					
\$S2= SDSB HJS7750 071018 PD0TN: z 1.10.0 09611S2A					
End of Comment					
504	(1F8)	ADDRESS	4	JVWVFDB	FDB ADDRESS
508	(1FC)	ADDRESS	4		ADDRESS OF ROOT M.R
512	(200)	ADDRESS	4		DESCRIPTION ADDRESS
516	(204)	CHARACTER	4		SPOOL RECORD ID
516	(204)	X'10'	0	JVWVFDBL	**"JVWVFDB" LENGTH OF JVWVFDB
Comment					

----- 09611S2A					
JVWDOTPM - IATXDOT parameter list 09611S2A					

----- 09611S2A					
IATXDOT MF=L IATXDOT parameter list					
End of Comment					
520	(208)	SIGNED	4	JVWDOTPM (0)	Start of IATXDOT parm list
520	(208)	BITSTRING	1		DOTPFUNC - Function code

Offsets

Dec	Hex	Type/Value	Len	Name (Dim)	Description
521	(209)	BITSTRING	1		Reserved for IBM
522	(20A)	SIGNED	2		DOTPBUFN - JDS buffer num
524	(20C)	ADDRESS	4		DOTPRSQA - RQ or JCT addr
528	(210)	ADDRESS	4		DOTPDOIA - DOI address
532	(214)	ADDRESS	4		DOTPRCEA - RCE address
536	(218)	ADDRESS	4		DOTPJDSA - JDS entry addr
540	(21C)	ADDRESS	4		DOTPPREV - Prev DOT address
540	(21C)	X'18'	0	JVWDOTPL	**JVWDOTPM" Length of parameter list 09611S2A

Comment

JVWJOUT --- IWASPOUT PARAMETER LIST CONSTRUCTION AREA.

End of Comment

544	(220)	SIGNED	2	JVWJOUT (2)	QSAM BDW
548	(224)	SIGNED	2	JVWJOUTD (2)	QSAM RDW
552	(228)	CHARACTER	1	JVWJOUTC	CARRIAGE CONTROL CHARACTER
553	(229)	CHARACTER	120	JVWJOUTT	MESSAGE TEXT AREA
553	(229)	X'81'	0	JVWJOUTL	**JVWJOUT" LENGTH OF IWASPOUT BUILD AREA

Comment

JVWWTO --- WTO PARAMETER LIST CONSTRUCTION AREA.

WTO MF=L

End of Comment

676	(2A4)	SIGNED	4	JVWWTO (0)	
676	(2A4)	ADDRESS	2		TEXT LENGTH
678	(2A6)	BITSTRING	2		MCSFLAGS
680	(2A8)	CHARACTER	53		
696	(2B8)	X'7C'	0	JVWWTOL	**JVWWTO" LENGTH OF WTO PARM LIST

Comment

JVWCSS IS THE CSS WORK AREA

End of Comment

800	(320)	BITSTRING	1	JVWCSS	CSS PASSED TO IATDMCS
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Comment

JVWGRAS --- GRAS_Parameter_List Construction area.

End of Comment

904	(388)	SIGNED	4	(0)	
904	(388)	BITSTRING	1	JVWGRAS	
904	(388)	X'3AC'	0	JVWFEND	*** END OF JOB RELATED DATA
904	(388)	X'380'	0	JVWJOBDL	"JVWFEND-JVWJOBBD" LENGTH OF JOB RELATED DATA
904	(388)	X'3AC'	0	JVWF SIZE	"JVWFEND-JVWSTART" LENGTH OF JVW FIXED AREA

IATYJWV Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				

JWV VARIABLE SECTION -- CONTAINS JDS SPOOL ADDRESS WORK					
AREA, JCT, AND SRV TABLE.					

