z/OS
JES3
Data Areas
Volume 2

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z/OS

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Note

Before using this information and the product it supports, be sure to read the general information under “Notices” on page 879.

First Edition, September, 2013

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.

Contents

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 informatation 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:

- **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:

- 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.

IATYLCA Information

IATYLCA Heading Information

Common Name: Locate Communication Area
Macro ID: IATYLCA
DSECT Name: LCASTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: LCA
Offset: 4
Length: 4
Storage Attributes: Main Storage: SUBPOOL 0
Auxiliary Storage: STAGING AREA
Size: LCAHSIZE - Size of LCA Header
LCALCRSZ - Size of Locate Request LCA
LCAJCNSZ - Size of Job Cancel LCA
LCAJCCSZ - Size of Job Cancel Complete LCA
Created by: IATLVIN
Pointed to by: LDALRLCA IN IATYLDA
LDACNLCA IN IATYLDA
LDACCLCA IN IATYLDA
Serialization: NONE
Function: Provides mapping for the data area used to communicate between the global locate FCT and local locate FCT.

IATYLCA Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	LCASTART	, Locate Communication Area
0	(0)	SIGNED	2	LCASIZE	Size of LCA (Must be first half word for staging area routines)
2	(2)	SIGNED	2	LCAHRSDA	Reserved for Development
4	(4)	CHARACTER	4	LCAID	Control Block ID
8	(8)	ADDRESS	4	LCANEXT	Address of Next LCA on chain
12	(C)	BITSTRING	1	LCAVERSN	Version Number
		Comment			

		Definition of LCAVERSN			

		End of Comment			
12	(C)	X'1'	0	LCASP312	"1" LCA is at SP312 level 0398
12	(C)	X'1'	0	LCACURVN	"LCASP312" Current LCA version number 0249
13	(D)	BITSTRING	1	LCATYPE	Type of Communication
		Comment			

		Definition of LCATYPE			

		End of Comment			
13	(D)	X'1'	0	LCALOCRQ	"1" Locate Request (Global to Local)
13	(D)	X'2'	0	LCALCRSP	"2" Locate Response (Local to Global)
13	(D)	X'3'	0	LCACANCL	"3" Job Cancel Request (Global to Local)
13	(D)	X'4'	0	LCACNCMP	"4" Job Cancel Request Complete (Local to Global)
14	(E)	BITSTRING	1	LCAHFLG1	LCA Header Flag One

IATYLCA Map

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

		Definition of LCAHFLG1			

		End of Comment			
		1...		LCARABND	"X'80'" Locate Request LCA caused a DM111 abend
		.1..		LCARH140	"X'40'" Reserved Flag
		..1.		LCARH120	"X'20'" Reserved Flag
		...1		LCARH110	"X'10'" Reserved Flag
		.... 1...		LCARH108	"X'08'" Reserved Flag
		.... .1..		LCARH104	"X'04'" Reserved Flag
		.... ..1.		LCARH102	"X'02'" Reserved Flag
		1		LCARH101	"X'01'" Reserved Flag
15	(F)	BITSTRING	1	LCAHRSDB	Reserved for Development
16	(10)	SIGNED	4	LCAHRSVD (2)	Reserved for Development
24	(18)	SIGNED	4	LCAHRSVS (2)	Reserved for Service
32	(20)	SIGNED	4	LCAHRSVU (2)	Reserved for User
40	(28)	SIGNED	4	LCAHEND (0)	End of LCA Header
40	(28)	X'28'	0	LCAHSIZE	"LCAHEND-LCASTART" Size of LCA Header
		Comment			
		Locate Communication Area Data Follows Format of Locate Request LCA			
		End of Comment			
40	(28)	SIGNED	4	LCALCRST (0)	Locate Request LCA
40	(28)	SIGNED	4	LCARJBNO	Binary Job Number
44	(2C)	BITSTRING	6	LCALVSSP	LVS Spool Address
50	(32)	BITSTRING	6	LCASCHFS	SMS Scheduling Information Dataset First Spool Address
56	(38)	BITSTRING	6	LCASCHLS	SMS Scheduling Information Dataset Last Spool Address
62	(3E)	BITSTRING	6	LCAJOBFS	SMS Job Information Dataset First Spool Address
68	(44)	BITSTRING	112	LCARAB	Record Allocation Block (RAB)
180	(B4)	SIGNED	4	LCALCREN (0)	End of Locate Request LCA
180	(B4)	X'B4'	0	LCALCRSZ	"LCALCREN-LCASTART" Size of Locate Request LCA
		Comment			
		Format of Locate Response LCA			
		End of Comment			
		Comment			

		Locate Response (LRS) Data is variable size and mapped by macro IATYLRS.			

		Format of Job Cancel LCA			
		End of Comment			
40	(28)	SIGNED	4	LCAJCNST (0)	Job Cancel LCA
40	(28)	SIGNED	4	LCAJJBNO	Binary Job Number
44	(2C)	SIGNED	4	LCAJCNEN (0)	End of Job Cancel LCA
44	(2C)	X'2C'	0	LCAJCNSZ	"LCAJCNEN-LCASTART" Size of Job Cancel LCA
		Comment			
		Format of Job Cancel Complete LCA			
		End of Comment			
40	(28)	SIGNED	4	LCAJCCST (0)	Job Cancel Complete LCA

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
40	(28)	SIGNED	4	LCACJBNO	Binary Job Number
44	(2C)	SIGNED	4	LCAJCCEN (0)	End of Job Cancel Complete LCA
44	(2C)	X'2C'	0	LCAJCCSZ	"LCAJCCEN-LCASTART" Size of Job Cancel Complete LCA

IATYLCA Cross Reference

Name

LCACANCL
LCACJBNO
LCACNCMP
LCACURVN
LCAHEND

LCAHFLG1
LCAHRSDA
LCAHRSDB
LCAHRSVD
LCAHRSVS

LCAHRSVU
LCAHSIZE
LCAID
LCAJCCEN
LCAJCCST

LCAJCCSZ
LCAJCNEN
LCAJCNST
LCAJCNSZ
LCAJJBNO

LCAJOBFS
LCALCREN
LCALCRSP
LCALCRST
LCALCRSZ

LCALOCRQ
LCALVSSP
LCANEXT
LCARAB
LCARABND

LCARH101
LCARH102
LCARH104
LCARH108
LCARH110

LCARH120
LCARH140
LCARJBNO
LCASCHFS
LCASCHLS

LCASIZE
LCASP312
LCASTART
LCATYPE
LCAVERSN

IATYLCP Information

IATYLCP Heading Information

Common Name: Locate Checkpoint Area
Macro ID: IATYLCP
DSECT Name: LCPMSTRT, LCPJSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: N/A
Auxiliary Storage: JSAM BUFFER JES3 SPOOL
Size: LCPHSIZE - Size of LCP Header
LCPMSIZE - Size of LCP Main Proc. Entry
LCPJSIZE - Size of LCP Job Entry
Created by: IATINLC
Pointed to by: LDALCPFD IN IATYLDA
CKLCPFDB IN CHECKPOINT DATA AREA
Serialization: None
Function: Defines the checkpoint job information for jobs that have been sent to a local processor for locate processing.

IATYLCP Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	LCPSTART	
0	(0)	BITSTRING	6	LCPTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	LCPCNT	USER COUNT.
8	(8)	CHARACTER	4	LCPID	FILE ID.
12	(C)	BITSTRING	12	LCPCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	LCPVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	LCPDATA (0)	START OF USER DATA AREA.
28	(1C)	SIGNED	4	LCPHRSVD (2)	Reserved for Development
36	(24)	SIGNED	4	LCPHRSVS (2)	Reserved for Service
44	(2C)	SIGNED	4	LCPHEND (0)	End of LCP Header
44	(2C)	X'2C'	0	LCPHSIZE	"LCPHEND-LCPSTART" Size of LCP Header

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	LCPMSTRT	, Locate Checkpoint Main Processor Entry
0	(0)	CHARACTER	8	LCPMPNAM	Main processor name
8	(8)	SIGNED	2	LCPMPNXT	Relative Offset (from the start of the LCP buffer) of the next LCP Main Processor Entry in this LCP Buffer
10	(A)	SIGNED	2	LCPJB1ST	Relative Offset (from the start of the LCP buffer) of the first allocated LCP Job Entry in this LCP Buffer
12	(C)	SIGNED	2	LCPFR1ST	Relative Offset (from the start of the LCP buffer) of the first free LCP Job Entry in this LCP buffer
14	(E)	SIGNED	2	LCPMRSVU	Reserved for user
16	(10)	SIGNED	4	LCPMRSVD (2)	Reserved for development
24	(18)	SIGNED	4	LCPMRSVS (2)	Reserved for service
32	(20)	SIGNED	4	LCPMEND (0)	End of LCP Main Proc. Entry
32	(20)	X'20'	0	LCPMSIZE	"LCPMEND-LCPMSTRT" Size of LCP Main Proc. Entry

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	LCPJSTRT	, Locate Checkpoint Job Entry
0	(0)	SIGNED	4	LCPJOBNO	Binary Job Number
4	(4)	SIGNED	2	LCPJBNXT	Relative Offset (from the start of the LCP buffer) of the next LCP Job Entry in this LCP buffer
6	(6)	SIGNED	2	LCPJRSVU	Reserved for user
8	(8)	SIGNED	4	LCPJRSVD (2)	Reserved for Development
16	(10)	SIGNED	4	LCPJRSVS (2)	Reserved for Service
24	(18)	SIGNED	4	LCPJEND (0)	End of LCP Job Entry

IATYLCP Cross Reference

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
24	(18)	X'18'	0	LCPJSIZE	"LCPJEND-LCPJSTRT" Size of LCP Job Entry

IATYLCP Cross Reference

Name

LCPCHN
LCPCNT
LCPDATA
LCPFR1ST
LCPHEND
LCPHRSVD
LCPHRSVS
LCPHSIZE
LCPID
LCPJBNXT
LCPJB1ST
LCPJEND
LCPJOBNO
LCPJRSVD
LCPJRSVS
LCPJRSVU
LCPJSIZE
LCPJSTRT
LCPMEND
LCPMPNAM
LCPMPNXT
LCPMRSVD
LCPMRSVS
LCPMRSVU
LCPMSIZE
LCPMSTRT
LCPSTART
LCPTRK
LCPVLID

IATYLCR Information

IATYLCR Heading Information

Common Name: Locate Restart Record
Macro ID: IATYLCR
DSECT Name: LCRSTART, LCRJSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: LCR
Offset: 0
Length: 4
Storage Attributes: Main Storage: SUBPOOL 241
Auxiliary Storage: N/A
Size: LCRHSIZE - Size of Locate Restart Record Header
LCRJSIZE - Size of Locate Restart Record Job Entry
Created by: IATLVIN - Locate FCT Driver,
IATMSDR - START,MAINNAME,FLUSH Processing
Pointed to by: LDALCR IN IATYLDA
LCRNEXT IN IATYLCR
Serialization: None
Function: The LCR contains information about jobs active in Locate on a local processor during Main Connect processing. For Main processor flush (*START,MAINNAME,FLUSH), the LCR is contains information about the main that was flushed.

IATYLCR Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	LCRSTART	, Locate Restart Record Header
0	(0)	CHARACTER	4	LCRID	Control Block Id
4	(4)	SIGNED	2	LCRSIZE	Total size of LCR including the job entries
6	(6)	SIGNED	2	LCRJBCNT	Number of Locate Restart Record job entries
8	(8)	ADDRESS	4	LCRNEXT	Address of next Locate Restart Record
12	(C)	ADDRESS	4	LCRMPC	Address of Main Processor Control Table (in global processor only)
16	(10)	CHARACTER	8	LCRMAIN	Name of Main Processor being restarted
24	(18)	BITSTRING	1	LCRHFLG1	Locate Restart Record Flag One
		Comment			

		Definition of LCRHFLG1			

		End of Comment			
		1...		LCRMCONN	"X'80'" Main Connect LCR
		.1..		LCRMFLSH	"X'40'" Main Flush LCR
		..1.		LCRRFL20	"X'20'" Reserved Flag
		...1		LCRRFL10	"X'10'" Reserved Flag
		.... 1...		LCRRFL08	"X'08'" Reserved Flag
		.... .1..		LCRRFL04	"X'04'" Reserved Flag
		.... ..1.		LCRRFL02	"X'02'" Reserved Flag
		1		LCRRFL01	"X'01'" Reserved Flag
25	(19)	BITSTRING	3	LCRHRSVD	Reserved for Development
28	(1C)	SIGNED	4	LCRHEND (0)	End of Locate Restart Record Header
28	(1C)	X'1C'	0	LCRHSIZE	"LCRHEND-LCRSTART" Size of Locate Restart Record Header

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	LCRJSTRT	, Locate Restart Record Job Entry
0	(0)	SIGNED	4	LCRJOBNO	Job number of job active in Locate processing
4	(4)	SIGNED	4	LCRJRSVD	Reserved for Development

IATYLCR Cross Reference

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
8	(8)	SIGNED	4	LCRJEND (0)	End of Locate Restart Record Job entry
8	(8)	X'8'	0	LCRJSIZE	"LCRJEND-LCRJSTRT" Size of Locate Restart Record Job entry
8	(8)	X'0'	0	LCRSUBPL	"0" Subpool for LCR

IATYLCR Cross Reference

Name

LCRHEND
LCRHFLG1
LCRHRSVD
LCRHSIZE
LCRID

LCRJBCNT
LCRJEND
LCRJOBNO
LCRJRSVD
LCRJSIZE

LCRJSTRT
LCRMAIN
LCRMCONN
LCRMFLSH
LCRMPC

LCRNEXT
LCRRFL01
LCRRFL02
LCRRFL04
LCRRFL08

LCRRFL10
LCRRFL20
LCRSIZE
LCRSTART
LCRSUBPL

IATYLCT Information

IATYLCT Heading Information

Common Name: Locate Control Table
Macro ID: IATYLCT
DSECT Name: LCTMSTRT, LCTSTART, LCTATPRM
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: MLCT
Offset: 0
Length: 4
Storage Attributes: Main Storage: Subpool 0
Auxiliary Storage: N/A
Size: LCTMSIZE (for LCTMSTRT),
LCTSIZE (for LCTSTART)
LCTATSIZ (for LCTATPRM)
Created by: IATLVAT - Locate Subtask Maintenance
IATLVMT - Locate Master Task
Pointed to by: LCTNEXT IN IATYLCT
LCTATLCT IN IATYLCT
LDAMLCT IN IATYLDA
LDALCT IN IATYLDA
Serialization: NONE
Function: The LCT contains data used by each Locate subtask. It is also used by the Locate FCT to communicate with each Locate subtask.

IATYLCT Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	LCTMSTRT	, Master Locate Control Table
0	(0)	CHARACTER	4	LCTMID	Control Block Id
4	(4)	SIGNED	4	LCTMECB	Master Task ECB
8	(8)	ADDRESS	4	LCTMTCB	Locate Master Task TCB
12	(C)	ADDRESS	4	LCTMTVT	Transfer Vector Table (TVT) address
16	(10)	ADDRESS	4	LCTATLCT	LCT for the subtask that is being attached
20	(14)	ADDRESS	4	LCTAD4F4	IEFAB4F4 entry point
24	(18)	ADDRESS	4	LCTAD4F5	IEFAB4F5 entry point
28	(1C)	BITSTRING	1	LCTMFLG1	Master LCT Flag One
		Comment			

		Definition of LCTMFLG1			

		End of Comment			
		1...		LCTATCMP	"X'80'" Locate Subtask Attach Complete
		.1..		LCTANCMP	"X'40'" Locate Subtask Attach not successfully completed
		..1.		LCTMABND	"X'20'" Locate Master Task Abend
		...1		LCTMINIT	"X'10'" Locate Master Task Initialization Complete
		.... 1...		LCTESTEN	"X'08'" ESTAE entered (reset after a successful ATTACH has been performed)
		.... .1..		LCTETXPR	"X'04'" ETXR processing being performed
		.... ..1.		LCTATTPR	"X'02'" ATTACH processing being performed
		1		LCTRF101	"X'01'" Reserved flag
29	(1D)	BITSTRING	3	LCTMRSVD	Reserved for development

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				Parameter Lists for the Locate Master Task Note: The storage for the parameter lists must be reinitialized prior to use since they occupy the same location in storage.	
				End of Comment	
32	(20)	SIGNED	4	LCTMPARM (0)	Start of parameter lists
				Comment	
				--- ATTACH Parameter List --- LCTMATTA ATTACH SF=L ATTACH parameter list MACDATE 11/11/91	
				End of Comment	
32	(20)	SIGNED	4	LCTMATTA (0)	
32	(20)	ADDRESS	4		DE OR EPLOC ADDRESS
36	(24)	ADDRESS	4		DCB ADDRESS
40	(28)	ADDRESS	4		NEW FORMAT + ECB ADDR
44	(2C)	ADDRESS	4		GSPL OR GSPV
48	(30)	ADDRESS	4		SHSPV OR SHSPL
52	(34)	ADDRESS	4		EXIT ROUTINE ADDRESS
56	(38)	ADDRESS	2		DPMOD VALUE
58	(3A)	ADDRESS	1		LPMOD VALUE
59	(3B)	ADDRESS	1		STATUS BYTE
60	(3C)	ADDRESS	4	(2)	EP NAME SPACE
68	(44)	ADDRESS	4		ADDRESS OF JSCB
72	(48)	ADDRESS	4		(E)STAI PARM LIST
76	(4C)	ADDRESS	4		EXIT ADDRESS
80	(50)	ADDRESS	4		TASKLIB
84	(54)	ADDRESS	1		FLAG BYTE
85	(55)	ADDRESS	1		TASK ID
86	(56)	ADDRESS	2		PARM LIST LENGTH
88	(58)	ADDRESS	4		SUBPOOL LIST ADDRESS/VALUE
92	(5C)	ADDRESS	1		SET FLAGS
93	(5D)	ADDRESS	1		SET UP FORMAT NUMBER
94	(5E)	BITSTRING	10		RESERVED BYTES FOR FUTURE
94	(5E)	X'48'	0	LCTMATSZ	"*-LCTMATTA" Size of ATTACH parameter list
				Comment	
				--- ESTAE Parameter List ---	
				End of Comment	
				Comment	
				LCTMESTA ESTAE MF=L ESTAE parameter list	
				End of Comment	
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	1	LCTMESTA	FLAGS FOR TCB,PURGE,ASYNCH, AND CANCEL
33	(21)	ADDRESS	3		FIELD NO LONGER USED
36	(24)	ADDRESS	4		PARM. LIST ADDR. NOT SPECIFIED
40	(28)	ADDRESS	4		TCB NOT SPECIFIED
44	(2C)	ADDRESS	1		FLAGS
45	(2D)	ADDRESS	1		THIRD FLAG BYTE
46	(2E)	ADDRESS	2		RESERVED

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
48	(30)	ADDRESS	4		TOKEN VALUE AREA
52	(34)	ADDRESS	4		EXIT ADDR NOT SPECD
52	(34)	X'18'	0	LCTMESSZ	"*-LCTMESTA" Size of ESTAE parameter list

Comment

SDUMP Parameter List

End of Comment

Comment

LCTMSDMP SDUMP MF=L SDUMP parameter list

End of Comment

32	(20)	SIGNED	4	LCTMSDMP (0)	SDUMP PARAMETER LIST
32	(20)	ADDRESS	1		FLAG BYTE
33	(21)	ADDRESS	1		FLAG BYTE
34	(22)	ADDRESS	1		FLAG BYTE
35	(23)	ADDRESS	1		FLAG BYTE
36	(24)	ADDRESS	4		ADDRESS OF DCB
40	(28)	ADDRESS	4		ADDRESS OF STORAGE LIST
44	(2C)	ADDRESS	4		ADDRESS OF USER DATA
48	(30)	ADDRESS	4		ADDRESS OF ECB/SRB
52	(34)	ADDRESS	2		CURRENT ASID
54	(36)	ADDRESS	2		OTHER ASID
56	(38)	ADDRESS	4		ADDRESS OF ASID LIST
60	(3C)	ADDRESS	4		ADDRESS OF SUMLIST/SUMLSTA LIST
64	(40)	ADDRESS	4		RESERVED
68	(44)	ADDRESS	4		RESERVED
68	(44)	X'28'	0	LCTMSDSZ	"*-LCTMSDMP" Size of SDUMP parameter list
104	(68)	SIGNED	4	LCTMEND (0)	End of Master Locate Control Table
104	(68)	X'68'	0	LCTMSIZE	"LCTMEND-LCTMSTRT" Size of Master Locate Control Table

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	LCTSTART	, Locate Control Table
0	(0)	CHARACTER	4	LCTID	Control Block Identifier
4	(4)	ADDRESS	4	LCTNEXT	Address of next LCT in chain
8	(8)	ADDRESS	4	LCTMODEP	Module IATLVLC entry point, used for debugging purposes only
12	(C)	SIGNED	4	LCTRESVD (3)	Reserved for Development

Comment

Control Blocks (non spool related)

End of Comment

24	(18)	ADDRESS	4	LCTTVT	TVT address for subtask
28	(1C)	ADDRESS	4	LCTLET	Locate Entrance Table (LET) address of current request being processed
32	(20)	ADDRESS	4	LCTTCB	Locate Subtask TCB address
36	(24)	ADDRESS	4	LCTJSCB	Locate Subtask JSCB address Note: this is the address of the JSCB storage, not the JSCB prefix. To address the JSCB prefix, use TCBJSCBB.
40	(28)	ADDRESS	4	LCTSEL	Service Entrance List address for SSISERV (Local Locate subtask only)
44	(2C)	ADDRESS	4	LCTSSIPM	Parameter list for SSI requests
48	(30)	ADDRESS	4	LCTSSOB	Subsystem Option Block (SSOB)
52	(34)	ADDRESS	4	LCTCSSSA	SSOB Extension (SSSA) for SMS Catalog Services
56	(38)	ADDRESS	4	LCTVSSSA	SSOB Extension (SSSA) for SMS VOLREF Services

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
60	(3C)	ADDRESS	4	LCTUVR	Unit Verification parameter list address
		Comment			
		Control Blocks (Spool related)			
		End of Comment			
64	(40)	ADDRESS	4	LCTBLK	Block Spooler parameter list (BLK) address
68	(44)	ADDRESS	4	LCTRAB	Record Allocation Block (RAB) address of current request being processed
72	(48)	ADDRESS	4	LCTSCACB	Access Method Control Block (ACB) address for the SMS Scheduling Information Dataset
76	(4C)	ADDRESS	4	LCTJBACB	Access Method Control Block (ACB) address for the SMS Job Information Dataset
80	(50)	ADDRESS	4	LCTSCRPL	Request Parameter List (RPL) address for the SMS Scheduling Information Dataset
84	(54)	ADDRESS	4	LCTJBRPL	Request Parameter List (RPL) address for the SMS Job Information Dataset
88	(58)	ADDRESS	4	LCTSCDSS	Dataset Status Block (DSS) address for the SMS Scheduling Information Dataset
92	(5C)	ADDRESS	4	LCTJBDSS	Dataset Status Block (DSS) address for the SMS Job Information Dataset
96	(60)	ADDRESS	4	LCTSCDEB	Data Extent Block (DEB) address for the SMS Scheduling Information Dataset
100	(64)	ADDRESS	4	LCTJBDEB	Data Extent Block (DEB) address for the SMS Job Information Dataset
104	(68)	ADDRESS	4	LCTSCSDM	Spool Data Management Parameter (SDM) address for SMS Scheduling Info. Dataset
108	(6C)	ADDRESS	4	LCTJBSDM	Spool Data Management Parameter (SDM) address for SMS Job Information Dataset
112	(70)	ADDRESS	4	LCTSPAFS	JES3 Spool Access Facility Parameter List for SMS Scheduling Information Dataset
116	(74)	ADDRESS	4	LCTSPAFJ	JES3 Spool Access Facility Parameter List for SMS Job Information Dataset
		Comment			
		Locate Response Related Data			
		End of Comment			
120	(78)	ADDRESS	4	LCTLRSWK	Locate Response Work Area (Used to create LRS's)
124	(7C)	ADDRESS	4	LCTLRS	Locate Response (LRS) address (Global Locate subtask only)
128	(80)	ADDRESS	4	LCTLRSLA	Last Locate Response (LRS) in chain of LRS's (Global Locate subtask only)
132	(84)	ADDRESS	4	LCTCRLRS	Address of the current LRS Fixed or Data entry in the current LRS buffer. It is set to zero when a new LRS buffer is initialized
136	(88)	ADDRESS	4	LCTFXLRS	Address of the current LRS Fixed entry in the current LRS buffer. It is set to zero when a new LRS buffer is initialized
140	(8C)	ADDRESS	4	LCTFRESP	Address of next free space in the LRS Work Area to allocate a new LRS Fixed or LRS Data entry
144	(90)	SIGNED	2	LCTLRSSQ	Locate Response Staging Area sequence number
146	(92)	SIGNED	2	LCTMXRSZ	Maximum LRS size
148	(94)	SIGNED	2	LCTAMTLF	Amount of room left in LRS Work Area to allocate new LRS entries
150	(96)	SIGNED	2	LCTLRSVD	Reserved for Development
		Comment			
		Locate Request Table (LVS) Related Information			
		End of Comment			
152	(98)	ADDRESS	4	LCTLVS	Locate Request (LVS) address (in storage buffers)

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
156	(9C)	ADDRESS	4	LCTLALVS	Last LVS buffer accessed
160	(A0)	SIGNED	4	LCTLVCID	LVS Cellpool Identifier Note: This cellpool is also used for the SMS Job Information dataset
164	(A4)	SIGNED	2	LCTNXCAT	Relative LVS number of the next Catalog LVS entry
166	(A6)	SIGNED	2	LCTNXDSN	Relative LVS number of the next Dataset LVS entry
168	(A8)	SIGNED	2	LCTCRLVS	Relative LVS number of the current LVS entry
170	(AA)	SIGNED	2	LCTLVRSD	Reserved for Development
				Comment	
				Catalog Management Related Data	
				End of Comment	
172	(AC)	ADDRESS	4	LCTCTGPL	Catalog Parameter List (CTGPL) address
176	(B0)	ADDRESS	4	LCTCTGP2	Second Catalog Parameter List (CTGPL) address
180	(B4)	ADDRESS	4	LCTCTGWA	Catalog Work Area (CTGWA) address
184	(B8)	ADDRESS	4	LCTCTGW2	Second Catalog Work Area (CTGWA) address
188	(BC)	ADDRESS	4	LCTPCTVL	Preallocated Catalog Volume List (CTGVL) address
192	(C0)	ADDRESS	4	LCTPCTV2	Second Preallocated Catalog Volume List (CTGVL) address
196	(C4)	ADDRESS	4	LCTGCTVL	GETMAINed Catalog Volume List (CTGVL) address
200	(C8)	ADDRESS	4	LCTGCTV2	Second GETMAINed Catalog Volume List (CTGVL) address
204	(CC)	ADDRESS	4	LCTCTGCV	Catalog Control Volume List (CTGCV) address
208	(D0)	ADDRESS	4	LCTCTGC2	Second Catalog Control Volume List (CTGCV) address
212	(D4)	ADDRESS	4	LCTCTGFL	Catalog Field Parameter List (CTGFL) address
216	(D8)	SIGNED	2	LCTCVSZ1	Size of First GETMAINed Catalog Volume List
218	(DA)	SIGNED	2	LCTCVSZ2	Size of Second GETMAINed Catalog Volume List
220	(DC)	BITSTRING	18	LCTCLU (8)	Catalog Locate Unit Work Area (CLU) - large enough to contain 8 unit types
220	(DC)	X'90'	0	LCTCLUSZ	"*-LCTCLU" Size of CLU
				Comment	
				Catalog Allocation/Unallocation Work Area	
				End of Comment	
364	(16C)	ADDRESS	4	LCTALLOC	Catalog Allocate Parameter List address
368	(170)	ADDRESS	4	LCTUNALC	Catalog Unallocate Parameter List address
372	(174)	SIGNED	2	LCTDVIDX	Device index for allocation of user catalogs
374	(176)	SIGNED	2	LCTVTIDX	Locate Subtask Vector Table (LSVT) index.
376	(178)	CHARACTER	8	LCTDDNAM	DDNAME used to allocate | | user catalogs: | ----------> LDADDCNT in printable hex ----------> Characters "J3"
376	(178)	X'17A'	0	LCTDDNUM	"LCTDDNAM+2,6" Number portion of DDNAME
				Comment	
				Routine Addresses	
				End of Comment	
384	(180)	ADDRESS	4	LCTCETXR	Common ETXR Entry Point (within IATLVMT)
388	(184)	ADDRESS	4	LCTAB4F4	IEFAB4F4 Entry Point
392	(188)	ADDRESS	4	LCTAB4F5	IEFAB4F5 Entry Point
				Comment	
				Spool Addresses	
				End of Comment	
396	(18C)	BITSTRING	6	LCTLVSFS	LVS First Spool address
402	(192)	BITSTRING	6	LCTSCHFS	SMS Scheduling Information Dataset First Spool address
408	(198)	BITSTRING	6	LCTSCHLS	SMS Scheduling Information Dataset Last Spool address
414	(19E)	BITSTRING	6	LCTJOBFS	SMS Job Information Dataset First Spool address
420	(1A4)	BITSTRING	1	LCTRSPAD	Reserved for spool address

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				Save Areas	
				End of Comment	
428	(1AC)	SIGNED	4	LCTSAVE (18)	Save Area
500	(1F4)	SIGNED	4	LCTSPSSV (18)	Save Area for SPAF used for SMS Scheduling Information Dataset
572	(23C)	SIGNED	4	LCTSPJSV (18)	Save Area for SPAF used for SMS Job Information Dataset
				Comment	

				IATLVLC Save Area Chaining Control Area Each save area consists of the following: (1) Pointer to next free or previous allocated save area (2) Caller's return address (3) Called subroutine entry point 0 (4) Caller's registers R2 thru R10 0 The LVLCLINK macro in IATLVLC is used to establish entry and exit linkage for a called subroutine. Initially, the LVLCLINK macro must be invoked to initialize the save area chains and to establish LCTFRSAV as the pointer to the first free save area.	

				End of Comment	
644	(284)	ADDRESS	4	LCTALSAV	Address of first allocated save area
648	(288)	ADDRESS	4	LCTFRSAV	Address of first free save area
652	(28C)	ADDRESS	4	LCTSAVWK	Work area for LVLCLINK macro (used to save register one)
656	(290)	BITSTRING	48	LCTRGSV1	Save area one 0595
704	(2C0)	BITSTRING	48	LCTRGSV2	Save area two 0595
752	(2F0)	BITSTRING	48	LCTRGSV3	Save area three 0595
800	(320)	BITSTRING	48	LCTRGSV4	Save area four 0595
848	(350)	BITSTRING	1	LCTRGSV5	Save area five 0595
				Comment	
				Event Control Blocks (ECBs)	
				End of Comment	
896	(380)	SIGNED	4	LCTECB	Locate subtask ECB
900	(384)	SIGNED	4	LCTATECB	ECB used by Locate Master task to wait for Locate subtask ATTACH completion
				Comment	
				Miscellaneous Data	
				End of Comment	
904	(388)	DBL WORD	8	LCTUSETM	Time of last use (from STCK instruction)
904	(388)	X'388'	0	LCTUSET	"LCTUSETM,4" Usable portion of LCTUSETM
912	(390)	SIGNED	4	LCTJOBNO	Job number of the job currently being processed
916	(394)	SIGNED	4	LCTLOCNT	Number of Locate requests performed by this subtask
920	(398)	SIGNED	2	LCTGENCT	Number of generations currently existing in GDG
922	(39A)	BITSTRING	1	LCTGDGLM	Maximum number of generations allowed in GDG (GDG Limit)
923	(39B)	CHARACTER	44	LCTDSNSV	Dataset name save area. Contains referenced dataset for a VOL=REF request.
967	(3C7)	CHARACTER	44	LCTDSNS2	Dataset name save area for referencing dataset for a VOL=REF request.

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1011	(3F3)	BITSTRING	1	LCTMISCR	Reserved for Development
1012	(3F4)	SIGNED	4	LCTWORK (3)	Miscellaneous Work Area
				Comment	

				GDG Work Area	

				End of Comment	
1024	(400)	DBL WORD	8	LCTDWORK	Dword work area (for CVD) 18531TAC
1028	(404)		4	LCTPKGEN	Current generation number 18531TAC being processed (packed 18531TAC decimal format) 18531TAC
1032	(408)		4	LCTINCR	Increment for getting next 18531TAC relative generation no. 18531TAC
1036	(40C)	CHARACTER	7	LCTGENWK	Start of generation append 18531TAC
1036	(40C)	X'40E'	0	LCTGENNO	"LCTGENWK+2,3" Generation number (EBCDIC) 18531TAA
1036	(40C)	X'410'	0	LCTGENLT	"LCTGENWK+4,1" Last generation no. digit 18531TAA
				Comment	
				Flags	
				End of Comment	
1043	(413)	BITSTRING	1	LCTFLAG1	Flag Byte One
				Comment	

				Definition of LCTFLAG1	

				End of Comment	
		1...		LCTBUSY	"X'80'" Subtask is busy
		.1..		LCTMSCAT	"X'40'" Private catalog being allocated is an MSS catalog
		..1.		LCTGDGAL	"X'20'" GDG-all processing
		...1		LCTSPECU	"X'10'" Special unit count assignment needs to be done
		.... 1...		LCTSMSDS	"X'08'" The current dataset is an SMS managed dataset
		.... .1..		LCTTERMC	"X'04'" Locate Subtask Termination Complete - set by ETXR
		.... ..1.		LCTABEND	"X'02'" Locate Subtask abended
		1		LCTFINIS	"X'01'" Subtask finished with current request - used by local Locate FCT to determine which subtask completed
1044	(414)	BITSTRING	1	LCTFLAG2	Flag Byte Two
				Comment	

				Definition of LCTFLAG2	

				End of Comment	
		1...		LCTLLRSB	"X'80'" Last LRS buffer being sent
		.1..		LCTLOCRQ	"X'40'" A Locate request needs to be processed
		..1.		LCTNRMTM	"X'20'" Normal termination request
		...1		LCTNODMP	"X'10'" Don't take SDUMP in ESTAE
		.... 1...		LCTLSTFX	"X'08'" Last LRS entry created was a LRS Fixed entry (as opposed to an LRS Data entry)
		.... .1..		LCTSDSN	"X'04'" Single dataset name Locate request by a DSP
		.... ..1.		LCTOCVOL	"X'02'" Catalog being processed is an OS CVOL. Do not open this catalog (used by the LCALLOC routine).
		1		LCTALORD	"X'01'" GDGALL allocation order 18531TAC 0 - LIFO processing 18531TAA 1 - FIFO processing 18531TAA
1045	(415)	BITSTRING	1	LCTFLAG3	Flag Byte Three

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

				Definition of LCTFLAG3	

				End of Comment	
		1...		LCTRF380	"X'80'" Reserved Flag
		.1..		LCTRF340	"X'40'" Reserved Flag
		..1.		LCTRF320	"X'20'" Reserved Flag
		...1		LCTRF310	"X'10'" Reserved Flag
		.... 1...		LCTRF308	"X'08'" Reserved Flag
		.... .1..		LCTRF304	"X'04'" Reserved Flag
		.... ..1.		LCTRF302	"X'02'" Reserved Flag
		1		LCTRF301	"X'01'" Reserved Flag
				Comment	
				Parameter Lists for the Locate Subtask Note: The storage for the parameter lists must be reinitialized prior to use since they occupy the same location in storage.	
				End of Comment	
1048	(418)	SIGNED	4	LCTSPARM (0)	Start of parameter lists
				Comment	

				Parameter List passed to Initialize Catalog Management Control Blocks Routine (LCINITCM).	

				End of Comment	
1048	(418)	SIGNED	4	LCTINITC (8)	Init. Catalog Management Control Blocks Parmlist
				Comment	

				CPOOL Parameter List	

				End of Comment	
				Comment	
				LCTCPP CPOOL BUILD,MF=L MVS Cellpool parameter list	
				End of Comment	
1048	(418)	SIGNED	2	LCTCPP (0)	
1048	(418)	ADDRESS	4		.PRIMARY CELL COUNT
1052	(41C)	ADDRESS	4		.SECONDARY CELL COUNT
1056	(420)	ADDRESS	4		.CELL SIZE
1060	(424)	ADDRESS	1		.SUBPOOL ID
1061	(425)	ADDRESS	1		.KEY
1062	(426)	BITSTRING	2		
1064	(428)	ADDRESS	4		.TCB ADDRESS
1068	(42C)	BITSTRING	24		.HEADER
1068	(42C)	X'2C'	0	LCTCPPSZ	"*-LCTCPP" Size of CPOOL parameter list

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

				DEQ Parameter List	

				End of Comment	
				Comment	
				LCTDEQ DEQ (,,,), DEQ parameter list	
				MF=L	
				MACRO-DATE = 10/06/2004	
				End of Comment	
1048	(418)	SIGNED	4	(0)	ESTABLISH A FULLWORD BOUNDARY
1048	(418)	X'418'	0	LCTDEQ	"*" X02113
1048	(418)	ADDRESS	1		PELLAST flag byte. X02113
1049	(419)	ADDRESS	1		PELMILEN - RNAME length.
1050	(41A)	BITSTRING	1		
				Comment	
				PELFLAG - flag byte 2.	
				End of Comment	
1051	(41B)	ADDRESS	1		PELRET - return code byte.
1052	(41C)	ADDRESS	4		QNAME ADDRESS
1056	(420)	ADDRESS	4		RNAME ADDRESS
1056	(420)	X'C'	0	LCTDEQSZ	"*-LCTDEQ" Size of DEQ parameter list
				Comment	

				ENQ Parameter List	

				End of Comment	
				Comment	
				LCTENQ ENQ (,,,,), ENQ parameter list	
				MF=L	
				MACRO-DATE = 06/24/03	
				End of Comment	
1048	(418)	SIGNED	4	(0)	ESTABLISH A FULLWORD BOUNDARY
1048	(418)	X'418'	0	LCTENQ	"*" X02113
1048	(418)	ADDRESS	1		PELLAST flag byte. X02113
1049	(419)	ADDRESS	1		PELMILEN - RNAME length.
1050	(41A)	BITSTRING	1		
				Comment	
				PELFLAG - flag byte 2.	
				End of Comment	
1051	(41B)	ADDRESS	1		PELRET - return code byte.
1052	(41C)	ADDRESS	4		QNAME ADDRESS
1056	(420)	ADDRESS	4		RNAME ADDRESS
1056	(420)	X'C'	0	LCTENQSZ	"*-LCTENQ" Size of ENQ parameter list

IATYLCT Map

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

		ESTAE Parameter LIST			

		End of Comment			
		Comment			
		LCTESTAE ESTAE MF=L ESTAE parameter list			
		End of Comment			
1048	(418)	SIGNED	4	(0)	
1048	(418)	ADDRESS	1	LCTESTAE	FLAGS FOR TCB,PURGE,ASYNCH, AND CANCEL
1049	(419)	ADDRESS	3		FIELD NO LONGER USED
1052	(41C)	ADDRESS	4		PARM. LIST ADDR. NOT SPECIFIED
1056	(420)	ADDRESS	4		TCB NOT SPECIFIED
1060	(424)	ADDRESS	1		FLAGS
1061	(425)	ADDRESS	1		THIRD FLAG BYTE
1062	(426)	ADDRESS	2		RESERVED
1064	(428)	ADDRESS	4		TOKEN VALUE AREA
1068	(42C)	ADDRESS	4		EXIT ADDR NOT SPECD
1068	(42C)	X'18'	0	LCTESTSZ	"*-LCTESTAE" Size of ESTAE parameter list
		Comment			

		WTO Parameter List for Message IAT4350.			

		End of Comment			
		Comment			
		LCTWTO WTO 'IAT4350 CALLING SEQUENCE: IATLVLC,ROUTINE2,ROUTINE3,ROU TINE4,ROUTINE5,ROUTINE6', ROUTCDE=2, DESC=4, MF=L			
		End of Comment			
1048	(418)	SIGNED	4	LCTWTO (0)	
1048	(418)	ADDRESS	2		TEXT LENGTH
1050	(41A)	BITSTRING	2		MCSFLAGS
1052	(41C)	CHARACTER	53		
1130	(46A)	BITSTRING	2		DESCRIPTOR CODES
1132	(46C)	BITSTRING	2		ROUTING CODES
1132	(46C)	X'56'	0	LCTWTOSZ	"*-LCTWTO" Size of WTO parameter list

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				Subtask ETXR - This routine is entered after the subtask terminates. It is responsible for setting up the proper registers, and branching to the common ETXR routine in module IATLVMT to perform cleanup. Registers on Entry: R0 - Control Program information R1 - TCB address of the task that terminated R2-12 - Unpredictable R13 - Control Program save area address R14 - Return address to the Control Program R15 - ETXR routine entry point Registers on Exit: R0 - Unchanged R1 - Locate subtask LCT address R2-14 - Unchanged R15 - Common ETXR entry point Note: The ETXR saves the control program registers in the save area provided by the Control Program. They are restored by the Common ETXR in IATLVMT.	
				End of Comment	
1134	(46E)	SIGNED	2	LCTETXR (0)	Locate Subtask ETXR
0	(0)	X'E'	0	LCTEXSZ	"*-LCTETXR" Size of subtask ETXR
1148	(47C)	ADDRESS	4	LCTSELF	Address of subtask LCT
1152	(480)	DBL WORD	8	LCTEND (0)	End of Locate Control Table
1152	(480)	X'480'	0	LCTSIZE	"LCTEND-LCTSTART" Size of Locate Control Table
				Comment	
				Miscellaneous Equates	
				End of Comment	
1152	(480)	X'3'	0	LCTLVSPX	"3" Number of LVS buffers in primary extent
1152	(480)	X'3'	0	LCTLVSSX	"3" Number of LVS buffers in secondary extent
1152	(480)	X'200'	0	LCTVOLEN	"512" Standard Catalog Volume List (CTGVL) size
1152	(480)	X'800'	0	LCTGLWSZ	"2048" Size of LRS Work Area for JES3 Global Locate subtask
1152	(480)	X'800'	0	LCTCFWSZ	"2048" Size of LRS Work Area for C/I FSS Locate subtask
1152	(480)	X'0'	0	LCTLRDAT	"0" Request for LRS Data entry (LCGETLRS subroutine)
1152	(480)	X'4'	0	LCTLRFIX	"4" Request for LRS Fixed entry (LCGETLRS subroutine)

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	LCTATPRM	IATLVAT Parameters
0	(0)	SIGNED	2	LCTSUBCT	Number of Subtasks to Process
2	(2)	SIGNED	2	LCTATRSH	Reserved for Developement
4	(4)	ADDRESS	4	LCTADLCT	Locate Subtask LCT Address
8	(8)	SIGNED	4	LCTATRSF	Reserved for Developement
12	(C)	BITSTRING	1	LCTATEND (0)	End of Parameter List
12	(C)	X'C'	0	LCTATSIZ	"*-LCTATPRM" Size of Parameter List
				Comment	
				IATLVAT Function Codes	
				End of Comment	
12	(C)	X'0'	0	LCTAINIT	"0" Initialize one or more Locate subtasks
12	(C)	X'4'	0	LCTREINS	"4" Reinstate a Locate subtask
12	(C)	X'8'	0	LCTATERM	"8" Abnormally terminate a Locate subtask

IATYLCT Cross Reference

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
12	(C)	X'C'	0	LCTNTERM	"12" Normally terminate a Locate subtask
12	(C)	X'C'	0	LCTAMXEN	"12" Maximum Entry Reason

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	LCSAVE	, IATLVLC Save Area 0595
0	(0)	ADDRESS	4	LCSAVCHN	Pointer to next free save 0595 area (if on the free save 0595 area chain) or the previous 0595 allocated save area (if on 0595 allocated save area chain) 0595 0595
4	(4)	ADDRESS	4	LCSAVRTN	Return address of caller 0595
8	(8)	ADDRESS	4	LCSAVREP	Entry point of called 0595 Routine (used for debugging 0595 purposes only) 0595 0595
12	(C)	SIGNED	4	LCSAVREG (0)	Registers R2 through R10 0595
12	(C)	SIGNED	4	LCSAVR2	Save area for register 2 0595
16	(10)	SIGNED	4	LCSAVR3	Save area for register 3 0595
20	(14)	SIGNED	4	LCSAVR4	Save area for register 4 0595
24	(18)	SIGNED	4	LCSAVR5	Save area for register 5 0595
28	(1C)	SIGNED	4	LCSAVR6	Save area for register 6 0595
32	(20)	SIGNED	4	LCSAVR7	Save area for register 7 0595
36	(24)	SIGNED	4	LCSAVR8	Save area for register 8 0595
40	(28)	SIGNED	4	LCSAVR9	Save area for register 9 0595
44	(2C)	SIGNED	4	LCSAVR10	Save area for register 10 0595 0595
48	(30)	SIGNED	4	LCSAVEND (0)	End of save area 0595
48	(30)	X'30'	0	LCSAVSIZ	"*-LCSAVE" Size of save area 0595
48	(30)	X'5'	0	LCMAXSAV	"5" Maximum number of save 0595 areas 0595

IATYLCT Cross Reference

Name

LCMAXSAV
LCSAVCHN
LCSAVE
LCSAVEND
LCSAVREG

LCSAVREP
LCSAVRTN
LCSAVR10
LCSAVR2
LCSAVR3

LCSAVR4
LCSAVR5
LCSAVR6
LCSAVR7
LCSAVR8

LCSAVR9
LCSAVSIZ
LCTABEND
LCTAB4F4
LCTAB4F5

LCTADLCT
LCTAD4F4
LCTAD4F5
LCTAINIT
LCTALLOC

LCTALORD
LCTALSAV
LCTAMTLF
LCTAMXEN
LCTANCMP

Name

LCTATCMP
LCTATECB
LCTATEND
LCTATERM
LCTATLCT
LCTATPRM
LCTATRSF
LCTATRSH
LCTATSIZ
LCTATTPR
LCTBLK
LCTBUSY
LCTCETXR
LCTCFWSZ
LCTCLU
LCTCLUSZ
LCTCPP
LCTCPPSZ
LCTCRLRS
LCTCRLVS
LCTCSSSA
LCTCTGCV
LCTCTGC2
LCTCTGFL
LCTCTGPL
LCTCTGP2
LCTCTGWA
LCTCTGW2
LCTCVSZ1
LCTCVSZ2
LCTDDNAM
LCTDDNUM
LCTDEQ
LCTDEQSZ
LCTDSNSV
LCTDSNS2
LCTDVIDX
LCTDWORK
LCTECB
LCTEND
LCTENQ
LCTENQSZ
LCTESTAE
LCTESTEN
LCTESTSZ
LCTETXPR
LCTETXR
LCTEXSZ
LCTFINIS
LCTFLAG1
LCTFLAG2
LCTFLAG3
LCTFRESP
LCTFRSAV
LCTFXLRS
LCTGCTVL
LCTGCTV2
LCTGDGAL
LCTGDGLM
LCTGENCT

Name

LCTGENLT
LCTGENNO
LCTGENWK
LCTGLWSZ
LCTID
LCTINCR
LCTINITC
LCTJBACB
LCTJBDEB
LCTJBDSS
LCTJBRPL
LCTJBSDM
LCTJOBFS
LCTJOBNO
LCTJSCB
LCTLALVS
LCTLET
LCTLLRSB
LCTLOCNT
LCTLOCRQ
LCTLRDAT
LCTLRFIX
LCTLRS
LCTLRSLA
LCTLRSSQ
LCTLRSVD
LCTLRSWK
LCTLSTFX
LCTLVCID
LCTLVRSD
LCTLVS
LCTLVSFS
LCTLVSPX
LCTLVSSX
LCTMABND
LCTMATSZ
LCTMATTA
LCTMECB
LCTMEND
LCTMESSZ
LCTMESTA
LCTMFLG1
LCTMID
LCTMINIT
LCTMISCR
LCTMODEP
LCTMPARM
LCTMRSVD
LCTMSCAT
LCTMSDMP
LCTMSDSZ
LCTMSIZE
LCTMSTRT
LCTMTCB
LCTMTVT
LCTMXRSZ
LCTNEXT
LCTNODMP
LCTNRMTM
LCTNTERM

Name

LCTNXCAT
LCTNXDSN
LCTOCVOL
LCTPCTVL
LCTPCTV2
LCTPKGEN
LCTRAB
LCTREINS
LCTRESVD
LCTRF101
LCTRF301
LCTRF302
LCTRF304
LCTRF308
LCTRF310
LCTRF320
LCTRF340
LCTRF380
LCTRGSV1
LCTRGSV2
LCTRGSV3
LCTRGSV4
LCTRGSV5
LCTRSPAD
LCTSAVE
LCTSAVWK
LCTSCACB
LCTSCDEB
LCTSCDSS
LCTSCHFS
LCTSCHLS
LCTSCRPL
LCTSCSDM
LCTSDSN
LCTSEL
LCTSELF
LCTSIZE
LCTSMSDS
LCTSPAFJ
LCTSPAFS
LCTSPARM
LCTSPECU
LCTSPJSV
LCTSPSSV
LCTSSIPM
LCTSSOB
LCTSTART
LCTSUBCT
LCTTCB
LCTTERMC
LCTTVT
LCTUNALC
LCTUSET
LCTUSETM
LCTUVR
LCTVOLEN
LCTVSSSA
LCTVTIDX
LCTWORK
LCTWTO

IATYLCT Cross Reference

Name

LCTWTOSZ

IATYLDA Information

IATYLDA Heading Information

Common Name: LOCATE DATA AREA (LDA)
Macro ID: IATYLDA
DSECT Name: LDASTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: IATLVDA
Auxiliary Storage: NONE
Size: LDASIZE
Created by: IATINLC
Pointed to by: TVTLDAAD
R13 IN MODULE IATLVIN
Serialization: NONE
Function: Provide mapping DSECT for the locate FCT data area.

IATYLDA Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATLVDA	
0	(0)	SIGNED	4	LDASTART (0)	BEGINNING OF DATA AREA
				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		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/ROUTINE ADDRESSES	
				End of Comment	
36	(24)	ADDRESS	4	LDALCT	FIRST LOCATE CONTROL TABLE (LCT) ADDRESS
40	(28)	ADDRESS	4	LDAMLCT	MASTER LOCATE SUBTASK LCT ADDRESS
44	(2C)	ADDRESS	4	LDALSVT	LOCATE SUBTASK VECTOR TABLE (LSVT) ADDRESS
48	(30)	ADDRESS	4	LDALVAT	LOCATE SUBTASK MAINTENANCE MODULE (IATLVAT) ADDRESS
52	(34)	ADDRESS	4	LDALETQ	LOCATE ENTRANCE TABLE (LET) QUEUE
56	(38)	ADDRESS	4	LDALCFCT	LOCATE FCT'S FCT ENTRY
60	(3C)	ADDRESS	4	LDALOCAP	LVINCAPP LOCATE CONSOLE APPENDAGE
64	(40)	ADDRESS	4	LDALCR	LOCATE RESTART RECORD ADDRESS DURING MAIN CONNECT PROCESSING
68	(44)	ADDRESS	4	LDARSVDD (10)	RESERVED FOR DEVELOPMENT
108	(6C)	ADDRESS	4	LDARSVDS (10)	RESERVED FOR SERVICE
148	(94)	ADDRESS	4	LDARSVDU (10)	RESERVED FOR USER

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				LOCATE SUBTASK ATTACH/DETACH WORK AREA THE LOCATE DSP REQUIRES CHECKING THE CLOCK TO DETERMINE WHEN A SUBTASK CAN BE ATTACHED AND WHEN A SUBTASK SHOULD BE DETACHED. THE CURRENT SUBTASK ATTACH TIME INTERVAL IS 15 MINUTES. THE CURRENT SUBTASK DETACH TIME INTERVAL IS 30 MINUTES. EXPLANATION OF BELOW EQUATIONS: LDAATIME - ATTACH TIME INTERVAL LDADTIME - DETACH TIME INTERVAL MULTIPLY THE TIME INTERVAL (ATTACH OR DETACH) BY 60 (THE NUMBER OF SECONDS IN ONE MINUTE). NEXT MULTIPLY BY THE CLOCK INTERVAL FOR SECONDS, .953674 (1000000/1048576).	
				End of Comment	
148	(94)	X'F'	0	LDAATIME	"15" ATTACH TIME INTERVAL
148	(94)	X'35A'	0	LDAATMIN	"LDAATIME*60*1000000/1048576" THE MINIMUM AMOUNT OF TIME THAT MUST ELAPSE IN ORDER TO CHANGE THE NUMBER OF ADDTIONAL LOCATE SUBTASKS THAT MAY BE ATTACHED
148	(94)	X'1E'	0	LDADTIME	"30" DETACH TIME INTERVAL
148	(94)	X'6B4'	0	LDADTMIN	"LDADTIME*60*1000000/1048576" THE MINIMUM AMOUNT OF TIME THAT MUST ELAPSE BEFORE A CHECK IS MADE TO DETACH A LOCATE SUBTASK
				Comment	
				---------- TIME OF LAST LOCATE SUBTASK ATTACH ----------	
				End of Comment	
192	(C0)	DBL WORD	8	LDAATTTM	THE TIME OF THE LAST LOCATE SUBTASK ATTACH (STCK VALUE)
192	(C0)	X'C0'	0	LDAATTT	"LDAATTTM,4" FIRST WORD OF TIME
				Comment	
				---------- TIME OF LAST LOCATE SUBTASK DETACH PROCESSING ----------	
				End of Comment	
200	(C8)	DBL WORD	8	LDADETTM	THE TIME OF THE LAST LOCATE SUBTASK DETACH PROCESSING BY LVINSDET (STCK VALUE)
200	(C8)	X'C8'	0	LDADETT	"LDADETTM,4" FIRST WORD OF TIME
				Comment	
				---------- TIME OF CURRENT CLOCK ----------	
				End of Comment	
208	(D0)	DBL WORD	8	LDACURTM	CURRENT TIME
208	(D0)	X'D0'	0	LDACURW1	"LDACURTM,4" FIRST WORD OF TIME
216	(D8)	SIGNED	4	LDAAWTRQ	AVERAGE NUMBER OF REQUESTS WAITING FOR A LOCATE SUBTASK
216	(D8)	X'2'	0	LDAWTFAC	"2" WEIGHTING FACTOR USED WHEN COMPUTING THE AVERAGE NUMBER OF LOCATE REQUESTS THAT NEED A LOCATE SUBTASK

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
220	(DC)	SIGNED	2	LDAATTCT	ATTACH COUNT - THE NUMBER OF SUBTASKS THAT CAN BE ATTACHED DURING THIS PASS
222	(DE)	SIGNED	2	LDARSVDH	RESERVED FOR DEVELOPMENT
				Comment	
				LOCATE COMMUNICATION AREA (LCA) WORK AREAS	
				End of Comment	
224	(E0)	BITSTRING	180	LDALRLCA	LOCATE REQUEST LCA WORK AREA
404	(194)	BITSTRING	44	LDACNLCA	JOB CANCEL LCA WORK AREA
448	(1C0)	BITSTRING	1	LDACCLCA	JOB CANCEL COMPLETE LCA WORK AREA
				Comment	
				MISCELLANEOUS DATA	
				End of Comment	
492	(1EC)	SIGNED	4	LDAMAINS	JOB MAIN MASK WHILE ATTEMPTING TO SCHEDULE THE JOB
496	(1F0)	BITSTRING	4	LDARMAIN	REJECT MAINS THAT HAVE HAD A PROBLEM WHICH CAN NOT BE SCHEDULED TO
500	(1F4)	SIGNED	4	LDAJOBNO	JOB NUMBER FROM CANCEL COMMAND IN BINARY FORM
504	(1F8)	CHARACTER	8	LDAJOBNE	JOB NUMBER FROM CANCEL COMMAND IN EBCDIC FORM
512	(200)	SIGNED	4	LDAJOBNS	NUMBER OF CHARACTERS FOR THE JOB NUMBER IN EBCDIC FORM
516	(204)	SIGNED	4	LDASSAVE	SAVE AREA FOR STORAGE ADDRESSES
520	(208)	SIGNED	4	LDASSIZE	SAVE AREA FOR STORAGE SIZE
524	(20C)	SIGNED	4	LDADDCNT	DD NAME COUNTER USED BY LOCATE SUBTASKS TO GENERATE UNIQUE DD NAMES FOR ALLOCATING CATALOGS
528	(210)	SIGNED	4	LDASAVE1	GENERAL SAVE AREA 1
532	(214)	SIGNED	4	LDASAVE2	GENERAL SAVE AREA 2
536	(218)	SIGNED	4	LDASREG1 (13)	FIRST REGISTER SAVE AREA
588	(24C)	SIGNED	4	LDASREG2 (18)	SECOND REGISTER SAVE AREA (MUST BE 72 BYTES LONG SINCE IATLVIN USES THIS SAVE AREA WHEN INVOKING IATSSXM)
660	(294)	BITSTRING	12	LDALCPFD	LOCATE CHECKPOINT (LCP) FDB
672	(2A0)	BITSTRING	12	LDAATPRM	IATLVAT PARAMETER LIST
684	(2AC)	SIGNED	4	LDARVDD1 (10)	RESERVED FOR DEVELOPMENT
724	(2D4)	SIGNED	4	LDARVDS1 (10)	RESERVED FOR SERVICE
764	(2FC)	SIGNED	4	LDARVDU1 (10)	RESERVED FOR USER
804	(324)	BITSTRING	0	LDAMGTXT (0)	COMMAND BUFFER
804	(324)	BITSTRING	1	(0)	...INITIALIZE TO ZEROES
1132	(46C)	SIGNED	4	(0)	ENSURE ALIGNMENT
				Comment	
				LOCATE FCT ECF	
				End of Comment	
1132	(46C)	BITSTRING	1	LDAECF	LOCATE FCT'S ECF
				Comment	
				---------- DEFINITION OF LDAECF ----------	
				End of Comment	
	1...			LDALOCRQ	"X'80'" LOCATE REQUEST NEEDS TO BE PROCESSED (A LET HAS BEEN ADDED TO THE LET QUEUE)

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.1..		LDASTAR	"X'40'" STAGING AREA HAS BEEN ADDED TO THE DESTINATION QUEUE
		..1.		LDASBTSK	"X'20'" LOCATE SUBTASK HAS COMPLETED PROCESSING
		...1		LDARESTR	"X'10'" LOCATE RESTART PROCESSING IS REQUIRED
		.... 1...		LDASABND	"X'08'" LOCATE SUBTASK HAS ABENDED
		.... .1..		LDACANCL	"X'04'" JOB HAS BEEN CANCELLED
		.... ..1.		LDAECF02	"X'02'" RESERVED FLAG
		1		LDAECF01	"X'01'" RESERVED FLAG
		Comment			
		LOCATE DATA AREA FLAGS			
		End of Comment			
1133	(46D)	BITSTRING	1	LDAFLAG1	RECURSION FLAG
		Comment			

		DEFINITION OF LDAFLAG1			

		End of Comment			
		1...		LDARECUR	"X'80'" GENERAL RECURSION INDICATOR
		.1..		LDARJCAN	"X'40'" LDACANCL - JOB CANCEL
		..1.		LDARSTAR	"X'20'" LDASTAR - STAGING AREA
		...1		LDARLSPR	"X'10'" LDASBTSK - LOCATE SUBTASK COMP
		.... 1...		LDARLOCR	"X'08'" LDALOCRQ - NEW LOCATE REQUEST
		.... .1..		LDARABND	"X'04'" LDASABND - LOCATE SUBTASK ABND
		.... ..1.		LDARREST	"X'02'" LDARESTR - LOCATE RESTART
		1		LDARRTRY	"X'01'" LVINRTRY - RETRY PROCESSING
1134	(46E)	BITSTRING	1	LDAFLAG2	FLAG BYTE
		Comment			

		DEFINITION OF LDAFLAG2			

		End of Comment			
		1...		LDAFCMD	"X'80'" FIRST CANCEL COMMAND
		.1..		LDAQCMD	"X'40'" QUEUED CANCEL COMMAND
		..1.		LDACLVAT	"X'20'" IATLVAT IN CONTROL
		...1		LDADIE	"X'10'" DISABLE THE LOCATE FUNCTION
		.... 1...		LDANOATT	"X'08'" DO NOT ALLOW ATTACHES
		.... .1..		LDASBATT	"X'04'" AT LEAST ONE SBTASK ATTCHED 0203
		.... ..1.		LDAOKSCH	"X'02'" OKAY TO SCHEDULE LOCATES 0260
		1		LDAFL201	"X'01'" RESERVED FLAG
1135	(46F)	BITSTRING	1	LDAFLAG3	RESERVED FOR SERVICE
		Comment			

		DEFINITION OF LDAFLAG3			

		End of Comment			
		1...		LDAFL380	"X'80'" RESERVED FLAG
		.1..		LDAFL340	"X'40'" RESERVED FLAG
		..1.		LDAFL320	"X'20'" RESERVED FLAG
		...1		LDAFL310	"X'10'" RESERVED FLAG
		.... 1...		LDAFL308	"X'08'" RESERVED FLAG
		.... .1..		LDAFL304	"X'04'" RESERVED FLAG

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... ..1.		LDAFL302	"X'02'" RESERVED FLAG
		1		LDAFL301	"X'01'" RESERVED FLAG

Comment

LOCATE FCT TRACE/DEBUG INFORMATION
RECOVERY PROCESSING FOR THE LOCATE FCT IS
DEPENDENT UPON THE INFORMATION IN THE LDAFUNC,
LDARCODE, LDATRACE AND LDAPARM FIELDS.
HIERARCHY OF RECOVERY RULES:
1. LDAFUNC -
DETERMINES LOCATE FUNCTION THAT WAS UNDER
CONTROL AT TIME OF FAILURE. IF LDAFUNC IS
ZERO THEN LDARCODE, LDATRACE AND LDAPARM
ARE INSIGNIFICANT.
2. LDARCODE -
INDICATES A REASON CODE IF A DM111 OCCURRED. IF
ZERO IATLVIN HAS ENCOUNTERED A UNEXPECTED ABEND.
3. LDATRACE/LDAPARM -
INDICATES TRACE INFORMATION FOR THE SUBFUNCTIONS
UNDER THE MAJOR LOCATE FUNCTION (LDAFUNC).
LDATRACE WILL INDICATE THE SUBFUNCTION STATE
WHILE LDAPARM CONTAINS INFORMATION TO RECOVERY
FROM AT THAT STATE.

End of Comment

1136	(470)	SIGNED	4	LDAPARM	SPECIFIC FUNCTION TRACE PARAMETER, DEFINES INFO WHICH QUALIFIED BY LDATRACE REQUIRES RECOVERY PROCESSING

Comment

LDAFUNC DEFINES THE SPECIFIC LOCATE WORK POST
(FUNCTION) THAT IS UNDER CONTROL. IF LDAFUNC IS
ZERO THEN IATLVIN IS NOT PROCESSING ANY OF THE
LOCATE WORK POSTS.

End of Comment

1140	(474)	BITSTRING	1	LDAFUNC	FUNCTION IDENTIFIER

Comment

DEFINITION OF LDAFUNC

End of Comment

1140	(474)	X'1'	0	LDAFJCAN	"1" LVINJCAN - JOB CANCEL
1140	(474)	X'2'	0	LDAFSTAR	"2" LVINSTAR - STAGING AREA
1140	(474)	X'3'	0	LDAFLSPR	"3" LVINLSPR - LOCATE SUBTASK COMP
1140	(474)	X'4'	0	LDAFLOCR	"4" LVINLOCR - NEW LOCATE REQUEST
1140	(474)	X'5'	0	LDAFABND	"5" LVINABND - LOCATE SUBTASK ABND
1140	(474)	X'6'	0	LDAFREST	"6" LVINREST - LOCATE RESTART PROCESSING
1140	(474)	X'7'	0	LDAFRTRY	"7" LVINRTRY - RETRY PROCESSING

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
Comment					
---------- LDATRACE IS USED TO TRACE LOGIC UNDER A MAJOR FUNCTION (LDAFUNC). FOR EXAMPLE, IF LDATRACE IS SET TO LDATSLOC THEN THE LOCATE FCT IS PROCESSING A LOCATE REQUEST STAR. THE LDAPARM WILL DEFINE THE LET THAT REQUIRES RECOVERY PROCESSING. ----------					
End of Comment					
1141	(475)	BITSTRING	1	LDATRACE	TRACE FLAG
1141	(475)	X'1'	0	LDATLCRQ	"1" STAGING AREA LOCATE REQUEST
1141	(475)	X'2'	0	LDATLCRP	"2" STAGING AREA LOCATE RESPONSE
1141	(475)	X'3'	0	LDATJOBC	"3" STAGING AREA JOB CANCEL
1141	(475)	X'4'	0	LDATJBCC	"4" STAGING AREA JOB CANCEL CMPLT
1141	(475)	X'5'	0	LDATWRTC	"5" WRTCHAIN PROCESSING
1141	(475)	X'6'	0	LDATNLCP	"6" NO LCP JOB ENTRY PROCESSING
Comment					
---------- LDARCODE/LDARTRYC DEFINE THE DM111 REASON CODES. IF IATLVIN ENCOUNTERS AN DM111 CONDITION THE FOLLOWING IS DONE: 1. REGISTER 2 IS SET TO THE DM111 REASON CODE SO THAT THE IAT3713 BANNER SHOWS THE PROBLEM. 2. LDARCODE IS SET TO THE DM111 REASON CODE SO THAT LVINRTRY KNOWS ABOUT THE UNIQUE ABEND. 3. LVINRTRY MOVES THE ABEND CODE FROM LDARCODE TO LDARTRYC AND LDARCODE IS CLEARED. THIS IS DONE SO THAT A SUBSEQUENT ABEND IN LVINRTRY WILL CAUSE RECURSION PROCESSING TO RECOVER FOR THE PREVIOUS ERROR. ----------					
End of Comment					
1142	(476)	BITSTRING	1	LDARCODE	ABEND REASON CODE
1143	(477)	BITSTRING	1	LDARTRYC	COPIED ABEND REASON CODE USED IN SUBROUTINE LVINRTRY
1143	(477)	X'1'	0	LDAANLCT	"1" NO LCT ADDRESS WHEN LET ENTRY INDICATES SCHEDULED
1143	(477)	X'2'	0	LDAASEQZ	"2" STAGING AREA SPECIFIES ZERO SEQUENCE NUMBER
1143	(477)	X'3'	0	LDAASEQE	"3" STAGING AREA SPECIFIES AN EXISTING SEQUENCE NUMBER
1143	(477)	X'4'	0	LDAANLET	"4" NO LET ENTRY ON CHAIN TO DEQUEUE
1143	(477)	X'5'	0	LDAAISTA	"5" INVALID STAGING AREA FOUND
1143	(477)	X'6'	0	LDAAWRTC	"6" WRTCHAIN ERROR CHECKPOINTING THE LCP
1143	(477)	X'7'	0	LDAANOCP	"7" NO LCP CHECKPOINT DATASET
1143	(477)	X'8'	0	LDAANLCP	"8" NO LCP JOB ENTRY EXISTED FOR CHECKPOINT
1143	(477)	X'9'	0	LDAANSCH	"9" LOCATE SUBTASK ATTACHED BUT NO SCHEDULE OCCURRED
1143	(477)	X'A'	0	LDAAICIC	"10" INVALID CI FSS CANCEL COMMAND
1143	(477)	X'B'	0	LDAALSNF	"11" AN AVAILABLE LSVT ENTRY COULD NOT BE FOUND WHEN ATTEMPTING TO INITIALIZE A LOCATE SUBTASK
1143	(477)	X'C'	0	LDAAMAFL	"12" MASTER SUBTASK ATTACH FAILURE
1143	(477)	X'D'	0	LDAANGBL	"13" NO GLOBAL MPC FOUND
1143	(477)	X'E'	0	LDAAILCT	"14" INVALID LCT ADDRESS

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1143	(477)	X'F'	0	LDAASXM1	"15" ERROR IN IATSSXM ON GLOBAL WHILE ATTEMPTING TO FREE STAGING AREAS DESTINED FOR LOCAL PROCESSOR (FUNCTION CODE SSXELV01)
1143	(477)	X'10'	0	LDAASXM2	"16" ERROR IN IATSSXM ON LOCAL WHILE ATTEMPTING TO FREE INACTIVE LOCATE STAGING AREAS DESTINED FOR THE GLOBAL (FUNCTION CODE SSXELV02)

Comment

```
      LOCATE FCT MESSAGE LIST AREA
LDAOUTM MESSAGE TEXT=LDAOMSG,
            MF=L
      $T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0
```

End of Comment

1144	(478)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
1144	(478)	ADDRESS	4	LDAOUTM	Text Address
1148	(47C)	BITSTRING	2		Destination Disp and Mask
1150	(47E)	BITSTRING	1		ACTION flag
1151	(47F)	ADDRESS	1		Options Flag
1152	(480)	BITSTRING	2		Descriptor Codes
1154	(482)	SIGNED	2		Reserved 2 Bytes
1156	(484)	BITSTRING	17		Routing Codes
1173	(495)	BITSTRING	1	(3)	Reserved
1176	(498)	BITSTRING	1	(8)	Jobid
1184	(4A0)	BITSTRING	1	(8)	Jobname
1192	(4A8)	BITSTRING	1	(8)	Key
1200	(4B0)	ADDRESS	4		CNDB Address 1
1204	(4B4)	ADDRESS	4		CNDB Address 2
1208	(4B8)	ADDRESS	4		CNDB Address 3
1212	(4BC)	ADDRESS	4		CNDB Address 4
1216	(4C0)	ADDRESS	4		CNDB Address 5
1220	(4C4)	ADDRESS	4		MLWO Address
1224	(4C8)	BITSTRING	121	LDAOMSG (0)	OUTPUT MESSAGE AREA 0268
1224	(4C8)	BITSTRING	1	LDAMSIZE	MESSAGE SIZE
1225	(4C9)	BITSTRING	120	LDAMTEXT	MESSAGE TEXT 0268
1348	(544)	SIGNED	4	LDAEND (0)	END OF LOCATE DATA AREA
1348	(544)	X'544'	0	LDASIZE	"LDAEND-LDASTART" SIZE OF LOCATE DATA AREA

Comment

```
      MISCELLANEOUS EQUATES
```

End of Comment

1348	(544)	X'3'	0	LDACFLSB	"3" INITIAL NO. OF LOCATE SUBTASKS TO ATTACH IN A C/I FSS ADDRESS SPACE
1348	(544)	X'5'	0	LDAGLLSB	"5" INITIAL NO. OF LOCATE SUBTASKS TO ATTACH IN THE JES3 GLOBAL OR A JES3 LOCAL ADDRESS SPACE
1348	(544)	X'F'	0	LDAMXLJB	"15" MAXIMUM NUMBER OF JOBS THAT CAN BE SENT TO A JES3 LOCAL ADDRESS SPACE
1348	(544)	X'A'	0	LDAMXTSK	"10" MAXIMUM NO. OF LOCATE SUBTASKS THAT CAN BE ATTACHED

IATYLDA Cross Reference

Name

IATLVDA
LDAAICIC
LDAAILCT
LDAAISTA
LDAALSNF
LDAAMAFL
LDAANGBL
LDAANLCP
LDAANLCT
LDAANLET
LDAANOCP
LDAANSCH
LDAASEQE
LDAASEQZ
LDAASXM1
LDAASXM2
LDAATIME
LDAATMIN
LDAATPRM
LDAATTCT
LDAATTT
LDAATTTM
LDAAWRTC
LDAAWTRQ
LDACANCL
LDACCLCA
LDACFLSB
LDACLVAT
LDACNLCA
LDACURTM
LDACURW1
LDADDCNT
LDADETT
LDADETTM
LDADIE
LDADTIME
LDADTMIN
LDAECF
LDAECF01
LDAECF02
LDAEND
LDAFABND
LDAFCMD
LDAFJCAN
LDAFLAG1
LDAFLAG2
LDAFLAG3
LDAFLOCR
LDAFLSPR
LDAFL201
LDAFL301
LDAFL302
LDAFL304
LDAFL308
LDAFL310

Name

LDAFL320
LDAFL340
LDAFL380
LDAFREST
LDAFRTRY
LDAFSTAR
LDAFUNC
LDAGLLSB
LDAJOBNE
LDAJOBNO
LDAJOBNS
LDALCFCT
LDALCPFD
LDALCR
LDALCT
LDALETQ
LDALOCAP
LDALOCRQ
LDALRLCA
LDALSVT
LDALVAT
LDAMAINS
LDAMGTXT
LDAMLCT
LDAMSIZE
LDAMTEXT
LDAMXLJB
LDAMXTSK
LDANOATT
LDAOKSCH
LDAOMSG
LDAOUTM
LDAPARM
LDAQCMD
LDARABND
LDARCODE
LDARECUR
LDARESTR
LDARJCAN
LDARLOCR
LDARLSPR
LDARMAIN
LDARREST
LDARRTRY
LDARSTAR
LDARSVDD
LDARSVDH
LDARSVDS
LDARSVDU
LDARTRYC
LDARVDD1
LDARVDS1
LDARVDU1
LDASABND
LDASAVE1
LDASAVE2
LDASBATT
LDASBTSK
LDASIZE
LDASREG1

IATYLDA Cross Reference

Name

LDASREG2
LDASSAVE
LDASSIZE
LDASTAR
LDASTART

LDATJBCC
LDATJOBC
LDATLCRP
LDATLCRQ
LDATNLCP

LDATRACE
LDATWRTC
LDAWTFAC

IATYLMLC Information

IATYLMLC Programming Interface information

Programming Interface information

IATYLMLC

End of Programming Interface information

IATYLMLC Heading Information

Common Name: Local Module Load and Call Request Area
Macro ID: IATYLMLC
DSECT Name: LMLCSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: LMLC
Offset: 0
Length: 4
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 0
Data Space: None
Size: LMLC SIZE bytes
Created by: Callers of JSERV to the DSTLMLC destq
Pointed to by: Embedded in IATYSTA
Serialization: None
Function: This macro contains the Local Module Load and Call Area within a staging area and represents a module that the global wishes the local to invoke to perform a unit of work.

IATYLMLC Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	LMLCSTRT	,
0	(0)	ADDRESS	2	LMLCLEN	Length of entire LMLC (including parameter string) - used for JSERV
2	(2)	CHARACTER	4	LMLCID	Eye catcher
6	(6)	ADDRESS	1	LMLCVER	Version number
6	(6)	X'1'	0	LMLCVR01	"1" Initial version
6	(6)	X'1'	0	LMLCCVER	"LMLCVR01" Current version
7	(7)	ADDRESS	1	LMLCRV01	Reserved for IBM
8	(8)	CHARACTER	8	LMLCMOD	Name of module to be called
16	(10)	SIGNED	4	LMLCRV02	Reserved for IBM
20	(14)	SIGNED	4	LMLCRV03	Reserved for IBM
24	(18)	SIGNED	4	LMLCRV04	Reserved for IBM
28	(1C)	SIGNED	4	LMLCRV05	Reserved for IBM
32	(20)	CHARACTER	1	LMLCPARM (0)	Start of parameter string (variable)
32	(20)	X'20'	0	LMLCFSIZ	"LMLCPARM-LMLCSTRT" Size of LMLC fixed section

IATYLMLC Cross Reference

Name

LMLCCVER
LMLCFSIZ
LMLCID
LMLCLEN
LMLCMOD

LMLCPARM
LMLCRV01
LMLCRV02
LMLCRV03
LMLCRV04

LMLCRV05
LMLCSTRT
LMLCVER
LMLCVR01

IATYLRS Information

IATYLRS Programming Interface information

Programming Interface information

IATYLRS

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

- LRSDSSEQ

End of Programming Interface information

IATYLRS Heading Information

Common Name: LOCATE RESPONSE
Macro ID: IATYLRS
DSECT Name: LRSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: LRS
Offset: 0
Length: 4
Storage Attributes: Main Storage: SUBPOOL 0, STAGING AREA
Auxiliary Storage: N/A
Size: 64 Bytes
Created by: IATIIP0X
IATLVIN
IATLVLC
Pointed to by: IDDCLRS IN IATYIDD
LCTLRS IN IATYLCT
LCTLRSLA IN IATYLCT
LCTLRSWK IN IATYLCT
LETLRS IN IATYLET
LRSNEXT IN IATYLRS
Serialization: None
Function: The LRS contains information that is returned to the requestor of locate services. This includes:

(1) Information from the catalog pertaining to a particular dataset

(2) Error information if a locate request fails

(3) Job related information

IATYLRS Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	LRSTART	
0	(0)	SIGNED	4	LRSHDR (0)	LOCATE RESPONSE HEADER
0	(0)	SIGNED	2	LRSSIZE	TOTAL SIZE OF RESPONSE AREA
2	(2)	SIGNED	2	LRSDISP1	DISPLACEMENT OF FIRST LRS FIXED ENTRY OR ZERO IF NONE IN THIS LRS BUFFER
4	(4)	CHARACTER	4	LRSID	CONTROL BLOCK ID
8	(8)	ADDRESS	4	LRSNEXT	ADDRESS OF NEXT LRS
12	(C)	SIGNED	4	LRSJOBNO	BINARY JOB NUMBER
16	(10)	SIGNED	2	LRSSEQNO	LRS SEQUENCE NUMBER
18	(12)	BITSTRING	1	LRSHFLG	HEADER FLAG BYTE
				Comment	

				DEFINITION OF LRSHFLG	

				End of Comment	
		1...		LRSCAERR	"X'80'" CATALOG ALLOCATE ERROR
		.1..		LRSENDJB	"X'40'" LRS BUFFER REPRESENTS THE END OF LOCATE PROCESSING FOR THIS JOB
		..1.		LRSLSABN	"X'20'" LOCATE SUBTASK ABENDED WHILE PROCESSING THIS JOB
		...1		LRSGDGRN	"X'10'" GDG QUALIFIER ERROR
		.... 1...		LRSHFL08	"X'08'" RESERVED FLAG
		.... .1..		LRSHFL04	"X'04'" RESERVED FLAG
		.... ..1.		LRSHFL02	"X'02'" RESERVED FLAG
		1		LRSHFL01	"X'01'" RESERVED FLAG
19	(13)	BITSTRING	1	LRSRSVD1	RESERVED FOR DEVELOPMENT
20	(14)	SIGNED	4	LRSCAERC (0)	CATALOG ALLOCATION ERROR RETURN AND REASON CODES, VALID IF LRSCAERR IS SET

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
20	(14)	SIGNED	2	LRSCAERT	CATALOG ALLOCATION ERROR RETURN CODE
22	(16)	SIGNED	2	LRSCAERS	CATALOG ALLOCATION ERROR REASON CODE
24	(18)	SIGNED	4	LRSRSVS	RESERVED FOR SERVICE
28	(1C)	SIGNED	4	LRSHEND (0)	END OF RESPONSE HEADER
28	(1C)	X'1C'	0	LRSHSIZE	"LRSHEND-LRSHDR" SIZE OF LRS HEADER
		Comment			
		INDIVIDUAL RESPONSE AREA - EACH RESPONSE AREA CONTAINS A FIXED PART (LENGTH IS LRSFXLEN) PLUS ONE OR MORE VARIABLE LENGTH DATA ENTRIES. - THE TYPE OF DATA ENTRY IS INDICATED BY LRSKEYD			
		End of Comment			
28	(1C)	SIGNED	4	LRSENTRY (0)	INDIVIDUAL RESPONSE ENTRY
28	(1C)	SIGNED	2	LRSDISP	DISPLACEMENT OF NEXT LRS FIXED ENTRY FROM BEGINNING OF THE LRS BUFFER
30	(1E)	SIGNED	2	LRSRECN	LVS NUMBER OF THE REQUEST
32	(20)	BITSTRING	1	LRSFLG1	FLAG BYTE
		Comment			
		---------- DEFINITION OF LRSFLG1 ----------			
		End of Comment			
		1...		LRSRERR	"X'80'" ERROR IN LOCATE INPUT DATA
		.1..		LRSGDG	"X'40'" GDG ALL REQUEST
		..1.		LRSPASS	"X'20'" PASSWORD FAILURE
		...1		LRSABRT	"X'10'" REQUEST ABORTED
		.... 1...		LRSIOER	"X'08'" I/O ERROR SEARCHING CATALOG
		.... .1..		LRSNOUN	"X'04'" NO UNIT TYPE AVAILABLE
		.... ..1.		LRSCVOL	"X'02'" CATALOG NOT AVAILABLE
		1		LRSNF	"X'01'" DSN NOT FOUND IN CATALOG
33	(21)	BITSTRING	1	LRSFLG2	FLAG BYTE 2
		Comment			
		---------- DEFINITION OF LRSFLG2 ----------			
		End of Comment			
		1...		LRSLFXBF	"X'80'" LRS FIXED ENTRY IS THE LAST LRS ENTRY IN THE CURRENT LRS BUFFER
		.1..		LRSLFXRQ	"X'40'" LRS FIXED ENTRY IS THE LAST LRS ENTRY FOR THE CURRENT LOCATE REQUEST (LVS)
		..1.		LRSRFDNF	"X'20'" THE REFERENCED DATASET OF VOL=REF REQUEST WAS NOT FOUND. THIS FLAG IS SET WHEN LRSNF IS SET.
		...1		LRSDMYNF	"X'10'" THIS IS A DUMMY LOCATE RESPONSE BUILT AS A RESULT OF A DATA SET NOT FOUND CONDITION
		.... 1...		LRSSPBUF	"X'08'" ONE OR MORE OF THE LRS DATA ENTRIES ASSOCIATED WITH THIS LRS FIXED ENTRY SPAN INTO THE NEXT BUFFER(S).
		.... .1..		LRSFL204	"X'04'" RESERVED FLAG
		.... ..1.		LRSFL202	"X'02'" RESERVED FLAG
		1		LRSFL201	"X'01'" RESERVED FLAG
34	(22)	BITSTRING	1	LRSFLG3	FLAG BYTE 3

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		DEFINITION OF LRSFLG3			
		End of Comment			
		1...		LRSHSME1	"X'80'" HSM CATALOG LOCATE ERROR
		.1..		LRSHSME2	"X'40'" HSM ERROR
		..1.		LRSSMSDS	"X'20'" SMS MANAGED DATASET
		...1		LRSSMSMM	"X'10'" SMS MANAGED MOUNTABLE 1
		.... 1...		LRSLIST	"X'08'" ENTRY HAS A LIST INDEX
		.... .1..		LRSUSJCL	"X'04'" USE THE INFORMATION SPECIFIED IN THE JCL
		.... ..1.		LRSFL302	"X'02'" RESERVED FLAG
		1		LRSFL301	"X'01'" RESERVED FLAG
35	(23)	CHARACTER	1	LRSLRC	LOCATE RETURN CODE OR UNIT VERIFICATION RETURN CODE
		Comment			
		DEFINITION OF LRSLRC (CATALOG MGMT. ERRORS ONLY).			
		End of Comment			
35	(23)	X'4'	0	LRSCOPEN	"4" CATALOG OPEN FAILURE
35	(23)	X'8'	0	LRSENTNX	"8" ENTRY DOES NOT EXIST
35	(23)	X'18'	0	LRSERRIO	"24" I/O ERROR
35	(23)	X'20'	0	LRSBPARM	"32" BAD PARAMETER LIST
35	(23)	X'24'	0	LRSCATNE	"36" CATALOG NEEDED
35	(23)	X'28'	0	LRSLGRVL	"40" LARGER VOLUME LIST (CTGVL) IS NEEDED
35	(23)	X'2C'	0	LRSWRKAR	"44" WORK AREA FAILURE
35	(23)	X'38'	0	LRSPASWD	"56" PASSWORD PROTECTION ERROR
35	(23)	X'44'	0	LRSOCVOL	"68" OS CVOL NEEDED
35	(23)	X'74'	0	LRSCABAL	"116" CATALOG "OUT OF BALANCE"
35	(23)	X'78'	0	LRSGDGQE	"120" GDG QUALIFIER ERROR
35	(23)	X'BC'	0	LRSTPCNO	"188" STEPCAT NOT OPEN
35	(23)	X'D6'	0	LRSEHSM2	"214" HSM RELATED ERROR (TYPE 2)
35	(23)	X'DA'	0	LRSEHSM1	"218" HSM RELATED ERROR (TYPE 1)
36	(24)	CHARACTER	1	LRSHSMRC	SECOND RETURN CODE (FOR HSM ERRORS)
37	(25)	BITSTRING	1	LRSGDLIM	GDG-LIMIT FROM CATALOG MANAGEMENT
38	(26)	SIGNED	2	LRSDSSEQ	DATA SET SEQUENCE NUMBER
38	(26)	SIGNED	2	LRSLSTEN	INDEX OF IJS LIST ENTRY
40	(28)	BITSTRING	1	LRSFXEND (0)	END OF FIXED LRS ENTRY
40	(28)	X'C'	0	LRSFXLEN	"*-LRSENTRY" LENGTH OF LRS FIXED ENTRY
		Comment			
		LRS DATA ENTRY FORMAT - COMMON SECTION			
		End of Comment			
40	(28)	BITSTRING	1	LRSDATA (0)	START OF RESPONSE DATA
40	(28)	CHARACTER	1	LRSKEYD	KEY TYPE
		Comment			
		DEFINITION OF LRSKEYD			
		End of Comment			
40	(28)	X'1'	0	LRSMSGK	"1" VARIABLE LENGTH MESSAGE FOLLOWS
40	(28)	X'2'	0	LRSEOJK	"2" END-OF-JOB DATA FOLLOWS

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
40	(28)	X'3'	0	LRSDSNK	"3" 44 BYTE DSNAME FOLLOWS
40	(28)	X'4'	0	LRSVOLK	"4" 6 BYTE VOLUME SERIAL FOLLOWS
40	(28)	X'5'	0	LRSUNITK	"5" 8 BYTE UNIT TYPE FOLLOWS
40	(28)	X'6'	0	LRSSERRK	"6" SMS ERROR INFORMATION FOLLOWS
40	(28)	X'7'	0	LRSSTCLK	"7" STORAGE CLASS INFORMATION FOLLOWS
40	(28)	X'8'	0	LRSDTCLK	"8" DATA CLASS INFORMATION FOLLOWS
40	(28)	X'9'	0	LRSMGCLK	"9" MANAGEMENT CLASS INFORMATION FOLLOWS
40	(28)	X'A'	0	LRSUNITL	"10" UNITNAME LIST FOLLOWS
41	(29)	BITSTRING	1	LRSEXTCT	MISCELLANEOUS COUNT FIELD
42	(2A)	BITSTRING	1	LRSDFLG1	DATA FLAG BYTE ONE
				Comment	

					DEFINITION OF LRSDFLG1

				End of Comment	
		1...		LRSLDTBF	"X'80'" LRS DATA ENTRY IS THE LAST LRS ENTRY IN THE CURRENT LRS BUFFER
		.1..		LRSLDTRQ	"X'40'" LRS DATA ENTRY IS THE LAST LRS ENTRY FOR THE CURRENT LOCATE REQUEST (LVS). FOR GDG-ALL REQUESTS, THIS IS THE LAST LRS ENTRY FOR THE CURRENT GENERATION.
		..1.		LRSMMNCT	"X'20'" SMS MANAGED MOUNTABLE, LRS CONTAINS UNIT INFORMATION ONLY. (VOL=SER SPECIFIED)
		...1		LRSULIST	"X'10'" THERE'S A UNITNAME LIST ENTRY FOR THIS REQUEST
		.... 1...		LRSDF208	"X'08'" RESERVED FLAG
		.... .1..		LRSDF204	"X'04'" RESERVED FLAG
		.... ..1.		LRSDF202	"X'02'" RESERVED FLAG
		1		LRSDF201	"X'01'" RESERVED FLAG
43	(2B)	BITSTRING	1	LRSDRSVD	RESERVED FOR DEVELOPMENT
44	(2C)	CHARACTER	2	LRSENTCT	COUNT OF DATA AREAS FOLLOWING
46	(2E)	BITSTRING	1	LRSDACEN (0)	END OF LRS DATA COMMON SECTION
46	(2E)	X'6'	0	LRSDACLN	"*-LRSDATA" LENGTH OF LRS DATA COMMON SECTION
				Comment	
					LRS UNIT ENTRY DATA
				End of Comment	
46	(2E)	CHARACTER	8	LRSUNITD	UNIT TYPE
46	(2E)	X'E'	0	LRSUNLEN	"*-LRSDATA" LRS UNIT ENTRY LENGTH
				Comment	
					LRS DATASET ENTRY DATA
				End of Comment	
46	(2E)	CHARACTER	44	LRSDSND	DATASET NAME
90	(5A)	CHARACTER	8	LRSDSNQ	GDG DATASET RELATIVE LEVEL
90	(5A)	X'3A'	0	LRSDSLEN	"*-LRSDATA" LRS DATASET NAME ENTRY LENGTH
				Comment	
					LRS VOLUME ENTRY DATA NOTE: LRSENTCT CONTAINS THE NUMBER OF VOLSERS.
				End of Comment	
46	(2E)	CHARACTER	6	LRSVOLD	VOLUME SERIAL NUMBER
46	(2E)	X'C'	0	LRSVOLEN	"*-LRSDATA" LRS VOLUME ENTRY LENGTH

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		LRS MESSAGE ENTRY DATA NOTE: LRSENTCT CONTAINS THE NUMBER OF MESSAGES.			
				End of Comment	
46	(2E)	BITSTRING	2	LRSLNMSG	LENGTH OF MESSAGE
48	(30)	BITSTRING	1	LRSMSG (0)	VARIABLE LENGTH MESSAGE
48	(30)	X'8'	0	LRSMSGLN	"*-LRSDATA" LRS MESSAGE ENTRY LENGTH
				Comment	
		LRS END-OF-JOB ENTRY DATA			
				End of Comment	
46	(2E)	BITSTRING	6	LRSSSFSP	FIRST SPOOL ADDRESS OF SMS SCHEDULING INFORMATION DATASET
52	(34)	BITSTRING	6	LRSSSLSP	LAST SPOOL ADDRESS OF SMS SCHEDULING INFORMATION DATASET
58	(3A)	BITSTRING	1	LRSRAB	RECORD ALLOCATION BLOCK (RAB)
58	(3A)	X'82'	0	LRSEOJLN	"*-LRSDATA" LRS END-OF-JOB ENTRY LENGTH
				Comment	
		LRS SMS ERROR ENTRY DATA			
				End of Comment	
46	(2E)	BITSTRING	1	LRSSFUNC	SMS FUNCTION THAT ENCOUNTERED THE ERROR
				Comment	
		---------- DEFINITION OF LRSSFUNC ----------			
				End of Comment	
		1...		LRSSMCAT	"X'80'" SMS CATALOG SERVICES
		.1..		LRSSMVRF	"X'40'" SMS VOLREF SERVICES
47	(2F)	BITSTRING	1	LRSSRSVD	RESERVED FOR DEVELOPMENT
48	(30)	SIGNED	4	LRSSRETC	SMS RETURN CODE
52	(34)	SIGNED	4	LRSSREAS	SMS REASON CODE
56	(38)	SIGNED	4	LRSSPAFR	JES3 SPOOL ACCESS FACILITY RETURN CODE
60	(3C)	SIGNED	4	LRSFSRET	FAILING SERVICE RETURN CODE
64	(40)	SIGNED	4	LRSFSRES	FAILING SERVICE REASON CODE
64	(40)	X'1C'	0	LRSSERLN	"*-LRSDATA" LRS SMS ERROR ENTRY LENGTH
				Comment	
		LRS STORAGE CLASS DATA			
				End of Comment	
46	(2E)	BITSTRING	2	LRSLNSTC	LENGTH OF STORAGE CLASS
48	(30)	BITSTRING	1	LRSSTRCL (0)	VARIABLE LENGTH STORAGE CLASS
48	(30)	X'8'	0	LRSSTCLN	"*-LRSDATA" LRS STORAGE CLASS ENTRY LENGTH
				Comment	
		LRS DATA CLASS DATA			
				End of Comment	
46	(2E)	BITSTRING	2	LRSLNDTC	LENGTH OF DATA CLASS
48	(30)	BITSTRING	1	LRSDATCL (0)	VARIABLE LENGTH DATA CLASS
48	(30)	X'8'	0	LRSDTCLN	"*-LRSDATA" LRS DATA CLASS ENTRY LENGTH