End of Comment					
904	(388)	X'1000'	0	JWVSIZE	"4096" TOTAL SIZE OF THE JWV

IATYJWV Cross Reference

Name

JWVACPRG
 JWVACTCI
 JWVACTDE
 JWVACTIV
 JWVACTLC
 JWVACTMN
 JWVACTSE
 JWVBADNO
 JWVBYSTT
 JWVCBERR
 JWVCHFDB
 JWVCHUSR
 JWVCONVD
 JWVCSS
 JWVCUJBT
 JWVDANAL
 JWVDELET
 JWVDELEX
 JWVDELSP
 JWVDJFDB
 JWVDOCNT
 JWVDOICT
 JWVDOTPL
 JWVDOTPM
 JWVDSFAB
 JWVDSFAD
 JWVDSFNM
 JWVDSFCT
 JWVDUPID
 JWVDUPOT
 JWVDUPTK
 JWVFCBIO
 JWVFDONE
 JWVFDSP
 JWVFDSPV
 JWVFEND
 JWVFIJOB
 JWVFJCT
 JWVFJCTE
 JWVFJDA
 JWVFJDAE
 JWVFJMR
 JWVFJSTA
 JWVFNCIN
 JWVFRMX

Name

JVWFSSIZE
JVWFSSID
JVWFUNC
JVWFVEND
JVWFVICL

JVWJVJOB
JVWGRAS
JVWHLDEX
JVWHLDSP
JVWID

JVWIRAUP
JVWISDRV
JVWJCFDB
JVWJCT
JVWJCTER

JVWJCTIE
JVWJCTNU
JVWJCTSE
JVWJCTSZ
JVWJCTUP

JVWJCTVE
JVWJCTWE
JVWJDAB
JVWJDASE
JVWJDATK

JVWJDBUP
JVWJDFDB
JVWJDSC
JVWJDSFR
JVWJDSSQ

JVWJDSTB
JVWJDSUP
JVWJDTSZ
JVWJMFDB
JVWJMR

JVWJMRTK
JVWJMRUP
JVWJOBDL
JVWJOBDT
JVWJOBID

JVWJOBNM
JVWJOUT
JVWJOUTC
JVWJOUTD
JVWJOUTL

JVWJOUTT
JVWJQAE
JVWJQEX
JVWJSFDB
JVWJVDAD

JVWMNTAT
JVWMSGNA
JVWMSGQ
JVWMSGQE
JVWNEXT

JVWOPJCL
JVWOSEBY
JVWOSERR
JVWOSESO
JVWPCRST

IATYJWW Cross Reference

Name

JVWPREVD
JVWRCEAD
JVWREADA
JVWREADQ
JVWREPEX

JVWREPSP
JVWRESQ
JVWRETER
JVWRMLFT
JVWRSTFL

JVWRSVDU
JVWRSVS1
JVWRSVS2
JVWRSVS4
JVWRSVU1

JVWRTFDB
JVWSBLDE
JVWSECNT
JVWSIJER
JVWSIZE

JVWSNAPA
JVWSNAPQ
JVWSNPDN
JVWSOMAR
JVWSPERR

JVWSPIN
JVWSRVAD
JVWSTART
JVWSTA1
JVWSTA2

JVWSTA3
JVWSTA4
JVWSTA5
JVWSTA6
JVWSTA7

JVWSTA8
JVWSTCKH
JVWSTCKL
JVWST1ER
JVWST2ER

JVWST3ER
JVWST5ER
JVWST6ER
JVWST8ER
JVWSYSL

JVWSYSPA
JVWSYSTM
JVWS8X01
JVWS8X02
JVWS8X04

JVWS8X08
JVWS8X10
JVWS8X20
JVWTATFR
JVWTATLS

JVWTERMA
JVWTERMQ
JVWUNJBT
JVWUNVEX
JVWUNVSP

Name

JVWULECT
JVWVALPM
JVWVFAIL
JVWVFDB
JVWVFDBL

JVWVRR
JVWWAITQ
JVWVKFDB
JVWVKFD2
JVWVKJBT

JVWVKUSR
JVWORK
JVWORKD
JVWTO
JVWTOL

JVXGRQ

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