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				LRS MANAGEMENT CLASS DATA	
				End of Comment	
46	(2E)	BITSTRING	2	LRSLNMGC	LENGTH OF MANAGEMENT CLASS
48	(30)	BITSTRING	1	LRSMGMCL (0)	VARIABLE LENGTH MANAGEMENT CLASS
48	(30)	X'8'	0	LRSMGCLN	"*-LRSDATA" LRS MANAGEMENT CLASS ENTRY LENGTH
				Comment	
				LRS UNITNAME LIST DATA NOTE: LRSENTCT CONTAINS THE NUMBER OF UNITNAMES	
				End of Comment	
46	(2E)	CHARACTER	8	LRSULNAM	UNIT NAME
46	(2E)	X'E'	0	LRSULLEN	"*-LRSDATA" LRS UNITNAME LIST LENGTH
				Comment	
				MISCELLANEOUS INFORMATION --- COMBINED FLAG EQUATES FOR IATIIP0X CHECKING ---	
				End of Comment	
170	(AA)	X'B9'	0	LRSERR1A	"LRSRERR+LRSPASS+LRSABRT+LRSIOER+LRSNF"
170	(AA)	X'6'	0	LRSERR1B	"LRSNOUN+LRSCVOL"
170	(AA)	X'C0'	0	LRSERR2	"LRSHSME1+LRSHSME2"
170	(AA)	X'BF'	0	LRSERR1	"LRSERR1A+LRSERR1B" 30

IATYLRS Cross Reference

Name

Name

LRSDSNK
LRSDSNQ
LRSDSSEQ
LRSDTCLK
LRSDTCLN
LRSEHSM1
LRSEHSM2
LRSENDJB
LRSENTCT
LRSENTNX
LRSENTRY
LRSEOJK
LRSEOJLN
LRSERRIO
LRSERR1
LRSERR1A
LRSERR1B
LRSERR2
LRSEXTCT
LRSFLG1
LRSFLG2
LRSFLG3
LRSFL201
LRSFL202
LRSFL204
LRSFL301
LRSFL302
LRSFSRES
LRSFSRET
LRSFXEND
LRSFXLEN
LRSGDG
LRSGDGQE
LRSGDGRN
LRSGDLIM
LRSHDR
LRSHEND
LRSHFLG
LRSHFL01
LRSHFL02
LRSHFL04
LRSHFL08
LRSHSIZE
LRSHSME1
LRSHSME2
LRSHSMRC
LRSID
LRSIOER
LRSJOBNO
LRSKEYD
LRSLDTBF
LRSLDTRQ
LRSLFXBF
LRSLFXRQ
LRSLGRVL
LRSLIST
LRSLNDTC
LRSLNMGC
LRSLNMSG
LRSLNSTC

Name

LRSLRC
LRSLSABN
LRSLSTEN
LRSMGCLK
LRSMGCLN
LRSMGMCL
LRSMMNCT
LRSMSG
LRSMSGK
LRSMSGLN
LRSNEXT
LRSNF
LRSNOUN
LRSOCVOL
LRSPASS
LRSPASWD
LRSRAB
LRSRECN
LRSRERR
LRSRFDNF
LRSRSVD1
LRSRSVS
LRSSEQNO
LRSSERLN
LRSSERRK
LRSSFUNC
LRSSIZE
LRSSMCAT
LRSSMSDS
LRSSMSMM
LRSSMVRF
LRSSPAFR
LRSSPBUF
LRSSREAS
LRSSRETC
LRSSRSVD
LRSSSFSP
LRSSSLSP
LRSSTCLK
LRSSTCLN
LRSSTRCL
LRSTART
LRSTPCNO
LRSULIST
LRSULLEN
LRSULNAM
LRSUNITD
LRSUNITK
LRSUNITL
LRSUNLEN
LRSUSJCL
LRSVOLD
LRSVOLEN
LRSVOLK
LRSWRKAR

IATYLSVT Information

IATYLSVT Heading Information

Common Name: Locate Subtask Vector Table
Macro ID: IATYLSVT
DSECT Name: LSVTSTRT, LSVTNTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: LSVT
Offset: 0
Length: 4
Storage Attributes: Main Storage: Subpool 0
Auxiliary Storage: N/A
Size: LSVTHSIZ - Size of LSVT Header
LSVTESIZ - Size of LSVT Entry
Created by: LVAT
Pointed to by: LDALSVT IN IATYLDA
Serialization: None
Function:

IATYLSVT Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	LSVTSTRT	, Locate Subtask Vector Table
0	(0)	CHARACTER	4	LSVTID	Control Block Identifier
4	(4)	SIGNED	4	LSVTHRSD (2)	Reserved for Development
12	(C)	SIGNED	4	LSVTHRSS (2)	Reserved for Service
20	(14)	SIGNED	4	LSVTHEND (0)	End of LSVT Header
20	(14)	X'14'	0	LSVTHSIZ	"LSVTHEND-LSVTSTRT" Size of LSVT Header

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	LSVTNTRY	, Locate Subtask Vector Table Entry
0	(0)	ADDRESS	4	LSVTLCT	Locate Subtask Control Table (LCT) Address. A fullword of X"FFFFFFFF" indicates the end of the LSVT.
4	(4)	ADDRESS	4	LSVTTCB	Locate Subtask TCB Address
8	(8)	SIGNED	4	LSVTEEND (0)	End of LSVT Entry
8	(8)	X'8'	0	LSVTESIZ	"LSVTEEND-LSVTNTRY" Size of LSVT Entry

IATYLSVT Cross Reference

Name

LSVTEEND
LSVTESIZ
LSVTHEND
LSVTHRSD
LSVTHRSS
LSVTHSIZ
LSVTID
LSVTLCT
LSVTNTRY
LSVTSTRT
LSVTTCB

IATYMDS Information

IATYMDS Programming Interface information

Programming Interface information

IATYMDS

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

- *
- *
- MDARSVA
- MDBKDSN
- MDBKVLM
- MDDSNRCH
- MDFAILSF
- MDGMSCHK
- MDJSTERR
- MDJSTGET
- MDJSTRD
- MDJSTREL
- MDJSTWRT
- MDJVTGET
- MDMCRVLM
- MDMSGBLD
- MDMSGRTE
- MDSALERR
- MDSCNAME
- MDSCNECT
- MDSDSBLD
- MDSDYCHN
- MDSDYNDR
- MDSERROR
- MDSFENCE
- MDSIOERR
- MDSJUN
- MDSNCBPT
- MDSRSCAL
- MDSSYSAD
- MDSTRACE
- MDSUPCAT
- MDSVLBLD
- MDSYSACH
- MDUAFDYN
- MDUX71CL
- MDXTCTAD
- MDYDEQRQ
- MDYFNDSA
- 2
- 2

End of Programming Interface information

IATYMDS Heading Information

Common Name: MAIN DEVICE SCHEDULER TABLE
Macro ID: IATYMDS
DSECT Name: MDSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IATMDDA
Offset: 0
Length: 8
Storage Attributes: Auxiliary Storage: N/A
Subpool: 0
Key: 1 (JESKEY)
Residency: ANY
Size: MDS1SIZE (IF MSGS=NO),
MDS1SIZE+MDS2SIZE (IF MSGS=YES)
Created by: IATINMD (VIA ALOAD)
Pointed to by: MDSPARM IN IATYTVT
Serialization: NONE
Function: THIS IS THE MAIN DEVICE SCHEDULER DATA AREA,
WHICH MAPS THE STORAGE IN DATA CSECT IATMDDA.
IT CONTAINS FLAGS, FIELDS AND MESSAGES USED BY MDS.

IATYMDS Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	MDSTART	
		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		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			
		RESQUEUE GROUP CHAIN ORIGIN FIELDS			
		End of Comment			
36	(24)	SIGNED	4	MDCHAINS (0)	START OF MDS CHAINS
36	(24)	SIGNED	4	MDFETCHQ	START OF FETCH CHAIN
40	(28)	SIGNED	4	MDVOLWTQ	START OF VOLUME WAIT CHAIN
44	(2C)	SIGNED	4	MDALLOCQ	START OF ALLOCATE CHAIN
48	(30)	SIGNED	4	MDVOLUAQ	START OF UNAVAILABLE CHAIN
52	(34)	SIGNED	4	MDVERFYQ	START OF VERIFY CHAIN
56	(38)	SIGNED	4	MDERRORQ	START OF ERROR CHAIN
60	(3C)	SIGNED	4	MDBRKDNQ	START OF BREAKDOWN CHAIN
64	(40)	SIGNED	4	MDRSTRTQ	START OF RESTART CHAIN
68	(44)	SIGNED	4	MDYNALOQ	START OF DYNAMIC ALLOC CHAIN
		Comment			
		ECF AND FLAG AREA			
		End of Comment			
72	(48)	ADDRESS	4	MDSECFAD	ADDRESS OF MDS ECF AREA
76	(4C)	BITSTRING	6	MDSECFAR	CONTIGUOUS MDS ECF AREA
76	(4C)	X'4C'	0	MDSECF	"MDSECFAR,1" MDS ECF
		1...		MDSBK	"X'80'" BREAKDOWN POST BIT

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.1..		MDSMSG	"X'40'" MESSAGE POST BIT
		..1.		MDSAL	"X'20'" ALLOC POST BIT(SEE MDSALECF)
		...1		MDSVFY	"X'10'" VERIFY POST BIT
		.... 1...		MDSRST	"X'08'" RESTART POST BIT
		.... .1..		MDSFE	"X'04'" FETCH POST BIT
		.... ..1.		MDSASYNC	"X'02'" ASYNCRONOUS PROCESSING REQ'D
		1		MDSIPOST	"X'01'" INTERNAL PROCESSING REQ'D
76	(4C)	X'4D'	0	MDSSSECF	"MDSECFAR+1,1" Asynchronous event/SSI ECF
		1...		MDSDAL	"X'80'" DYNAMIC ALLOCATION SSI
		.1..		MDSDUL	"X'40'" DYNAMIC UNALOCATION SSI
		..1.		MDSCDD	"X'20'" CHANGE DDNAME SSI
		...1		MDSVER	"X'10'" VERIFY RESPONSE
		.... 1...		MDSSAL	"X'08'" STATIC ALLOCATION SSI
		.... .1..		MDSCNQ	"X'04'" CHG DSN ENQ USE ATTR SSI
		.... ..1.		MDSVRL	"X'02'" EARLY VOL REL SSI
		1		MDSWLMEV	"X'01'" Work-Load Manager Event
		1111 1111		MDSSSALL	"X'FF'" Used to post all functions
76	(4C)	X'4E'	0	MDSIECF	"MDSECFAR+2,1" INTERNAL ECF
		1...		MDSAMAR	"X'80'" MDS ASYNC REQUEST QUEUED
		.1..		MDSIDYFE	"X'40'" DYNAMIC ALLOCATION IN FETCH
		..1.		MDSIDYAL	"X'20'" DYNAMIC ALLOCATION IN ALLOC
		...1		MDSCKWT	"X'10'" Re-write the checkpoint
		.... 1...		MDSITIME	"X'08'" MSS TIMER EXPIRED
		.... .1..		MDSMSVAR	"X'04'" MSS VARY OCCURRED
		.... ..1.		MDSIDYVE	"X'02'" DYNAMIC ALLOCATION IN VERFY
		1		MDSIDYNQ	"X'01'" WORK ON DYN SA QUEUE
76	(4C)	X'4F'	0	MDSALECF	"MDSECFAR+3,1" ALLOCATION DESCRIPTION BYTE POSTER OF MDSAL BIT IN MDSECF SHOULD ALSO SET ONE OR MORE BITS IN THIS BYTE IF A RESOURCE BECAME AVAIL.
		1...		MDSDEVAV	"X'80'" SETUP DEVICE AVAILABLE POST
		.1..		MDSVOLAV	"X'40'" VOLUME AVAILABLE POST
		..1.		MDSDTSAV	"X'20'" DATASET AVAILABLE POST
		...1		MDSVFYDN	"X'10'" VERIFY PROCESSING COMPLETE
		.... 1...		MDSFNCDN	"X'08'" DEVICE DEDICATION DONE
76	(4C)	X'50'	0	MDSR1ECF	"MDSECFAR+4,1" RESERVED FOR DEVELOPMENT
76	(4C)	X'51'	0	MDSR2ECF	"MDSECFAR+5,1" RESERVED FOR SERVICE

Comment

MDS FLAGS

End of Comment

82	(52)	BITSTRING	1	MDAFLG1	MDAFLG1 MDSALLOC FLAG BYTE 1
		1...		MDAPRS	"X'80'" PERM RES VOLUME REFERENCE
		.1..		MDAMULDD	"X'40'" 2ND-NTH UNIT - MULT UNIT DD
		..1.		MDAMULST	"X'20'" RETRY MULTI-UNIT DD PROCESSING DUE TO UNIT LIST
83	(53)	BITSTRING	1	MDAFLG2	MDAFLG2 MDSALLOC FLAG BYTE 2

Comment

DEFINITION OF MDAFLG2

End of Comment

		1...		MDARECYC	"X'80'" JOB RECYCLED THRU ALLOC
		.1..		MDASPCMN	"X'40'" SINGLE PROCESSOR SPECIFIED
		..1.		MDAOPMNT	"X'20'" OPERATOR MOUNTING REQUIRED
84	(54)	BITSTRING	1	MDBFLG1	MDBFLG1 MDSBRKDN FLAG BYTE 1

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		---------- DEFINITION OF MDBFLG1 ----------			
		End of Comment			
		1...		MDBJOBRK	"X'80'" JOB BREAKDOWN PROCESSING
		.1..		MDBSTBRK	"X'40'" STEP BREAKDOWN PROCESSING
		..1.		MDBDDBRK	"X'20'" DD BREAKDOWN PROCESSING
		...1		MDBSTPFD	"X'10'" JST STEP ENTRY FOUND
		.... 1...		MDBPJSS	"X'08'" JSS SHOULD BE POSTED
		.... .1..		MDBJFTCH	"X'04'" SEND JOB TO FETCH QUEUE
		.... ..1.		MDBJERRQ	"X'02'" SEND JOB TO ERROR QUEUE
		1		MDBPOS	"X'01'" POST OUTPUT SERVICE
85	(55)	BITSTRING	1	MDBFLG2	MDBFLG2 MDSBRKDN FLAG BYTE 2
		Comment			
		---------- DEFINITION OF MDBFLG2 ----------			
		End of Comment			
		1...		MDBJVLRL	"X'80'" JOB BKDN VOLUME RELEASE ONLY
		.1..		MDBSVLRL	"X'40'" STEP END ONLY VOLUME RELEASE
		..1.		MDBMSSDL	"X'20'" MSS DEALLOCATION ENTERED
		...1		MDBDYNDL	"X'10'" DYNAMIC DEALLOC DONE
		.... 1...		MDBDYJOB	"X'08'" JOB BKDN FOR DYNALLOC
		.... .1..		MDBTASCR	"X'04'" DEALLOC SCRATCH TAPES
		.... ..1.		MDBWRTJS	"X'02'" MDSVGET WRITE JST ON ERROR
		1		MDBUFDY	"X'01'" UNAL FOR FAILED DYN ALLOC
86	(56)	BITSTRING	1	MDBFLG3	MDBFLG3 MDSBRKDN FLAG BYTE 3
		1...		MDBTPBRK	"X'80'" STEP BREAKDOWN FOR APPC-TRANSACTION PROGRAM (TP)
		.1..		MDBFLWRT	"X'40'" FAILSOFT SHOULD WRITE JST
87	(57)	BITSTRING	1	MDDFLG1	MDDFLG1 MDOP FLAG BYTE
		Comment			
		---------- DEFINITION OF MDDFLG1 ----------			
		End of Comment			
		1...		MDDMULT	"X'80'" MULTIPLE FIELD IN INPUT CMD
		.1..		MDDINQ	"X'40'" INPUT COMMAND IS INQUIRY
		..1.		MDDMOD	"X'20'" INPUT COMMAND IS MODIFY
88	(58)	BITSTRING	1	MDDFLG2	MDDFLG2 MDSDRIVR FLAG BYTE
		Comment			
		---------- DEFINITION OF MDDFLG2 ----------			
		End of Comment			
		1...		MDDFLJST	"X'80'" FAILSOFT INVOKED MDSJST
		.1..		MDDFAILS	"X'40'" FAILSOFT RECOVERY ACTIVE
		..1.		MDDNOTAP	"X'20'" SKIP RQTAPUT IN FAILSOFT
		...1		MDDNODSN	"X'10'" SKIP SETDSN DELETE IN FAILSOFT
		.... 1...		MDDMSSJS	"X'08'" JSERV NEEDED FOR MSS REUSE INTERVAL VERIFY
		.... .1..		MDDOCKPT	"X'04'" ONLINE CHECKPOINT NEEDED

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... ..1.		MDDNOMSS	"X'02'" DO NOT PROCESS MSS SSI POST UNTIL BREAKDOWN POST HAS BEEN HANDLED
		1		MDDPJSS	"X'01'" POST JSS (AFTER SUPUNIT VARY)
89	(59)	BITSTRING	1	MDFFLG1	MDFFLG1 MDSFETCH FLAG BYTE 1
		Comment			
		DEFINITION OF MDFFLG1			
		End of Comment			
		1...		MDFVNMTD	"X'80'" JOB USES UNMOUNTED VOLUME(S)
		.1..		MDFDYSCN	"X'40'" DYNALOC RQST VLM SCAN PASS
		..1.		MDFVLWT	"X'20'" JOB MUST WAIT FOR VOLS
		...1		MDFSKIP	"X'10'" SKIP NEXT CALL TO FETCH
		.... 1...		MDFMSSCN	"X'08'" MSS VOLUME SCAN IN PROGRESS
		.... .1..		MDFMSSER	"X'04'" INCOMPATIBLE MSS VOLUME
		.... ..1.		MDFOPMSG	"X'02'" FETCH MESSAGES WERE WRITTEN TO THE OPERATOR
90	(5A)	BITSTRING	1	MDFFLG2	MDFFLG2 MDSFETCH FLAG BYTE 2
		Comment			
		DEFINITION OF MDFFLG2			
		End of Comment			
		1...		MDFNVLM	"X'80'" NEW SETVOL ENTRY CREATED
91	(5B)	BITSTRING	2	MDSRSVD5	Reserved for development
93	(5D)	BITSTRING	1	MDSSVTYP	XTYPE OF 1ST DEV - MULTI-DD
94	(5E)	BITSTRING	1	MDSBFLG1	MDSBFLG1 MDSB FLAG BYTE 1
		Comment			
		DEFINITION OF MDSBFLG1			
		End of Comment			
		1...		MDSDSSCN	"X'80'" MDS DOING DS SCAN
		.1..		MDSGDJST	"X'40'" DJST READ IN FOR DS SCAN
		..1.		MDCRTRY	"X'20'" DYNALLOC CHAIN ROUTINE RETRYING AFTER ABEND
		...1		MDSBF110	"X'10'" RESERVED
		.... 1...		MDSBF108	"X'08'" RESERVED
		.... .1..		MDSBF104	"X'04'" RESERVED
		.... ..1.		MDSBF102	"X'02'" RESERVED
		1		MDSBF101	"X'01'" RESERVED
95	(5F)	BITSTRING	1	MDRFLG1	MDRFLG1 MDSREST FLAG BYTE 1
		Comment			
		DEFINITION OF MDRFLG1			
		End of Comment			
		1...		MDRFIRST	"X'80'" FIRST PASS RESTART COMPLETE
		.1..		MDRNOCON	"X'40'" NO CONNECT AFTER RESTART
		..1.		MDRSCAND	"X'20'" RESTART QUE SCANNED
		...1		MDRQPUTD	"X'10'" ALL JOBS PUT TO QUE'S
		.... 1...		MDRFSTST	"X'08'" ALL JOBS PUT TO QUE'S

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... .1..		MDSSECND	"X'04'" THIS IS A SECONDARY MDS FCT ATTACHED FOR RESTART
		.... ..1.		MDSRTERM	"X'02'" SECONDARY MDS RESTART FCT TERMINATED
96	(60)	BITSTRING	1	MDRFLG2	MDRFLG2 MDSREST FLAG BYTE 2
		Comment			
		DEFINITION OF MDRFLG2			
		End of Comment			
		1...		MDRNOMPC	"X'80'" UNABLE TO LOCATE PROCESSOR
		.1..		MDRNODEV	"X'40'" UNABLE TO LOCATE DEVICE(S)
		..1.		MDRSETVL	"X'20'" SETVOL REBUILD REQUIRED
		...1		MDRALLOC	"X'10'" REALLOCATE RESOURCES
		.... 1...		MDRVERFY	"X'08'" VOLUME REVERIFY REQUIRED
		.... .1..		MDRDYNAL	"X'04'" DYNAMIC ALLOC JOBS EXIST
		.... ..1.		MDREQELG	"X'02'" ELIGIBILITY PASS REQUIRED
		1		MDRADYN	"X'01'" THIS DYNALLOC IS ACTIVE
97	(61)	BITSTRING	1	MDSFLG1	MDSFLG1 MDSSELCT FLAG BYTE 1
		Comment			
		DEFINITION OF MDSFLG1			
		End of Comment			
		1...		MDSSCAN	"X'80'" ALLOCATION SCAN IN PROGRESS
		.1..		MDSRSCUP	"X'40'" UPDATE RESOURCES IN RES Q
		..1.		MDSRSCAN	"X'20'" RESTART JOB SCAN
		...1		MDSALC	"X'10'" A JOB WAS SENT TO MDSALLOC
		.... 1...		MDSDYNAL	"X'08'" DYNAMIC ALLOC JOBS EXIST
		.... .1..		MDSASCS	"X'04'" JOB PASSED ARL PRE-ALLOC SCAN
		.... ..1.		MDSPRESC	"X'02'" JOB FAILED ARL PRE-ALLOC SCAN
		1		MDSDEVFL	"X'01'" JOB FAILED DEV ALLOCATION 0676
98	(62)	BITSTRING	1	MDSFLG2	MDSFLG2 MDSSELCT FLAG BYTE 2
		Comment			
		DEFINITION OF MDSFLG2			
		End of Comment			
		1...		MDSBAR	"X'80'" JOB IS ABOVE MAIN BARRIER
		.1..		MDSAGEON	"X'40'" AGING CANDIDATE
		..1.		MDSJSTIN	"X'20'" JST(S) IS IN CORE
		...1		MDSRSVD	"X'10'" RESOURCES RESERVED ON A MAIN
		.... 1...		MDSMTMSG	"X'08'" JOB REQUIRES OP MOUNT(S)
		.... .1..		MDSNONPR	"X'04'" JOB USES NON O/S PR VOLUME
		.... ..1.		MDSMDPTH	"X'02'" CURRENT MAIN AT DEPTH
		1		MDSCDPTH	"X'01'" JOBCLASS AT DEPTH
99	(63)	BITSTRING	1	MDSFLG3	MDSFLG3 MDSSELCT FLAG BYTE 3
		Comment			
		DEFINITION OF MDSFLG3			
		End of Comment			
		1...		MDSBARC	"X'80'" SYSUNIT BARRIER PROC. COMP.

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.1..		MDSVLRSV	"X'40'" VOLUME(S) ARE RESERVED
		..1.		MDSDSRSV	"X'20'" DATASET(S) ARE RESERVED
		...1		MDSDEFER	"X'10'" DEFERRED VOLUME MOUNT REQ'D
		Comment			
		THE VALUE OF THE NEXT FOUR BITS SHOULD NOT BE ALTERED, AS THEY ARE MAPPED IN THE SYSFLAG4 FIELD OF THE SYSUNITS TABLE ENTRIES, (IATYSYS).			
		End of Comment			
		.... 1...		MDSDVRTA	"X'08'" TAPE DEV'S RESERVED.
		.... .1..		MDSDVRDA	"X'04'" DASD DEV'S RESERVED.
		.... ..1.		MDSDVRUR	"X'02'" UNIT RECORD DEV'S RESERVED.
		1		MDSDVRGR	"X'01'" GRAPHICS DEV'S RESERVED.
99	(63)	X'F'	0	MDSDVRSV	"MDSDVRTA+MDSDVRDA+MDSDVRUR+MDSDVRGR"
100	(64)	BITSTRING	1	MDSFLG4	MDSFLG4 MDS Select Flag Byte 4
		Comment			
		---------- Definition of MDSFLG4. ----------			
		End of Comment			
		1...		MDSCOMFN	"X'80'" At least one connected and online main processor was found
		.1..		MDSDSCAN	"X'40'" DYNAMIC ALLOCATION BEING .. 06013SUA .. PROCESSED (PROVIDES .. 06013SUA ... SERIALIZATION WITH DDR) 06013SUA
101	(65)	BITSTRING	1	MDVFLG1	MDVFLG1 MDSVERFY FLAG BYTE 1
		Comment			
		---------- DEFINITION OF MDVFLG1 ----------			
		End of Comment			
		1...		MDVREMNT	"X'80'" JOB REQ RE-ISSUEING MOUNTS
		.1..		MDVJFAIL	"X'40'" JOB IS TO BE CANCELLED
		..1.		MDVJRSTR	"X'20'" JOB IS TO BE RESTARTED
		...1		MDVMPRED	"X'10'" MAIN MASK REDUCED
102	(66)	BITSTRING	1	MDVFLG2	MDVFLG2 MDSVERFY FLAG BYTE 2
		Comment			
		---------- DEFINITION OF MDVFLG2 ----------			
		End of Comment			
		1...		MDVDMNTD	"X'80'" DEVICE VERID IS 'MOUNTED'
		.1..		MDVDNACC	"X'40'" DEVICE NOT ACCESSABLE
103	(67)	BITSTRING	1	MDSGFLG1	MDSGFLG1 MDS GENERAL FLAG BYTE 1
		Comment			
		---------- DEFINITION OF MDSGFLG1 ----------			
		End of Comment			
		1...		MDGSETAC	"X'80'" SETACC SETVOL ENTRIES EXIST
		.1..		MDGSETRS	"X'40'" SETRES ENTRY BUFFER(S) EXIST

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		..1.		MDGPRON	"X'20'" ALL DEVICES OF TYPE ARE P/R
		...1		MDGPRVOL	"X'10'" SETVOL CREATED - P/R DEVICE 0741
		.... 1...		MDGCNTPR	"X'08'" COUNT P/R DEV'S IN ARL SCAN 0741
		.... .1..		MDSYSRSV	"X'04'" SPECIFIC DEVICES WERE RESERVED DURING THIS ALLOCATION SCAN. THAT IS, THE SYSRSRV FLAG WAS SET IN AT LEAST ONE SYSUNITS ENTRY
		.... ..1.		MDGERROR	"X'02'" ERROR CONDITION DURING MDS PROCESSING
		1		MDGDGBAS	"X'01'" A DD ENTRY REQUIRES A GDG BASE ALLOCATION
104	(68)	BITSTRING	1	MDSGFLG2	MDSGFLG2 MDS GENERAL FLAG BYTE 2

Comment

DEFINITION OF MDSGFLG2

End of Comment

		1...		MDSGJCAT	"X'80'" JST ACCESS FOR JOB/STEP CAT
		.1..		MDSGCDYN	"X'40'" CURRENT JST IS DYNAM ALLOC
		..1.		MDSGJMDS	"X'20'" JST READ BY MDSJST SUBR
		...1		MDSGIOIQ	"X'10'" I/O ATTEMPT FROM INQUIRY
		.... 1...		MDSGIOMO	"X'08'" I/O ATTEMPT FROM MODIFY
		.... .1..		MDSGIODR	"X'04'" I/O ATTEMPT FROM DRIVER
		.... ..1.		MDSGJEOD	"X'02'" RETURN EOD ON FIRST MDSJGET
		1		MDSGRERR	"X'01'" JST READ ERR BUFFER RELEASE
105	(69)	BITSTRING	1	MDSGFLG3	MDSGFLG3 MDS GENERAL FLAG BYTE 3

Comment

DEFINITION OF MDSGFLG3

End of Comment

		1...		MDSGJSIN	"X'80'" JST ACCESS FOR SINGLE BUFFER
		.1..		MDSGEJOB	"X'40'" JSTGET EOD ON END OF JOB JST
		..1.		MDSGEDYN	"X'20'" JSTGET EOD ON END OF DYN JST
		...1		MDSGESTP	"X'10'" JSTGET EOD ON NEXT STEP
		.... 1...		MDSGJREL	"X'08'" JST RELEASE SPECIFIED
		.... .1..		MDSGJCHK	"X'04'" JST CHECKPOINT WRITE
		.... ..1.		MDSGJSTP	"X'02'" JST READ FOR STEP ENTRY
		1		MDSGMODO	"X'01'" JST MODONLY WRITE
106	(6A)	BITSTRING	1	MDSGFLG4	MDSGFLG4 MDS GENERAL FLAG BYTE 4

Comment

DEFINITION OF MDSGFLG4

End of Comment

		1...		MDGJSTRD	"X'80'" JST READ SUBROUTINE ACTIVE
		.1..		MDSSMSRC	"X'40'" JOB REQUIRES SMS RESOURCES
		..1.		MDSCNMSK	"X'20'" JOB USED CONNECT MASK FOR SMS
		...1		MDSCNSMS	"X'10'" SMS WAS INACTIVE AT THE 0483 TIME C/I PROCESSING WAS 0483 PERFORMED 0483
		.... 1...		MDSGBATC	"X'08'" BATCH JST BUFF. TO WRITE
		.... .1..		MDSGCSBT	"X'04'" CSBT USED TO READ BATCH JST BUFFERS
		.... ..1.		MDS5914	"X'02'" DEALLOCATION WAS PERFORMED, 0097 SO IAT5914 IS REQUIRED 0097
		1		MDSIVERL	"X'01'" Logging of initial verify messages was requested
107	(6B)	BITSTRING	2	MDXFLG1	RESERVED

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
112	(70)	SIGNED	4	MDSFLEND (0)	END OF ECF/FLAG BYTE AREA
		Comment			
		INITIALIZATION OPTIONS			
		End of Comment			
112	(70)	SIGNED	2	MDSNAMCT	NUMBER OF SETNAMES ENTRIES
114	(72)	SIGNED	2	MDSRSVDD	RESERVED FOR DEVELOPMENT
116	(74)	SIGNED	4	MDSRSVDS	RESERVED FOR JES3 SERVICE
120	(78)	BITSTRING	1	MDSOPT2	SECOND MDS OPTION BYTE 0013
		1...		MDSSDZER	"X'80'" SDEPZERO=ERROR 0013
121	(79)	CHARACTER	3	MDSMSVCR (0)	MSVC/DYNALLOC VUA RESERVE
121	(79)	CHARACTER	2	MDSMSVCV	VUA RESERVE NUMERIC VALUE
123	(7B)	CHARACTER	1	MDSMSVCT	VUA RESERVE TYPE - COUNT (BLANK) OR PERCENT (%)
124	(7C)	SIGNED	4	MDSREUSE	MSS REUSETME HUNDREDTHS/SEC
128	(80)	SIGNED	2	MDOPRLIM	NO. TRYS ALLOWED TO REMOUNT
130	(82)	SIGNED	2	MDSRESRV (4)	RESERVED FOR DEVELOPMENT 3
138	(8A)	ADDRESS	1	MDSDSNSZ	SIZE OF DSN FOR MESSAGES
139	(8B)	BITSTRING	1	MDSOPTN	MDSOPTN MDS OPTION BYTE
		1...		MDSAUTO	"X'80'" AUTOMATIC ALLOCATION
		.1..		MDSFETCH	"X'40'" FETCH=YES SPECIFIED
		..1.		MDSDFRCT	"X'20'" DEFERCT=YES SPECIFIED
		...1		MDSFEPRD	"X'10'" FETCH MESSAGES FOR PERMRES OR RESERVED DASD ARE TO BE WRITTEN TO JESMSGLG
		.... 1...		MDSALPRD	"X'08'" ALLOCATION MESSAGES FOR PERMRES OR RESERVED DASD ARE TO BE WRITTEN TO JESMSGLG
		.... .1..		MDSFEMNT	"X'04'" FETCH MESSAGES FOR MOUNTABLE VOLUMES ARE TO BE WRITTEN TO JESMSGLG
		.... ..1.		MDSALMNT	"X'02'" ALLOCATION MESSAGES FOR MOUNTABLE VOLUMES ARE TO BE WRITTEN TO JESMSGLG
		1		MDSBKMNT	"X'01'" BREAKDOWN MESSAGES FOR MOUNTABLE VOLUMES ARE TO BE WRITTEN TO JESMSGLG
		Comment			
		CONTROL/WORK FIELDS			
		End of Comment			
140	(8C)	SIGNED	4	MDSFCT	MDS FCT POINTER
144	(90)	ADDRESS	4	MDXTCTAD	ADDRESS OF XTYPE COUNT TABLE USED DURING FETCH
148	(94)	SIGNED	4	MDSATMPT	NO. OF ALLOCATION ATTEMPTS
152	(98)	SIGNED	4	MDSSUCCS	NO. OF SUCCESSFUL ALLOCS
156	(9C)	SIGNED	4	MDSARLSC	NO. OF ALLOC ATTEMPTS SKIPPED DUE TO ARL PRE-ALLOC SCAN (SUM OF ALL ARLSCAN'S)
160	(A0)	SIGNED	4	MDSARLRF	NO. OF FAILED ALLOC ATTEMPTS DESPITE SUCCESSFUL ARL SCAN (SUM OF ALL ARLRFRSH'S)
164	(A4)	SIGNED	4	MDSNCBPT	JNCB POINTER FOR CURRENT JOB
168	(A8)	SIGNED	4	MDSGRPPT	GRP POINTER FOR CURRENT JOB
172	(AC)	SIGNED	4	MDSCLSPT	CLASS POINTER FOR CURENT JOB
176	(B0)	SIGNED	4	MDSSAVL1	MDSSELCT SAVE AREA
180	(B4)	SIGNED	4	MDSSAVL2	MDSSELCT SAVE AREA
184	(B8)	SIGNED	4	MDASAVL1	MDSALLOC SAVE AREA
188	(BC)	SIGNED	4	MDASAVL2	MDSALLOC SAVE AREA
192	(C0)	SIGNED	4	MDSALMSK	ALLOCATION MAIN SELECT MASK
196	(C4)	SIGNED	4	MDSRSVD4 (6)	Reserved for development 5
220	(DC)	SIGNED	4	MDSBTYPE	BEST DEVICE FOUND
224	(E0)	SIGNED	4	MDSALRQ	NEXT RQ ENTRY IN ALLOCATION
228	(E4)	SIGNED	4	MDSCNAME	CURRENT SETNAME ENTRY PTR
232	(E8)	SIGNED	4	MDSMNMSK	TEMP MAIN SEL MASK
236	(EC)	SIGNED	4	MDSJSTHD	CURRENT JST HEADER BUFFER

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
240	(F0)	SIGNED	4	MDSJSTBF	CURRENT JST BUFFER
244	(F4)	SIGNED	4	MDSJSTEP	JST STEP ENTRY FOR DYN ALC
248	(F8)	SIGNED	4	MDSJSTPC	CURRENT JST BUFFER FOR STEP
252	(FC)	SIGNED	4	MDSJSTRQ	RQ FOR CURRENT JST ACCESS
256	(100)	SIGNED	4	MDSJSAVE (6)	JST/JVT ACCESS SAVE AREA
280	(118)	SIGNED	4	MDSBSAVE (3)	SUBROUTINE SAVE AREA
280	(118)	X'118'	0	MDSBSTPE	"MDSBSAVE,4" BATCH STEP ENTRY
280	(118)	X'11C'	0	MDSJSTSV	"MDSBSAVE+4,4" CURRENT BATCH BUFFER
280	(118)	X'120'	0	MDSDYHDR	"MDSBSAVE+8,4" DYNALLOC HEADER
292	(124)	SIGNED	4	MDTRSAVE (2)	SAVE AREA FOR MDS TRACE
300	(12C)	SIGNED	4	MDTRCRET (2)	CALLERS REG 14 AND 15
308	(134)	SIGNED	2	MDSDVDES	DESIRABILITY OF BEST DEVICE
310	(136)	SIGNED	2	MDSJSSEQ	CURRENT JST SEQUENCE NUMBER
312	(138)	SIGNED	2	MDSVLSEQ	CURRENT JVT SEQUENCE NUMBER
314	(13A)	SIGNED	2	MDSNTYPE	NO. DEVICE(S) OF TYPE FOUND
316	(13C)	SIGNED	4	MDEEP	Current total number of jobs in SETUP
320	(140)	SIGNED	2	MDS25NTM	NUMBER OF TAPE MOUNTS ISSUED
322	(142)	SIGNED	2	MDS25NDM	NUMBER OF DISK MOUNTS ISSUED
324	(144)	SIGNED	2	MDS25NMV	NUMBER OF MSS VOLUMES REQ'D
326	(146)	SIGNED	2	MDSDARET	# OF DACC DEVICES RETURNED
328	(148)	SIGNED	2	MDSTARET	# OF TAPE DEVICES RETURNED
330	(14A)	SIGNED	2	MDSOTRET	# OF OTHER DEVICES RETURNED
332	(14C)	SIGNED	2	MDSVURET	# OF MSS DEVICES RETURNED
334	(14E)	SIGNED	2	MDSDASUB	# OF DA TO SUBTRACT FROM JOB
336	(150)	SIGNED	2	MDSTASUB	# OF TA TO SUBTRACT FROM JOB
338	(152)	SIGNED	2	MDSOTSUB	# OF OT TO SUBTRACT FROM JOB
340	(154)	SIGNED	2	MDSVUSUB	# OF MS TO SUBTRACT FROM JOB
342	(156)	SIGNED	2	MDSAVHW1	MDS HALF WORD SAVE AREA 1
344	(158)	SIGNED	2	MDSAVHW2	MDS HALF WORD SAVE AREA 2
346	(15A)	SIGNED	2	MDSRSVD7	Reserved for IBM
348	(15C)	SIGNED	4	MDSDSCNA	ADDRESS OF SETDSN (DS SCAN)
352	(160)	SIGNED	4	MDAUNIT	MDAL UNITNAME POINTER
356	(164)	SIGNED	2	MDALSNXT	INDEX OF NEXT LIST ENTRY
358	(166)	SIGNED	2	MDSVFMSG	IAT5918 MESSAGE COUNT
360	(168)	BITSTRING	1	MDALRESC	MDALRESC NEW ALLOCATION RESOURCE(S) THIS BYTE CONTAINS THE RESOURCE(S) WHICH BECAME AVAILABLE FOR THE ALOC PASS.

Comment

DEFINITION OF MDALRESC

End of Comment

360	(168)	X'80'	0	MDSDEVRQ	"MDSDEVAV" JOB(S) THAT REQ BUSY DEVICE
360	(168)	X'40'	0	MDSVBSRQ	"MDSVOLAV" JOB(S) THAT REQ BUSY VOLUMES
360	(168)	X'20'	0	MDSDTSRQ	"MDSDTSAV" JOB(S) THAT REQ BUSY DATASET
360	(168)	X'10'	0	MDSVFYPD	"MDSVFYDN" JOB(S) ENCOUNTERED VFY PNDG
360	(168)	X'8'	0	MDSFNCPD	"MDSFNCDN" JOB(S) NEEDS DEDICATED DEVS
361	(169)	BITSTRING	1	MDALOPTN	MDALOPTN MDSALLOC ALLOCATION OPTION

Comment

DEFINITION OF MDALOPTN

End of Comment

1...	MDAFIRST	"X'80'" FIRST PASS ALLOCATION
.1..	MDARESRV	"X'40'" RESERVE IF ALLOCATION FAILS
..1.	MDADONLY	"X'20'" USE DJC FENCED DEVICES ONLY
...1	MDAGONLY	"X'10'" USE GRP FENCED DEVICES ONLY
.... 1...	MDANOACT	"X'08'" NO OPERATOR ACTION ALLOWED
.... .1..	MDASDGXX	"X'04'" HONOR STRICT SDG ALLOCATION

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... ..1.		MDALOP02	"X'02'" RESERVED FOR JES3 SERVICE
		1		MDALOP01	"X'01'" RESERVED FOR JES3 SERVICE
362	(16A)	BITSTRING	1	MDSVERID	VERIFY ID CHARACTER
363	(16B)	BITSTRING	1	MDRQSTPN	STEP NUMBER TO DEALLOCATE
364	(16C)	BITSTRING	1	MDSRQDA	AREA TO CALCULATE MIN. NUMBR
365	(16D)	BITSTRING	1	MDSRQTA	OF DA,TA,OT,VU DEVICES
366	(16E)	BITSTRING	1	MDSRQOT	REQUIRED BY THE CURRENT
367	(16F)	BITSTRING	1	MDSRQVU	JOB IN ALLOCATION
368	(170)	BITSTRING	1	MDSRSVS1	RESERVED FOR JES3 SERVICE NO. OF DEVICES REQ'D BY JOB
369	(171)	BITSTRING	1	MDSTAADJ	WHICH ALLOCATED, TO ADJUST
370	(172)	BITSTRING	1	MDSOTADJ	FROM THE NUMBER OF
371	(173)	BITSTRING	1	MDSVUADJ	DEVICES RETURNED
372	(174)	BITSTRING	2	MDJPRTY	PRIORITIES OF PREVIOUS JOB
372	(174)	X'174'	0	MDGRPRTY	"MDJPRTY,1" GROUP PRIORITY
372	(174)	X'175'	0	MDPRTY	"MDJPRTY+1,1" JOB PRIORITY
374	(176)	BITSTRING	1	MDSDDRTC	NMBR OF MAINS EXEC TAPE/UR DDR
375	(177)	BITSTRING	1	MDSDDRDC	NMBR OF MAINS EXEC DASD DDR
376	(178)	BITSTRING	1	MDSDDRFG	DDR FLAG
		1...		MDSDDRWT	"X'80'" INTERRUPT OF SETUP SCAN - REQUIRED FOR DDR PROCESSING
		1		MDSDDRIP	"X'01'" DDR IN PROGRESS
		1111 111.		MDSDDRNP	"X'FE'" DDR NOT IN PROGRESS
377	(179)	BITSTRING	1	MDSRSVD1	RESERVED FOR SERVICE

Comment

MDS ARL MANAGEMENT FIELDS

End of Comment

378	(17A)	BITSTRING	1	MDAROPTN	ARL ROUTINE FLAG BYTE
		1...		MDARADD	"X'80'" IATXARL TYPE=ADD
		.1..		MDARSCAN	"X'40'" IATXARL TYPE=SCAN
		..1.		MDARDEL	"X'20'" IATXARL TYPE=DEL
379	(17B)	BITSTRING	1	MDARSCFL	ARL SCAN ROUTINE FLAG BYTE
		1...		MDARALB	"X'80'" INDICATES "ALL-BUSY" RETURN
		.1..		MDARBUSY	"X'40'" INDICATES "BUSY" RETURN
		..1.		MDARMUST	"X'20'" ALLOCATION MUST BE ATTEMPTED
		...1		MDARLIST	"X'10'" UNITNAME LIST PASS
380	(17C)	ADDRESS	4	MDSARLCP	ADDRESS OF ARL CELL-POOL
384	(180)	ADDRESS	4	MDARSVA	TEMP STORAGE FOR ARL ADDRESS
388	(184)	ADDRESS	4	MDARSVRQ	TEMP STORAGE FOR RESQUEUE
392	(188)	ADDRESS	4	MDSCUFCT	ADDRESS CLEAN UP DSP DICT ENTRY
396	(18C)	ADDRESS	4	MDARSVAX	TEMP ARL EXT ADDR SAVE AREA
400	(190)	SIGNED	4	MDSWORK	MDS WORK AREA

Comment

'SCRTCH' SETDSN BUILD AREA

End of Comment

408	(198)	DBL WORD	8	MDSCRDBL (0)	
408	(198)	SIGNED	4	(2)	
408	(198)	X'19E'	0	MDSCRSTN	"MDSCRDBL+6,2"
416	(1A0)	ADDRESS	1	MDSCRTCH	
417	(1A1)	CHARACTER	6	MDSCRST	
423	(1A7)	CHARACTER	8	MDSCRJID	
432	(1B0)	CHARACTER	3	MDSCRSTP	
432	(1B0)	X'1B2'	0	MDSCRSTE	"MDSCRSTP+2,1"
432	(1B0)	X'1B3'	0	MDSCREND	"*"

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				MDS SUBROUTINE ENTRY POINT ADDRESSES	
				End of Comment	
436	(1B4)	SIGNED	4	MDSUBSRT (0)	START OF SUB ENTRY POINTS
436	(1B4)	ADDRESS	4	MDGMSCHK	E.P. GROUP/CLASS AVAIL CHECK
440	(1B8)	ADDRESS	4	MDSDSBLD	DSNAME BUILD/DELETE SUB
444	(1BC)	ADDRESS	4	MDSVLBLD	VOLUME BUILD/SCAN/DELETE SUB
448	(1C0)	ADDRESS	4	MDJSTRD	JST READ SUBROUTINE
452	(1C4)	ADDRESS	4	MDJSTWRT	JST WRITE SUBROUTINE
456	(1C8)	ADDRESS	4	MDJSTREL	JST RELEASE SUBROUTINE
460	(1CC)	ADDRESS	4	MDSCNECT	MDS MAIN CONNECT PROCESSING
464	(1D0)	ADDRESS	4	MDJSTGET	JST ENTRY GET SUBROUTINE
468	(1D4)	ADDRESS	4	MDJSTERR	JST ERROR MSG GET SUBROUTINE
472	(1D8)	ADDRESS	4	MDJVTGET	JVT ENTRY GET SUBROUTINE
476	(1DC)	ADDRESS	4	MDMSGBLD	MDS MESSAGE BUILD SUBROUTINE
480	(1E0)	ADDRESS	4	MDMSGRTE	MDS MESSAGE ROUTE SUBROUTINE
484	(1E4)	ADDRESS	4	MDSUPCAT	CATALOG SETUP SUBROUTINE
488	(1E8)	ADDRESS	4	MDSFENCE	DEVICE FENCE SUBROUTINE
492	(1EC)	ADDRESS	4	MDSIOERR	I/O ERROR REC SUBROUTINE
496	(1F0)	ADDRESS	4	MDSALERR	ALLOCATION ERROR PROCESSING
500	(1F4)	ADDRESS	4	MDSRSCAL	MDS RESOURCE ALLOCATION
504	(1F8)	ADDRESS	4	MDSDYNDR	DYN. DEV RECONFIG SUBROUTINE
508	(1FC)	ADDRESS	4	MDSDYCHN	CHAIN DYNALOC SIOT/JFCB/CBX
512	(200)	ADDRESS	4	MDYFNDSA	GET SA AND MPC OF DYNALOC RQ
516	(204)	ADDRESS	4	MDYDEQRQ	DQ DYNALOC RQ & SEND SA RESP
520	(208)	ADDRESS	4	MDFAILSF	FAILSOFT RECOVERY SUBROUTINE
524	(20C)	ADDRESS	4	MDSTRACE	MDS TRACE SUBROUTINE
528	(210)	ADDRESS	4	MDSCOUNT	SEE IF ONE JOB ACCOUNTS FOR ALL USES OF A DATASET
532	(214)	ADDRESS	4	MDSJUN	JOB TERM UNALLOC OF DJSTS
536	(218)	ADDRESS	4	MDUX71CL	UX71 INTERFACE ROUTINE
540	(21C)	ADDRESS	4	MDSERROR	GET QUEUE FOR JOB IN ERROR
544	(220)	ADDRESS	4	MDUAFDYN	UNAL FAILED DYNAMIC ALLOC
548	(224)	ADDRESS	4	MDFAILDS	GENERAL ROUTINE TO SET UP JESTAE, ISSUE FAILDSP FOR SPECIFIED DMCODE, AND RETURN TO CALLER
552	(228)	ADDRESS	4	MDSUBRSV (5)	Reserved for entry points
572	(23C)	SIGNED	4	MDSUBEND (0)	END OF SUB ENTRY POINTS
				Comment	
				MODULE ENTRY POINT ADDRESSES	
				End of Comment	
572	(23C)	ADDRESS	4	MDOPMSEP	IATMDOP ENTRY POINT
576	(240)	ADDRESS	4	MDFTCHEP	MDSFETCH E.P.
580	(244)	ADDRESS	4	MDMNLMEP	IATMDML ENTRY POINT
584	(248)	ADDRESS	4	MDSELEP	MDSELECT E.P.
588	(24C)	ADDRESS	4	MDALLOEP	MDSALLOC E.P.
592	(250)	ADDRESS	4	MDARLEP	IATMDAR ENTRY POINT
596	(254)	ADDRESS	4	MDVFYEP	MDSVERFY E.P.
600	(258)	ADDRESS	4	MDBRKDEP	MDSBRKDN E.P.
604	(25C)	ADDRESS	4	MDWLMEEP	IATMDWLE entry point
608	(260)	SIGNED	4	MDEPEND (0)	End of entry points
608	(260)	SIGNED	4	MDSRSVD3 (6)	Reserved for development 6
				Comment	
				Save Areas.	
				End of Comment	
632	(278)	SIGNED	4	MDSREGSV (2)	Register save area

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
632	(278)	X'278'	0	MDSFESV1	"MDSREGSV,4" MDFE REGISTER SAVE AREA1
632	(278)	X'27C'	0	MDSFESV2	"MDSREGSV+4,4" MDFE REGISTER SAVE AREA2
640	(280)	SIGNED	4	MDSRSVD6 (5)	Reserved for development
660	(294)	SIGNED	4	MDMSVRSV (14)	Reserved for service
716	(2CC)	SIGNED	4	MDSRSVDU (20)	RESERVED FOR USER
				Comment	
				MDS CONTROL BLOCK ACCESS FIELDS	
				End of Comment	
796	(31C)	SIGNED	4	MDSSYSAD	FIRST SYSUNITS - L'SYSSIZE
800	(320)	SIGNED	4	MDSRSVD2	Reserved for development
804	(324)	SIGNED	4	MDSSYSSZ	SIZE OF A SYSUNITS ENTRY
804	(324)	X'326'	0	MDSSYSIZ	"MDSSYSSZ+2,2" HALF WORD SYSUNITS SIZE
808	(328)	SIGNED	4	MDSSETSZ	SIZE OF A SETUNIT ENTRY
808	(328)	X'32A'	0	MDHSETSZ	"MDSSETSZ+2,2" HALF WORD SETUNIT SIZE
812	(32C)	SIGNED	4	MDSSTNSZ	SIZE OF A SETNAME ENTRY
812	(32C)	X'32E'	0	MDHSTNSZ	"MDSSTNSZ+2,2" HALF WORD SETNAME SIZE
816	(330)	SIGNED	4	MDSMSUSZ	SIZE OF AN MSU ENTRY
816	(330)	X'332'	0	MDHMSUSZ	"MDSMSUSZ+2,2" HALF WORD MSU SIZE
820	(334)	SIGNED	4	MDSSDGSZ	SIZE OF AN SDG ENTRY
820	(334)	X'336'	0	MDHSDGSZ	"MDSSDGSZ+2,2" HALF WORD SDG SIZE
824	(338)	SIGNED	4	MDSVUASZ	SIZE OF A VUA ENTRY
824	(338)	X'33A'	0	MDHVUASZ	"MDSVUASZ+2,2" HALF WORD VUA SIZE
				Comment	
				FDB AREA	
				End of Comment	
828	(33C)	SIGNED	4	(0)	
828	(33C)	BITSTRING	12	MDVUTFDB	FDB OF VOL UNAVAILABLE TABLE 1
840	(348)	BITSTRING	12	MDRESVOL	FDB OF RESVOL BUFFER(S) 1
852	(354)	BITSTRING	1	MDDFDB	FDB OF DEVPOOL WORK AREA
				Comment	
				VLM / DSN ENTRY CONTROL AREA	
				End of Comment	
864	(360)	SIGNED	4	MDSDSBUF	DSNAME BUFFER CHAIN
868	(364)	SIGNED	4	MDSVLBUF	VOLUME ENTRY BUFFER CHAIN
872	(368)	ADDRESS	4	MDSVLCHN (20)	VOLUME ENTRY QUEUE POINTERS
				Comment	
				RESIDENT VOLUME ALLOCATION TABLE 01 Change Activity: $SD=JBGT64K HJS7705 000413 PD0RF: z 1.2.0	
				End of Comment	
952	(3B8)	SIGNED	4	MDSENDVL	POINTER TO NEXT VOLUME ENTRY
956	(3BC)	BITSTRING	6		VOLUME SERIAL NUMBER
964	(3C4)	SIGNED	4		Volume use count
968	(3C8)	SIGNED	4	MDSAMSGQ	ASYNCHRONOUS MESSAGE QUEUE
972	(3CC)	SIGNED	4	(10)	RESERVED FOR DEVELOPMENT
1012	(3F4)	SIGNED	4		- RESERVED FOR SERVICE
1016	(3F8)	SIGNED	4		- RESERVED FOR DEVELOPMENT
1020	(3FC)	BITSTRING	1		VLMFL1 FLAG BYTE 1
1021	(3FD)	BITSTRING	1		VLMFL2 FLAG BYTE 2
1022	(3FE)	BITSTRING	1		PRTY OF JOB RESERVING VOLUME
1023	(3FF)	BITSTRING	1		VLMFL3 FLAG BYTE 3
1024	(400)	BITSTRING	1		VLMFL4 FLAG BYTE 4 FOR DEVELOPMENT
1028	(404)	SIGNED	4	MDSDSLCK	DSNAME BUILD INTERLOCK WORD

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1032	(408)	SIGNED	4		Job number of single user
1036	(40C)	SIGNED	4		Number of allocated users
1040	(410)	SIGNED	4		MSV SETVOL EXTENSION ADDR
1044	(414)	SIGNED	4		RESERVED FOR IBM
1048	(418)	SIGNED	4	(0)	END OF VOLUME ENTRY

Comment

RESIDENT VOLUME ALLOCATION TABLE
01 Change Activity:
$SD=JBGT64K HJS7705 000413 PD0RF: z 1.2.0

End of Comment

1048	(418)	SIGNED	4	MDSCRVLM	POINTER TO NEXT VOLUME ENTRY
1052	(41C)	CHARACTER	6	SCRTCH	VOLUME SERIAL NUMBER
1060	(424)	SIGNED	4		Volume use count
1064	(428)	SIGNED	4	(11)	SETDSN HASH TABLE
1108	(454)	SIGNED	4		- RESERVED FOR SERVICE
1112	(458)	SIGNED	4		- RESERVED FOR DEVELOPMENT
1116	(45C)	BITSTRING	1		VLMFL1 FLAG BYTE 1
1117	(45D)	BITSTRING	1		VLMFL2 FLAG BYTE 2
1118	(45E)	BITSTRING	1		PRTY OF JOB RESERVING VOLUME
1119	(45F)	BITSTRING	1		VLMFL3 FLAG BYTE 3
1120	(460)	BITSTRING	1		VLMFL4 FLAG BYTE 4 FOR DEVELOPMENT
1122	(462)	SIGNED	2		SYSUNIT WHERE VOLUME ALLOC'D
1124	(464)	SIGNED	2		SYSUNIT WHERE VOLUME RESIDES
1128	(468)	SIGNED	4		Job number of single user
1132	(46C)	SIGNED	4		Number of allocated users
1136	(470)	SIGNED	4		MSV SETVOL EXTENSION ADDR
1140	(474)	SIGNED	4		RESERVED FOR IBM
1144	(478)	SIGNED	4	(0)	END OF VOLUME ENTRY
1144	(478)	SIGNED	2	MDSVLSUM (20)	SUMS OF ENTRIES IN THE QUEUES
1184	(4A0)	SIGNED	2	MDSVLTOT	TOTAL NO. OF VOLUME ENTRIES

Comment

INPUT MESSAGE CONTROL AREA

End of Comment

1188	(4A4)	SIGNED	4	(0)	
1188	(4A4)	CHARACTER	8	MDREQST1	INQ/MOD REQUEST FIELD 1
1196	(4AC)	CHARACTER	8	MDREQST2	INQ/MOD REQUEST FIELD 2
1204	(4B4)	CHARACTER	8	MDREQST3	INQ/MOD REQUEST FIELD 3
1212	(4BC)	CHARACTER	8	MDREQST4	INQ/MOD REQUEST FIELD 4
1220	(4C4)	CHARACTER	8	MDREQST5	INQ/MOD REQUEST FIELD 5
1228	(4CC)	CHARACTER	8	MDREQST6	INQ/MOD REQUEST FIELD 6
1236	(4D4)	CHARACTER	8	MDREQST7	INQ/MOD REQUEST FIELD 7
1244	(4DC)	CHARACTER	8	MDREQST8	INQ/MOD REQUEST FIELD 8
1252	(4E4)	CHARACTER	8	MDREQST9	INQ/MOD REQUEST FIELD 9
1252	(4E4)	X'4EC'	0	MDREQSTX	"*" END OF REQUEST FIELDS

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

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)
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
1260	(4EC)	SIGNED	4	MDSCNDB (0)	IATYCNDB.27: based variable for storage mapping
1260	(4EC)	SIGNED	4		Four byte console id 0176
1264	(4F0)	CHARACTER	4		IATYCNDB eyecatcher
1268	(4F4)	ADDRESS	4		IATYCNDB version
1272	(4F8)	BITSTRING	8		Reserved for development
1280	(500)	BITSTRING	8		Console Name 0176
1288	(508)	BITSTRING	24		Reserved for development
1312	(520)	SIGNED	2		Reserved for development
1314	(522)	BITSTRING	40		Reserved for development
1354	(54A)	BITSTRING	1	MDMRQNDX	RQNDX OF JOB IN MSG RQST
1355	(54B)	BITSTRING	1	MDMSGRSV	RESERVED FOR DEVELOPMENT
				Comment	
				FAILSOFT/ERROR RECOVERY WORK AREA	
				End of Comment	
1356	(54C)	SIGNED	4	MDSER10	REGISTER 10 SAVE AREA
1360	(550)	SIGNED	4	MDSER14	REGISTER 14 SAVE AREA
1364	(554)	SIGNED	4	MDSER15	REGISTER 15 SAVE AREA
1368	(558)	SIGNED	4	MDSER0	REGISTER 0 SAVE AREA
1372	(55C)	SIGNED	4	MDSER1	REGISTER 1 SAVE AREA
1376	(560)	SIGNED	4	MDSER2	REGISTER 2 SAVE AREA
1376	(560)	X'54C'	0	MDSEREGS	"MDSER10" 6 WORD REGISTER SAVE AREA
1380	(564)	SIGNED	4	MDCURRSQ	ADDR OF CURR RQ ENTRY
1380	(564)	X'564'	0	MDCURRMS	"MDCURRSQ,4" ADDR OF CURR MSG BUFFER
1380	(564)	X'564'	0	MDCURRSA	"MDCURRSQ,4" ADDR OF CURR STAGING AREA
1380	(564)	X'564'	0	MDCURRTE	"MDCURRSQ,4" ADDR OF CURR VFY ROUTE MSG
1384	(568)	CHARACTER	1	MDSCUTYP	MDSCUTYP CURRENT ENTRY TYPE
1384	(568)	X'D9'	0	MDSCURRQ	"C'R'" CURRENT ENTRY IS RQ ENTRY
1384	(568)	X'D4'	0	MDSCURRM	"C'M'" CURRENT ENTRY IS MSG BUFF
1384	(568)	X'E2'	0	MDSCURRS	"C'S'" CURRENT ENTRY IS STG AREA
1384	(568)	X'E5'	0	MDSCURRV	"C'V'" CURRENT ENTRY IS VFY ROUTE
1385	(569)	CHARACTER	1	MDSIOTYP	MDSIOTYP JSAM I/O TYPE
1385	(569)	X'D9'	0	MDSIORD	"C'R'" JESREAD
1385	(569)	X'E6'	0	MDSIOWR	"C'W'" AWRITE
1385	(569)	X'D3'	0	MDSIORL	"C'L' ARELEASE "
1386	(56A)	CHARACTER	3	MDSRECID	JES3 BUFFER ID
1389	(56D)	BITSTRING	3	MDSIORSV	RESERVED FOR DEVELOPMENT
				Comment	
				EARLY VOLUME RELEASE WORK AREA	
				End of Comment	
1392	(570)	BITSTRING	1	MDSEVRNG	EVR ERROR TYPE
1392	(570)	X'0'	0	MDSEVRNE	"0" NO ERROR 1
1392	(570)	X'B'	0	MDSEVRFT	"11" NEGATIVE FETCH COUNT
1392	(570)	X'C'	0	MDSEVRRT	"12" EVR CONTROL BLOCK ERROR. 2
				Comment	
				DYNAMIC DEVICE RECONFIGURATION WORK AREA	
				End of Comment	
1393	(571)	BITSTRING	1	MDSDDREC	DDR ECF
		1...		MDSDDRRS	"X'80'" RESTART SETUP COMPLETE
		.1..		MDSDDRSI	"X'40'" SETUP SCAN INTERRUPTED POST
				Comment	
				MISCELLANEOUS CONSTANTS	
				End of Comment	
		 1111		F	"X'0F'" MASK OF 1111 FOR USE IN ICM

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

				NOTE: CHANGING ANY FIELDS FROM MDSJVFY TO MDVAEND WILL REQUIRE CHANGES TO IATLVVR TO MAP THE FIELDS IN DSECT VERINPUT.	

				End of Comment	
1394	(572)	ADDRESS	2	MDSJVFY	JES VERIFY CMD
1400	(578)	CHARACTER	4	MDVAUNIT	DEVICE NUMBER IN EBCDIC
1404	(57C)	BITSTRING	6	MDVATYPE	
1410	(582)	CHARACTER	1	MDVALABL	LABEL TYPE
1411	(583)	CHARACTER	1	MDVARING	RING / NORING INDICATOR
1412	(584)	CHARACTER	1	MDVAEXPD	
1413	(585)	CHARACTER	6	MDVAVOL	VOLUME SERIAL
1413	(585)	X'585'	0	MDVADFR	"MDVAVOL,3"
1413	(585)	X'585'	0	MDVASCR	"MDVAVOL,2"
1413	(585)	X'587'	0	MDVAUADR	"MDVAVOL+2,4" DEVICE NUMBER
1421	(58D)	CHARACTER	6	MDVAUXMD	
1427	(593)	CHARACTER	4		
1427	(593)	X'596'	0	MDVAEND	"*"
				Comment	

				FORMAT OF VARY OFF COMMAND	

				End of Comment	
1430	(596)	ADDRESS	1	MDVOCMD	
1431	(597)	CHARACTER	3	MDVOST	
1434	(59A)	CHARACTER	4	MDVODEV	DEVICE NUMBER IN EBCDIC
1443	(5A3)	CHARACTER	8	MDVOPROC	
1443	(5A3)	X'5AB'	0	MDVOEND	"*"
1451	(5AB)	CHARACTER	14		
1451	(5AB)	X'5B2'	0	MDVOEND2	"*"
1458	(5B2)	BITSTRING	0	MDVOLEN1 (0)	LENGTH OF NON-LIBRARY FORM
1458	(5B2)	BITSTRING	1	MDVOLEN2 (0)	LENGTH OF LIBRARY FORM
				Comment	
				MDS Trace Format.	
				End of Comment	
1460	(5B4)	SIGNED	4	(0)	
1460	(5B4)	CHARACTER	5	MDTRCSTR	MDS MODULE PREFIX
1465	(5B9)	CHARACTER	2	MDTRCMOD	LAST 2 CHAR OF MODULE
1468	(5BC)	CHARACTER	3	MDTRCTYP	JOB/DYA/BYP
1472	(5C0)	CHARACTER	8	MDTRCNAM	RQJOBNAM
1482	(5CA)	CHARACTER	8	MDTRCNUM	RQJOBID
1492	(5D4)	CHARACTER	4	MDTRCVRB	FROM/RC=
1492	(5D4)	X'5D8'	0	MDTRCRC	"MDTRCVRB+4,2" SSOB return code for DYNALLOC
1498	(5DA)	CHARACTER	7	MDTRCFMX	RQINDEX/RQDYINDX
1505	(5E1)	CHARACTER	4	MDTRCTO	
1509	(5E5)	CHARACTER	7	MDTRCTOX	RQINDEX/RQDYINDX
1516	(5EC)	BITSTRING	1	MDTRCEND (0)	End of RQINDEX trace

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

				MDS Bypass (RQJSTAT) Specific Information.	

				End of Comment	
1498	(5DA)	CHARACTER	16	MDTRRQJS	RQJSTAT description
1514	(5EA)	CHARACTER	1	MDTRRQSP	Blank delimiter
1515	(5EB)	CHARACTER	8	MDTRMAIN	Main processor name
1523	(5F3)	BITSTRING	1	MDTRJSEN (0)	End of RQJSTAT trace
				Comment	

				Trace sizes.	

				End of Comment	
1523	(5F3)	X'3F'	0	MDTRMXSZ	"*-MDTRCSTR" Maximum trace size
1523	(5F3)	X'E'	0	MDTRCSIZ	"((MDTRCEND-MDTRCSTR)/4)" Size of RQINDEX trace
1523	(5F3)	X'9'	0	MDTRCSZ2	"((MDTRCFMX-MDTRCSTR)/4)" Size of DYNALLOC SSI trace
1523	(5F3)	X'F'	0	MDTRCSZJ	"((MDTRJSEN-MDTRCSTR)/4)" Size of RQJSTAT trace
				Comment	
				Verify Response Translate Table.	
				End of Comment	
1523	(5F3)	BITSTRING	1	MDVTRTAB (0)	TRANSLATE TABLE
1716	(6B4)	ADDRESS	1		A VOL ON OFFLINE DEVICE
1717	(6B5)	ADDRESS	1		B END OF INIT VER
1718	(6B6)	ADDRESS	1		C SMS MANAGED VOLUME
1719	(6B7)	ADDRESS	1		D NOT OPERATIONAL
1720	(6B8)	ADDRESS	1		E EXPDT NOT PAST
1721	(6B9)	ADDRESS	1		F TAPE LOAD CHECK
1763	(6E3)	ADDRESS	1		0 VERIFIED
1764	(6E4)	ADDRESS	1		1 MOUNTED
1765	(6E5)	ADDRESS	1		2 NOT READY
1766	(6E6)	ADDRESS	1		3 NO RESPONSE
1767	(6E7)	ADDRESS	1		4 VERIFY TIMEOUT
1768	(6E8)	ADDRESS	1		5 NO UCB
1769	(6E9)	ADDRESS	1		6 PERM I/O ERROR
1770	(6EA)	ADDRESS	1		7 VOLID READ ERROR
1771	(6EB)	ADDRESS	1		8 UCB ALLOCATED
1772	(6EC)	ADDRESS	1		9 DUPLICATE VOLID
1780	(6F4)	SIGNED	4	MDBKAWA	AWA FOR STEP/DD BRKDOWN
1784	(6F8)	SIGNED	4	MDSMSGSV (2)	SAVE AREA FOR MDSMSG SUBRTN
1792	(700)	ADDRESS	4	MDDSNRCH	ADDRESS OF DATA SET RESERVE CHAIN - EACH SETDSN ON THIS CHAIN REPRESENTS A RESERVED DATA SET
1796	(704)	ADDRESS	4	MDSYSACH	ADDRESS OF SYSUNITS SOFT ALLOCATION CHAIN - EACH SYSUNITS ON THIS CHAIN REPRESENTS A DEVICE THAT HAS BEEN SOFT ALLOCATED BY IATMDAL FOR THIS JOB
1800	(708)	SIGNED	4	MDBKSAV	IATMDBK TEMP SAVE AREA

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

				MDMSSAL1 SDG ASSIGNMENT WORK AREAS	

				End of Comment	
1804	(70C)	ADDRESS	4	MDMCRJST	FIRST JST IN HWS CHAIN
1808	(710)	ADDRESS	4	MDMCRVLM	FIRST SETVOL FOR JST ENTRY
1812	(714)	BITSTRING	1	MDMCRSDG	SDG INDEX TO BE ASSIGNED
1813	(715)	BITSTRING	2	MDMRSVD	RESERVED FOR DEVELOPMENT
				Comment	

				IATMDBK MSS SCRATCH VOLUME DEALLOCATE ERROR INFORMATION FIELDS	

				End of Comment	
1815	(717)	BITSTRING	1	MDBKERR	MDBK MSS SCRATCH DEALLOC ERROR INDICATOR
		.... .1..		MDBKVLER	"X'04'" VLMALCNT NEGATIVE
1816	(718)	SIGNED	4	MDBKVLM	SETVOL ADDR FOR SCRATCH DEALLOC ERROR
1820	(71C)	SIGNED	4	MDBKDSN	SETDSN ADDR FOR SCRATCH DEALLOC ERROR
1820	(71C)	X'9'	0	MDBKERLN	"*-MDBKERR" LENGTH OF ERROR INFO
				Comment	

				EQUATES FOR MDSERRQ ERROR REASONS	

				End of Comment	
1820	(71C)	X'0'	0	RSNFETCH	"0" ERROR DURING FETCH
1820	(71C)	X'4'	0	RSNALOCQ	"4" ERROR DURING ALLOCATE
1820	(71C)	X'8'	0	RSNVERF	"8" ERROR DURING VERIFY
1820	(71C)	X'C'	0	RSNREST	"12" ERROR DURING RESTART
1820	(71C)	X'10'	0	RSNFAILS	"16" ERROR DUE TO MDS FAILSOFT
1820	(71C)	X'14'	0	RSNPRMIO	"20" JOB HAD PERMANENT I/O ERROR
1820	(71C)	X'18'	0	RSNNOBUF	"24" NO JSAM BUFFERS FOR READ
1820	(71C)	X'1C'	0	RSNNOJST	"28" JOB HAD NO JST FDB
1820	(71C)	X'20'	0	RSNSYSSL	"32" ERROR IN SYSTEM SELECT
1820	(71C)	X'24'	0	RSNSYVER	"36" ERROR IN SYSTEM VERIFY
1820	(71C)	X'28'	0	RSNSRSFL	"40" ERROR DUE TO SRS FAILSOFT
				Comment	

				PARAMETER LIST FOR USER EXIT 62	

				End of Comment	
1824	(720)	SIGNED	4	UX62LIST (0)	
1824	(720)	SIGNED	4	UX62RSQ	POINTER TO JOB'S RESQUEUE
1828	(724)	CHARACTER	6	UX62VOLR	REQUESTED VOL SER
1834	(72A)	CHARACTER	1	UX62LABR	REQUESTED LABEL TYPE: A=AL B=BLP N=NL S=SL X=NSL
1835	(72B)	CHARACTER	1	UX62RNGR	REQUESTED RING STATUS R=RING N=NO RING
1836	(72C)	CHARACTER	6	UX62MVOL	MOUNTED VOL SER
1842	(732)	CHARACTER	1	UX62MLAB	MOUNTED LABEL TYPE
1843	(733)	CHARACTER	1	UX62MRNG	ACTUAL RING STATUS
1844	(734)	CHARACTER	16	UX62TEXT	ERROR TEXT TO BE MOVED TO MESSAGE IAT5310
1844	(734)	X'744'	0	UX62LEND	"*" END OF PARM LIST
1860	(744)	BITSTRING	1	MDSCSS	CSS PASSED TO IATDMCS

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

				FIELDS USED BY IATMDRS	

				End of Comment	
1964	(7AC)	SIGNED	4	MPCSAV	SAVE AREA FOR MPC ADDR
1968	(7B0)	SIGNED	4	REG2SAV	SAVE AREA FOR R2
1972	(7B4)	BITSTRING	12	RSCURFDB	CURRENT FDB FOR RESTART
1984	(7C0)	BITSTRING	12	RSNXTFDB	CHAIN FDB FOR RESTART
1996	(7CC)	SIGNED	4	MDSRQSAV	SAVE AREA FOR FAILING RQ
2000	(7D0)	SIGNED	2	SAVEDJST	SAVE AREA FOR DJST INDEX
				Comment	
				LOCK USED BY IATMDSB TO LOCK THE SETVOL TABLE IT IS ALSO USED BY THE GDGBASE MACRO (IN IATYDSN)	
				End of Comment	
2002	(7D2)	BITSTRING	1	MDSVLLCK	SETVOL BUILD INTERLOCK BYTE
		1...		VOLLOCKD	"X'80'" SETVOL TABLE LOCKED
		.1..		GDGBVLCK	"X'40'" GDG BASE SETVOL LOCKED
2003	(7D3)	BITSTRING	1	MDSRESVD	RESERVED FOR DEVELOPMENT
				Comment	

				PARAMETER LIST FOR USER EXIT 71	

				INPUT PARAMETERS	
				End of Comment	
2004	(7D4)	SIGNED	4	UX71LIST (0)	
2004	(7D4)	SIGNED	4	UX71MESG	POINTER TO MESSAGE AREA (FIRST BYTE OF AREA IS THE MESSAGE LENGTH. TEXT IS IN BYTES 2-120)
2008	(7D8)	SIGNED	4	UX71JNAM	POINTER TO JOB NAME
2012	(7DC)	SIGNED	4	UX71VOL	POINTER TO VOLSER IN MESSAGE AREA
2016	(7E0)	SIGNED	4	UX71DSN	POINTER TO DSN LENGTH FOLLOWED BY DSN, OR ZERO
2020	(7E4)	SIGNED	4	UX71DEV	POINTER TO 4 DIGIT DEVICE NUMBER, OR ZERO IF NONE
				Comment	
				OUTPUT AREA	
				End of Comment	
2024	(7E8)	CHARACTER	6	UX71MDSP	MSGDISP INSERTION TEXT
2030	(7EE)	CHARACTER	6	UX71INST	MESSAGE INSERTION TEXT
2030	(7EE)	CHARACTER	13	UX71APND	MESSAGE APPENDAGE
2043	(7FB)	BITSTRING	1	UX71RSVD	RESERVED
2043	(7FB)	X'7FC'	0	UX71LEND	"*" END OF PARAMETER LIST
2044	(7FC)	BITSTRING	0	UX71OUTL (0)	LENGTH OF OUTPUT AREA
2044	(7FC)	BITSTRING	1	UX71LNTH (0)	LENGTH OF UX71 PARM LIST

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				Parameter list work area. All of the parameter lists that follow use the same storage. A parameter list may be added to this work area only if the macro which requires the parameter list clears it when the macro is invoked. Otherwise, there could be residual data left over from the last invocation.	
				End of Comment	
2044	(7FC)	SIGNED	4	MDSPMWRK (0)	Parameter list work area
				Comment	
				$TA= z2.1.0 HJS7790 111231 PD0TN: z 2.1.0 16851TAA ,MDSXSCHE IATXSCHE MF=L , IWMSEDES MF=(L,MDSXSCHE) MACDATE -04/02/97-<0>	
				End of Comment	
0	(0)	X'800'	0	M00M0009	"MDSXSCHE" ++ IWMSEDES NAME
2048	(800)	DBL WORD	8	MDSXSCHE (0)	++ IWMSEDES PARM LIST
2048	(800)	BITSTRING	1	MDSXSCHE_XVERSION	++ INPUT XVERSION
2049	(801)	CHARACTER	1	MDSXSCHE_XRSV0001	++ RESERVED XRSV0001
2050	(802)	BITSTRING	2	MDSXSCHE_XPLISTLEN	++ INPUT XPLISTLEN
2052	(804)	CHARACTER	16	MDSXSCHE_XSCHENV	++ XSCHENV
2068	(814)	CHARACTER	8	MDSXSCHE_XSYSTEM_NAME	++ XSYSTEM_NAME
2076	(81C)	CHARACTER	16	MDSXSCHE_XRSV001C	++ RESERVED XRSV001C
2076	(81C)	X'2C'	0	MDSXSCHEL	"*-MDSXSCHE" ++ LENGTH OF PLIST
				Comment	
				IWMSEDES-0	
				End of Comment	
2048	(800)	DBL WORD	8	MDSXDELY (0)	IATXDELY Parameter List
2048	(800)	ADDRESS	4		JQE address
2052	(804)	ADDRESS	4		RQ address
2056	(808)	DBL WORD	8		Time stamp
2064	(810)	ADDRESS	4		JCT address
2068	(814)	SIGNED	4	(2)	Reserved for IBM
				Comment	
				Miscellaneous fields.	
				End of Comment	
2092	(82C)	SIGNED	4	MDSRSVDV (10)	RESERVED FOR DEVELOPMENT
2132	(854)	SIGNED	4	MDS25RST	START TIME FOR SMF 25
2136	(858)	SIGNED	4	MDS25RSD	START DATE FOR SMF 25
2140	(85C)	CHARACTER	8	MDS25UIF	USER IDENT FOR SMF 25
2148	(864)	ADDRESS	4	MDSGDGSV	GDG BASE SETVOL ADDRESS
2152	(868)	BITSTRING	0	MDSWKLEN (0)	LENGTH FOR MVC
2152	(868)	SIGNED	4	MDSWRKAR (9)	MDS WORK AREA
2152	(868)	X'868'	0	MDSWKONE	"MDSWRKAR,4" FIRST 4 BYTES OF WORKAREA
2152	(868)	X'86C'	0	MDSWKTWO	"MDSWRKAR+4,4" SECOND 4 BYTES OF WORKAREA
2152	(868)	X'88C'	0	MDSWKARE	"MDSWRKAR+36" FOR MVC LENGTH
2188	(88C)	SIGNED	4	MDSRSVSV (16)	RESERVED FOR SERVICE

IATYMDS Cross Reference

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
2252	(8CC)	SIGNED	4	MDSUSER (10)	RESERVED FOR USER
2252	(8CC)	X'8F4'	0	MDSEND1	"*" END OF SECTION 1

IATYMDS Cross Reference

Name

F
GDGBVLCK
MDADONLY
MDAFIRST
MDAFLG1
MDAFLG2
MDAGONLY
MDALLOCQ
MDALLOEP
MDALOPTN
MDALOP01
MDALOP02
MDALRESC
MDALSNXT
MDAMULDD
MDAMULST
MDANOACT
MDAOPMNT
MDAPRS
MDARADD
MDARALB
MDARBUSY
MDARDEL
MDARECYC
MDARESRV
MDARLEP
MDARLIST
MDARMUST
MDAROPTN
MDARSCAN
MDARSCFL
MDARSVA
MDARSVAX
MDARSVRQ
MDASAVL1
MDASAVL2
MDASDGXX
MDASPCMN
MDAUNIT
MDBDDBRK
MDBDYJOB
MDBDYNDL
MDBFLG1
MDBFLG2
MDBFLG3
MDBFLWRT
MDBJERRQ
MDBJFTCH
MDBJOBRK
MDBJVLRL

Name

MDBKAWA
MDBKDSN
MDBKERLN
MDBKERR
MDBKSAV

MDBKVLER
MDBKVLM
MDBMSSDL
MDBPJSS
MDBPOS

MDBRKDEP
MDBRKDNQ
MDBSTBRK
MDBSTPFD
MDBSVLRL

MDBTASCR
MDBTPBRK
MDBUFDY
MDBWRTJS
MDCHAINS

MDCRTRY
MDCURRMS
MDCURRSA
MDCURRSQ
MDCURRTE

MDDFAILS
MDDFDB
MDDFLG1
MDDFLG2
MDDFLJST

MDDINQ
MDDMOD
MDDMSSJS
MDDMULT
MDDNODSN

MDDNOMSS
MDDNOTAP
MDDOCKPT
MDDPJSS
MDDSNRCH

MDEEP
MDEPEND
MDERRORQ
MDFAILDS
MDFAILSF

MDFDYSCN
MDFETCHQ
MDFFLG1
MDFFLG2
MDFMSSCN

MDFMSSER
MDFNVLM
MDFOPMSG
MDFSKIP
MDFTCHEP

MDFVLWT
MDFVNMTD
MDGCNTPR
MDGDGBAS
MDGERROR

Name

MDGJSTRD
MDGMSCHK
MDGPRON
MDGPRVOL
MDGRPRTY
MDGSETAC
MDGSETRS
MDHMSUSZ
MDHSDGSZ
MDHSETSZ
MDHSTNSZ
MDHVUASZ
MDJPRTY
MDJSTERR
MDJSTGET
MDJSTRD
MDJSTREL
MDJSTWRT
MDJVTGET
MDMCRJST
MDMCRSDG
MDMCRVLM
MDMNLMEP
MDMRQNDX
MDMRSVD
MDMSGBLD
MDMSGRSV
MDMSGRTE
MDMSVRSV
MDOPMSEP
MDOPRLIM
MDPRTY
MDRADYN
MDRALLOC
MDRDYNAL
MDREQELG
MDREQSTX
MDREQST1
MDREQST2
MDREQST3
MDREQST4
MDREQST5
MDREQST6
MDREQST7
MDREQST8
MDREQST9
MDRESVOL
MDRFIRST
MDRFLG1
MDRFLG2
MDRFSTST
MDRNOCON
MDRNODEV
MDRNOMPC
MDRQPUTD
MDRQSTPN
MDRSCAND
MDRSETVL
MDRSTRTQ
MDRVERFY

Name

MDSAGEON
MDSAL
MDSALC
MDSALECF
MDSALERR
MDSALMNT
MDSALMSK
MDSALPRD
MDSALRQ
MDSAMAR
MDSAMSGQ
MDSARLCP
MDSARLRF
MDSARLSC
MDSASCS
MDSASYNC
MDSATMPT
MDSAUTO
MDSAVHW1
MDSAVHW2
MDSBAR
MDSBARC
MDSBFLG1
MDSBF101
MDSBF102
MDSBF104
MDSBF108
MDSBF110
MDSBK
MDSBKMNT
MDSBSAVE
MDSBSTPE
MDSBTYPE
MDSCDD
MDSCDPTH
MDSCKWT
MDSCLSPT
MDSCNAME
MDSCNDB
MDSCNECT
MDSCNMSK
MDSCNQ
MDSCNSMS
MDSCOMFN
MDSCOUNT
MDSCRDBL
MDSCREND
MDSCRJID
MDSCRST
MDSCRSTE
MDSCRSTN
MDSCRSTP
MDSCRTCH
MDSCRVLM
MDSCSS
MDSCUFCT
MDSCURRM
MDSCURRQ
MDSCURRS
MDSCURRV

Name

MDSCUTYP
MDSDAL
MDSDARET
MDSDASUB
MDSDDRDC
MDSDDREC
MDSDDRFG
MDSDDRIP
MDSDDRNP
MDSDDRRS
MDSDDRSI
MDSDDRTC
MDSDDRWT
MDSDEFER
MDSDEVAV
MDSDEVFL
MDSDEVRQ
MDSDFRCT
MDSDSBLD
MDSDSBUF
MDSDSCAN
MDSDSCNA
MDSDSLCK
MDSDSNSZ
MDSDSRSV
MDSDSSCN
MDSDTSAV
MDSDTSRQ
MDSDUL
MDSDVDES
MDSDVRDA
MDSDVRGR
MDSDVRSV
MDSDVRTA
MDSDVRUR
MDSDYCHN
MDSDYHDR
MDSDYNAL
MDSDYNDR
MDSECF
MDSECFAD
MDSECFAR
MDSELEP
MDSENDVL
MDSEND1
MDSEREGS
MDSERROR
MDSER0
MDSER1
MDSER10
MDSER14
MDSER15
MDSER2
MDSEVRFT
MDSEVRNE
MDSEVRNG
MDSEVRRT
MDSFCT
MDSFE
MDSFEMNT

Name

MDSFENCE
MDSFEPRD
MDSFESV1
MDSFESV2
MDSFETCH

MDSFLEND
MDSFLG1
MDSFLG2
MDSFLG3
MDSFLG4

MDSFNCDN
MDSFNCPD
MDSGBATC
MDSGCDYN
MDSGCSBT

MDSGDGSV
MDSGDJST
MDSGEDYN
MDSGEJOB
MDSGESTP

MDSGFLG1
MDSGFLG2
MDSGFLG3
MDSGFLG4
MDSGIODR

MDSGIOIQ
MDSGIOMO
MDSGJCAT
MDSGJCHK
MDSGJEOD

MDSGJMDS
MDSGJREL
MDSGJSIN
MDSGJSTP
MDSGMODO

MDSGRERR
MDSGRPPT
MDSIDYAL
MDSIDYFE
MDSIDYNQ

MDSIDYVE
MDSIECF
MDSIOERR
MDSIORD
MDSIORL

MDSIORSV
MDSIOTYP
MDSIOWR
MDSIPOST
MDSITIME

MDSIVERL
MDSJSAVE
MDSJSSEQ
MDSJSTBF
MDSJSTEP

MDSJSTHD
MDSJSTIN
MDSJSTPC
MDSJSTRQ
MDSJSTSV

Name

MDSJUN
MDSJVFY
MDSMDPTH
MDSMNMSK
MDSMSG
MDSMSGSV
MDSMSUSZ
MDSMSVAR
MDSMSVCR
MDSMSVCT
MDSMSVCV
MDSMTMSG
MDSNAMCT
MDSNCBPT
MDSNONPR
MDSNTYPE
MDSOPTN
MDSOPT2
MDSOTADJ
MDSOTRET
MDSOTSUB
MDSPMWRK
MDSPRESC
MDSRECID
MDSREGSV
MDSRESRV
MDSRESVD
MDSREUSE
MDSRQDA
MDSRQOT
MDSRQSAV
MDSRQTA
MDSRQVU
MDSRSCAL
MDSRSCAN
MDSRSCUP
MDSRST
MDSRSVD
MDSRSVDD
MDSRSVDS
MDSRSVDU
MDSRSVDV
MDSRSVD1
MDSRSVD2
MDSRSVD3
MDSRSVD4
MDSRSVD5
MDSRSVD6
MDSRSVD7
MDSRSVSV
MDSRSVS1
MDSRTERM
MDSR1ECF
MDSR2ECF
MDSSAL
MDSSAVL1
MDSSAVL2
MDSSCAN
MDSSDGSZ
MDSSDZER

Name

MDSSECND
MDSSETSZ
MDSSMSRC
MDSSSALL
MDSSSECF
MDSSTNSZ
MDSSUCCS
MDSSVTYP
MDSSYSAD
MDSSYSIZ
MDSSYSSZ
MDSTAADJ
MDSTARET
MDSTART
MDSTASUB
MDSTRACE
MDSUBEND
MDSUBRSV
MDSUBSRT
MDSUPCAT
MDSUSER
MDSVBSRQ
MDSVER
MDSVERID
MDSVFMSG
MDSVFY
MDSVFYDN
MDSVFYPD
MDSVLBLD
MDSVLBUF
MDSVLCHN
MDSVLLCK
MDSVLRSV
MDSVLSEQ
MDSVLSUM
MDSVLTOT
MDSVOLAV
MDSVRL
MDSVUADJ
MDSVUASZ
MDSVURET
MDSVUSUB
MDSWKARE
MDSWKLEN
MDSWKONE
MDSWKTWO
MDSWLMEV
MDSWORK
MDSWRKAR
MDSXDELY
MDSXSCHE
MDSXSCHE_XPLISTLEN
MDSXSCHE_XRSV0001
MDSXSCHE_XRSV001C
MDSXSCHE_XSCHENV
MDSXSCHE_XSYSTEM_NAME

Name

MDSXSCHE_XVERSION

MDSXSCHEL
MDSYSACH

MDSYSRSV
MDS25NDM
MDS25NMV
MDS25NTM
MDS25RSD

MDS25RST
MDS25UIF
MDS5914
MDTRCEND
MDTRCFMX

MDTRCMOD
MDTRCNAM
MDTRCNUM
MDTRCRC
MDTRCRET

MDTRCSIZ
MDTRCSTR
MDTRCSZJ
MDTRCSZ2
MDTRCTO

MDTRCTOX
MDTRCTYP
MDTRCVRB
MDTRJSEN
MDTRMAIN

MDTRMXSZ
MDTRRQJS
MDTRRQSP
MDTRSAVE
MDUAFDYN

MDUX71CL
MDVADFR
MDVAEND
MDVAEXPD
MDVALABL

MDVARING
MDVASCR
MDVATYPE
MDVAUADR
MDVAUNIT

MDVAUXMD
MDVAVOL
MDVDMNTD
MDVDNACC
MDVERFYQ

MDVFLG1
MDVFLG2
MDVFYEP
MDVJFAIL
MDVJRSTR

MDVMPRED
MDVOCMD
MDVODEV
MDVOEND
MDVOEND2

Name

MDVOLEN1
MDVOLEN2
MDVOLUAQ
MDVOLWTQ
MDVOPROC
MDVOST
MDVREMNT
MDVTRTAB
MDVUTFDB
MDWLMEEP
MDXFLG1
MDXTCTAD
MDYDEQRQ
MDYFNDSA
MDYNALOQ
MPCSAV
M00M0009
REG2SAV
RSCURFDB
RSNALOCQ
RSNFAILS
RSNFETCH
RSNNOBUF
RSNNOJST
RSNPRMIO
RSNREST
RSNSRSFL
RSNSYSSL
RSNSYVER
RSNVERF
RSNXTFDB
SAVEDJST
SCRTCH
UX62LABR
UX62LEND
UX62LIST
UX62MLAB
UX62MRNG
UX62MVOL
UX62RNGR
UX62RSQ
UX62TEXT
UX62VOLR
UX71APND
UX71DEV
UX71DSN
UX71INST
UX71JNAM
UX71LEND
UX71LIST
UX71LNTH
UX71MDSP
UX71MESG
UX71OUTL
UX71RSVD
UX71VOL
VOLLOCKD

IATYMEM Information

IATYMEM Programming Interface information

Programming Interface information

IATYMEM

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

- *0080
- *0080
- *0104
- *0104
- *0104
- *0104
- MEMBACB
- MEMBEJPD
- MEMBEJWT
- MEMDMSAV
- MEMDSB
- MEMJACB
- MEMJMUPD
- MEMJMUWT
- MEMRRDSB
- MEMSACB
- MEMSISAV
- MEMTPB

End of Programming Interface information

IATYMEM Heading Information

Common Name: MEMORY DATA BLOCK
Macro ID: IATYMEM
DSECT Name: MEMDSECT, MEMENTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: MEMH (MEMDSECT), MEME (MEMENTRY)
Offset: 0, 0
Length: 4, 4
Storage Attributes: Main Storage: Subpool 241
Auxiliary Storage: N/A
Key: Key 1 (JESKEY)
Residency: ANY
Size: MEMHSIZE (for MEMDSECT),
MEMESIZE (for MEMENTRY)
Created by: IATINM3, IATSSCM
Pointed to by: MPMEMD IN IATYMPC,
MEMCHAIN in IATYMEM
Serialization: LOCAL and CMS locks must be held when accessing MEM chain or another address space's MEM
LOCAL lock must be held when accessing the current address space's MEM
Function: THIS DATA AREA PROVIDES A SAVE AREA OF STORAGE-RELATED INFORMATION FOR THE LIFE OF EACH ADDRESS SPACE USING JES3 SUBSYSTEM INTERFACE COMMON SERVICES.

IATYMEM Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	MEMDSECT	
0	(0)	CHARACTER	4	MEMHID	- MEMDATA HEADER ID
4	(4)	SIGNED	4	MEMCHAIN	- POINTER TO NEXT MEMDATA
8	(8)	SIGNED	4	MEMRECB	RESPONSE ECB 0183
12	(C)	ADDRESS	4	MEMRBUFF	ADDRESS OF RESPONSE BUFFER 0183
16	(10)	SIGNED	4	MEMWISEQ	Sequence number of WLM managed initiator (for an explanation see SVTWISEQ)
20	(14)	SIGNED	4	MEMSSVT	- JES3 SSVT ADDRESS
24	(18)	SIGNED	4	MEMFSSGT	FSS GROUPTOKEN FROM FSCB
28	(1C)	BITSTRING	8	MEMINIT	Initiator group
36	(24)	SIGNED	2	MEMASID	- ASID OF THIS MEMORY
38	(26)	BITSTRING	1	MEMHFLG1	MEMDATA HEADER FLAG 1

Comment

DEFINITION OF MEMHFLG1

End of Comment

		1...		MEMISTP	"X'80'" STOP THIS INIT NEXT SELECT
		.1..		MEMISTRT	"X'40'" STARTING AN INIT
		..1.		MEMHDSEL	"X'20'" DEMAND SELECT OUTSTANDING
		...1		MEMWLMSL	"X'10'" Select outstanding for a WLM managed initiator
		.... 1...		MEMNOSR	"X'08'" JST MUST RE-READ
		.... .1..		MEMAPPC	"X'04'" APPC INITIATOR MEMDATA
		.... ..1.		MEMWLMIN	"X'02'" WLM managed initiator
		1		MEMAFSET	"X'01'" IATXSIAF SET in progress
39	(27)	BITSTRING	1	MEMHFLG2	MEMDATA HEADER FLAG 2

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		---------- DEFINITION OF MEMHFLG2 ----------			
		End of Comment			
		1...		MEMFSS	"X'80'" ADDRESS SPACE CONTAINS A FSS
		.1..		MEMFSNRT	"X'40'" SPECIAL FSS MESSAGE ROUTING IS NOT REQUIRED
		..1.		MEMCIFST	"X'20'" CIFSS TERMINATING
		...1		MEMFSSTM	"X'10'" FSS TERMINATING
		.... 1...		MEMNOJLG	"X'08'" DON'T LOG WTOS IN THE JOB LOG (JESMSGLG)
		.... .1..		MEMNETSV	"X'04'" Address space is a NETSERV
		.... ..1.		MEMHSYSL	"X'02'" SYSLOG address space
		1		MEMHF201	"X'01'" Reserved for IBM
40	(28)	SIGNED	4	MEMNTRY1	- MEMENTRY 1 ADDRESS
44	(2C)	SIGNED	4	MEMNTRY2	- MEMENTRY 2 ADDRESS
48	(30)	ADDRESS	4	MEMASCB	ADDR OF ASCB FOR THIS MEMORY
52	(34)	SIGNED	4	MEMDMSAV (18)	SAVE AREA FOR DATA MAN USE
124	(7C)	ADDRESS	4	MEMALLOC	FOR ALLOC. SSI'S USE ONLY
128	(80)	SIGNED	4	MEMHUSER (2)	RESERVED FOR USER
136	(88)	BITSTRING	8	MEMHJBID	JOB ID SAVE FOR SIJS
144	(90)	SIGNED	4	MEMEOMCC	EOM condition code (copy of ASCBMCC)
		Comment			

```
EMHCNDB IATYCNDB DSECT=NO CONSOLE INFORMATION FOR
                         MESSAGE ROUTING:
                          - CONTAINS CONSOLE
                            INFORMATION FOR AN FSS
                            ONLY IF MEMFSS=1.
 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
```

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

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

148	(94)	SIGNED	4	MEMHCNDB (0)	IATYCNDB.27: based variable for storage mapping
148	(94)	SIGNED	4		Four byte console id 0176
152	(98)	CHARACTER	4		IATYCNDB eyecatcher
156	(9C)	ADDRESS	4		IATYCNDB version
160	(A0)	BITSTRING	8		Reserved for development
168	(A8)	BITSTRING	8		Console Name 0176
176	(B0)	BITSTRING	24		Reserved for development
200	(C8)	SIGNED	2		Reserved for development
202	(CA)	BITSTRING	40		Reserved for development MESSAGE ROUTING: - CONTAINS CONSOLE INFORMATION FOR AN FSS ONLY IF MEMFSS=1.
242	(F2)	BITSTRING	2	MEMAFDM (0)	Destination and Modifier
242	(F2)	ADDRESS	1	MEMAFFUN	code for IATXSIAF request
243	(F3)	ADDRESS	1	MEMAFMOD	currently in progress
244	(F4)	BITSTRING	1	MEMWTOCH	WTO limit change indicator

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

				THE DEFINITIONS OF THE FSS TYPES ARE IN IATYFSS.	

				End of Comment	
245	(F5)	BITSTRING	1	MEMFSTYP	TYPE OF FUNCTIONAL SUBSYSTEM 0832
246	(F6)	SIGNED	2	MEMRSVS1	Reserved for Service
248	(F8)	ADDRESS	4	MEMHSDVT	SDVT level 1 address 15606T6C
252	(FC)	SIGNED	4	MEMWTOCT	WTO count for the address space
256	(100)	DBL WORD	8	MEMIVSTR	WTO period begin in STCK format
256	(100)	X'100'	0	MEMIVSTW	"MEMIVSTR,4" First word of MEMIVSTR
264	(108)	SIGNED	4	MEMWTOCL	Number of consecutive times the WTO limit was exceeded
268	(10C)	SIGNED	4	MEMRSVS2	Reserved for Service
272	(110)	CHARACTER	8	MEMHSRVC	Service class name
280	(118)	SIGNED	4	MEMWLMCT	WLM classification token
284	(11C)	BITSTRING	4	MEMSRMTK	WLM SRM token
288	(120)	BITSTRING	8	MEMATOKN	Address space token
296	(128)	BITSTRING	16	MEMTTOKN	Task token
312	(138)	SIGNED	4	MEMRSVS3	Reserved for IBM
				Comment	

				Counters to keep track of concurrent SSI requests.	
				The fields must be updated using IATXSIAF service.	

				End of Comment	
316	(13C)	SIGNED	4	MEMACTST (0)	Activity area start
316	(13C)	SIGNED	4	MEMSIOPA	PSO
320	(140)	SIGNED	4	MEMSICNA	CANCEL
324	(144)	SIGNED	4	MEMSISTA	STATUS (classic)
328	(148)	SIGNED	4	MEMSIJBS	Job select
332	(14C)	SIGNED	4	MEMSIJBT	Job termination
336	(150)	SIGNED	4	MEMSIJBR	Job re-enqueue
340	(154)	SIGNED	4	MEMSIANU	Notify user
344	(158)	SIGNED	4	MEMSIASP	SAPI
348	(15C)	SIGNED	4	MEMSIAES	Extended status
352	(160)	SIGNED	4	MEMSIJPC	JES Properties class
356	(164)	SIGNED	4	MEMSIJPN	JES Properties nodes
360	(168)	SIGNED	4	MEMSIJPS	JES Properties spool
364	(16C)	SIGNED	4	MEMSIJPI	JES Properties inits
368	(170)	SIGNED	4	MEMSIJPX	JES Properties JESPLEX
372	(174)	SIGNED	4	MEMSIAWO	WTO
376	(178)	SIGNED	4	MEMSIJEN	ENDREQ
380	(17C)	SIGNED	4	MEMSIAJD	JDS access
384	(180)	SIGNED	4	MEMSISET	SETUP request
388	(184)	SIGNED	4	MEMSIDYA	Dynamic allocation
392	(188)	SIGNED	4	MEMSITCP	TCP/IP NJE global request
396	(18C)	SIGNED	4	MEMCMFCC	Comm. from WTR FSS
400	(190)	SIGNED	4	MEMCIDRC	FSS CI driver
404	(194)	SIGNED	4	MEMVALDS	Validate destination
408	(198)	SIGNED	4	MEMSJSRV	SJF services
412	(19C)	SIGNED	4	MEMSI83	JES Device Information
416	(1A0)	SIGNED	4	MEMDYDDN	Change DD name via dynamic allocation
420	(1A4)	SIGNED	4	MEMACTCD	Allocation via SSOBDYCD
424	(1A8)	SIGNED	4	MEMACTNQ	Change ENQ use attribute
428	(1AC)	SIGNED	4	MEMACTDD	Change DD name
432	(1B0)	SIGNED	4	MEMSPWT	Waiting for spool space 18119TAC
436	(1B4)	SIGNED	4	MEMR2ANM	Reserved for IBM - no mod
440	(1B8)	SIGNED	4	MEMR3ANM	Reserved for IBM - no mod

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
444	(1BC)	SIGNED	4	MEMR1AMD	Reserved for IBM - mod
448	(1C0)	SIGNED	4	MEMR2AMD	Reserved for IBM - mod
452	(1C4)	SIGNED	4	MEMACTEN (0)	Activity area end
452	(1C4)	X'88'	0	MEMACTSZ	"MEMACTEN-MEMACTST" Activity area size
452	(1C4)	SIGNED	4	MEMHEND (0)	- END OF MEMDATA HEADER
452	(1C4)	BITSTRING	1	MEMHSIZE (0)	- MEMDATA HEADER SIZE = L'MEMHSIZE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	MEMENTRY	
0	(0)	CHARACTER	4	MEMEID	- MEMDATA ENTRY ID
4	(4)	SIGNED	4	MEMHEAD	- ADDRESS OF MEMDATA HEADER
8	(8)	BITSTRING	1	MEMFLG1	- FLAG1

Comment

DEFINITION OF MEMFLG1

End of Comment

		1...		MEMDJOB	"X'80'" - THIS IS A DEMAND SELECT ENTRY
		.1..		MEMABNRL	"X'40'" - TASK HAS ABNORMALLY TERMINATED
		..1.		MEMRJPJB	"X'20'" - JOB IS FROM RJP
		...1		MEMITERM	"X'10'" P INIT REC'D FOR THIS INIT
		.... 1...		MEMNACTV	"X'08'" THIS MEME NOT ACTIVE
		.... .1..		MEMTSOJB	"X'04'" JOB IS TSO SESSION (LOGON)
		.... ..1.		MEMJES3R	"X'02'" JOB IS BEING JES3 RESTARTED
		1		MEMJTREQ	"X'01'" JOB TERM/REQUEUE JSQ SENT
9	(9)	BITSTRING	1	MEMFLG2	- FLAG2

Comment

DEFINITION OF MEMFLG2

End of Comment

		1...		MEMSPT	"X'80'" JESYSMSG POINT DONE
		.1..		MEMJPTI	"X'40'" JOURNAL INPUT POINT DONE
		..1.		MEMJPTO	"X'20'" JOURNAL OUTPUT POINT DONE
		...1		MEM722	"X'10'" - PROCESSING ABEND722
		.... 1...		MEMLRL10	"X'08'" LOCATE DONE ON JES3 REL 10 (SMS UNIT AFF SSI SUPPORTED)
		.... .1..		MEMCOWER	"X'04'" COW chain error condition
		.... ..1.		MEMMPT	"X'02'" JESMSGLG point done
		1		MEMRCST	"X'01'" Return code set indicator
10	(A)	BITSTRING	1	MEMLIMF	LIMIT FLAGS

Comment

DEFINITION OF MEMLIMF

End of Comment

		1...		MEMCANB	"X'80'" CANCEL JOB ON MAX BYTES
		.1..		MEMDMPB	"X'40'" CANCEL JOB WITH DUMP ON MAX BYTES
		..1.		MEMCANP	"X'20'" CANCEL JOB ON MAX PAGES
		...1		MEMDMPP	"X'10'" CANCEL JOB WITH DUMP ON MAX PAGES
		.... 1...		MEMCANC	"X'08'" - CANCEL JOB ON MAX CARDS
		.... .1..		MEMDMPC	"X'04'" - CANCEL JOB WITH DUMP ON MAX CARDS
		.... ..1.		MEMCANL	"X'02'" - CANCEL JOB ON MAX LINES
		1		MEMDMPL	"X'01'" - CANCEL JOB WITH DUMP ON MAX LINES

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
11	(B)	BITSTRING	1	MEMTFLG	TRANSACTION RELATED FLAGS
		Comment			
		DEFINITION OF BITS IN MEMTFLG			
		End of Comment			
		1...		MEMTSNEW	"X'80'" - SYSOUT USERID CHANGED
		.1..		MEMTPACT	"X'40'" - TP IS CURRENTLY ACTIVE
12	(C)	BITSTRING	2	MEMWARNI	WARNING INCRE PERCENTAGES CARDS, LINES, BYTES, PAGES
14	(E)	BITSTRING	1	MEMRFLG	RESTART FLAGS
		Comment			
		DEFINITION OF BITS IN MEMRFLG			
		End of Comment			
		1...		MEMRSR	"X'80'" - STEP RESTART
		.1..		MEMRCR	"X'40'" - CHECKPOINT RESTART
		..1.		MEMRCN	"X'20'" - CONTINUE RESTART
		...1		MEMRJQ	"X'10'" - PUT JOB IN HOLD
		.... 1...		MEMRWARM	"X'08'" - WARMSTART JOB
15	(F)	BITSTRING	1	MEMRECFM	RECORD FORMAT AND ASA
16	(10)	BITSTRING	1	MEMFLG7	Flag 7
		Comment			
		DEFINITION OF BITS IN MEMFLG7			
		End of Comment			
		1...		MEMJSAB	"X'80'" - JSAB WAS CREATED
		.1..		MEMDEFSC	"X'40'" A deferred service class check is required
		..1.		MEMJMUER	"X'20'" JMU storage obtain error
		...1		MEMFG010	"X'10'" Reserved for IBM 0005
		.... 1...		MEMCMSPN	"X'08'" Spinoff of JESMSGLG and 0099 JESYSMSG due to op cmd 0099
		.... .1..		MEMXJMCL	"X'04'" JESMSGLG IRB close 0079 serialization flag 0079
		.... ..1.		MEMCHCL	"X'02'" Cancelable job step
		1		MEMAUTOR	"X'01'" Terminated by auto-restart
17	(11)	BITSTRING	1	MEMSERFL	Serialized flag
		Comment			
		The flags defined in MEMSERFL must be serialized using compare and swap logic.			
		End of Comment			
		1...		MEMJMSRB	"X'80'" JESMSG SRB is active
		.1..		MEMJOBSL	"X'40'" Job select active 08881SXC
		..1.		MEMCLRTM	"X'20'" CALLRTM issued for this job 08881SXC
		...1		MEMSER10	"X'10'" Reserved for IBM
		.... 1...		MEMSER08	"X'08'" Reserved for IBM
		.... .1..		MEMSER04	"X'04'" Reserved for IBM
		.... ..1.		MEMSER02	"X'02'" Reserved for IBM
		1		MEMSER01	"X'01'" Reserved for IBM

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
18	(12)	BITSTRING	2	MEMRSV1	Reserved for Development 1

Comment

```
EMECNDB IATYCNDB DSECT=NO CONSOLE INFORMATION FOR
                          MESSAGE ROUTING:
                           - CONTAIN CONSOLE
                             FOR AN RJP REMOTE ONLY
                             IF MEMRJPJB=1 IS SET
                             IN THE JOBS's MEMENTRY
                             MEMRJPJB=1 IS SET IN
 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
20	(14)	SIGNED	4	MEMECNDB (0)	IATYCNDB.27: based variable for storage mapping
20	(14)	SIGNED	4		Four byte console id 0176
24	(18)	CHARACTER	4		IATYCNDB eyecatcher
28	(1C)	ADDRESS	4		IATYCNDB version
32	(20)	BITSTRING	8		Reserved for development
40	(28)	BITSTRING	8		Console Name 0176
48	(30)	BITSTRING	24		Reserved for development
72	(48)	SIGNED	2		Reserved for development
74	(4A)	BITSTRING	40		Reserved for development
114	(72)	BITSTRING	2	MEMERSV1	Reserved for IBM
116	(74)	SIGNED	4	MEMSTMT	STATEMENT NUMBER OF LAST OUTPUT STATEMENT

Comment

```
---------------------------------------------------------------
     The next field represents a histogram of the last
     two TSO status request sizes. Each byte, multiplied
     by x'100', is the SSSCDIMP field content rounded up
     to the next X'100' boundary.
---------------------------------------------------------------
```

End of Comment

120	(78)	BITSTRING	1	MEMSTSZ (2)	TSO status request area sz.
122	(7A)	BITSTRING	8	MEMJBID	JOB ID
130	(82)	BITSTRING	8	MEMJNAME	- JOB NAME
138	(8A)	BITSTRING	8	MEMJDVT	- JDVT NAME
146	(92)	CHARACTER	18	MEMODSN	SYSOUT DATA SET NAME
146	(92)	X'92'	0	MEMPROC	"MEMODSN,8,C'C'" PROC NAME
146	(92)	X'9A'	0	MEMPT1	"MEMODSN+8,1,C'C'" PERIOD DELIMITER
146	(92)	X'9B'	0	MEMSTEP	"MEMODSN+9,8,C'C'" STEP NAME
146	(92)	X'A3'	0	MEMPT2	"MEMODSN+17,1,C'C'" PERIOD DELIMITER
164	(A4)	CHARACTER	26	MEMPRSYS	DSNAME FOR PROCESS SYSOUT
190	(BE)	BITSTRING	2	MEMRSVS4	Reserved for Service
192	(C0)	SIGNED	4	MEMACTL	- ACTUAL LINE COUNT
192	(C0)	X'C0'	0	MEMLNCDS	"MEMACTL,16" - LINES/CARDS ACTUALS/MAX
196	(C4)	SIGNED	4	MEMACTC	- ACTUAL CARD COUNT
200	(C8)	SIGNED	4	MEMMAXL	- MAXIMUM LINE COUNT
204	(CC)	SIGNED	4	MEMMAXC	- MAXIMUM CARD COUNT
208	(D0)	SIGNED	4	MEMMAXLE	- LINE COUNT FOR EXCESSION MSG
212	(D4)	SIGNED	4	MEMMAXCE	- CARD COUNT FOR EXCESSION MSG
216	(D8)	SIGNED	4	MEMACTB	- ACTUAL BYTE COUNT
216	(D8)	X'D8'	0	MEMBYPGS	"MEMACTB,16" BYTES/PAGES ACTUALS/MAX
220	(DC)	SIGNED	4	MEMACTP	- ACTUAL PAGE COUNT
224	(E0)	SIGNED	4	MEMMAXB	- MAXIMUM BYTE COUNT
228	(E4)	SIGNED	4	MEMMAXP	- MAXIMUM PAGE COUNT
232	(E8)	SIGNED	4	MEMMAXBE	- BTYE COUNT FOR EXCESSION MSG
236	(EC)	SIGNED	4	MEMMAXPE	- PAGE COUNT FOR EXCESSION MSG
240	(F0)	SIGNED	4	MEMJCC	- JOB COMPLETION CODE
244	(F4)	SIGNED	4	MEMSISAV	TEMPORARY SAVE AREA FOR JOBS
248	(F8)	BITSTRING	6	MEMTTRAC	1ST SPOOL ADDRESS OF JST 2232
254	(FE)	SIGNED	2	MEMALGN1	WORD ALIGNMENT 2232

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
256	(100)	SIGNED	4	MEMDSS	FIRST DSS OF DSS CHAIN
256	(100)	X'100'	0	MEMDSB	"MEMDSS,4" ADDRESS OF DSB
260	(104)	CHARACTER	4	MEMFCBID	FCB ID FOR 3211 PRINTER
264	(108)	CHARACTER	4	MEMUCSID	UCS IMAGE TO BE LOADED
268	(10C)	SIGNED	4	(0)	FORCE ALIGNMENT FOR RAB
268	(10C)	BITSTRING	112	MEMRAB	RECORD ALLOCATION BLOCK
380	(17C)	SIGNED	4	MEMJNUM	Job number (binary)
384	(180)	BITSTRING	1	MEMSTEPN	CURRENT STEP NUMBER
385	(181)	BITSTRING	1	MEMNSTEP	NO. OF STEPS IN THIS JOB
386	(182)	BITSTRING	6	MEMPSRBA	SPOOL ADDR - PROCESS SYSOUT 2232
392	(188)	BITSTRING	1	MEMALGN2	Reserved for IBM
393	(189)	BITSTRING	1	MEMJMABC	JESMSG abend count
394	(18A)	BITSTRING	1	MEMSPFLG	JESMSGLG & JESYSMSG spinoff flag byte

Comment

Definition of MEMSPFLG
NOTE: Flag MEMSPFLG must be defined identical to JSQSPFLG and RQSPFLG.

End of Comment

		1...		MEMSPIN	"X'80'" Job is eligible to SPINOFF JESMSGLG and JESYSMSG ds
		.1..		MEMSTIMI	"X'40'" SPINOFF by time interval (in seconds)
		..1.		MEMSTIMD	"X'20'" SPINOFF by TOD (in sec)
		...1		MEMSLINE	"X'10'" SPINOFF by line interval
		.... 1...		MEMNOSPN	"X'08'" NOSPIN specified
		.... .1..		MEMSUPRS	"X'04'" SUPPRESS specified
		.... ..1.		MEMSPF02	"X'02'" Reserved for IBM
		1		MEMSPF01	"X'01'" Reserved for IBM
394	(18A)	X'70'	0	MEMSPNLM	"MEMSTIMI+MEMSTIMD+MEMSLINE" Limit flags
395	(18B)	BITSTRING	1	MEMSKEY	STORAGE KEY FOR STORAGE STARTING AT MEMSACB
396	(18C)	ADDRESS	4	MEMSACB	ACB ADDR FOR JESYSMSG
400	(190)	ADDRESS	4	MEMSDEB	DEB ADDR FOR JESYSMSG
404	(194)	ADDRESS	4	MEMBACB	ACB ADDR FOR JCBLOCK/JST
408	(198)	ADDRESS	4	MEMBDEB	DEB ADDR FOR JCBLOCK/JST
412	(19C)	ADDRESS	4	MEMJACB	ACB ADDR FOR JOURNAL
416	(1A0)	ADDRESS	4	MEMJDEB	DEB ADDR FOR JOURNAL
420	(1A4)	ADDRESS	4	MEMJMACB	ACB addr for JESMSGLG
424	(1A8)	ADDRESS	4	MEMJMDEB	DEB addr for JESMSGLG
428	(1AC)	ADDRESS	4	MEMJMRPL	RPL addr for JESMSGLG

Comment

All updates to MEMJMUPD must be made by CS.
The high-order bit of the MEMJMUPD pointer is used to lock the JMU chain during job termination.
No additions to the queue may be made after that point.
The bit is maintained by module IATSSJM even when JMUs are dechained for addition to the JESMSGLG data set.

End of Comment

432	(1B0)	ADDRESS	4	MEMJMUPD	JESMSGLG Message Unit pending queue (non-BE WTOs) 0104
436	(1B4)	ADDRESS	4	MEMJMUWT	JESMSGLG Message Unit write queue (non-BE WTOs) 0104
440	(1B8)	SIGNED	4	MEMJMSTS	Last SRB Schedule time stamp for JESMSG BE WTO process.

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
444	(1BC)	ADDRESS	4	MEMEJLSI	Pointer to the JLSI area 0079 for connect processing 0079
448	(1C0)	DBL WORD	8	MEMJMULK (0)	JESMSGLG Message Unit lock field - Serialized via CDS instr.
448	(1C0)	SIGNED	4	MEMJMTCB	Address of TCB holding this lock
452	(1C4)	SIGNED	4	MEMJMCNT	Count of number of JESMSGLG writes
456	(1C8)	SIGNED	4	MEMUSER (2)	RESERVED FOR USER
464	(1D0)	ADDRESS	4	MEMRRDSS	DSS FOR RAB REFRESH REQ
464	(1D0)	X'1D0'	0	MEMRRDSB	"MEMRRDSS,4" DSB FOR RAB REFRESH REQ
468	(1D4)	SIGNED	4	MEMACTS	ACTUAL SYSTEM LINES COUNT
472	(1D8)	CHARACTER	8	MEMASTEP	FAILING STEP NAME
480	(1E0)	CHARACTER	8	MEMAPROC	FAILING PROC NAME
488	(1E8)	CHARACTER	80	MEMTOKEN	TOKEN 0318
568	(238)	CHARACTER	8	MEMNODE	NODE
576	(240)	CHARACTER	8	MEMUSID	USERID
584	(248)	DBL WORD	8	MEMDWORD (2)	HEX CONVERSION
600	(258)	SIGNED	4	MEMFWORD	WORK AREAS
604	(25C)	SIGNED	4	MEMDSCNT	DATA SET COUNT
608	(260)	ADDRESS	4	MEMTPB	ADDRESS OF TRANSACTION BLOCK
612	(264)	SIGNED	4	MEMMAXSE	SYSLINES COUNT FOR TOTAL SYSTEM MESSAGE REPORT

Comment

The next word represents a histogram of the last two request sizes. Each halfword, multiplied by x'100' is the total request length used for JES3 global communication.

End of Comment

616	(268)	SIGNED	2	MEMSTGSZ (2)	TSO global request size
620	(26C)	SIGNED	4	MEMJMTHR	JESMSGLG threshold count for SRB processing
624	(270)	BITSTRING	1	MEMERVS5	Reserved for Service
625	(271)	BITSTRING	3	MEMMAXRC	Maximum step return code
628	(274)	ADDRESS	4	MEMCOWBN	COW anchor (barn)
632	(278)	SIGNED	4	MEMCOWCT	COW counter
636	(27C)	SIGNED	4	MEMCDATE	Current date (YYYYMMDD)

Comment

All updates to MEMBEJPD must be made by CS.
The high-order bit of the MEMBEJPD pointer is used to lock the JMU chain during job termination.
No additions to the queue may be made after that point.
The bit is maintained by module IATSSJM even when JMUs are dechained for addition to the JESMSGLG data set.

End of Comment

640	(280)	ADDRESS	4	MEMBEJPD	JESMSGLG Msg Unit pending queue (Branch Entry WTOs) 0104
644	(284)	ADDRESS	4	MEMBEJWT	JESMSGLG Message Unit write queue (Branch Entry WTOs) 0104
648	(288)	ADDRESS	4	MEMINTCB	Initiator's TCB address 07441SXC
652	(28C)	SIGNED	4	MEMSPLCK	JESlog (JESMSGLG & JESYSMSG)0094 spinoff lock - this field 0094 serialized by COMPARE and 0094 SWAP 0094
656	(290)	BITSTRING	8	MEMTIME1	Binary time
664	(298)	SIGNED	4	MEMTDATE	Spinoff trigger date
668	(29C)	SIGNED	4	MEMTTIME	Spinoff trigger time

IATYMEM Cross Reference

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
672	(2A0)	SIGNED	4	MEMSPVLU	JESMSGLG & JESYSMSG spinoff value (see MEMSPFLG)
676	(2A4)	BITSTRING	112	MEMJMRAB	Record Allocation Block for JESMSGLG dataset
788	(314)	BITSTRING	112	MEMSMRAB	Record Allocation Block for JESYSMSG dataset
900	(384)	SIGNED	4	MEMEEND (0)	END OF MEMDATA ENTRY
900	(384)	BITSTRING	1	MEMESIZE (0)	MEMENTRY SIZE = L'MEMESIZE

IATYMEM Cross Reference

Name

MEMABNRL
MEMACTB
MEMACTC
MEMACTCD
MEMACTDD
MEMACTEN
MEMACTL
MEMACTNQ
MEMACTP
MEMACTS
MEMACTST
MEMACTSZ
MEMAFDM
MEMAFFUN
MEMAFMOD
MEMAFSET
MEMALGN1
MEMALGN2
MEMALLOC
MEMAPPC
MEMAPROC
MEMASCB
MEMASID
MEMASTEP
MEMATOKN
MEMAUTOR
MEMBACB
MEMBDEB
MEMBEJPD
MEMBEJWT
MEMBYPGS
MEMCANB
MEMCANC
MEMCANL
MEMCANP
MEMCDATE
MEMCHAIN
MEMCHCL
MEMCIDRC
MEMCIFST
MEMCLRTM
MEMCMFCC
MEMCMSPN
MEMCOWBN
MEMCOWCT
MEMCOWER
MEMDEFSC
MEMDJOB
MEMDMPB
MEMDMPC

Name

MEMDMPL
MEMDMPP
MEMDMSAV
MEMDSB
MEMDSCNT
MEMDSECT
MEMDSS
MEMDWORD
MEMDYDDN
MEMECNDB
MEMEEND
MEMEID
MEMEJLSI
MEMENTRY
MEMEOMCC
MEMERSV1
MEMERVS5
MEMESIZE
MEMFCBID
MEMFG010
MEMFLG1
MEMFLG2
MEMFLG7
MEMFSNRT
MEMFSS
MEMFSSGT
MEMFSSTM
MEMFSTYP
MEMFWORD
MEMHCNDB
MEMHDSEL
MEMHEAD
MEMHEND
MEMHFLG1
MEMHFLG2
MEMHF201
MEMHID
MEMHJBID
MEMHSDVT
MEMHSIZE
MEMHSRVC
MEMHSYSL
MEMHUSER
MEMINIT
MEMINTCB
MEMISTP
MEMISTRT
MEMITERM
MEMIVSTR
MEMIVSTW
MEMJACB
MEMJBID
MEMJCC
MEMJDEB
MEMJDVT
MEMJES3R
MEMJMABC
MEMJMACB
MEMJMCNT
MEMJMDEB

Name

MEMJMRAB
MEMJMRPL
MEMJMSRB
MEMJMSTS
MEMJMTCB
MEMJMTHR
MEMJMUER
MEMJMULK
MEMJMUPD
MEMJMUWT
MEMJNAME
MEMJNUM
MEMJOBSL
MEMJPTI
MEMJPTO
MEMJSAB
MEMJTREQ
MEMLIMF
MEMLNCDS
MEMLRL10
MEMMAXB
MEMMAXBE
MEMMAXC
MEMMAXCE
MEMMAXL
MEMMAXLE
MEMMAXP
MEMMAXPE
MEMMAXRC
MEMMAXSE
MEMMPT
MEMNACTV
MEMNETSV
MEMNODE
MEMNOJLG
MEMNOSPN
MEMNOSR
MEMNSTEP
MEMNTRY1
MEMNTRY2
MEMODSN
MEMPROC
MEMPRSYS
MEMPSRBA
MEMPT1
MEMPT2
MEMRAB
MEMRBUFF
MEMRCN
MEMRCR
MEMRCST
MEMRECB
MEMRECFM
MEMRFLG
MEMRJPJB
MEMRJQ
MEMRRDSB
MEMRRDSS
MEMRSR
MEMRSVS1

Name

MEMRSVS2
MEMRSVS3
MEMRSVS4
MEMRSV1
MEMRWARM
MEMR1AMD
MEMR2AMD
MEMR2ANM
MEMR3ANM
MEMSACB
MEMSDEB
MEMSERFL
MEMSER01
MEMSER02
MEMSER04
MEMSER08
MEMSER10
MEMSIAES
MEMSIAJD
MEMSIANU
MEMSIASP
MEMSIAWO
MEMSICNA
MEMSIDYA
MEMSIJBR
MEMSIJBS
MEMSIJBT
MEMSIJEN
MEMSIJPC
MEMSIJPI
MEMSIJPN
MEMSIJPS
MEMSIJPX
MEMSIOPA
MEMSISAV
MEMSISET
MEMSISTA
MEMSITCP
MEMSI83
MEMSJSRV
MEMSKEY
MEMSLINE
MEMSMRAB
MEMSPFLG
MEMSPF01
MEMSPF02
MEMSPIN
MEMSPLCK
MEMSPNLM
MEMSPT
MEMSPVLU
MEMSPWT
MEMSRMTK
MEMSSVT
MEMSTEP
MEMSTEPN
MEMSTGSZ
MEMSTIMD
MEMSTIMI
MEMSTMT

Name

MEMSTSZ
MEMSUPRS
MEMTDATE
MEMTFLG
MEMTIME1
MEMTOKEN
MEMTPACT
MEMTPB
MEMTSNEW
MEMTSOJB
MEMTTIME
MEMTTOKN
MEMTTRAC
MEMUCSID
MEMUSER
MEMUSID
MEMVALDS
MEMWARNI
MEMWISEQ
MEMWLMCT
MEMWLMIN
MEMWLMSL
MEMWTOCH
MEMWTOCL
MEMWTOCT
MEMXJMCL
MEM722

IATYMGR Information

IATYMGR Heading Information

Common Name: MESSAGE ROUTING TABLE BY WTO ROUTING CODE
Macro ID: IATYMGR
DSECT Name: MGRSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: MGR
Offset: 0
Length: 4
Storage Attributes: Main Storage: SUBPOOL 231
Auxiliary Storage: N/A
Size: MGRHSIZE - SIZE OF HEADER
MGRESIZE - INDIVIDUAL ENTRY SIZE
MGRTSIZE - TOTAL TABLE SIZE
Created by: IATINC2
Pointed to by: SVTMGR IN IATYSVT
Serialization: None
Function: Contains an entry for each MVS routing code and the information relating to JES3 console services for that entry.

IATYMGR Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	MGRSTART	Message Routing Table Header
0	(0)	CHARACTER	4	MGRID	Control block identifier
4	(4)	CHARACTER	8	MGRNAME	- Main processor name
12	(C)	BITSTRING	1	MGRHEND (0)	End of MSGROUTE Header
12	(C)	X'C'	0	MGRHSIZE	"MGRHEND-MGRSTART" Size of MSGROUTE Header

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	MGRENTRY	, Message Routing Table Entry
0	(0)	CHARACTER	8	MGRCON	MCS Console Name
8	(8)	BITSTRING	17	MGRROUT	Route code mask
25	(19)	CHARACTER	1	MGRFLAG1	MSGROUTE Flag One

Comment

Definition of MGRFLAG1.

End of Comment

		1...		MGRREPLC	"X'80'" - Route code equivalent of the destination class associated with this MSGROUTE statement should replace message's route codes
26	(1A)	CHARACTER	1	MGRRSVD	Reserved for development
26	(1A)	X'1B'	0	MGREEND	"*" End of MSGROUTE entry
26	(1A)	X'1B'	0	MGRESIZE	"MGREEND-MGRENTRY" Size of MSGROUTE entry

Comment

Total size of MSGROUTE table for one main processor.
This includes room for a header and enough entries
for 128 route codes.

End of Comment

26	(1A)	X'D8C'	0	MGRTSIZE	"MGRHSIZE+(128*MGRESIZE)" Total table size

IATYMGR Cross Reference

Name

MGRCON
MGREEND
MGRENTRY
MGRESIZE
MGRFLAG1
MGRHEND
MGRHSIZE
MGRID
MGRNAME
MGRREPLC
MGRROUT
MGRRSVD
MGRSTART
MGRTSIZE

IATYMLWE Information

IATYMLWE Heading Information

Common Name: MULTI-LINE WTO WORK ELEMENT
Macro ID: IATYMLWE
DSECT Name: MLWE
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: MLWE
Offset: 0
Length: 4
Storage Attributes: Main Storage: EXTENDED CSA
Auxiliary Storage: N/A
Size: MLWESIZE
Created by: IATCNSV
Pointed to by: FIELD SVTMWTO IN IATYSVT
Serialization: NONE
Function: This control block maps a multi-line WTO work element.

IATYMLWE Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	MLWE	, MULTI-LINE WTO MAJOR LINE WORK ELEMENT
0	(0)	SIGNED	4	MLWEID	CONTROL BLOCK ID
4	(4)	BITSTRING	1	MLWEVRSN	VERSION LEVEL
4	(4)	X'1'	0	MLWE220	"1" VERSION LEVEL FOR HJS2220
4	(4)	X'1'	0	MLWECVID	"MLWE220" CURRENT VERSION
5	(5)	BITSTRING	3	NJWERSVD	RESERVED FOR DEVELOPMENT
8	(8)	DBL WORD	8	MLWETOD	CURRENT VALUE OF TOD CLOCK
16	(10)	SIGNED	4	MLWEDOM	MULTI-LINE WTO DOM ID
20	(14)	SIGNED	4	MLWEFRWD	FORWARD POINTER FOR WORK QUEUE
24	(18)	SIGNED	4	MLWEBACK	BACKWARD POINTER FOR WORK QUEUE
28	(1C)	SIGNED	4	MLWERSV2	RESERVED FOR DEVELOPMENT
32	(20)	SIGNED	4	MLWERFLS	REQUEST FLAGS FROM MAJOR
36	(24)	SIGNED	4	MLWENO	HARDCOPY ID FROM MAJOR
40	(28)	SIGNED	4	MLWEEND (0)	END OF WTO MAJOR LINE WORK ELEMENT
40	(28)	X'28'	0	MLWESIZE	"MLWEEND-MLWE" SIZE OF WTO MAJOR LINE WORK ELEMENT

IATYMLWE Cross Reference

Name

MLWE
MLWEBACK
MLWECVID
MLWEDOM
MLWEEND
MLWEFRWD
MLWEID
MLWENO
MLWERFLS
MLWERSV2
MLWESIZE
MLWETOD
MLWEVRSN
MLWE220
NJWERSVD

IATYMLWO Information

IATYMLWO Heading Information

Common Name: Multi-Line Message Token
Macro ID: IATYMLWO
DSECT Name: MLWOSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: MLWO
Offset: 0
Length: 4
Storage Attributes: Main Storage: JES3 Private, subpool 0
Auxiliary Storage: n/a
Key: 1 (JESKEY)
Residency: Any
Size: MLWOSIZE
Created by: IATXMLWO service
Pointed to by: MESSAGE macro parameter list on entry to MESSAGE service routine.
Serialization: None
Function: Describes one line of a multi-line message. Each line of a multi-line message is stored in its own copy of this token, which is built by the IATXMLWO macro. The lines are chained together and can then be passed to the MESSAGE macro via the MLWOLST keyword in order to display the multi-line message. Each line's token consists of the message text and a flag which indicates the type of the message line. The length of the message line is specified as the first byte of the text. The token for the first line of a multi-line message also contains the token address for the last line of the message, and a pointer to the end of last Getmain area that was obtained for the message.

IATYMLWO Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	MLWOSTRT	
0	(0)	CHARACTER	4	MLWOID	Control block identifier
4	(4)	ADDRESS	4	MLWONEXT	Next MLWO in Message
8	(8)	ADDRESS	4	MLWOLAST	Last MLWO in Message (Only Used in 1st Line of Message)
12	(C)	ADDRESS	4	MLWOGEND	End of Last Getmain Area (Only Used in 1st Line of Message)
16	(10)	BITSTRING	1	MLWOTYPE	Line Type Flag
		1...		MLWOCNTL	"X'80'" Control Line
		.1..		MLWOLBL	"X'40'" Label Line
		..1.		MLWODATA	"X'20'" Data Line
17	(11)	CHARACTER	71	MLWOTEXT	Message Text
17	(11)	X'11'	0	MLWOTLEN	"MLWOTEXT,1" Length Byte for Msg Text
17	(11)	X'12'	0	MLWOTTXT	"MLWOTEXT+1,70" Actual Text of Message
17	(11)	X'58'	0	MLWOSIZE	"*-MLWOSTRT" Control Block Size
		Comment			
		Equates for maximum line lengths, maximum lines allowed in ML-WTO, and GETMAIN area size.			
		End of Comment			
17	(11)	X'22'	0	MLWOCMAX	"34" Max length of Control Lines
17	(11)	X'46'	0	MLWOLMAX	"70" Max length of Label Lines

IATYMLWO Cross Reference

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
17	(11)	X'46'	0	MLWODMAX	"70" Max length of Data Lines
17	(11)	X'A'	0	MLWOGNUM	"10" Number of MLWOs per GETMAIN
17	(11)	X'370'	0	MLWOGSIZ	"MLWOGNUM*MLWOSIZE" Size of GETMAINs

IATYMLWO Cross Reference

Name

MLWOCMAX
MLWOCNTL
MLWODATA
MLWODMAX
MLWOGEND
MLWOGNUM
MLWOGSIZ
MLWOID
MLWOLAST
MLWOLBL
MLWOLMAX
MLWONEXT
MLWOSIZE
MLWOSTRT
MLWOTEXT
MLWOTLEN
MLWOTTXT
MLWOTYPE

IATYMNTR Information

IATYMNTR Heading Information

Common Name: Monitor FCT Data Area
Macro ID: IATYMNTR
DSECT Name:
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: MNTR
Offset: MNTID
Length: 4
Storage Attributes: Main Storage: Module IATGRMN
Auxiliary Storage: N/A
Size: N/A
Created by: IATGRMN
Pointed to by: Register thirteen in IATGRMN
Serialization: N/A
Function: This macro defines the Monitor FCT Data Area.

IATYMNTR Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	MNTSTART	
0	(0)	CHARACTER	4	MNTID	Control block identifier
		Comment			
		Message Request Table Information.			
		End of Comment			
4	(4)	ADDRESS	4	MNTMRT1S	Address of the first Message Request table
8	(8)	ADDRESS	4	MNTMRTCR	Address of the current Message Request table
12	(C)	ADDRESS	4	MNTORD1S	Address of the first Message Request Table entry in the time ordered queue. The queue is ordered such that the entry for the job or FCT that is waiting the longest appears first
16	(10)	SIGNED	4	MNTORDCT	Number of elements in Message Request entry time ordered queue
20	(14)	SIGNED	4	MNTTOTCT	Actual number of jobs or FCTs that have exceeded the threshold time. This value is used for the summary message and differs from MNTORDCT in that this value is not limited by the COUNT parameter on the MNTRDEF macro.
24	(18)	ADDRESS	4	MNTPVMRE	Address of the last Message Request entry that preceeds the current time being added
		Comment			
		Time stamp information.			
		End of Comment			
32	(20)	DBL WORD	8	MNTCURTM	Current time (STCK value)
32	(20)	X'20'	0	MNTUSETM	"MNTCURTM,4" Useable part of current time
40	(28)	SIGNED	4	MNTINTVL	Current time interval (in hundreths of a second) that is associated with the current ATIME
44	(2C)	SIGNED	4	MNTOVRTT	Over the threshold time. An element would have to have a time stamp that is less than or equal to this time to be considered over the threshold. It is computed by subtracting the threshold time in the Monitor Definition Entry from the current time.

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		START Command Processing Work Area Note: When a new start command is being processed, the work area starting at MNTSCMST and ending at MNTSCMEN is set to zeroes.			
		End of Comment			
48	(30)	SIGNED	4	MNTSCMST (0)	Start of Work Area
48	(30)	CHARACTER	8	MNTSPARM	Temporary save area for *START command parameter
56	(38)	CHARACTER	8	MNTSVALU	Temporary save area for *START command value
		Comment			
		--- Values that were specified on the START command. ---			
		End of Comment			
64	(40)	CHARACTER	8	MNTSID	ID= value specified on the *START command
72	(48)	BITSTRING	8	MNTSINTV	INTERVAL= value specified on the *START command and converted to binary
80	(50)	BITSTRING	8	MNTSTHRS	THRESHOLD= value specified on the *START command and converted to binary
88	(58)	BITSTRING	8	MNTSCNT	COUNT= value specified on the *START command and converted to binary or "ALL"
96	(60)	CHARACTER	8	MNTSSUMM	SUMMARY= value specified on the *START command
104	(68)	BITSTRING	1	MNTSFLG1	*START command duplicate keyword flag
		Comment			
		--- Definition of MNTSFLG1 ---			
		End of Comment			
		1...		MNTDISPF	"X'80'" DISPLAY was found
		.1..		MNTIDF	"X'40'" ID= was found
		..1.		MNTINTVF	"X'20'" INTERVAL= was found
		...1		MNTTHRSF	"X'10'" THRESHOLD= was found
		.... 1...		MNTCNTF	"X'08'" COUNT= was found
		.... .1..		MNTSUMMF	"X'04'" SUMMARY= was found
		.... ..1.		MNTSRS02	"X'02'" Reserved flag
		1		MNTSRS01	"X'01'" Reserved flag
108	(6C)	SIGNED	4	MNTSCMEN (0)	End of Work Area
108	(6C)	X'3C'	0	MNTSCMSZ	"MNTSCMEN-MNTSCMST" Size of Work Area
		Comment			
		General Flags.			
		End of Comment			
108	(6C)	BITSTRING	1	MNTFLAG1	Monitor FCT Flag One
		Comment			
		--- Definition of MNTFLAG1. ---			
		End of Comment			
		1...		MNTATIMX	"X'80'" ATIME interval expired
		.1..		MNTCANCM	"X'40'" *CANCEL MONITOR command was issued
		..1.		MNTSTRCM	"X'20'" *START MONITOR command was issued

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		...1		MNTTERM	"X'10'" Monitor FCT termination in progress
		.... 1...		MNTINTMD	"X'08'" INTERVAL parameter was modified
		.... .1..		MNTRS104	"X'04'" Reserved flag
		.... ..1.		MNTRS102	"X'02'" Reserved flag
		1		MNTRS101	"X'01'" Reserved flag

Comment

The area from MNTSTART to MNTCLEND is cleared
across different invocations of the Monitor FCT.

End of Comment

112	(70)	DBL WORD	8	MNTCLEND (0)	End of area to clear
112	(70)	X'70'	0	MNTCLSIZ	"MNTCLEND-MNTSTART" Size of area to clear

Comment

ATIME Parameter List.
NTATIME ATIME MF=L ATIME Parameter List
$SL= z1.7.0 HJS7720 050107 PD0TN: z 1.7.0

End of Comment

112	(70)	SIGNED	4	(0)	ALIGNMENT
112	(70)	BITSTRING	4	MNTATIME	ID
116	(74)	SIGNED	4		TIME OR TOD VALUE
120	(78)	ADDRESS	4		ECF OR ENTER ADDRESS
124	(7C)	ADDRESS	1		FLAG BYTE1
125	(7D)	ADDRESS	1		FLAG BYTE2
126	(7E)	ADDRESS	1		ECF MASK FOR POST REQUEST
127	(7F)	ADDRESS	1		Flag byte 3
128	(80)	ADDRESS	4		FCT ADDRESS

Comment

Message Related Data.

MESSAGE Parameter List.

NTMESSG MESSAGE MF=L MESSAGE Parameter List
$T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0

End of Comment

132	(84)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
132	(84)	ADDRESS	4	MNTMESSG	Text Address
136	(88)	BITSTRING	2		Destination Disp and Mask
138	(8A)	BITSTRING	1		ACTION flag
139	(8B)	ADDRESS	1		Options Flag
140	(8C)	BITSTRING	2		Descriptor Codes
142	(8E)	SIGNED	2		Reserved 2 Bytes
144	(90)	BITSTRING	17		Routing Codes
161	(A1)	BITSTRING	1	(3)	Reserved
164	(A4)	BITSTRING	1	(8)	Jobid
172	(AC)	BITSTRING	1	(8)	Jobname
180	(B4)	BITSTRING	1	(8)	Key
188	(BC)	ADDRESS	4		CNDB Address 1
192	(C0)	ADDRESS	4		CNDB Address 2
196	(C4)	ADDRESS	4		CNDB Address 3
200	(C8)	ADDRESS	4		CNDB Address 4
204	(CC)	ADDRESS	4		CNDB Address 5
208	(D0)	ADDRESS	4		MLWO Address

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		IAT6394 MONITOR FUNCTION <ACTIVE|ENDED>			
		End of Comment			
212	(D4)	ADDRESS	1	IAT6394	
213	(D5)	CHARACTER	25		
238	(EE)	CHARACTER	6	ACEN6394	"ACTIVE" or "ENDED"
238	(EE)	X'1F'	0	LEN6394	"*-IAT6394-1" Length of message
		Comment			
		IAT6395 nnnnn REQUEST(S) waittext			
		End of Comment			
244	(F4)	ADDRESS	1	IAT6395	
245	(F5)	CHARACTER	8		
253	(FD)	CHARACTER	5	NREQ6395	Number of requests waiting
258	(102)	CHARACTER	14		
272	(110)	CHARACTER	40	WAIT6395	Wait reason
272	(110)	X'43'	0	LEN6395	"*-IAT6395-1" Length of message
		Comment			
		IAT6396 JOB jobname (jobid) waittext < MAIN=main>			
		End of Comment			
312	(138)	ADDRESS	1	IAT6396	
313	(139)	CHARACTER	14		
327	(147)	CHARACTER	8	JBNM6396	Job name
335	(14F)	CHARACTER	2		
337	(151)	CHARACTER	8	JBID6396	Job identifier
345	(159)	CHARACTER	2		
347	(15B)	CHARACTER	40	WAIT6396	Wait reason
347	(15B)	X'4A'	0	LEN6396	"*-IAT6396-1" Length of message
387	(183)	CHARACTER	6		
393	(189)	CHARACTER	8	JB6396MN	Main name
393	(189)	X'58'	0	LEN6396M	"*-IAT6396-1" Length of longer message
		Comment			
		IAT6397 FCT fctname (devname) waittext			
		End of Comment			
401	(191)	ADDRESS	1	IAT6397	
402	(192)	CHARACTER	14		
416	(1A0)	CHARACTER	8	FCTN6397	FCT/DSP name
424	(1A8)	CHARACTER	2		
426	(1AA)	CHARACTER	8	DEVN6397	Device name or NODEVICE
434	(1B2)	CHARACTER	2		
436	(1B4)	CHARACTER	40	WAIT6397	Wait reason
436	(1B4)	X'4A'	0	LEN6397	"*-IAT6397-1" Length of message

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

				IAT6398 hhhhh HOURS mm MINUTES ss SECONDS	

				End of Comment	
476	(1DC)	ADDRESS	1	IAT6398	
477	(1DD)	CHARACTER	12		
489	(1E9)	CHARACTER	5	HRS6398	Number of hours
494	(1EE)	CHARACTER	8		
502	(1F6)	CHARACTER	2	MINS6398	Number of minutes
504	(1F8)	CHARACTER	10		
514	(202)	CHARACTER	2	SECS6398	Number of seconds
516	(204)	CHARACTER	8		
516	(204)	X'2F'	0	LEN6398	"*-IAT6398-1" Length of message
				Comment	

				IAT6399 ID INTERVAL THRESHOLD COUNT SUMMARY STATUS	

				End of Comment	
524	(20C)	ADDRESS	1	IAT6399	
525	(20D)	CHARACTER	36		
561	(231)	CHARACTER	20		
561	(231)	X'38'	0	LEN6399	"*-IAT6399-1" Length of message
				Comment	

				IAT6400 id interval threshold count summary status	

				End of Comment	
581	(245)	ADDRESS	1	IAT6400	
582	(246)	CHARACTER	8		
590	(24E)	CHARACTER	8	ID6400	MNTRDEF identifier
598	(256)	CHARACTER	3		
601	(259)	CHARACTER	3	INTV6400	Interval value
604	(25C)	CHARACTER	7		
611	(263)	CHARACTER	3	THRS6400	Threshold value
614	(266)	CHARACTER	5		
619	(26B)	CHARACTER	3	CNT6400	Count value
622	(26E)	CHARACTER	3		
625	(271)	CHARACTER	4	SUMM6400	Summary value
629	(275)	CHARACTER	3		
632	(278)	CHARACTER	8	STAT6400	Monitoring status
632	(278)	X'3A'	0	LEN6400	"*-IAT6400-1" Length of message
				Comment	

				IAT6401 MONITOR START COMMAND REJECTED - reasontext	

				End of Comment	
640	(280)	ADDRESS	1	IAT6401	
641	(281)	CHARACTER	41		
682	(2AA)	CHARACTER	40	REAS6401	Reason command was rejected
682	(2AA)	X'51'	0	LEN6401	"*-IAT6401-1" Length of message

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		---------- IAT6402 MONITOR MODIFY PROCESSING COMPLETE ----------			
		End of Comment			
722	(2D2)	ADDRESS	1	IAT6402	
723	(2D3)	CHARACTER	42		
723	(2D3)	X'2A'	0	LEN6402	"*-IAT6402-1" Length of message
		Comment			
		Monitor Definition Entries. The following information describes the queues and resources that are being monitored, how often they should be monitored, etc. Some of these values should be modified by the user to achieve the desired results. The following parameters can be specified. If not indicated otherwise, the value can be modified by the user. (1) Description - Specifies a 40 byte description that describes the queue or resource being monitored. This description will appear in both the summary message and the individual messages that are issued for a particular job or FCT, unless the message is tailored by the monitoring routine specified by the ROUTINE parameter. (2) Interval - Specifies the time interval in minutes that the Monitor FCT wakes up to check the specified queue or resource. (3) Threshold - Specifies the amount of time in minutes that must elapse before a job or FCT waiting on the specified queue or resource will be displayed. For example, if a job is waiting for locate for more than 5 minutes, issue a message. The actual results may vary by a second due to rounding error that occurs when we translate the interval value in minutes to clock units. (4) Count - Specifies the number of FCTs or jobs which are over the threshold value that should be displayed. The default is all jobs or FCTs. If a threshold value is specified, the FCTs or jobs that have been waiting the longest will be displayed. For example, if THRESHOLD=10 is specified for the allocate queue, issue a message for the ten jobs that have been waiting the longest on the allocate queue. (5) Summary - Specifies whether a summary message that describes the number of jobs or FCTs waiting should be issued (YES), whether ONLY a summary message should be issued (ONLY), or whether no summary should be issued (NO). (6) Routine - Specifies the address of the routine to get control to collect the data once the monitoring interval expires. This value should not be modified by the user.			
		End of Comment			
768	(300)	SIGNED	4	MNTDEFEN (0)	Monitor Definition Entries

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
					---------- JES3 Resource Monitoring Data. A JES3 resource is anything that can be used by an FCT and that can become unavailable. For example, the following are considered JES3 resources: (1) Generalized subtasks (2) JSAM buffers (3) Job numbers (4) Spool space (5) AENQ resources (6) File Directory entries (7) Console buffers (8) Job Queue Elements Recommendations: ---------- This monitoring routine is automatically activated. 0 It should be left active at all times. 0 The interval value should be set to a medium value such as 5 to 10 minutes so that the FCT chain is not scanned that often. However, the threshold value should be set to one minute so that even small wait times are detected. SUMMARY should be set to YES or NO so that you get the individual messages for each FCT that is waiting for a resource. This information is necessary in order to determine the exact cause of the wait. ---------- $SI=z1.5.0 HJS7708 021211 PD0PK: z 1.5.0 0 , MNTRDEF DESC='WAITING FOR JES3 RESOURCES', , INTERVAL=5, , THRESHOLD=1, , COUNT=ALL, , ROUTINE=MNJS3RSC, , SUMMARY=YES, , LAST=NO
				End of Comment	
768	(300)	SIGNED	4	RESOURCE (0)	
768	(300)	CHARACTER	8		Identifier
776	(308)	CHARACTER	40		
				Comment	
					Resource/queue description
				End of Comment	
816	(330)	ADDRESS	4		Interval value in seconds 0051
820	(334)	ADDRESS	4		
				Comment	
					Interval value in hundredths0 of a second
				End of Comment	
824	(338)	SIGNED	4		Interval time remaining (initialized to zero)
828	(33C)	ADDRESS	4		Threshold value in seconds 0051
832	(340)	ADDRESS	4		Threshold value in clock units
836	(344)	SIGNED	4		Display all jobs/FCTs that are over the threshold
840	(348)	ADDRESS	4		Address of routine to get control when monitoring interval expires

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
844	(34C)	BITSTRING	1		Flag byte one, SUMMARY=YES was specified
845	(34D)	BITSTRING	3		Reserved for development

Comment

```
-----------------------------------------------------------------
      Locate Monitoring Data.
      This Monitor Definition entry is used to monitor
      jobs that are waiting for a catalog locate request
      to complete. This includes jobs that do not have
      a locate subtask currently associated with it. Jobs
      that are active in locate in a C/I FSS address space
      can be monitored using the C/I FSS monitor
      definition that is described below.
      Recommendations
      ---------------
      This monitoring routine is automatically activated. 0
      You can deactivate it if you are not using JES3 0
      setup (although there is no harm in leaving it 0
      activated even when not using setup). The SUMMARY 0
      option should be set to YES or NO so that messages
      will be issued for individual jobs. This will allow
      you to determine which jobs are waiting so that you
      can cancel them if necessary.
-----------------------------------------------------------------
      $SI=z1.5.0 HJS7708 021211 PD0PK: z 1.5.0 0
, MNTRDEF DESC='WAITING FOR CATALOG LOCATE',
, INTERVAL=5,
, THRESHOLD=1,
, COUNT=ALL,
, ROUTINE=MNLOCATE,
, SUMMARY=YES,
, LAST=NO
```

End of Comment

848	(350)	SIGNED	4	LOCATE (0)	
848	(350)	CHARACTER	8		Identifier
856	(358)	CHARACTER	40		

Comment

Resource/queue description

End of Comment

896	(380)	ADDRESS	4		Interval value in seconds 0051
900	(384)	ADDRESS	4		

Comment

Interval value in hundredths0
of a second

End of Comment

904	(388)	SIGNED	4		Interval time remaining (initialized to zero)
908	(38C)	ADDRESS	4		Threshold value in seconds 0051
912	(390)	ADDRESS	4		Threshold value in clock units
916	(394)	SIGNED	4		Display all jobs/FCTs that are over the threshold
920	(398)	ADDRESS	4		Address of routine to get control when monitoring interval expires
924	(39C)	BITSTRING	1		Flag byte one, SUMMARY=YES was specified
925	(39D)	BITSTRING	3		Reserved for development

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

				C/I FSS Monitoring Data.	
				This Monitor Definition entry is used to monitor	
				jobs that have been scheduled for C/I processing to	
				a C/I FSS address space. Jobs that have locate	
				processing performed in a C/I FSS address space are	
				monitored by this routine, not the catalog locate	
				monitoring routine.	
				Recommendations	

				This monitoring routine is automatically activated. 0	
				You can deactivate it if you are not using C/I FSS 0	
				address spaces (although there is no harm in leaving 0	
				it activated even when not using them.) The SUMMARY 0	
				option should be set to YES or NO so that messages	
				will be issued for individual jobs. This will allow	
				you to determine which jobs are waiting so that you	
				can cancel them if necessary.	

				$SI=z1.5.0 HJS7708 021211 PD0PK: z 1.5.0 0	
				, MNTRDEF DESC='ACTIVE IN A C/I FSS',	
				, INTERVAL=5,	
				, THRESHOLD=1,	
				, COUNT=ALL,	
				, ROUTINE=MNCIFSS,	
				, SUMMARY=YES,	
				, LAST=NO	
				End of Comment	
928	(3A0)	SIGNED	4	CIFSS (0)	
928	(3A0)	CHARACTER	8		Identifier
936	(3A8)	CHARACTER	40		
				Comment	
				Resource/queue description	
				End of Comment	
976	(3D0)	ADDRESS	4		Interval value in seconds 0051
980	(3D4)	ADDRESS	4		
				Comment	
				Interval value in hundredths0	
				of a second	
				End of Comment	
984	(3D8)	SIGNED	4		Interval time remaining (initialized to zero)
988	(3DC)	ADDRESS	4		Threshold value in seconds 0051
992	(3E0)	ADDRESS	4		Threshold value in clock units
996	(3E4)	SIGNED	4		Display all jobs/FCTs that are over the threshold
1000	(3E8)	ADDRESS	4		Address of routine to get control when monitoring interval expires
1004	(3EC)	BITSTRING	1		Flag byte one, SUMMARY=YES was specified
1005	(3ED)	BITSTRING	3		Reserved for development

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

		System Select Queue Monitoring Data.			
		This Monitor Definition entry is used to monitor			
		jobs that are waiting in the MDS System Select			
		queue for SMS resources to become available.			
		Recommendations			

		This monitoring routine is automatically activated. 0			
		You can deactivate it if you are not using JES3 0			
		setup for SMS managed data sets, although there is 0			
		no harm in leaving it activated. Furthermore, if 0			
		you enable and disable SMS managed resources such as 0			
		storage groups often, leave this monitoring routine 0			
		activated to make sure that you don't 0			
		disable one or more SMS managed resources, and then			
		forget to enable them.			

		$SI=z1.5.0 HJS7708 021211 PD0PK: z 1.5.0 0			
		, MNTRDEF DESC='WAITING IN SYSTEM SELECT',			
		, INTERVAL=5,			
		, THRESHOLD=5,			
		, COUNT=ALL,			
		, ROUTINE=MNSYSSLQ,			
		, SUMMARY=YES,			
		, LAST=NO			
		End of Comment			
1008	(3F0)	SIGNED	4	SYSSELQ (0)	
1008	(3F0)	CHARACTER	8		Identifier
1016	(3F8)	CHARACTER	40		
		Comment			
		Resource/queue description			
		End of Comment			
1056	(420)	ADDRESS	4		Interval value in seconds 0051
1060	(424)	ADDRESS	4		
		Comment			
		Interval value in hundredths0 of a second			
		End of Comment			
1064	(428)	SIGNED	4		Interval time remaining (initialized to zero)
1068	(42C)	ADDRESS	4		Threshold value in seconds 0051
1072	(430)	ADDRESS	4		Threshold value in clock units
1076	(434)	SIGNED	4		Display all jobs/FCTs that are over the threshold
1080	(438)	ADDRESS	4		Address of routine to get control when monitoring interval expires
1084	(43C)	BITSTRING	1		Flag byte one, SUMMARY=YES was specified
1085	(43D)	BITSTRING	3		Reserved for development

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

				Allocate Queue Monitoring Data.	
				This Monitor Definition entry is used to monitor	
				jobs that are waiting in the MDS Allocate queue	
				for some resource to become available. The job will	
				only be displayed if it is waiting for devices,	
				volumes, or data sets to become available, waiting	
				for a volume mount that was initiated by another job,	
				or waiting for a device fence to become available.	
				A job will not be displayed if it is waiting for	
				something like a class to be enabled.	
				Recommendations	

				This monitoring routine is not automatically 0	
				activated because it can be normal for jobs to 0	
				spend large amounts of time in the allocate queue 0	
				when requestng tape mounts. 0	
				This monitoring routine should only be activated	
				if you are using JES3 setup. If the number of jobs	
				in the allocate queue is large, you should set the	
				COUNT parameter to something like 10 so that only	
				the 10 longest jobs will be displayed.	
				0	
				Note that since jobs can spend time in the allocate 0	
				queue without a problem necessarily existing, you 0	
				should activate this monitoring routine only if you 0	
				are experiencing this condition excessively and you 0	
				need to measure it to determine where and when the 0	
				problem lies. 0	

				$SI=z1.5.0 HJS7708 021211 PD0PK: z 1.5.0 0	
				, MNTRDEF DESC='WAITING IN ALLOCATION',	
				, INTERVAL=0,	
				, THRESHOLD=0,	
				, COUNT=ALL,	
				, ROUTINE=MNALLOCQ,	
				, SUMMARY=YES,	
				, LAST=NO	
				End of Comment	
1088	(440)	SIGNED	4	ALLOCQ (0)	
1088	(440)	CHARACTER	8		Identifier
1096	(448)	CHARACTER	40		
				Comment	
				Resource/queue description	
				End of Comment	
1136	(470)	ADDRESS	4		Interval value in seconds 0051
1140	(474)	ADDRESS	4		
				Comment	
				Interval value in hundredths0 of a second	
				End of Comment	
1144	(478)	SIGNED	4		Interval time remaining (initialized to zero)
1148	(47C)	ADDRESS	4		Threshold value in seconds 0051
1152	(480)	ADDRESS	4		Threshold value in clock units
1156	(484)	SIGNED	4		Display all jobs/FCTs that are over the threshold

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1160	(488)	ADDRESS	4		Address of routine to get control when monitoring interval expires
1164	(48C)	BITSTRING	1		Flag byte one, SUMMARY=YES was specified
1165	(48D)	BITSTRING	3		Reserved for development

Comment

```
-----------------------------------------------------------------
      Verify Queue Monitoring Data.
      This Monitor Definition entry is used to monitor
      jobs that are waiting in the MDS verify queue for
      one or more volume mounts to complete.
      Recommendations
      ---------------
      This monitoring routine should only be activated
      if you are using JES3 setup. If your installation
      has some type of response time objectives for
      mounting volumes, you may want to activate this
      monitoring routine. For example, if you promise
      your users 10 minute response time for volume mounts
      you may want to set the THRESHOLD value to 10 so
      that any job that has been waiting 10 minutes or
      more will be displayed.
-----------------------------------------------------------------
      $SI=z1.5.0 HJS7708 021211 PD0PK: z 1.5.0 0
, MNTRDEF DESC='WAITING IN VERIFY',
, INTERVAL=0,
, THRESHOLD=0,
, COUNT=ALL,
, ROUTINE=MNVERFYQ,
, SUMMARY=YES,
, LAST=NO
```

End of Comment

1168	(490)	SIGNED	4	VERIFYQ (0)	
1168	(490)	CHARACTER	8		Identifier
1176	(498)	CHARACTER	40		

Comment

Resource/queue description

End of Comment

1216	(4C0)	ADDRESS	4		Interval value in seconds 0051
1220	(4C4)	ADDRESS	4		

Comment

Interval value in hundredths0
of a second

End of Comment

1224	(4C8)	SIGNED	4		Interval time remaining (initialized to zero)
1228	(4CC)	ADDRESS	4		Threshold value in seconds 0051
1232	(4D0)	ADDRESS	4		Threshold value in clock units
1236	(4D4)	SIGNED	4		Display all jobs/FCTs that are over the threshold
1240	(4D8)	ADDRESS	4		Address of routine to get control when monitoring interval expires
1244	(4DC)	BITSTRING	1		Flag byte one, SUMMARY=YES was specified
1245	(4DD)	BITSTRING	3		Reserved for development

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

Comment

```
-------------------------------------------------------------
        System Verify Queue Monitoring Data.
        This Monitor Definition entry is used to monitor
        jobs that are in the MDS System Verify queue.
        Recommendations
        ---------------
        This monitoring routine is automatically activated. 0
        You can deactivate it if you are not using JES3 0
        setup for SMS managed data sets, although there is 0
        no harm in leaving it activated. 0
        If you use JES3 in this way, this monitoring routine 0
        should always be left activated since jobs 0
        are not supposed to remain on the system verify
        queue for any length of time. Therefore, set the
        INTERVAL value to scan the queue every 5-10 minutes 0
        and set the THRESHOLD value to a very low value
        (0 or 1).
-------------------------------------------------------------
        $SI=z1.5.0 HJS7708 021211 PD0PK: z 1.5.0 0
, MNTRDEF DESC='WAITING IN SYSTEM VERIFY',
, INTERVAL=5,
, THRESHOLD=1,
, COUNT=ALL,
, ROUTINE=MNSYSVRQ,
, SUMMARY=YES,
, LAST=NO
```

End of Comment

Dec	Hex	Type/Value	Len	Name (Dim)	Description
1248	(4E0)	SIGNED	4	SYSVERQ (0)	
1248	(4E0)	CHARACTER	8		Identifier
1256	(4E8)	CHARACTER	40		

Comment

Resource/queue description

End of Comment

Dec	Hex	Type/Value	Len	Name (Dim)	Description
1296	(510)	ADDRESS	4		Interval value in seconds 0051
1300	(514)	ADDRESS	4		

Comment

Interval value in hundredths0
of a second

End of Comment

Dec	Hex	Type/Value	Len	Name (Dim)	Description
1304	(518)	SIGNED	4		Interval time remaining (initialized to zero)
1308	(51C)	ADDRESS	4		Threshold value in seconds 0051
1312	(520)	ADDRESS	4		Threshold value in clock units
1316	(524)	SIGNED	4		Display all jobs/FCTs that are over the threshold
1320	(528)	ADDRESS	4		Address of routine to get control when monitoring interval expires
1324	(52C)	BITSTRING	1		Flag byte one, SUMMARY=YES was specified
1325	(52D)	BITSTRING	3		Reserved for development

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		---------- DSP Wait Queue Monitoring Data. This Monitor Definition entry is used to monitor jobs that are waiting for a particular DSP to become available. In this case, the COUNT value that is specified indicates the number of jobs that should be displayed for each DSP. For example, if there are ten DSPs that have jobs waiting, then ten sets of messages will be displayed. Recommendations: ---------- This monitoring routine is automatically activated. 0 You can deactivate it if you do not code on the 0 SETPARAM statement SMSSETUP=YES, although there 0 is no harm leaving it activated. 0 The COUNT value should be set to a low value or SUMMARY=ONLY should be specified in order to reduce the number of messages that are issued. Otherwise, if you specify COUNT=ALL and you have a large backlog of jobs waiting for C/I processing, alot of messages will be issued. ---------- $SI=z1.5.0 HJS7708 021211 PD0PK: z 1.5.0 0 , MNTRDEF DESC='WAITING FOR A DSP', , INTERVAL=5, , THRESHOLD=5, , COUNT=ALL, , ROUTINE=MNDSPWT, , SUMMARY=ONLY, , LAST=NO			
		End of Comment			
1328	(530)	SIGNED	4	DSPWAIT (0)	
1328	(530)	CHARACTER	8		Identifier
1336	(538)	CHARACTER	40		
		Comment			
		Resource/queue description			
		End of Comment			
1376	(560)	ADDRESS	4		Interval value in seconds 0051
1380	(564)	ADDRESS	4		
		Comment			
		Interval value in hundredths0 of a second			
		End of Comment			
1384	(568)	SIGNED	4		Interval time remaining (initialized to zero)
1388	(56C)	ADDRESS	4		Threshold value in seconds 0051
1392	(570)	ADDRESS	4		Threshold value in clock units
1396	(574)	SIGNED	4		Display all jobs/FCTs that are over the threshold
1400	(578)	ADDRESS	4		Address of routine to get control when monitoring interval expires
1404	(57C)	BITSTRING	1		Flag byte one, SUMMARY=ONLY was specified
1405	(57D)	BITSTRING	3		Reserved for development

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

```
------------------------------------------------------------------
      JSS Wait Queue Monitoring Data.
      This Monitor Definition entry is used to monitor
      jobs that are on some type of Job Segment Scheduler
      (JSS) wait queue waiting for some event to occur or
      for some resource to become available. This
      includes the following:
      (1) Jobs waiting for a proclib to become available.
          For example, someone is updating a proclib and
          there are jobs queued for C/I processing that
          need to use the proclib.
      (2) Jobs waiting for main, class, or group to
          become available.
      (3) Jobs waiting for SMS managed user catalogs to
          become available. For example, the job requires
          a particular user catalog and the storage group
          where the user catalog resides is disabled.
      (4) Jobs waiting for main to become available for
          catalog locate.
      The COUNT value that is specified indicates the
      the number of jobs that should be displayed for
      each resource or event. For example, if there are
      jobs waiting for a proclib and jobs waiting for
      a locate main, two sets of messages will be issued.
      Recommendations:
      ----------------
      This monitoring routine is automatically activated. 0
      It is used typically to monitor situations that 0
      involve the JES3 proclib update facility or 0
      if your catalogs are managed by DFSMS, although 0
      there is no harm in leaving it active at all times. 0
      The COUNT value should be set to a low value or
      SUMMARY=ONLY should be specified in order to reduce
      the number of messages that are issued.
      Otherwise, if you specify COUNT=ALL and you have a
      large backlog of jobs waiting for a main, class, or
      group, alot of messages will be issued.
------------------------------------------------------------------
      $SI=z1.5.0 HJS7708 021211 PD0PK: z 1.5.0 0
, MNTRDEF DESC='WAITING FOR A RESOURCE OR EVENT',
, INTERVAL=5,
, THRESHOLD=5,
, COUNT=ALL,
, ROUTINE=MNJSSWT,
, SUMMARY=ONLY,
, LAST=NO
```

				End of Comment	
1408	(580)	SIGNED	4	JSSWAIT (0)	
1408	(580)	CHARACTER	8		Identifier
1416	(588)	CHARACTER	40		
				Comment	
		Resource/queue description			
				End of Comment	
1456	(5B0)	ADDRESS	4		Interval value in seconds 0051
1460	(5B4)	ADDRESS	4		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		Interval value in hundredths of a second0			
		End of Comment			
1464	(5B8)	SIGNED	4		Interval time remaining (initialized to zero)
1468	(5BC)	ADDRESS	4		Threshold value in seconds 0051
1472	(5C0)	ADDRESS	4		Threshold value in clock units
1476	(5C4)	SIGNED	4		Display all jobs/FCTs that are over the threshold
1480	(5C8)	ADDRESS	4		Address of routine to get control when monitoring interval expires
1484	(5CC)	BITSTRING	1		Flag byte one, SUMMARY=ONLY was specified
1485	(5CD)	BITSTRING	3		Reserved for development
		Comment			
		---------- Ending Function Waiting For I/O Monitoring Data This Monitor Definition entry is used to monitor jobs that are on the ending function I/O wait queue. When a job completes a JES3 function such as C/I, the Job Segement Scheduler (JSS) checks whether anybody is still using the job's control blocks. If so, the job is suspended and does not get scheduled for the next JES3 phase. Normally, the function that is using the job's control blocks finishes and releases the job's control blocks within a short period of time. When this occurs, the job can then be scheduled for the next phase of JES3 processing. However, if the function does not perform the proper cleanup or abends while accessing the job's control blocks, control blocks may never be released until JES3 is restarted. Recommendations ---------- This monitoring routine is automatically activated. 0 It should be left active at all times. 0 There is no need to constantly check this queue so a fairly large INTERVAL value like 30 minutes should be specified. However, the THRESHOLD value should be set to 1 minute because any job that has been waiting on this queue for that long is most likely going to remain there until the next JES3 restart. ---------- $SI=z1.5.0 HJS7708 021211 PD0PK: z 1.5.0 0 , MNTRDEF DESC='ENDING FUNCTION WAITING FOR I/O', , INTERVAL=30, , THRESHOLD=1, , COUNT=ALL, , ROUTINE=MNIOWAIT, , SUMMARY=YES, , LAST=YES				
		End of Comment			
1488	(5D0)	SIGNED	4	IOWAIT (0)	
1488	(5D0)	CHARACTER	8		Identifier
1496	(5D8)	CHARACTER	40		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		Resource/queue description			
				End of Comment	
1536	(600)	ADDRESS	4		Interval value in seconds 0051
1540	(604)	ADDRESS	4		
				Comment	
		Interval value in hundredths0 of a second			
				End of Comment	
1544	(608)	SIGNED	4		Interval time remaining (initialized to zero)
1548	(60C)	ADDRESS	4		Threshold value in seconds 0051
1552	(610)	ADDRESS	4		Threshold value in clock units
1556	(614)	SIGNED	4		Display all jobs/FCTs that are over the threshold
1560	(618)	ADDRESS	4		Address of routine to get control when monitoring interval expires
1564	(61C)	BITSTRING	1		Flag byte one, SUMMARY=YES was specified
1565	(61D)	BITSTRING	3		Reserved for development
1568	(620)	BITSTRING	4		End of table
				Comment	
		End of Monitor FCT Data Area			
				End of Comment	
1572	(624)	SIGNED	4	MNTEND (0)	End of Monitor FCT Data Area
1572	(624)	X'624'	0	MNTSIZE	"*-MNTSTART" Size of Monitor FCT Data Area

IATYMNTR Cross Reference

Name

ACEN6394
ALLOCQ
CIFSS
CNT6400
DEVN6397
DSPWAIT
FCTN6397
HRS6398
IAT6394
IAT6395
IAT6396
IAT6397
IAT6398
IAT6399
IAT6400
IAT6401
IAT6402
ID6400
INTV6400
IOWAIT
JBID6396
JBNM6396
JB6396MN
JSSWAIT
LEN6394

Name

LEN6395
LEN6396
LEN6396M
LEN6397
LEN6398
LEN6399
LEN6400
LEN6401
LEN6402
LOCATE
MINS6398
MNTATIME
MNTATIMX
MNTCANCM
MNTCLEND
MNTCLSIZ
MNTCNTF
MNTCURTM
MNTDEFEN
MNTDISPF
MNTEND
MNTFLAG1
MNTID
MNTIDF
MNTINTMD
MNTINTVF
MNTINTVL
MNTMESSG
MNTMRTCR
MNTMRT1S
MNTORDCT
MNTORD1S
MNTOVRTT
MNTPVMRE
MNTRS101
MNTRS102
MNTRS104
MNTSCMEN
MNTSCMST
MNTSCMSZ
MNTSCNT
MNTSFLG1
MNTSID
MNTSINTV
MNTSIZE
MNTSPARM
MNTSRS01
MNTSRS02
MNTSSUMM
MNTSTART
MNTSTHRS
MNTSTRCM
MNTSUMMF
MNTSVALU
MNTTERM
MNTTHRSF
MNTTOTCT
MNTUSETM
NREQ6395
REAS6401

Name

RESOURCE
SECS6398
STAT6400
SUMM6400
SYSSELQ
SYSVERQ
THRS6400
VERIFYQ
WAIT6395
WAIT6396
WAIT6397

IATYMOD Information

IATYMOD Programming Interface information

Programming Interface information

IATYMOD

End of Programming Interface information

IATYMOD Heading Information

Common Name: JES3 MODULE ENTRY POINT IDENTIFIER
Macro ID: IATYMOD
DSECT Name: N/A
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: None
Function: IATYMOD CAUSES GENERATION OF A STANDARD
SET OF IDENTIFYING VALUES - THE NAME OF
THE CURRENT CSECT OR OTHER MODULE ID,
THE RELEASE LEVEL, THE ASSEMBLY DATE,
ASSEMBLY TIME AND ADDRESS OF APARNUM.
A DSECT WHICH ALLOWS SYMBOLIC REFERENCE
TO THE ID VALUES MAY ALSO BE REQUESTED.

NOTES = THE FIRST 30 BYTES OF IATJSLV MUST BE MAPPED AS FOLLOWS:

IATYMOD_BR_NO DSECT

MODNAME DS CL8 MODULE NAME

RELEASE DS CL8 RELEASE LEVEL

DATE DS CL8 DATE OF MOD ASSEM

TIME DS CL6 TIME OF MOD ASSEM

MACROS = IATZMNOT IXZXENVR

IATYMOD Map

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

IATYMOOS Information

IATYMOOS Programming Interface information

Programming Interface information

IATYMOOS

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

- MOOSREGE
- MOOSR012
- MOOSSAVE

End of Programming Interface information

IATYMOOS Heading Information

Common Name: DATA AREA PARAMETER LIST FOR IATMOOS/IATMOOI
Macro ID: IATYMOOS
DSECT Name: MOOS
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: MOOS
Offset: MOOSID
Length: 4
Storage Attributes: Auxiliary Storage: N/A
Subpool: 0 (JESPOOL)
Key: 1 (JESKEY)
Residency: ANY
Size: MOOSSIZE
Created by: IATMOOS
Pointed to by: R13 IN IATMOOS/IATMOOI,
MOOSNEXT in IATYMOOS
Serialization: NONE
Function: THIS AREA MAPS THE PARAMETER LIST USED BY IATMOOS TO COMMUNICATE WITH THE OUTPUT SERVICE MODIFY IMPLEMENTATION FCT MODULE IATMOOI.

IATYMOOS Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	MOOS	
0	(0)	SIGNED	4	MOOSSTRT (0)	
0	(0)	CHARACTER	4	MOOSID	IDENTIFIER
4	(4)	ADDRESS	4	MOOSNEXT	Address of next MOOS on the queue
8	(8)	SIGNED	4	MOOSTSIZ	Total size of storage which includes IATYMOOS plus a WSP
12	(C)	SIGNED	4	MOOSRSV1	Reserved for dev/service
16	(10)	SIGNED	4	MOOSLNCT	LINE LIMIT
20	(14)	SIGNED	4	MOOSPGCT	PAGE LIMIT
24	(18)	SIGNED	4	MOOSBYCT	Byte limit 16
24	(18)	X'3'	0	MAXPARM	"3" MAX NUMBER OF PARMS FOR H= WHEN MULTIPLE PARAMETERS ARE SPECIFIED.

Comment

THESE MASKS INDICATE THE KEYWORDS SPECIFIED ON 0
THE INPUT COMMAND TO BE USED AS THE SELECTION 0
CRITERIA OF THE JES3 JOB.

End of Comment

28	(1C)	BITSTRING	8	MOOSIMSK (0)	SELECTION MASK
28	(1C)	BITSTRING	1	MOOSIMK0	1ST BYTE
		1...		MOOSIJNA	"X'80'" SELECT BY JOB NAME
		.1..		MOOSIJNO	"X'40'" SELECT BY JOB NUMBER
		..1.		MOOSIDG	"X'20'" SELECT BY DEVICE GROUP
		...1		MOOSIPTY	"X'10'" SELECT BY PRIORITY
		.... 1...		MOOSIDST	"X'08'" SELECT BY DESTINATION
		.... .1..		MOOSIGTY	"X'04'" SELECT BY GENERAL TYPE
		.... ..1.		MOOSISTY	"X'02'" SELECT BY SPECIFIC TYPE
		1		MOOSIFRM	"X'01'" SELECT BY FORMS
29	(1D)	BITSTRING	1	MOOSIMK1	2ND BYTE
		1...		MOOSIFCB	"X'80'" SELECT BY FCB
		.1..		MOOSIUCS	"X'40'" SELECT BY UCS
		..1.		MOOSICLS	"X'20'" SELECT BY CLASS
		...1		MOOSIUID	"X'10'" SELECT BY USER ID
		.... 1...		MOOSICHR	"X'08'" SELECT BY CHARS
		.... .1..		MOOSIFLS	"X'04'" SELECT BY FLASH

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... ..1.		MOOSICPM	"X'02'" SELECT BY COPY MOD
		1		MOOSISTK	"X'01'" SELECT BY STACKER
30	(1E)	BITSTRING	1	MOOSIMK2	3RD BYTE
		1...		MOOSIDDN	"X'80'" SELECT BY DD NAME
		.1..		MOOSILCN	"X'40'" SELECT BY LINE COUNT
		..1.		MOOSIHDY	"X'20'" SELECT BY HOLD TYPE(S)
		...1		MOOSIHDN	"X'10'" SELECT BY HOLD=N
		.... 1...		MOOSIWTR	"X'08'" SELECT BY EXT. WRITER NAME
		.... .1..		MOOSIDSD	"X'04'" SELECT BY DSID
		.... ..1.		MOOSIBGP	"X'02'" SELECT BY BDT GROUP ID
		1		MOOSIBTP	"X'01'" SELECT BY BDT TYPE
31	(1F)	BITSTRING	1	MOOSIMK3	4TH BYTE
		1...		MOOSICPC	"X'80'" SELECT BY COPY COUNT
		.1..		MOOSIPM	"X'40'" SELECT BY PROCESS MOD
		..1.		MOOSIPG	"X'20'" SELECT BY NUMBER OF PAGES
		...1		MOOSITRM	"X'10'" SELECT BY TERMINAL NAME
		.... 1...		MOOSIAGE	"X'08'" SELECT BY DATA SET AGE
		.... .1..		MOOSIDSN	"X'04'" SELECT BY DATASET NAME DSN=
		.... ..1.		MOOSISL	"X'02'" SELECT BY SECLABL=
		1		MOOSIAPC	"X'01'" SELECT BY APPC TRANSACTION
32	(20)	BITSTRING	1	MOOSIMK4	FIFTH BYTE
		1...		MOOSIOTB	"X'80'" SELECT BY OUTBIN ID 0146
		.1..		MOOSIBY	"X'40'" Select by number of bytes
		..1.		MOOSIIPA	"X'20'" Select by IP address
		...1		MOOSIFMD	"X'10'" Select by FORMDEF
		.... 1...		MOOSIPGD	"X'08'" Select by PAGEDEF
		.... .1..		MOOSICJ	"X'04'" Select by client job CJ=
		.... ..1.		MOOSICJI	"X'02'" Select by client job id
		1		MOOSICJN	"X'01'" Select by client job name
33	(21)	BITSTRING	1	MOOSIMK5	Sixth byte
		1...		MOOSITGP	"X'80'" Select by TCP/IP group id
		.1..		MOOSITTP	"X'40'" Select by TCP/IP type
		..1.		MOOSITKN	"X'20'" Select by OSE token (TK=) 10066S2C
		...1		MOOSI510	"X'10'" Reserved for IBM
		.... 1...		MOOSI508	"X'08'" Reserved for IBM
		.... .1..		MOOSI504	"X'04'" Reserved for IBM
		.... ..1.		MOOSI502	"X'02'" Reserved for IBM
		1		MOOSI501	"X'01'" Reserved for IBM
34	(22)	BITSTRING	1	MOOSIMK6	RESERVED FOR DEV./SERVICE
35	(23)	BITSTRING	1	MOOSIMK7	RESERVED FOR DEV./SERVICE

Comment

THIS FULLWORD INDICATES THE KEYWORDS SPECIFIED
ON THE INPUT COMMAND TO BE USED FOR CHANGES
REQUIRED OF THE SPECIFIED JES3 JOB(S).

End of Comment

36	(24)	BITSTRING	4	MOOSOMSK (0)	OUTPUT MASK
36	(24)	BITSTRING	1	MOOSOMK0	1ST BYTE
		1...		MOOSOCLS	"X'80'" CHANGE CLASS
		.1..		MOOSOPTY	"X'40'" CHANGE PRIORITY
		..1.		MOOSOFRM	"X'20'" CHANGE FORMS
		...1		MOOSODST	"X'10'" CHANGE DESTINATION
		.... 1...		MOOSOSPT	"X'08'" CHANGE SPECIFIC TYPE
		.... .1..		MOOSOHLD	"X'04'" CHANGE HOLD
		.... ..1.		MOOSOFCB	"X'02'" CHANGE FCB
		1		MOOSOUCS	"X'01'" CHANGE UCS
37	(25)	BITSTRING	1	MOOSOMK1	2ND BYTE
		1...		MOOSOCHR	"X'80'" CHANGE CHARACTERS
		.1..		MOOSOFLS	"X'40'" CHANGE FLASH
		..1.		MOOSOCPM	"X'20'" CHANGE COPY MOD
		...1		MOOSOSTK	"X'10'" CHANGE STACKER

IATYMOOS Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... 1...		MOOSOCAN	"X'08'" CHANGE CANCEL
		.... .1..		MOOSONCP	"X'04'" CHANGE NCP
		.... ..1.		MOOSONQ	"X'02'" CHANGE NQ
		1		MOOSOWTR	"X'01'" CHANGE WRITER NAME
38	(26)	BITSTRING	1	MOOSOMK2	3RD BYTE
		1...		MOOSODSD	"X'80'" CHANGE DSID
		.1..		MOOSOPM	"X'40'" CHANGE PROCESS MODE
		..1.		MOOSORDT	"X'20'" RESET SEC. DESTINATION
		...1		MOOSOOTB	"X'10'" CHANGE OUTBIN ID 0146
		.... 1...		MOOSOIPA	"X'08'" Change IP address
		.... .1..		MOOSOFMD	"X'04'" Change FORMDEF
		.... ..1.		MOOSOPGD	"X'02'" Change PAGEDEF
		1		MOOSORS7	"X'01'" UNUSED
39	(27)	BITSTRING	1	MOOSOMK3	4TH BYTE
		1...		MOOSORS8	"X'80'" UNUSED
		.1..		MOOSORS9	"X'40'" UNUSED
		..1.		MOOSORSA	"X'20'" UNUSED
		...1		MOOSORSB	"X'10'" UNUSED
		.... 1...		MOOSORSC	"X'08'" UNUSED
		.... .1..		MOOSORSD	"X'04'" UNUSED
		.... ..1.		MOOSORSE	"X'02'" UNUSED
		1		MOOSORSF	"X'01'" UNUSED
40	(28)	BITSTRING	4	MOOSRVS2	RESERVED FOR SERVICE

Comment

```
OOSCNSL IATYCNDB DSECT=NO CALLING CONSOLE'S 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
 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
```

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: 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

Dec	Hex	Type/Value	Len	Name (Dim)	Description
44	(2C)	SIGNED	4	MOOSCNSL (0)	IATYCNDB.27: based variable for storage mapping
44	(2C)	SIGNED	4		Four byte console id 0176
48	(30)	CHARACTER	4		IATYCNDB eyecatcher
52	(34)	ADDRESS	4		IATYCNDB version
56	(38)	BITSTRING	8		Reserved for development
64	(40)	BITSTRING	8		Console Name 0176
72	(48)	BITSTRING	24		Reserved for development
96	(60)	SIGNED	2		Reserved for development
98	(62)	BITSTRING	40		Reserved for development

Comment

OOSCNS IATYCNDB DSECT=NO CONS= RESP CONSOLE'S 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

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: 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

140	(8C)	SIGNED	4	MOOSCNS (0)	IATYCNDB.27: based variable for storage mapping
140	(8C)	SIGNED	4		Four byte console id 0176
144	(90)	CHARACTER	4		IATYCNDB eyecatcher
148	(94)	ADDRESS	4		IATYCNDB version
152	(98)	BITSTRING	8		Reserved for development
160	(A0)	BITSTRING	8		Console Name 0176
168	(A8)	BITSTRING	24		Reserved for development
192	(C0)	SIGNED	2		Reserved for development
194	(C2)	BITSTRING	40		Reserved for development
234	(EA)	BITSTRING	8	MOOSCONS	CONSOLE NAME
242	(F2)	CHARACTER	8	MOOSCART	CART OF THE COMMAND ISSUER
250	(FA)	BITSTRING	8	MOOSJID	JOB IDENTIFIER (NAME/NUMBER)
260	(104)	SIGNED	4	MOOSJOBB	BINARY JOB NUMBER
264	(108)	BITSTRING	8	MOOSDEST	DESTINATION (PRIMARY) D003
272	(110)	BITSTRING	8	MOOSDST2	DESTINATION (SECONDARY) D003
280	(118)	BITSTRING	8	MOOSXWTR	EXTERNAL WRITER NAME
288	(120)	BITSTRING	8	MOOSDSID	DATA SET ID
296	(128)	BITSTRING	8	MOOSFORM	FORMS
304	(130)	BITSTRING	8	MOOSCARR	CARRAIGE TAPE/ FCB ID
312	(138)	BITSTRING	8	MOOSURID	USER ID

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
320	(140)	BITSTRING	8	MOOSLINE	LINE COUNT
328	(148)	BITSTRING	8	MOOSPAGE	PAGE COUNT
336	(150)	BITSTRING	8	MOOSBYTE	Byte count
344	(158)	BITSTRING	8	MOOSDG	DEVICE GROUP NAME
352	(160)	BITSTRING	8	MOOSPM	PROCESS MODE
360	(168)	BITSTRING	8	MOOSGPID	BDT GROUP IDENTIFIER
368	(170)	BITSTRING	4	MOOSOTBN	OUTBIN ID 0146
372	(174)	BITSTRING	124	MOOSIPAD	IP address
496	(1F0)	BITSTRING	6	MOOSFRMD	FORMDEF
502	(1F6)	BITSTRING	6	MOOSPAGD	PAGEDEF
508	(1FC)	CHARACTER	8	MOOSTCID	TCP group identifier
516	(204)	BITSTRING	8	MOOSSL	SECLABL
524	(20C)	CHARACTER	6	MOOSNSTR	BDT network stream type
530	(212)	BITSTRING	4	MOOSCHAR (4)	CHARS
546	(222)	BITSTRING	4	MOOSFLSH	FLASH ID
550	(226)	BITSTRING	4	MOOSUCS	UCS ID
554	(22A)	BITSTRING	4	MOOSQUE	QUE TO SEARCH
558	(22E)	BITSTRING	4	MOOSRSV5	RESERVED FOR USER
562	(232)	BITSTRING	24	MOOSDD	DDNAME

Comment

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.

End of Comment

586	(24A)	BITSTRING	1	MOOSDSN (0)	
586	(24A)	BITSTRING	8	MOOSDSNU	USERID (IN JDS)
594	(252)	BITSTRING	8	MOOSDSNN	JOB NAME (IN JDS)
602	(25A)	BITSTRING	8	MOOSDSNJ	JOBID (IN JDS)
610	(262)	BITSTRING	8	MOOSDSNB	DS NUMBER (IN JDS)
618	(26A)	BITSTRING	8	MOOSDSNM	DS NAME (IN JDS) END OF DSNAME LIST
626	(272)	BITSTRING	3	MOOSGT	GENERAL TYPE
629	(275)	BITSTRING	5	MOOSST	SPECIFIC TYPE
634	(27A)	BITSTRING	3	MOOSCPTY	PRIORITY IN CHARACTER
637	(27D)	BITSTRING	1	MOOSBPTY	PRIORITY
638	(27E)	BITSTRING	3	MOOSCCPY	COPIES IN CHARACTER
641	(281)	BITSTRING	1	MOOSBCPY	COPIES
642	(282)	BITSTRING	4	MOOSCM	COPY MODIFICATION
642	(282)	X'286'	0	MOOSRC	"MOOSCM+4,1,X'00'"
647	(287)	BITSTRING	1	MOOSSS	STACKER
648	(288)	SIGNED	2	MOOSSEQ	DDNAME SEQUENCE NUMBER
650	(28A)	BITSTRING	1	MOOSH	HOLD STATUS
651	(28B)	BITSTRING	1	MOOSHTYP	HOLD TYPE(S)
652	(28C)	BITSTRING	1	MOOSCL	CLASS
653	(28D)	BITSTRING	1	MOOSRSVD	PADDING D014
654	(28E)	CHARACTER	8	MOOSAPC	VALUE CODED ON APPC KWD D014
662	(296)	BITSTRING	1	MOOSINDX	IATMOOI message rtn index
663	(297)	BITSTRING	1	MOOSRVS7	Reserved for service
664	(298)	ADDRESS	4	MOOSRETA	MOOSPRSE routine address
668	(29C)	CHARACTER	8	MOOSCJ	Value coded on CJ= keyword
676	(2A4)	CHARACTER	8	MOOSCJID	Value coded on CJID= keyword
684	(2AC)	CHARACTER	8	MOOSCJNM	Value coded on CJNM= keyword
692	(2B4)	CHARACTER	6	MOOSTSTR	TCP network stream type
698	(2BA)	BITSTRING	6	MOOSRSV9	Reserved for IBM 10066S2A
704	(2C0)	CHARACTER	32	MOOSTK	OSE token in EBCDIC 10066S2A
736	(2E0)	BITSTRING	16	MOOSTKBN	OSE token in binary 10066S2A
736	(2E0)	SIGNED	4	MOOSTKTS	- Partial time stamp (bits 10066S2A 2-5 of STCK value) 10066S2A
740	(2E4)	SIGNED	4	MOOSTKBF	- OSE buffer number 10066S2A
744	(2E8)	SIGNED	2	MOOSTKVO	- OSE variable sec. offset 10066S2A

IATYMOOS Cross Reference

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
746	(2EA)	SIGNED	2	MOOSTKDO	- OSE data set sec. offset 10066S2A
752	(2F0)	BITSTRING	8	MOOSTK2	New OSE information if OSE 10066S2A is split while processing 10066S2A by OSE token 10066S2A
752	(2F0)	SIGNED	4	MOOSTKB2	- New OSE buffer number 10066S2A
756	(2F4)	SIGNED	2	MOOSTKV2	- New OSE var sect offset 10066S2A
758	(2F6)	SIGNED	2	MOOSTKD2	- New OSE ds sect offset 10066S2A
760	(2F8)	BITSTRING	64	MOOSRVS3	Reserved for service
				Comment	
				DATA QUEUE CHANGES	
				End of Comment	
824	(338)	CHARACTER	4	MOOSQID	DQE IDENTIFIER
828	(33C)	BITSTRING	8	MOOSND	NEW DESTINATION
836	(344)	BITSTRING	8	MOOSNF	NEW FORMS
844	(34C)	BITSTRING	8	MOOSNC	NEW CARRIAGE TAPE/FCB
852	(354)	BITSTRING	8	MOOSNW	NEW WRITER NAME
860	(35C)	BITSTRING	8	MOOSNDSI	NEW DSID
868	(364)	BITSTRING	8	MOOSNPM	NEW PROCESS MODE NAME
876	(36C)	BITSTRING	4	MOOSNU	NEW UCS ID
880	(370)	BITSTRING	4	MOOSNCH (4)	NEW CHARS
896	(380)	BITSTRING	4	MOOSNFL	NEW FLASH
900	(384)	BITSTRING	4	MOOSNCM	NEW COPY MODIFICATION
900	(384)	X'388'	0	MOOSNRC	"MOOSNCM+4,1,X'00'"
905	(389)	BITSTRING	1	MOOSNSS	NEW STACKER
906	(38A)	BITSTRING	1	MOOSNH	NEW HOLD STATUS
907	(38B)	BITSTRING	3	MOOSNPTY	
910	(38E)	ADDRESS	1	MOOSNP	NEW PRIORITY
911	(38F)	BITSTRING	3	MOOSNCPY	
914	(392)	BITSTRING	1	MOOSNCP	NEW COPIES
915	(393)	BITSTRING	1	MOOSNCL	NEW SYSOUT CLASS
916	(394)	BITSTRING	5	MOOSNST	NEW DEVICE TYPE
921	(399)	BITSTRING	1	MOOSRSV6	RESERVED FOR DEVELOPMENT
922	(39A)	BITSTRING	4	MOOSNOB	NEW OUTBIN ID 0146
926	(39E)	BITSTRING	124	MOOSNIPA	New IP address
1050	(41A)	BITSTRING	6	MOOSNFMD	New FORMDEF
1056	(420)	BITSTRING	6	MOOSNPGD	New PAGEDEF
1064	(428)	SIGNED	4	MOOSCEND (0)	END OF COMMON SECTION 0266
1064	(428)	X'428'	0	MOOSCLEN	"MOOSCEND-MOOSSTRT" LENGTH OF COMMON SECTION 0266

IATYMOOS Cross Reference

Name

MAXPARM
MOOS
MOOSAPC
MOOSBCPY
MOOSBPTY
MOOSBYCT
MOOSBYTE
MOOSCARR
MOOSCART
MOOSCCPY
MOOSCEND
MOOSCHAR
MOOSCJ
MOOSCJID
MOOSCJNM

Name

MOOSCL
MOOSCLEN
MOOSCM
MOOSCNS
MOOSCNSL
MOOSCONS
MOOSCPTY
MOOSDD
MOOSDEST
MOOSDG
MOOSDSID
MOOSDSN
MOOSDSNB
MOOSDSNJ
MOOSDSNM
MOOSDSNN
MOOSDSNU
MOOSDST2
MOOSFLSH
MOOSFORM
MOOSFRMD
MOOSGPID
MOOSGT
MOOSH
MOOSHTYP
MOOSIAGE
MOOSIAPC
MOOSIBGP
MOOSIBTP
MOOSIBY
MOOSICHR
MOOSICJ
MOOSICJI
MOOSICJN
MOOSICLS
MOOSICPC
MOOSICPM
MOOSID
MOOSIDDN
MOOSIDG
MOOSIDSD
MOOSIDSN
MOOSIDST
MOOSIFCB
MOOSIFLS
MOOSIFMD
MOOSIFRM
MOOSIGTY
MOOSIHDN
MOOSIHDY
MOOSIIPA
MOOSIJNA
MOOSIJNO
MOOSILCN
MOOSIMK0
MOOSIMK1
MOOSIMK2
MOOSIMK3
MOOSIMK4
MOOSIMK5

Name

MOOSIMK6
MOOSIMK7
MOOSIMSK
MOOSINDX
MOOSIOTB

MOOSIPAD
MOOSIPG
MOOSIPGD
MOOSIPM
MOOSIPTY

MOOSISL
MOOSISTK
MOOSISTY
MOOSITGP
MOOSITKN

MOOSITRM
MOOSITTP
MOOSIUCS
MOOSIUID
MOOSIWTR

MOOSI501
MOOSI502
MOOSI504
MOOSI508
MOOSI510

MOOSJID
MOOSJOBB
MOOSLINE
MOOSLNCT
MOOSNC

MOOSNCH
MOOSNCL
MOOSNCM
MOOSNCP
MOOSNCPY

MOOSND
MOOSNDSI
MOOSNEXT
MOOSNF
MOOSNFL

MOOSNFMD
MOOSNH
MOOSNIPA
MOOSNOB
MOOSNP

MOOSNPGD
MOOSNPM
MOOSNPTY
MOOSNRC
MOOSNSS

MOOSNST
MOOSNSTR
MOOSNU
MOOSNW
MOOSOCAN

MOOSOCHR
MOOSOCLS
MOOSOCPM
MOOSODSD
MOOSODST

Name

MOOSOFCB
MOOSOFLS
MOOSOFMD
MOOSOFRM
MOOSOHLD
MOOSOIPA
MOOSOMK0
MOOSOMK1
MOOSOMK2
MOOSOMK3
MOOSOMSK
MOOSONCP
MOOSONQ
MOOSOOTB
MOOSOPGD
MOOSOPM
MOOSOPTY
MOOSORDT
MOOSORSA
MOOSORSB
MOOSORSC
MOOSORSD
MOOSORSE
MOOSORSF
MOOSORS7
MOOSORS8
MOOSORS9
MOOSOSPT
MOOSOSTK
MOOSOTBN
MOOSOUCS
MOOSOWTR
MOOSPAGD
MOOSPAGE
MOOSPGCT
MOOSPM
MOOSQID
MOOSQUE
MOOSRC
MOOSRETA
MOOSRSVD
MOOSRSV1
MOOSRSV5
MOOSRSV6
MOOSRSV9
MOOSRVS2
MOOSRVS3
MOOSRVS7
MOOSSEQ
MOOSSL
MOOSSS
MOOSST
MOOSSTRT
MOOSTCID
MOOSTK
MOOSTKBF
MOOSTKBN
MOOSTKB2
MOOSTKDO
MOOSTKD2

IATYMOOS Cross Reference

Name

MOOSTKTS
MOOSTKVO
MOOSTKV2
MOOSTK2
MOOSTSIZ

MOOSTSTR
MOOSUCS
MOOSURID
MOOSXWTR

IATYMPC Information

IATYMPC Programming Interface information

Programming Interface information

IATYMPC

End of Programming Interface information

IATYMPC Heading Information

Common Name: Main Processor Control Table
Macro ID: IATYMPC
DSECT Name: MPCSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: MPC
Offset: X'AC'
Length: 4
Storage Attributes: Main Storage: Subpool 241
Auxiliary Storage: None (However, the IATYMPE section is spooled)
Key: 1 (JESKEY)
Residency: Any
Size: MPCSIZE
Created by: IATINM4 (ASSEMBLED INTO IATMSCD)
Pointed to by: MAINDATA in TVT
MAINACT in TVT (active processor)
SVTMPCDA in SSVT
SVTMPACT in SSVT (active main)
MPNEXT within MPC
Serialization: Fields serialized by CS: MPSTMIO
Function: Main processor description

IATYMPC Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
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	FDBROTER	"X'10'" ERROR OCCURRED ON ROOT I/O.

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				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
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..		FDBSRSV1	"X'04'" - RESERVED.
		.... ..1.		FDBWCHLK	"X'02'" - WRTCHAIN ROOT FDB LOCK FLAG.
		1		FDBSRSV2	"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

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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		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
		Comment			
		IATYTVT TRANSFER VECTOR TABLE IATYFDB FILE DESCRIPTOR BLOCK THE FDB HAS BEEN PREVIOUSLY GENERATED 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"
		Comment			
		---------- 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"

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
28	(1C)	X'E'	0	AR14	"14"
28	(1C)	X'F'	0	AR15	"15"

Comment

IATYEQU General equates
JES3 STANDARD EQUATES
01 Change Activity:
$TA= z2.1.0 HJS7790 110523 PD0PK: z 2.1.0

GENERAL EQUATES

End of Comment

28	(1C)	X'0'	0	NOP	"0" NO OPERATION
28	(1C)	X'F'	0	ALWAYS	"15" Unconditional branch 0084
		1111 1111		FF	"X'FF'" ALL BITS ON
28	(1C)	X'F0'	0	CHARZERO	"C'0'" CHARACTER ZERO
28	(1C)	X'F9'	0	CHARNINE	"C'9'" CHARACTER NINE
28	(1C)	X'C1'	0	CHARA	"C'A'" CHARACTER A
28	(1C)	X'C6'	0	CHARF	"C'F'" CHARACTER F
28	(1C)	X'6B'	0	CHARCMMA	"C','" CHARACTER COMMA

Comment

AFTER COMPARE INSTRUCTIONS

End of Comment

28	(1C)	X'2'	0	GT	"2" A HIGH
28	(1C)	X'4'	0	LT	"4" A LOW
28	(1C)	X'7'	0	NE	"7" A NOT EQUAL B
28	(1C)	X'8'	0	EQ	"8" A EQUAL B
28	(1C)	X'B'	0	GE	"11" A NOT LOW
28	(1C)	X'D'	0	LE	"13" A NOT HIGH

Comment

AFTER LOGICAL INSTRUCTIONS

End of Comment

28	(1C)	X'1'	0	NZNBOROW	"1" Not zero, no borrow
28	(1C)	X'1'	0	NZCARRY	"1" Not zero, carry
28	(1C)	X'4'	0	NZBORROW	"4" Not zero, borrow
28	(1C)	X'4'	0	NZNCARRY	"4" Not zero, no carry
28	(1C)	X'5'	0	LNZERO	"5" Not zero
28	(1C)	X'2'	0	ZNBORROW	"2" Zero, no borrow
28	(1C)	X'2'	0	ZCARRY	"2" Zero, carry
28	(1C)	X'8'	0	ZBORROW	"8" Zero, borrow
28	(1C)	X'8'	0	ZNCARRY	"8" Zero, no carry
28	(1C)	X'A'	0	LZERO	"10" Zero
28	(1C)	X'C'	0	BORROW	"12" Borrow
28	(1C)	X'3'	0	NOBORROW	"3" No borrow
28	(1C)	X'3'	0	CARRY	"3" Carry
28	(1C)	X'C'	0	NOCARRY	"12" No carry

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

				AFTER ARITHMETIC INSTRUCTIONS	

				End of Comment	
28	(1C)	X'1'	0	OV	"1" OVERFLOW
28	(1C)	X'2'	0	PLUS	"2" PLUS
28	(1C)	X'4'	0	MINUS	"4" MINUS
28	(1C)	X'7'	0	NZERO	"7" NOT ZERO
28	(1C)	X'8'	0	ZERO	"8" ZERO
28	(1C)	X'8'	0	ZEROS	"8" ZERO
28	(1C)	X'B'	0	NMINUS	"11" NOT MINUS
28	(1C)	X'E'	0	NOV	"14" NOT OVERFLOW
28	(1C)	X'D'	0	NPLUS	"13" NOT PLUS
				Comment	

				AFTER TEST UNDER MASK INSTRUCTIONS	

				End of Comment	
28	(1C)	X'1'	0	ALLON	"1" ALL ON
28	(1C)	X'4'	0	MIXED	"4" MIXED
28	(1C)	X'5'	0	NALLOFF	"5" ALLON+MIXED
28	(1C)	X'8'	0	ALLOFF	"8" ALL OFF
28	(1C)	X'C'	0	NALLON	"12" ALLOFF+MIXED
				Comment	

				AFTER TEST AND SET INSTRUCTION	

				End of Comment	
28	(1C)	X'4'	0	LOCKED	"4" ONE I.E. LOCKED
28	(1C)	X'8'	0	UNLOCKED	"8" ZERO I.E. UNLOCKED
				Comment	

				AFTER LOAD REAL ADDRESS INSTRUCTION.	

				End of Comment	
28	(1C)	X'8'	0	INREAL	"8" PAGE IS IN REAL STORAGE
28	(1C)	X'7'	0	NOTIREAL	"7" PAGE NOT IN REAL STORAGE
28	(1C)	X'4'	0	SEGTBINV	"4" SEGMENT TABLE ENTRY INVALID
28	(1C)	X'2'	0	PAGTBINV	"2" PAGE TABLE ENTRY INVALID
28	(1C)	X'1'	0	LENTHINV	"1" LENGTH INVALID
				Comment	

				AFTER TEST PROTECTION INSTRUCTION.	

				End of Comment	
28	(1C)	X'E'	0	NTRANSNA	"14" NOT Translation not available
28	(1C)	X'D'	0	NNOACCSS	"13" NOT (Fetching not permitted; Storing not permitted)
28	(1C)	X'B'	0	NPAGPRTD	"11" NOT (Fetching permitted; Storing not permitted)
28	(1C)	X'8'	0	ALLACC	"8" Fetching permitted; Storing permitted

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
28	(1C)	X'7'	0	NALLACC	"7" NOT (Fetching permitted; Storing permitted)
28	(1C)	X'4'	0	PAGPRTD	"4" Fetching permitted; Storing not permitted
28	(1C)	X'2'	0	NOACCESS	"2" Fetching not permitted; Storing not permitted
28	(1C)	X'1'	0	TRANSNA	"1" Translation not available
				Comment	

				SYMBOLS USED FOR ACCESS REGISTER MODE	

				End of Comment	
28	(1C)	X'200'	0	ARMODON	"512" TURN ACCESS REGISTER MODE ON
28	(1C)	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	
28	(1C)	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	
28	(1C)	X'21000'	0	J3TRCSZ	"135168" SIZE OF EVENT TRACE TABLE
28	(1C)	BITSTRING	0	J3NUCTRC	"X'30000'" Size of Nuc path trace table
28	(1C)	X'F018'	0	J3AUXTRC	"61464" SIZE OF AUX PATH TRACE TABLE
28	(1C)	X'3FF'	0	J3TRCMAX	"1023" MAXIMUM SIZE OF USER DATA IN A TRACE ENTRY, IN WORDS
28	(1C)	X'F423F'	0	MAXIMUM_JOB_NUMBER_ALLOWED	"999999" This is the largest job number allowed in the system.
28	(1C)	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.
28	(1C)	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.
28	(1C)	X'7FFF'	0	MAXIMUM_JOBS_IN_DJC_NET	"32767" This is the maximum number of jobs that a single DJC net can contain.
28	(1C)	BITSTRING	0	MAX_OSE_SEQ	"X'7FFFFFFF'" Maximum OSE sequence number
28	(1C)	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
28	(1C)	BITSTRING	0	MAX_OSE_SEQ_DYNAL	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
					"X'7FFFFF80'" 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.
28	(1C)	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	
				---------- The following equates are all used for decisions and actions related to job limits, but specifically are used for different purposes. ----------	
				End of Comment	
28	(1C)	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'.
28	(1C)	X'FFFF'	0	SPECIAL_JOB_XFFFF	"65535" As a compatible job number, indicates that the job number lives in a four byte field.
28	(1C)	X'F423F'	0	UNLIMITED_DSP_COUNT	"999999" As a DSP count this value indicates an "unlimited" count.
28	(1C)	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.
28	(1C)	X'FFFF'	0	UNLIMITED_JOB_COUNT2	"65535" Same as UNLIMITED_JOB_COUNT except that it is for fields that must remain 2 bytes.
28	(1C)	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	
		....		EQUHOBON	"X'80000000'" HIGH ORDER BIT ON
28	(1C)	BITSTRING	0	EQUHOBOF	"X'7FFFFFFF'" HIGH ORDER BIT OFF
				Comment	
				---------- SYMBOLS USED FOR SECURITY ----------	
				End of Comment	
28	(1C)	X'50'	0	SECTKNLN	"80" CURRENT LENGTH OF SECURITY TOKEN

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
28	(1C)	X'50'	0	TKNMAPLN	"80" CURRENT LENGTH OF THE MAPPED TOKEN RETURNED FROM TOKNMAP
28	(1C)	X'F0'	0	SAFMSGSP	"240" SUBPOOL USED FOR MESSAGES 0063 RETURNED BY SAF AND USER EXITS 58 + 59
28	(1C)	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

28	(1C)	X'9'	0	INTK_SHARED_SUBPOOL	"9" Shared subpool

Comment

Functional equates for the PLO instruction.

End of Comment

28	(1C)	X'0'	0	PLO_CL	"0" Compare and Load, 32 bit
28	(1C)	X'1'	0	PLO_CLG	"1" Same, 64 bit
28	(1C)	X'2'	0	PLO_CLGR	"2" Same, 64 bit, some operands in registers
28	(1C)	X'3'	0	PLO_CLX	"3" Same, 128 bit
28	(1C)	X'4'	0	PLO_CS	"4" Compare and Swap, 32 bit
28	(1C)	X'5'	0	PLO_CSG	"5" Same, 64 bit
28	(1C)	X'6'	0	PLO_CSGR	"6" Same, 64 bit, some operands in registers
28	(1C)	X'7'	0	PLO_CSX	"7" Same, 128 bit
28	(1C)	X'8'	0	PLO_DCS	"8" Double Compare and Swap, 32 bit
28	(1C)	X'9'	0	PLO_DCSG	"9" Same, 64 bit
28	(1C)	X'A'	0	PLO_DCSGR	"10" Same, 64 bit, some operands in registers
28	(1C)	X'B'	0	PLO_DCSX	"11" Same, 128 bit
28	(1C)	X'C'	0	PLO_CSST	"12" Compare and Swap and Store, 32 bit
28	(1C)	X'D'	0	PLO_CSSTG	"13" Same, 64 bit
28	(1C)	X'E'	0	PLO_CSSTGR	"14" Same, 64 bit, some operands in registers
28	(1C)	X'F'	0	PLO_CSSTX	"15" Same, 128 bit
28	(1C)	X'10'	0	PLO_CSDST	"16" Compare and Swap and Double Store, 32 bit
28	(1C)	X'11'	0	PLO_CSDSTG	"17" Same, 64 bit
28	(1C)	X'12'	0	PLO_CSDSTGR	"18" Same, 64 bit, some operands in registers
28	(1C)	X'13'	0	PLO_CSDSTX	"19" Same, 128 bit
28	(1C)	X'14'	0	PLO_CSTST	"20" Compare and Swap and Triple Store, 32 bit
28	(1C)	X'15'	0	PLO_CSTSTG	"21" Same, 64 bit
28	(1C)	X'16'	0	PLO_CSTSTGR	"22" Same, 64 bit, some operands in registers
28	(1C)	X'17'	0	PLO_CSTSTX	"23" Same, 128 bit

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATGRVT	
0	(0)	X'0'	0	TVTABLE	"IATGRVT" 0041

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				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 PD0RF: 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	TVTABLE 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 - HHMMSSTH
				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	AWAITEP	"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 IATYTVTX 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
108	(6C)	BITSTRING	4	TVTHOBOF	USED TO TURN OFF HIGH ORD BIT
112	(70)	SIGNED	4	TVTRD005	Reserved for development

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
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)" IATGRTM TIMER SERVICES
144	(90)	ADDRESS	4	MESSAGE	"V(IATCNWO)" IATCNWO 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 IATOSENF subtask work areas.

End of Comment

176	(B0)	DBL WORD	8	TVTENWRK (0)	Queue of available work areas for IATOSENF 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 Dec	Hex	Type/Value	Len	Name (Dim)	Description
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. --- 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)" IATGRRQ 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 JESMSGLG JDS skeleton entries for Spinoff
324	(144)	ADDRESS	4	TVTRS010	RESERVED FOR SERVICE
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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
352	(160)	DBL WORD	8	SRJPSTQ (0)	SNA RJP STORAGE QUEUE
				Comment	
				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	
				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.		SRJPRCB	"X'20'" REMOVE CONTROL BLOCKS FLAG
		...1		SRJPPOP	"X'10'" PROCESS OPER. COMMANDS FLAG
		.... 1...		SRJPWKQ	"X'08'" PROCESS WORK QUEUES FLAG
				Comment	
				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	SRJPFLG	"SRJPCSFL+3" SNA RJP FLAGS
360	(168)	X'16B'	0	SRJPACT	"SRJPFLG" 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	RQDTOP	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	TVTLDAAD	SET BY IATINLC LOCATE DATA AREA ADDRESS
412	(19C)	ADDRESS	4	TVTBALJ	IATINIO JES3 BUFFER ALLOC BLK
416	(1A0)	ADDRESS	4	TVTDATQ	QUEUE OF IATYDATS FOR DISKS
416	(1A0)	X'1A0'	0	TVTDMCQ	"TVTDATQ" QUEUE OF IATYDMCS FOR DISKS

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

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

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	TVTRJPDI	"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	JOBNSET	"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	TVTVPTH	"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	TVTXATDE	"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)" IATIQOI 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 Dec	Hex	Type/Value	Len	Name (Dim)	Description
				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	SRJPNDRA	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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		1...		TVTCONSR	"X'80'" HIGH ORDER BIT OF ACONSRMT 1 - RJP INDICATOR
904	(388)	ADDRESS	4	ACTLTRAP	"V(TMSTMREX)" IATGRTM ATIME STIMERM APPENDAGE
908	(38C)	ADDRESS	4	ADEBLOCK	"V(DEB)" IATDMDT I/O DEBLOCK
912	(390)	ADDRESS	4	ADELETE	"V(DELETEX)" IATGRLD MODULE DELETE
		1...		TVTDELET	"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(FDDELET)" IATDMNC DELETE ENTRY FROM FILE DIR.
928	(3A0)	ADDRESS	4	AFDFIND	"V(FDFIND)" 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)" IATGRLD 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	4	ASPABND0	SET BY IATABN0 ABEND
		1...		TVTABNOF	"X'80'" HIGH ORDER BIT OF ASPABND0 1-ABN0 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(PTATCKP)" 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(JOBNTEST)" 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 JESMSGLG 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 JESMSGLG 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	JNCBHLD	"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(RCVALID)" IATCNRN ROUTE CODE/DEST CLASS VALIDATION ROUTINE
1288	(508)	ADDRESS	4	TVTRD117	RESERVED FOR DEVELOPMENT

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1292	(50C)	ADDRESS	4	MOVEDATA	"V(MOVE)" IATDMDT MOVE DATA
		1...		NCKLOCKD	"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 DSPS 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	4	ROPEN	IATRJM2 OPEN TERMINAL DEVICE
		1...		TVTRJPAC	"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	RQTADEL	"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	TVTCISCH	IATIICS C/I SCHEDULER ENTRY POINT
1504	(5E0)	ADDRESS	4	TVTDSSCH	IATIIPC DISABLE PROCESSING AND SCHEDULING ENTRY POINT
1508	(5E4)	ADDRESS	4	TVTPSSCH	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	TVTFSEPS (0)	Start IATGRFS entry pt list
1524	(5F4)	ADDRESS	4	TVTFSSST	IATGRFS IATXFSS TYPE=START ENTRY
1528	(5F8)	ADDRESS	4	TVTFSSFS	IATGRFS IATXFSS TYPE=FSSSTART ENTRY
1532	(5FC)	ADDRESS	4	TVTFSSCK	IATGRFS IATXFSS TYPE=CHKPT ENTRY
1536	(600)	ADDRESS	4	TVTFSSAB	IATGRFS IATXFSS TYPE=ABEND ENTRY
1540	(604)	ADDRESS	4	TVTFSSCL	IATGRFS IATXFSS TYPE=CLEANUP ENTRY
1544	(608)	ADDRESS	4	TVTFSSAM	IATGRFS IATXFSS TYPE=AMBCHK ENTRY
1548	(60C)	ADDRESS	4	TVTFSSFP	IATGRFS IATXFSS TYPE=FSAPOST ENTRY
1552	(610)	ADDRESS	4	TVTFSSRS	IATGRFS FSS Resource Termination Routine
1556	(614)	ADDRESS	4	TVTFSSAR	IATGRFS IATXFSS TYPE=AUTOREST E.P.
1560	(618)	ADDRESS	4	TVTFSEPN (0)	End IATGRFS entry pt. list
1560	(618)	X'24'	0	TVTFSEPL	"TVTFSEPN-TVTFSEPS" Len IATGRFS entry pt. list
1560	(618)	ADDRESS	4	TVTGMS1	"V(UPDTCLCN)" IATMSCC 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	4	TVTXTOD	"V(TODX)" IATGRCT TOD SERVICE ROUTINE
		1...		TVTXTODF	"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(SSDSDLON)" IATSSDS Activate a dest queue entry
1652	(674)	ADDRESS	4	DSQLOCEP	"V(SSDSDLOC)" IATSSDS Locate a dest queue entry
1656	(678)	ADDRESS	4	DLOCOFF	"V(SSDSDLOF)" IATSSDS Deactivate a dest queue entry
1660	(67C)	ADDRESS	4	TVTRD150 (3)	RESERVED FOR DEVELOPMENT
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(IATCNCN)" 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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		1...		TVTGMSP	"X'80'" GMS UPDATE PENDING
1829	(725)	BITSTRING	3	TVTRU160	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	DSPPSTSC	"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	4	DSPURGE	"V(PURGE)" IATGRPT DSP DICT ENTRY FOR PURGE
		1...		TVTDRFLG	"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	TVTWTFCT	"V(WAITFCT)" IATGRPT WAIT FCT
1924	(784)	ADDRESS	4	IOERRFCT	SET BY IATDMGB DISK I/O ERROR RECOVERY FCT 4
1928	(788)	ADDRESS	4	TVTSPLST	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...	TVTSPPCK	"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		TVTSPTAP	"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	TVTNTRCA	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..		RJPECFTM	"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..		RJPECFCN	"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	TVTCITCB	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)" IATGRLD JES3 ALOAD Q

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	TVTLSTST	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(DUMYCNDB)" 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	SRJPRSRB	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 Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			

		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
		Comment			

		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/I SUBTASK
		1...		TVTCISBW	"X'80'" IATIISB IS WAITING

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- 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	TVTDMSAV (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	TVTWDLIM	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	IATGRLD 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	DJCCKFDB	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	TVONLFDB	SYSUN VARY STATUS CKPT FDB 1
2884	(B44)	BITSTRING	28	JCTRKFDB	JCT ALLOCATION DUMMY TAT FDB 3
2912	(B60)	BITSTRING	12	TVTFSSFD	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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		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 Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		FLAGS AND ECFS			
		End of Comment			
3006	(BBE)	BITSTRING	1		Reserved for development
3007	(BBF)	BITSTRING	1	AFGFLAG2	FLAG BYTE 2
		1...		AFGGMPF	"X'80'" CONSTD, GLOBMPF=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...		AFGDLPST	"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.		AIOMCMSG	"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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... .1..		JSSEFADD	"X'04'" ENDING FUNCTION RQ ADDED TO EF CHAIN (INDEX=RQDONE OR RQCMPLT)
		.... ..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..		TVTMPLAV	"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	TVTFSFG1	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 IATABN0 UNFORMATTED DUMP TAKEN OK
		.... 1...		AFGDMPOS	"X'08'" OPTIONS,DUMP=MVS
		.... .1..		AFGDMPSA	"X'04'" OPTIONS,DUMP=PRDMP
		.... ..1.		TVTFSNDP	"X'02'" OPTIONS,WANTDUMP=NO
		1		TVTFSASK	"X'01'" OPTIONS,WANTDUMP=ASK
3018	(BCA)	BITSTRING	1	TVTFSFG2	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		TVTBOTH	"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	TVTDYNL	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..		TVTGLOBL	"X'40'" GLOBAL MODE INDICATOR
		..1.		TVTLOCAL	"X'20'" LOCAL MODE INDICATOR
		...1		TVTDSIBK	"X'10'" DSI back to this system 0005
		.... 1...		TVTVIRT	"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

JESMSGLG Suppression Flags from STANDARDS statement

End of Comment

3025	(BD1)	ADDRESS	1	TVTJESMS	JESMSGLG flag (default set to NOTSO)
		1...		TVTJNTSO	"X'80'" TSO JESMSGLG suppression flag
		.1..		TVTJNSTC	"X'40'" STC JESMSGLG suppression flag
		..1.		TVTJNBAT	"X'20'" Batch JESMSGLG 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	TVTFSID (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	TVTFSFLG	FSS FLAG
		1...		TVTFSSAD	"X'80'" EXECUTING IN FSS ADDRESS SPACE
		.1..		TVTCIFSS	"X'40'" CI FSS ADDRESS SPACE

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...		DECFIO	"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...		DECFSEC	"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 Dec	Hex	Type/Value	Len	Name (Dim)	Description
		1...		TVTCIATC	"X'80'" IATIISB C/I SUBTASK ATTACH COMPLETE
		.1..		TVTMSABN	"X'40'" IATIISB MASTER SUBTASK ABENDED
		..1.		TVTFSCIU	"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.		LVRRSPST	"X'02'" IATLVVR RESTART POST
		1		LVRSAPST	"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'" JESMSGLG SSI processing
		.1..		TVTJMJBT	"X'40'" JESMSGLG job termination cleanup
		..1.		TVTJMUPD	"X'20'" JESMSGLG 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

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

		DEFINITION OF TVTATFLG			

		End of Comment			
3054	(BEE)	BITSTRING	1	TVTATFLG	AUX TASKING FLAGS
		1...		TVTATE	"X'80'" AUX TASK ENABLED FOR WORK
		.1..		TVTMTON	"X'40'" MT=ON SPECIFIED IN INISH DECK
		Comment			

		DEFINITION OF TVTFLAG1 (SERIALIZED BY COMP. AND SWAP)			

		End of Comment			
3055	(BEF)	BITSTRING	1	TVTFLAG1	WORK FLAGS SERIALIZED BY CS
		1...		TVTUAGET	"X'80'" UNSUCCESSFUL AGETMAIN OCCURRED
		.1..		TVTTSOPS	"X'40'" TSO JES3 REQUEST
		..1.		TVTENST	"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	TVTGSWK1	ECF FOR GENERAL SERVICE DSP
		1...		TVTGSPFD	"X'80'" PENDING FAILDSP REQUEST
		.1..		TVTGSATT	"X'40'" ATTACH ATDE REQUEST
		..1.		TVTGSDET	"X'20'" DETACH ATDE REQUEST
		...1		TVTGSAGP	"X'10'" AGETMAIN POSTING RESQUEST
		.... 1...		TVTGSSAT	"X'08'" STOP AUXTASK FOR MODIFY,MT
		.... .1..		TVTGSSWM	"X'04'" Switch IATXSUSP mask
		Comment			

		DEFINITION OF TVTSTUSR			

		End of Comment			
3057	(BF1)	BITSTRING	1	TVTSTUSR	ABEND SER. RTN. USER FLAGS
		1...		TVTSSNUC	"X'80'" IATNUC TASK GET/REL RESOURCE
		.1..		TVTSSAUX	"X'40'" IATAUX TASK GET/REL RESOURCE
		1		TVTSSDST	"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	TVTDJFLG	DJ FLAG BYTE
		1...		TVTDJRST	"X'80'" FLAG RESET IN PROCESS
3060	(BF4)	BITSTRING	1	TVTGRFLG	GENERAL ROUTINES FLAGS

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

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	AIOFDPRY	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	IATGRLD # 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	TVTJDDLM	IATINSTD Job SYSIN DD statement lmt
3260	(CBC)	SIGNED	4	TVTRU390 (4)	RESERVED FOR USER

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				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 stmnt 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	TVTJOBLM	INCH,MODX JOB JCL STATEMENT LIMIT

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

Comment

FSS NAME AND ASID FOR IATXIWT, WTO, ETC..

End of Comment

Dec	Hex	Type/Value	Len	Name (Dim)	Description
3332	(D04)	ADDRESS	1	TVTFSMSL	LENGTH OF FSS MESSAGE
3332	(D04)	X'D05'	0	TVTFSMSS	"*" 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	TVTFSMSE	"*" END OF FSS MESSAGE
3333	(D05)	CHARACTER	23	TVTFSMSG	POINTER TO ENTIRE MESSAGE
3356	(D1C)	BITSTRING	12	TVTSNFDB	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

Dec	Hex	Type/Value	Len	Name (Dim)	Description
3428	(D64)	ADDRESS	4	TVTRU430 (10)	RESERVED FOR USER
3468	(D8C)	SIGNED	2	TVTRD425	RESERVED FOR DEVELOPMENT

Comment

DEFINITION OF TVTBFLG1

End of Comment

Dec	Hex	Type/Value	Len	Name (Dim)	Description
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

Dec	Hex	Type/Value	Len	Name (Dim)	Description
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 Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		---------- DEFINITION OF TVTBECFN ----------			
		End of Comment			
3493	(DA5)	BITSTRING	1	TVTBECFN	SNA NJE ECF
		111. .1..		TVTBNMSK	"X'E4'" ECF MASK FOR AWAIT
		1...		TVTBNJET	"X'80'" SNA NJE TRANSACTION QUEUED
		.1..		TVTBONMR	"X'40'" SNA NJE OUTBOUND NMR QUEUED
		..1.		TVTBRECC	"X'20'" IATOSDR RECOVERY COMPLETE
		...1		TVTRD460	"X'10'" Reserved Flag
		.... 1...		TVTRD465	"X'08'" Reserved Flag
		.... .1..		TVTBEND	"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	1	TVTBECFS	SNA NJE ECF (Serialized)
		11..		TVTBSMSK	"X'C0'" SNA NJE ECF Mask
		1...		TVTBSSA	"X'80'" BDT Shuttle Staging Area
		.1..		TVTBSSIR	"X'40'" Subsystem Interface Request
		..11 1111		TVTRD480	"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, , CHKPNT, , WTD,			

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
, 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 Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- 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 Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYTVTX	IATYTVTX.27: Fixed TVT 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	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	DUMYCNDB	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 comunication 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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- AHED fields are defined as zeroed constants to ensure the storage for these fields is initially set to zeroes. ----------	
				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	
				---------- Pointer to the RJP ALERTECB SRB routine which JESXCF schedules when an workstation has crossed the message threshold. ----------	
				End of Comment	
248	(F8)	ADDRESS	4	TVTXRJPC	"V(RJPCALRT)"
				Comment	
				---------- WLM Data Area address ----------	
				End of Comment	
252	(FC)	ADDRESS	4	TVTXWLM	WLM Data Area address
				Comment	
				---------- Address of the IATXWCLF service routine in IATWLCLF. ----------	
				End of Comment	
256	(100)	ADDRESS	4	TVTXWCLF	"V(WLMCLSFY)"

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

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

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

				Address of subfunction parameter table entry for IATGRJPI. Only used on global.	

				End of Comment	
584	(248)	ADDRESS	4	TVTXGITB	"V(TBEJPIST)"
				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 Dec	Hex	Type/Value	Len	Name (Dim)	Description
				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)"

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

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

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)
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

IATYMPC Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
80	(50)	SIGNED	4	TVTCNJEM (0)	IATYCNDB.27: based variable for storage mapping
80	(50)	SIGNED	4		Four byte console id 0176
84	(54)	CHARACTER	4		IATYCNDB eyecatcher
88	(58)	ADDRESS	4		IATYCNDB 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

```
 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	TVTCBDTM (0)	IATYCNDB.27: based variable for storage mapping
176	(B0)	SIGNED	4		Four byte console id 0176
180	(B4)	CHARACTER	4		IATYCNDB eyecatcher
184	(B8)	ADDRESS	4		IATYCNDB 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"

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	MPCSTART	
0	(0)	SIGNED	4	MPNEXT	PTR TO NEXT MAINPROC TABLE

Comment

```
 IATYCTC
      MAIN PROCESSOR CONTROL TABLE - CTC SECTION
 CHANGE ACTIVITY =
$P0=J3XCF HJS5511 931020 PD0CC: SP5.1.1
```

End of Comment

0	(0)	SIGNED	4	CTCSTART (0)	
0	(0)	SIGNED	4	CTCNEXT	PTR TO NEXT CONTROL BLOCK
4	(4)	CHARACTER	4	CTCID	CTC CNTL BLOCK ID
8	(8)	ADDRESS	4	CTCMSWA	Address of IATMSDR work area
12	(C)	ADDRESS	4	CTCIXIF	JESXCF Information on this main

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

				The following fields are used to map the JES portion of the JESXCF user state field:	

				End of Comment	
12	(C)	X'4'	0	CTCJUFL1	"4" Offset to JES User state flag byte 1
				Comment	

				Definition of CTCJUFL1:	

				End of Comment	
		1...		ACTMNRCN	"X'80'" All active mains have reconnected to the Global
		.1..		SYSAT522	"X'40'" System is at MVS SP522 or higher
				Comment	

				Definition of CTCFLG1:	

				End of Comment	
16	(10)	BITSTRING	1	CTCFLG1	Flag Byte 1
		1...		CTCDSCRQ	"X'80'" Local Main disconnect has been requested (during DSI)
		.1..		CTCOGLBL	"X'40'" This MPC represents the Old Global
		..1.		CTCMCINT	"X'20'" IATMSDR has completed init for this main
17	(11)	BITSTRING	1	CTCFLG2	Reserved flag byte
18	(12)	BITSTRING	1	CTCFLG3	CTCFLG3 *MUST BE OILED*
		..1.		CTCRECN	"X'20'" Only connect-related JESXCF messages are being transported - this JES3 main is in the process of connecting to the global
19	(13)	BITSTRING	1	CTCFLG4	Reserved flag byte
20	(14)	SIGNED	4	CTCSSVT	Pointer to JES3 SSVT
24	(18)	SIGNED	2	CTCASID	JES3ASID
26	(1A)	SIGNED	2	CTCRSVDH	Reserved for Development
28	(1C)	SIGNED	4	CTCRSVD (2)	Reserved for Development
36	(24)	SIGNED	4	CTCRSVS1	Reserved for Service
40	(28)	SIGNED	4	CTCRSVS2	Reserved for Service
44	(2C)	SIGNED	4	CTCRSVU (2)	Reserved for User
52	(34)	SIGNED	4	MPCID (0)	MPC IDENTIFIER
				Comment	
				IATYMPE INIT=&INIT	
				MAINPROC CARD SECTION	
				CHANGE ACTIVITY =	
				$S1= z1.10.0 HJS7750 070523 PD0PK: z 1.10.0	
				End of Comment	
56	(38)	SIGNED	4	MPSTART (0)	
56	(38)	CHARACTER	8	MPNAME	- MAIN PROCESSOR NAME
64	(40)	CHARACTER	8	MPSELECT	- JOB SELECTION MODE NAME 4

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		MPERSVD3, MPERSVD4, MPERSVD5, MMDRSV1, MMDRSV2, and MMDRSV3 contain residual values built during warm and cold starts of earlier JES3 releases. Do not use these fields until all releases below HJS7707 are out of service.			
				End of Comment	
72	(48)	CHARACTER	6	MPERSVD4	Reserved for IBM 2
78	(4E)	SIGNED	2	MPPGIO	- CSA PAGES FOR SPOOL BUFFERS
80	(50)	SIGNED	2	MPUSRPG	USER PAGES AS I/O BUFFERS 0418 AT INITIALIZATION
80	(50)	X'14'	0	MPUSRPMX	"20" Maximum number allowed
82	(52)	CHARACTER	5	MPERSVD5	Reserved for IBM 2
87	(57)	BITSTRING	1	MPSYSID	- SYSID OF MAIN
88	(58)	CHARACTER	2	MPSMFID	- SMF MACHINE ID
88	(58)	X'22'	0	MPELEN1A	"*-MPSTART" Size of MPE up to MPSYSTEM
90	(5A)	ADDRESS	1	MPSYSTEM	Main processor mode
				Comment	
		DEFINITION OF BITS IN MPSYSTEM			
				End of Comment	
		1...		MPSYSR80	"X'80'" Reserved for IBM
		.1..		MPACTIVE	"X'40'" - THIS IS THE ACTIVE SYSTEM
		..1.		MPSYSR20	"X'20'" Reserved for IBM
		...1		MPGLBL	"X'10'" - THIS IS THE GLOBAL SYSTEM
		.... 1...		MPLCL	"X'08'" - THIS IS A LOCAL SYSTEM
		.... .1..		MPSYSR04	"X'04'" Reserved for IBM
		.... ..1.		MPSYSR02	"X'02'" Reserved for IBM
		1		MPSYSR01	"X'01'" Reserved for IBM
90	(5A)	X'5B'	0	MPE1BST	"*" Start of MPE after MPSYSTEM
91	(5B)	BITSTRING	17	MPERSVD3	Reserved for IBM 1
108	(6C)	SIGNED	4	MP2640ID	IAT2640 message id
112	(70)	SIGNED	4	MPERSVD2	Reserved for development 2
116	(74)	SIGNED	4	MPJSCAN	NO. OF SELECT SCANS
116	(74)	X'40'	0	MPELEN1	"*-MPSTART" Size of MPE up to executable instructions
116	(74)	X'1D'	0	MPELEN1B	"*-MPE1BST" Size of MPE after MPSYSTEM and up to executable instructions
128	(80)	SIGNED	2	MPE2NDST (0)	START OF SECOND MPE SECTION 7
128	(80)	ADDRESS	4	MPSTUNXR	SETUNITS XREF TABLE
132	(84)	CHARACTER	8	MPSPNM	SPOOL PARTITION NAME
140	(8C)	SIGNED	2	MPSPNDX	SPOOL PARTITION INDEX
142	(8E)	ADDRESS	1	MPSTRKG1	PRIMARY TRKGRP ALLOCATION
143	(8F)	ADDRESS	1	MPSTRKG2	SECONDARY TRKGRP ALLOCATION
144	(90)	BITSTRING	1	MPSPSTAT	- MPSPSTAT SPOOL STATUS FLAG
		1...		MPSPIPL	"X'80'" SPOOL REQUIRES PROCESSOR IPL
145	(91)	BITSTRING	1	MPINFLG	- MPINFLG MPC INIT FLAG 2
146	(92)	SIGNED	2	MPAUXIO	NUMBER OF PBUF PGES IN JES3AUX
148	(94)	SIGNED	2	MPFIXIO	NUMBER OF PBUF PGES FIXED
150	(96)	SIGNED	2	MPERSVD1	RESERVED FOR DEVELOPMENT 2
152	(98)	BITSTRING	1	MPERSVS1	Reserved for Service
153	(99)	BITSTRING	1	MPCWTOCH	WTO limit change indicator
154	(9A)	SIGNED	2	MPCWTOIV	Time period for WTO limit
156	(9C)	SIGNED	4	MPCWTOLM	WTO limit for an address space (0 = No limit)
160	(A0)	SIGNED	2	MPERSVDS (2)	RESERVED FOR SERVICE
164	(A4)	SIGNED	2	MPCWTSIV	Specified WTO interval before TOD conversion
166	(A6)	SIGNED	2	MPERSVD6	Reserved for IBM

IATYMPC Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
168	(A8)	SIGNED	4	MPERSVDD (18)	Reserved FOR IBM 2
240	(F0)	BITSTRING	1	MPEND (0)	- END OF MAINPROC CARD SECTION
240	(F0)	X'70'	0	MPELEN2	"*-MPE2NDST" Size of MPE after executable instructions
240	(F0)	BITSTRING	1	MPSIZE (0)	-SIZE OF MAINPROC CARD SECTION 15

Comment

```
IATYMPS INIT=&INIT
        MAIN PROCESSOR SELECT
$SH= REFMPC HJS7707 010807 PD0RF: z1.4.0
    SELECT CARD SECTION
```

End of Comment

240	(F0)	SIGNED	2	MSSTART (0)	
240	(F0)	SIGNED	2	MPMAXI	INITIATOR HIGH WATER MARK
242	(F2)	ADDRESS	1	MPSDEPTH	MAX JOBS IN SETUP
243	(F3)	ADDRESS	1	MPSBAR	SETUP PRIORITY BARRIER
244	(F4)	ADDRESS	1	MPMAGER	JOB AGING RATE ON MAIN
245	(F5)	ADDRESS	1	MPSAGER	JOB AGING RATE IN SETUP
246	(F6)	ADDRESS	1	MPMAGEL	JOB AGING LIMIT ON MAIN
247	(F7)	ADDRESS	1	MPSAGEL	JOB AGING LIMIT IN SETUP
248	(F8)	ADDRESS	1	MPSINCR	SETUP PRIORITY INCREMENT
249	(F9)	ADDRESS	1	MPSINCL	SETUP PRIORITY INCREMENT LIMIT
250	(FA)	ADDRESS	1	MPDPRTY	JES DISPATCHING PRIORITY
251	(FB)	BITSTRING	1	MPDSPLAY	MPDSPLAY MESSAGE DISPLAY OPTION
		1...		MPDISALL	"X'80'" DISPLAY ALL CONSOLE DIALOG
		.1..		MPDISIPL	"X'40'" DISPLAY ONLY IPL CONSOLE DIALOG
		..1.		MPDISIZE	"X'20'" DISPLAY REGION SIZE MESSAGES
		...1		MPDISMLG	"X'10'" DISPLAY ALL MESSAGES ONLY ON MLOG
252	(FC)	ADDRESS	1	MPCHLST	CHOICE LIST
		1...		MPBSTJOB	"X'80'" SCHEDULE THE BEST JOB (MIX AND FIT)
		.1..		MPBSTMIX	"X'40'" SCHEDULE THE JOB WITH THE BEST MIX
		..1.		MPBSTFIT	"X'20'" SCHEDULE THE JOB WITH THE BEST FIT
		.... 1...		MPFSTJOB	"X'08'" SCHEDULE THE FIRST JOB FOR THIS MAIN
		.... .1..		MPFSTMIX	"X'04'" SCHEDULE THE FIRST JOB THAT MIXES
		.... ..1.		MPFSTFIT	"X'02'" SCHEDULE THE FIRST JOB THAT FITS
253	(FD)	BITSTRING	1	MPSRSVD	Reserved for development
254	(FE)	SIGNED	2	MPLSTOR	DEFAULT LOGICAL STORAGE
256	(100)	SIGNED	2	MPSDEST	SAVE CONSOLE DEST
256	(100)	X'102'	0	MPJOBMIX	"*" TABLE OF IORATE MIXES BY DEPTH
258	(102)	ADDRESS	1	(3)	MIX FOR 1 JOB(LOW,HIGH,MED I/O)
261	(105)	ADDRESS	1	(3)	MIX FOR 2 JOBS
264	(108)	ADDRESS	1	(3)	MIX FOR 3 JOBS
267	(10B)	ADDRESS	1	(3)	MIX FOR 4 JOBS
270	(10E)	ADDRESS	1	(3)	MIX FOR 5 JOBS
273	(111)	ADDRESS	1	(3)	MIX FOR 6 JOBS
276	(114)	ADDRESS	1	(3)	MIX FOR 7 JOBS
279	(117)	ADDRESS	1	(3)	MIX FOR 8 JOBS
282	(11A)	ADDRESS	1	(3)	MIX FOR 9 JOBS
285	(11D)	ADDRESS	1	(3)	MIX FOR 10 JOBS
288	(120)	ADDRESS	1	(3)	MIX FOR 11 JOBS
291	(123)	ADDRESS	1	(3)	MIX FOR 12 JOBS
294	(126)	ADDRESS	1	(3)	MIX FOR 13 JOBS
297	(129)	ADDRESS	1	(3)	MIX FOR 14 JOBS
300	(12C)	ADDRESS	1	(3)	MIX FOR 15 JOBS
303	(12F)	BITSTRING	1	MPSRSVD1	Reserved for development
304	(130)	SIGNED	2	MSEND (0)	END OF SELECT CARD SECTION
304	(130)	BITSTRING	1	MSSIZE (0)	SIZE OF SELECT CARD SECTION

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		GMS SECTION OF MAIN PROC TABLE			
		IATYMPER			
		MAIN PROCESSOR ERROR RECOVERY FIELDS			
		CHANGE ACTIVITY =			
		$QA= SYSOPER HJS5521 950217 PD1MG: SP 5.2.1			
		GMS ERROR RECOVERY FIELDS			
				End of Comment	
304	(130)	SIGNED	4	MPERSTA	- ADDR OF ACTIVE STAGING AREA
308	(134)	BITSTRING	1	MPERRFL1	- GMS ERROR FLAG 1
309	(135)	BITSTRING	1	MPERRFL2	GMS ERROR INDEX
310	(136)	BITSTRING	1	MPERRFL3	- GMS ERROR FLAG 3
311	(137)	BITSTRING	1	MPERRFL4	- GMS ERROR FLAG 4
312	(138)	BITSTRING	1	MPERRFL5	- GMS ERROR FLAG 5 0082
313	(139)	BITSTRING	3	MPERRRFD	- RESERVED FOR DEVELOPMENT 0082
				Comment	

		DEFINITION OF MPERRFL1			

				End of Comment	
		1...		MSERRAC	"X'80'" - ERROR RECOVERY ACTIVE
		.1..		MSERRFA	"X'40'" FAILDSP RECOVERY ACTIVE
				Comment	

		DEFINITION OF MPERRFL3			

		ACTIVE MAIN POST AT TIME OF FAILURE			

		DEFINITION OF MPERRFL4			

		ACTIVE JSQ POST AT TIME OF FAILURE			
		---------- 0			
		DEFINITION OF MPERRFL5 0			
		FOOTPRINT FLAG THROUGH GMS PROCESS IN IATMSMS 0			
		---------- 0			
				End of Comment	
		1...		MSGMSUGS	"X'80'" - UPDATED GMS STATUS 0082
		.1..		MSGMSJMR	"X'40'" - JMR READ 0082
		..1.		MSGMSJDB	"X'20'" - JDAB READ 0082
		...1		MSGMSSEL	"X'10'" - GMS JOB SELECT PROCESSING 0164
				Comment	

		QUEUES AND TABLE POINTERS			

				End of Comment	
316	(13C)	SIGNED	4	MPRQONMN	RQONMN CHAIN VS2-2
320	(140)	SIGNED	4	MPCSECT	MAIN CSECT PTR OR MAIN STAT
324	(144)	ADDRESS	4	MPCMDWEV	MDS FCT WLM Event (WEV) Queue
328	(148)	ADDRESS	4	MPCGMWEV	GMS FCT WLM Event (WEV) Queue
332	(14C)	ADDRESS	4	MPCWLWEV	WLM FCT WLM Event (WEV) Queue
336	(150)	SIGNED	4	MPCRSVD1	Reserved for development
340	(154)	SIGNED	4	MPSTAGE	ACTIVE STAGING AREA QUEUE HEAD POINTER
344	(158)	SIGNED	4	MPSTATL	ACTIVE STAGING AREA QUEUE TAIL POINTER

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
348	(15C)	SIGNED	4	MPMEMD	MEMDATA QUEUE
352	(160)	SIGNED	4	MPUNITS	POINTER TO SETUP TABLE
356	(164)	SIGNED	4	MPRSTRCD	ADR OF CONNECT RCD FOR GMS
360	(168)	SIGNED	4	MPMSMC	ADDR GMS UPDATE/CONNECT MOD
364	(16C)	SIGNED	4	MPMSJT	ADDR GMS JOB TERMINATION MOD 442
				Comment	

				GMS WORK AREAS	

				End of Comment	
368	(170)	BITSTRING	17	MPCRSVDE	Reserved for development
385	(181)	CHARACTER	7	MPCFMID (0)	FMID OF PROCESSOR
385	(181)	BITSTRING	3	MPCFMIDP	PREFIX OF FMID
388	(184)	BITSTRING	4	MPCFMIDR	REMAINDER OF FMID
392	(188)	SIGNED	2	MPNUNITS	NUMBER OF SETUNIT DEVICES
394	(18A)	SIGNED	2	MPMRESRV	RESERVED FOR DEVELOPMENT
396	(18C)	SIGNED	4	MPCHRDAT	Hot start with refresh date
400	(190)	SIGNED	4	MPCHRTIM	Hot start with refresh time
404	(194)	SIGNED	4	MPCCFDAT	*MODIFY,CONFIG date
408	(198)	SIGNED	4	MPCCFTIM	*MODIFY,CONFIG time
412	(19C)	ADDRESS	2	MPCLEVEL (0)	Product and service level combined
412	(19C)	ADDRESS	1	MPCPLEVL	Product level of this main
413	(19D)	ADDRESS	1	MPCSLEVL	Service level of this main
				Comment	
				PCSDUMP IATYSDMP PRE=MPC Info needed for SDUMPX SDUMPX REMOTE information --- CHANGE-ACTIVITY = $S0= z1.7.0 HJS7720 030915 PD0JK: z 1.7.0 --- The following fields are needed for the global to dump the local's JES3, JES3 AUX, and JESXCF address spaces, and the data space for the JESXCF member, and the CADS. ---	
				End of Comment	
414	(19E)	BITSTRING	22	MPCSDUMP (0)	Info to dump storage of this processor from the global
414	(19E)	BITSTRING	6	MPCASIDL (0)	ASID list for SDUMP
414	(19E)	SIGNED	2	MPCJ3ID	JES3 ASID
416	(1A0)	SIGNED	2	MPCJ3XID	JES3 AUX ASID
418	(1A2)	SIGNED	2	MPCJXID	JESXCF ASID
420	(1A4)	BITSTRING	8	MPCSTDSM	STOKEN for JESXCF member's data space
428	(1AC)	BITSTRING	8	MPCSTCAD	CADS STOKEN
436	(1B4)	CHARACTER	24	MPCRSVD2	Reserved for development
460	(1CC)	SIGNED	4	MPMNFCT	POINTER TO MAIN MODULE FCT
464	(1D0)	SIGNED	4	MPEXRESC	PTR/EXECUTION RESOURCE TABLE
468	(1D4)	SIGNED	4	MPBRESC	FIRST BATCH RESOURCE GROUP
472	(1D8)	SIGNED	4	MPGPTRS (2)	GROUP SCAN POINTERS
480	(1E0)	SIGNED	4	MPCPSEQ	BCP product sequence number 17648TAA see ECVTPSEQ (IHAECVT) 17648TAA for description/format 17648TAA
484	(1E4)	SIGNED	4	MPCRSVD3 (4)	Reserved for development 17648TAC 4
500	(1F4)	SIGNED	4	MPSYMT	PTR TO THE SYMBOL TABLE
504	(1F8)	DBL WORD	8	GMSWORK	GMS WORK AREA
512	(200)	SIGNED	4	MPCWORK1	GMS Work Area
516	(204)	SIGNED	4	MPMIFCT	MAINIO FCT POINTER
520	(208)	SIGNED	4	MPMIOFCT	I/O HANDLER FCT ADR
524	(20C)	ADDRESS	4	MPCMSWLE	Address of module IATMSWLE
528	(210)	SIGNED	8	MPINITID	INISH ID FOR THIS MAIN

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		GMS COUNT FIELDS			
		End of Comment			
536	(218)	BITSTRING	8	MPCRSVD7	Reserved for development
544	(220)	SIGNED	2	MPWLMTOT	Total WLM jobs this main
546	(222)	CHARACTER	5	MPVSREAL	CURRENT LARGEST V=R BLOCK
551	(227)	CHARACTER	5	MPVSCUR	CURRENT AVAILABLE LSTOR
556	(22C)	SIGNED	2	MPMBINC	CURRENT AVAILABLE LSTOR
558	(22E)	SIGNED	2	MPSRSVS2	RESERVED FOR SERVICE
560	(230)	SIGNED	2	MPJSCNT	JOB SPAN COUNTER
562	(232)	SIGNED	2	MPSJSCNT	SETUP JOB SPAN COUNTER
564	(234)	SIGNED	2	MPAINIT	TOTAL STARTED INITS
566	(236)	SIGNED	2	MPDEEP	TOTAL JOBS ACTIVE THIS MAIN
568	(238)	SIGNED	2	MPJOBCNT (3)	IORATE COUNTERS (L-H-M)
574	(23E)	ADDRESS	1	MPSDEEP	CURRENT SETUP DEPTH ON MAIN
575	(23F)	BITSTRING	1	MPLIGRP	LAST INITIATOR GROUP SCANNED
576	(240)	BITSTRING	1	MPPRTY	CURR SELECT PRIORITY IN RESQ
577	(241)	BITSTRING	2	MPCRSVD8	Reserved for development
579	(243)	BITSTRING	1	MPBMIX	BEST I/O RATE FOR THIS SCAN
580	(244)	BITSTRING	1	MPFMIX	NEXT BEST I/O RATE THIS SCAN
581	(245)	BITSTRING	1	MPGMSECF	GMS ECF
		1...		MPGMSRST	"X'80'" 1 = PROCESS COMPLETE
		.1..		MPGMSCOM	"X'40'" 1 = GMS COMPLETE
582	(246)	SIGNED	2	MPSTSIZ	SIZE OF THE SYMBOL TABLE
584	(248)	SIGNED	4	MPSPTRS (0)	TABLE OF SCAN POINTERS
584	(248)	SIGNED	4	MPFJPTR	POINTER TO FIRST JOB
588	(24C)	SIGNED	4	MPFFPTR	POINTER TO FIRST FIT JOB
592	(250)	SIGNED	4	MPFMPTR	POINTER TO FIRST MIX JOB
596	(254)	SIGNED	4	MPBFPTR	POINTER TO BEST FIT JOB
600	(258)	SIGNED	4	MPBMPTR	POINTER TO BEST MIX JOB
		1...		MPBMVAL	"X'80'" BEST MIX PTR IS VALID -MUST BE JUST HIGH ORDER BIT
604	(25C)	SIGNED	4	MPBJPTR	POINTER TO BEST JOB
		1...		MPBJVAL	"X'80'" BEST JOB PTR IS VALID -MUST BE JUST HIGH ORDER BIT
604	(25C)	X'18'	0	MPSPTRSZ	"*-MPSPTRS" END OF TABLE
		Comment			
		MAIN SERVICE SAVE AREAS			
		End of Comment			
608	(260)	DBL WORD	8	MPIOWORK (2)	MAIN I/O SAVE AREA
624	(270)	SIGNED	4	MPGMSRSV	GMS RETURN ADDRESS SAVE AREA
628	(274)	SIGNED	4	MPGMSSAV (7)	GMS REG SAVE AREA
656	(290)	SIGNED	4	MPUSER (3)	RESERVED FOR USER
		Comment			
		MAIN PROCESSOR CONTROL PROGRAM INDEXES			
		End of Comment			
668	(29C)	ADDRESS	1	MPCPACT	ACTIVE CONTROL PGM
669	(29D)	ADDRESS	1	MPCPMDS	CTRL PROGRAM FOR MDS SCHED
670	(29E)	BITSTRING	1	MPCPNEW	NEW CTRL PGM IN SYS SWITCH
670	(29E)	X'0'	0	MPCPNONE	"0" NO CTRL PGM

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
670	(29E)	X'1'	0	MPCPMVT	"1" MVT CTRL PGM INDEX
670	(29E)	X'2'	0	MPCPVR1	"2" VS2 R1 CNTL PGM INDEX
670	(29E)	X'3'	0	MPCPVR2	"3" VS2 R2 CNTL PGM INDEX
		1111 1111		MPCPANY	"X'FF'" ANY CTRL PGM INDEX
671	(29F)	BITSTRING	1		ALIGNMENT SPACE

Comment

Main scheduling mask instructions (built by IATINMPC)

End of Comment

Comment

MAIN SERVICE AWAIT ECFS

End of Comment

684	(2AC)	SIGNED	4	(0)	ALIGNMENT
684	(2AC)	SIGNED	4	MPCRSVD9 (2)	Reserved for development
692	(2B4)	ADDRESS	4	MPMBECF	ECF ADDRESS
696	(2B8)	BITSTRING	1	(3)	MUST BE ZERO
699	(2BB)	BITSTRING	1	MPMBECFM	ECF MASK
700	(2BC)	SIGNED	4		END OF LIST
704	(2C0)	ADDRESS	4	MPMNECF	
708	(2C4)	BITSTRING	1	(3)	MUST BE ZERO
711	(2C7)	BITSTRING	1	MPMNECFM	STANDARD MAIN FCT ECF MASK
712	(2C8)	ADDRESS	4	MPMIECF	
716	(2CC)	BITSTRING	1	(3)	MUST BE ZERO
719	(2CF)	ADDRESS	1	MPMIECFM	STANDARD MAINIO ECF MASK
719	(2CF)	X'8'	0	MPMIECFL	"*-MPMIECF" Length of ECF+MASK structure
720	(2D0)	ADDRESS	4	MPECFPT	
724	(2D4)	BITSTRING	1	(3)	MUST BE ZERO
727	(2D7)	BITSTRING	1	MPRSRVD1 (3)	RESERVED FOR DEVELOPMENT

Comment

MAIN SERVICE CONSOLE AND TIMER APPENDAGES

CONSOLE MESSAGE APPENDAGE

End of Comment

Comment

MPOPMSG OIL MPSTMIO,MPSCONS,REF=MPCSTART POST FOR OPER MSG

End of Comment

Comment

ARETURN RC=4 RETURN AND GET MSG QUEUED
$RX= OS280 HJS6608 981211 PD0DR: OS 2.8.0

End of Comment

Comment

ASYNCHRONOUS TIMER APPENDAGE

End of Comment

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
Comment					
MPTIME OIL MPLFLG,MPLTIME,REF=MPCSTART POST TIME EXPIRED					
End of Comment					

IATYMPC Cross Reference

Name

AASPMAP
ABACKR
ABENDAPG
ABENDDCB
ABLOCK

ACCTDFLT
ACLOSE
ACONCONS
ACONRS10
ACONRS20

ACONSBCB
ACONSRMT
ACONTIME
ACTIVE_LIMIT
ACTLTRAP

ACTMNRCN
ADEBLOCK
ADELETE
ADEQ
ADLTABLE

AENQ
AFDADD
AFDDELET
AFDFIND
AFGABNUM

AFGDLPST
AFGDMPOS
AFGDMPSA
AFGESTAE
AFGFLAG2

AFGFLAG5
AFGFSACT
AFGGMPF
AFGNOCPF
AFGPJES3

AFGRS201
AFGRS202
AFGRS204
AFGRS208
AFGRS210

AFGRS220
AGETBUF
AGETMAIN
AHED_ANCHOR
AHED_FREE

AHED_SEQUENCE

AHED_TOTAL
AIATINIT
AINTDATA

Name

AIOBFECF
AIOBFUSE
AIOBMIN
AIOFDLST
AIOFDNEW
AIOFDPRY
AIOFDTOP
AIOFLAG1
AIOFLAG2
AIOGETBF
AIOJQMSG
AIOMCMSG
AIOMNBUF
AIOMSOUT
AIONBUFS
AIONOAWT
AIONOBFM
AIONOBFN
AIONOSPC
AIOPTJSM
AIORDWRT
AIORESPG
AIOSNGIO
ALLACC
ALLOFF
ALLON
ALOAD
ALOCATE
ALWAYS
ANALYZE
ANJECHKS
ANJECNSQ
ANJESRCH
ANJETBL
ANOTE
AOPEN
AOPEND
APOINT
APURGE
APUTBUF
APUTMAIN
ARELEASE
ARETNAD
ARMODOFF
ARMODON
ARNAMES
AR0
AR1
AR10
AR11
AR12
AR13
AR14
AR15
AR2
AR3
AR4
AR5
AR6
AR7

Name

AR8
AR9
ASAVE
ASPABND0
ASPECB
ASPTCB
ASYSIOSP
ATEST
ATIME
ATRACK
AUXPTERM
AWAIT
AWAITEP
AWAITL
AWAITOFF
AWAITOFL
AWRITE
BORROW
BUFSZ
CARRY
CHARA
CHARCMMA
CHARF
CHARNINE
CHARZERO
CHENDAPG
CHKPNT
CKPTAREA
COLDSTRT
CONCNJS
CONCNVRT
CONREVRT
CONSAUTH
CONSUBPL
CPUIPL
CTCASID
CTCDSCRQ
CTCFLG1
CTCFLG2
CTCFLG3
CTCFLG4
CTCID
CTCIXIF
CTCJUFL1
CTCMCINT
CTCMSWA
CTCNEXT
CTCOGLBL
CTCRECN
CTCRSVD
CTCRSVDH
CTCRSVS1
CTCRSVS2
CTCRSVU
CTCSSVT
CTCSTART
DCTRAPS
DECF
DECFBTR
DECFDR

Name

DECFER
DECFIO
DECFSEC
DECFTX
DEQMSG
DEVSCAN
DJCACTIV
DJCCKFDB
DJCFREE
DJCPOST
DLOCOFF
DLOCON
DLQ
DMTAREQ
DMTARPLY
DMTKSTTR
DNMCONVI
DNMDISBL
DNMENABL
DNMISDRV
DNMMAIN
DNMOUTPT
DNMPSTSC
DNMPURGE
DRDCB
DSIACTV
DSIFCT
DSPCMXSZ
DSPCONVI
DSPDIC
DSPDISBL
DSPDMJA
DSPENABL
DSPFSSCT
DSPIG
DSPISDRV
DSPMAIN
DSPNJESF
DSPNJESN
DSPOUTPT
DSPPSTSC
DSPRSCNT
DSPURGE
DSQLOC
DSQLOCEP
DUMYCNDB
DYNALOC
DYNALRTY
DYNCDD
DYNDYNP
DYNECF
DYNINIT
DYNRALOC
DYNSAMSK
DYNUNAL
EFTOP
EQ
EQUHOBOF
EQUHOBON
FAILDSP

Name

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
FDBFREND
FDBF0RS1
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
FDBMREND

Name

FDBMRFL
FDBMULT
FDBNDATA
FDBNOADR
FDBNOPUT
FDBOCLSE
FDBODEOD
FDBOLD
FDBONSP
FDBOPEND
FDBOPTCD
FDBPNTIN
FDBPOINT
FDBPRTY
FDBRABDU
FDBRECCT
FDBRECN2
FDBRECOV
FDBRL
FDBROTER
FDBRRERQ
FDBRSFLD
FDBRSVD1
FDBSKIP
FDBSPADR
FDBSPFL1
FDBSPLIT
FDBSPMOD
FDBSPNDX
FDBSPREC
FDBSREND
FDBSRFL
FDBSRSV1
FDBSRSV2
FDBSTART
FDBTAERR
FDBTMSTP
FDBVALID
FDBWCHLK
FF
FINDJNUM
FIRSTDEB
FSSCKPT
GE
GECFJOBN
GECFMCON
GECFMTRK
GECFSTAD
GETUNIT
GMSCKPT
GMSFDB
GMSWORK
GT
HOMENODE
HOTSTRT
IATGRVT
IATXAMDV
IATXCNS
IATXCPYF
IATXCSS

Name

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
INREAL
INTERCOM

INTK_SHARED_SUBPOOL

IOEERROR
IOENORML
IOERRECF

IOERRFCT
IOETIMED
IPLMASK
JCTRKFDB
JDSADD

JDSBENRY
JDSGET
JDSHOLD
JDSPOINT
JDSPUT

JDSREL
JESCKPNT
JESCLOSE
JESEXCP
JESKEY

Name

JESMODLK
JESMSG
JESMSGRT
JESOPEN
JESPOOL
JESREAD
JESSNAP
JESTAE
JNADD
JNCBCTL
JNCBHLD
JNCBPOST
JNCBREL
JNCBTOP
JNDEL
JNGET
JNUMR
JOB_NUMBER_SHIFT
JOBCLS
JOBFAIL
JOBGRP
JOBNALOC
JOBNRTN
JOBNSET
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
JSSPROCN
JSSRETRN
JSSRQTMR

Name

JSSTART
JSSTPOST
JSSWORKQ
J3AUXTRC
J3MAXMP
J3NUCTRC
J3TRCMAX
J3TRCSZ
LCLJNEWS
LE
LENTHINV
LNZERO
LOCKED
LOGIN
LOGOUT
LT
LVRATPST
LVRRSPST
LVRRSV10
LVRRSV20
LVRRSV40
LVRRSV80
LVRSAPST
LZERO
MAINACT
MAINDATA
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
MCLASS
MDSPARM
MESSAGE
MGROUP
MINUS
MIXED
MLBCB
MNTRKFDB
MOVEDATA
MPACTIVE
MPAINIT
MPAUXIO
MPBFPTR
MPBJPTR
MPBJVAL
MPBMIX
MPBMPTR
MPBMVAL
MPBRESC
MPBSTFIT

Name

MPBSTJOB
MPBSTMIX
MPCASIDL
MPCCFDAT
MPCCFTIM
MPCFMID
MPCFMIDP
MPCFMIDR
MPCGMWEV
MPCHLST
MPCHRDAT
MPCHRTIM
MPCID
MPCJXID
MPCJ3ID
MPCJ3XID
MPCLEVEL
MPCMDWEV
MPCMSWLE
MPCPACT
MPCPANY
MPCPLEVL
MPCPMDS
MPCPMVT
MPCPNEW
MPCPNONE
MPCPSEQ
MPCPVR1
MPCPVR2
MPCRSVDE
MPCRSVD1
MPCRSVD2
MPCRSVD3
MPCRSVD7
MPCRSVD8
MPCRSVD9
MPCSDUMP
MPCSECT
MPCSLEVL
MPCSTART
MPCSTCAD
MPCSTDSM
MPCWLWEV
MPCWORK1
MPCWTOCH
MPCWTOIV
MPCWTOLM
MPCWTSIV
MPDEEP
MPDISALL
MPDISIPL
MPDISIZE
MPDISMLG
MPDPRTY
MPDSPLAY
MPECFPT
MPELEN1
MPELEN1A
MPELEN1B
MPELEN2

Name

MPEND
MPERRFL1
MPERRFL2
MPERRFL3
MPERRFL4
MPERRFL5
MPERRRFD
MPERSTA
MPERSVDD
MPERSVDS
MPERSVD1
MPERSVD2
MPERSVD3
MPERSVD4
MPERSVD5
MPERSVD6
MPERSVS1
MPEXRESC
MPE1BST
MPE2NDST
MPFFPTR
MPFIXIO
MPFJPTR
MPFMIX
MPFMPTR
MPFSTFIT
MPFSTJOB
MPFSTMIX
MPGLBL
MPGMSCOM
MPGMSECF
MPGMSRST
MPGMSRSV
MPGMSSAV
MPGPTRS
MPINFLG
MPINITID
MPIOWORK
MPJOBCNT
MPJOBMIX
MPJSCAN
MPJSCNT
MPLCL
MPLIGRP
MPLSTOR
MPMAGEL
MPMAGER
MPMAXI
MPMBECF
MPMBECFM
MPMBINC
MPMEMD
MPMIECF
MPMIECFL
MPMIECFM
MPMIFCT
MPMIOFCT
MPMNECF
MPMNECFM
MPMNFCT

Name

MPMRESRV
MPMSJT
MPMSMC
MPNAME
MPNEXT
MPNUNITS
MPPGIO
MPPRTY
MPRQONMN
MPRSRVD1
MPRSTRCD
MPSAGEL
MPSAGER
MPSBAR
MPSDEEP
MPSDEPTH
MPSDEST
MPSELECT
MPSINCL
MPSINCR
MPSIZE
MPSJSCNT
MPSMFID
MPSPIPL
MPSPNDX
MPSPNM
MPSPSTAT
MPSPTRS
MPSPTRSZ
MPSRSVD
MPSRSVD1
MPSRSVS2
MPSTAGE
MPSTART
MPSTATL
MPSTRKG1
MPSTRKG2
MPSTSIZ
MPSTUNXR
MPSYMT
MPSYSID
MPSYSR01
MPSYSR02
MPSYSR04
MPSYSR20
MPSYSR80
MPSYSTEM
MPUNITS
MPUSER
MPUSRPG
MPUSRPMX
MPVSCUR
MPVSREAL
MPWLMTOT
MP2640ID
MSEND
MSERRAC
MSERRFA
MSGCECF
MSGMSJDB

Name

MSGMSJMR
MSGMSSEL
MSGMSUGS
MSSACT
MSSDEPTH
MSSIZE
MSSJOB
MSSTART
NALLACC
NALLOFF
NALLON
NCBTAADD
NCBTAFND
NCBTAGET
NCBTAPUT
NCBTAREL
NCKADD
NCKDEL
NCKLOCK
NCKLOCKD
NE
NJPNAME
NMINUS
NNOACCSS
NOACCESS
NOBORROW
NOCARRY
NOP
NOTIREAL
NOV
NPAGPRTD
NPLUS
NTRANSNA
NZBORROW
NZCARRY
NZERO
NZNBOROW
NZNCARRY
OSEFLAGS
OSEOUTPT
OSERQWS
OSETIMER
OSEWTRS
OSEWTRSL
OSGRJGET
OSGRJPUT
OSGRJREL
OSSRQTOP
OSSWAIT
OSWSQUE
OV
PAFCTBTM
PAFCTTOP
PAGPRTD
PAGTBINV
PLO_CL
PLO_CLG
PLO_CLGR
PLO_CLX
PLO_CS

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_DCSGR
PLO_DCSX
PLUS
POSTSRS
PRO
PRTAB
PUNTAB
PURCHAIN
PUTUNIT
RCLOSE
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

Name

RSCTTEST
RSCTWAIT
RSCWAIT
R0
R1
R10
R11
R12
R13
R14
R15
R2
R3
R4
R5
R6
R7
R8
R9
SAFEXTSP
SAFMSGSP
SCTAB
SECTKNLN
SEGTBINV
SETNAMES
SIZEBUF
SMFDYFCT
SMFPOST
SMFRCUR
SMRFDB
SNAPDCBA
SNARMVCB
SNLKDEC
SNLKERR
SNLKINC
SNLKINNC
SNLKNORM
SNSTCM
SNSTERR
SNSTFCB
SNSTNORM
SNSTOFF
SNSTON
SNSTONTQ
SNSTQ
SNSTQI
SNSTRQ
SNSTTEST
SNSTTNCH
SPECIAL_JOB_XFFFF
SPINOFF
SPINPOST
SPORQTOP
SRJPACT
SRJPACTM
SRJPBCB
SRJPCSFL
SRJPECF
SRJPFLG

Name

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
SRJPSNSG
SRJPSNST
SRJPSQAN
SRJPSRT
SRJPSTQ
SRJPWKQ
STEPCHK
SUPUNITS
SYSAT522
SYSTAB
SYSUNIT
SYSUNITS
TATFLAGS
TATGMSSP
TATMINQ
TATMRGQ
TATUPDWR
TCKFDB
TDBGCLSS
TESTSRS
TIDSNT
TIHWST
TIPARMS
TKNMAPLN
TODMSG
TPROCCHN
TRANSNA

Name

TSOJNEWS
TVABNGET
TVDSIECF
TVINITID
TVJCTREL
TVONLFDB
TVRSTFLG
TVTABLE
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
TVTBECFS
TVTBEND
TVTBFLG1
TVTBJCRQ
TVTBLANK
TVTBMSK
TVTBNFG
TVTBNJET
TVTBNMSK
TVTBONMR
TVTBOTH
TVTBREC
TVTBRECC
TVTBRSV1
TVTBSCT
TVTBSMSK
TVTBSSA
TVTBSSIR
TVTBSZDT
TVTBTJDS
TVTBTJST
TVTBTR
TVTCALNT
TVTCANB

Name

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
TVTCITCB
TVTCKFCT
TVTCKMSG
TVTCLEN
TVTCLREG
TVTCL012
TVTCNJEM
TVTCNMLW
TVTCNSAP
TVTCNTOR
TVTCONSR
TVTCPUID
TVTCRD01
TVTCRD02
TVTCRD03
TVTCRD04
TVTCRS01
TVTCRS02
TVTCRS03
TVTCRS04
TVTCSBTR
TVTCSBTU
TVTCSCP
TVTCSF

Name

TVTCTVT
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
TVTDRTN
TVTDRTR
TVTDSFDB
TVTDSIBK
TVTDSIOK
TVTDSI01
TVTDSI02
TVTDSI04
TVTDSI08
TVTDSI10
TVTDSI20
TVTDSI40
TVTDSPIQ
TVTDSPMO
TVTDSP00
TVTDSSCH
TVTDYCLU
TVTDYNL
TVTDYSCR
TVTEASID
TVTENCTL
TVTEND
TVTENFRW
TVTENST

Name

TVTENWRK
TVTEPCST
TVTEPE
TVTEPS
TVTEPST

TVTERRQ
TVTERRWK
TVTESTE6
TVTESTFL
TVTESTSZ

TVTEST00
TVTEUDTA
TVTEXREL
TVTF_EYE_CATCHER

TVTFCTVT
TVTFDCTA
TVTFDMAX
TVTFDUSE
TVTFETCH

TVTFID
TVTFLAG1
TVTFLAG2
TVTFLEN
TVTFREND

TVTFSAID
TVTFSASK
TVTFSCIU
TVTFSECB
TVTFSEPL

TVTFSEPN
TVTFSEPS
TVTFSFCT
TVTFSFG1
TVTFSFG2

TVTFSFLG
TVTFSID
TVTFSL
TVTFSLG
TVTFSLGA

TVTFSLOG
TVTFSMSE
TVTFSMSG
TVTFSMSL
TVTFSMSS

TVTFSNDP
TVTFSRC
TVTFSS
TVTFSSAB
TVTFSSAD

TVTFSSAM
TVTFSSAR
TVTFSSCK
TVTFSSCL
TVTFSSCM

TVTFSSFD
TVTFSSFP
TVTFSSFS
TVTFSSID
TVTFSSIN

Name

TVTFSSNM
TVTFSSRS
TVTFSSST
TVTFSSTA
TVTFSUFD
TVTFSWA
TVTFSWRK
TVTFTVT
TVTFVERS
TVTF313
TVTF511
TVTGETE6
TVTGET00
TVTGLOBL
TVTGMSFL
TVTGMSP
TVTGMSUP
TVTGMS1
TVTGRFLG
TVTGRJQE
TVTGROCO
TVTGRPSZ
TVTGRSM1
TVTGSAGP
TVTGSATT
TVTGSDET
TVTGSPFD
TVTGSSAT
TVTGSSWM
TVTGSWK1
TVTHOBOF
TVTHOBON
TVTHRCNT
TVTHRDAT
TVTHRINF
TVTHRTIM
TVTHWMSK
TVTHWQE
TVTHXCHR
TVTICLK
TVTICTCH
TVTID
TVTIDAAD
TVTIDDAT
TVTIDTIM
TVTIFCAD
TVTIHWS
TVTINDAT
TVTINPPS
TVTINPUT
TVTINSAV
TVTINSPA
TVTINTIM
TVTINTPM
TVTINTPR
TVTINTRD
TVTINTRP
TVTIOPRM
TVTIQECA
TVTIQECM

Name

TVTIRA
TVTISFLG
TVTISF01
TVTISF02
TVTISF04
TVTISF08
TVTISF10
TVTISJ
TVTITKPM
TVTJADAD
TVTJBDTH
TVTJBEXP
TVTJBLIM
TVTJBMSG
TVTJBNSE
TVTJBOUT
TVTJBTS
TVTJBTXP
TVTJBUSE
TVTJDDLM
TVTJDENO
TVTJDEQ
TVTJESMS
TVTJETCR
TVTJLFLG
TVTJMF
TVTJMJBT
TVTJMJDS
TVTJMQA
TVTJMSSI
TVTJMUPD
TVTJNBAT
TVTJNCBF
TVTJNCHN
TVTJNECF
TVTJNFND
TVTJNMSK
TVTJNRET
TVTJNSTC
TVTJNTHL
TVTJNTSO
TVTJNWID
TVTJOBLM
TVTJQEDQ
TVTJQENQ
TVTJQX
TVTJSFLG
TVTJSSDA
TVTJTGBL
TVTJTOFF
TVTJ3PST
TVTLDAAD
TVTLIMF
TVTLLPRT
TVTLNGTH
TVTLOCAL
TVTLOECF
TVTLPJ3
TVTLSTST
TVTLTRC

Name

TVTMAINJ
TVTMAPRJ
TVTMAXB
TVTMAXC
TVTMAXL
TVTMAXP
TVTMBJ
TVTMDFLG
TVTMDSRD
TVTMEMBR
TVTMEMD
TVTMINTR
TVTMLRL
TVTMNSMS
TVTMOECA
TVTMOECM
TVTMPLAV
TVTMRGTR
TVTMSABN
TVTMSDM
TVTMSMI
TVTMSPAT
TVTMSU
TVTMTON
TVTMUBLN
TVTMXDCI
TVTMXINT
TVTNJEF1
TVTNJEOK
TVTNONE
TVTNOTFY
TVTNTRCA
TVTNTSV
TVTNTTCK
TVTNUCT
TVTOLDGL
TVTONE
TVTONEH
TVTONMSK
TVTOSDIE
TVTOSFP
TVTOSRTQ
TVTOUTPT
TVTPATH
TVTPBITL
TVTPDAAD
TVTPJCL
TVTPJCLP
TVTPPAGS
TVTPRCDS
TVTPRCEN
TVTPREFR
TVTPRSUB
TVTPSDMX
TVTPSDUS
TVTPSSCH
TVTPTATS
TVTPTCAD
TVTPTCKP
TVTPTECF

Name

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
TVTRD280
TVTRD290
TVTRD300
TVTRD305
TVTRD310
TVTRD315
TVTRD330
TVTRD345
TVTRD350
TVTRD360
TVTRD403
TVTRD405
TVTRD410
TVTRD420
TVTRD425
TVTRD430
TVTRD460
TVTRD465
TVTRD480
TVTREFRS
TVTREQUI
TVTRETNT
TVTRFN01
TVTRFN02

Name

TVTRFN04
TVTRFN08
TVTRFN10
TVTRFN20
TVTRFN40

TVTRF201
TVTRF202
TVTRF204
TVTRF208
TVTRF210

TVTRJPAC
TVTRJPCP
TVTRJPDI
TVTRMFF
TVTRM7F

TVTRM80
TVTRQCAD
TVTRSF10
TVTRSV01
TVTRS00F

TVTRS010
TVTRS040
TVTRS060
TVTRS090
TVTRS120

TVTRS130
TVTRS140
TVTRS150
TVTRS210
TVTRS219

TVTRS220
TVTRS221
TVTRS230
TVTRS260
TVTRS270

TVTRS280
TVTRS310
TVTRS360
TVTRS370
TVTRS375

TVTRS380
TVTRS420
TVTRS480
TVTRTAB
TVTRTAT

TVTRU050
TVTRU080
TVTRU120
TVTRU130
TVTRU150

TVTRU160
TVTRU210
TVTRU230
TVTRU260
TVTRU270

TVTRU310
TVTRU320
TVTRU350
TVTRU370
TVTRU390

Name

TVTRU410
TVTRU430
TVTSAFCL
TVTSAPWQ
TVTSBCNT
TVTSBPSY
TVTSBPUS
TVTSCANI
TVTSCPSC
TVTSDA
TVTSDEAD
TVTSDION
TVTSDMSG
TVTSDSI
TVTSETUP
TVTSIOSV
TVTSJFWK
TVTSLOTL
TVTSMFCH
TVTSMFFL
TVTSMFFO
TVTSMFOP
TVTSMS
TVTSMSCX
TVTSMSET
TVTSNAPN
TVTSNECB
TVTSNFDB
TVTSNNUM
TVTSNPNA
TVTSOCK
TVTSOSRQ
TVTSP
TVTSPADD
TVTSPAGS
TVTSPCHG
TVTSPCK
TVTSPDEF
TVTSPDEL
TVTSPFLC
TVTSPFLG
TVTSPFL2
TVTSPID
TVTSPINT
TVTSPLST
TVTSPMSG
TVTSPPCH
TVTSPPCK
TVTSPPFL
TVTSPREL
TVTSPREP
TVTSPRPL
TVTSPSTT
TVTSPTAP
TVTSPUNV
TVTSQE
TVTSSAUX
TVTSSDSP
TVTSSDST
TVTSSNM

Name

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
TVTTELEN
TVTTELS
TVTTELTP
TVTTGBAD
TVTTGBUP
TVTTHWS
TVTTJDSA
TVTTOKEN
TVTTRC2
TVTTRC3
TVTTSOPM
TVTTSOPR
TVTTSOPS
TVTTVTC
TVTTVTF
TVTUAGET
TVTUCDCI
TVTUTIC
TVTUXL
TVTVALID
TVTVIOPM
TVTVIRT
TVTVPTH
TVTVRECF

Name

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
TVTXCNDB
TVTXCS03
TVTXCS06
TVTXCS07
TVTXCS08
TVTXCS09
TVTXCS10
TVTXCS11
TVTXCS12
TVTXDELY
TVTXDPL
TVTXECTL
TVTXEFRW
TVTXENF
TVTXEWRK
TVTXE7SW
TVTXGCL
TVTXGCTB
TVTXGENF
TVTXGGSM
TVTXGITB
TVTXGNTB
TVTXGPDS
TVTXGSG

Name

TVTXGSRQ
TVTXGSTB
TVTXGWCK
TVTXGWLN
TVTXGXTB

TVTXITRC
TVTXJCT
TVTXJDTB
TVTXJLOK
TVTXJQE

TVTXJSPC
TVTXJXGT
TVTXM702
TVTXM703
TVTXPLXI

TVTXRCL
TVTXRJPC
TVTXSCSV
TVTXSQE
TVTXSSCR

TVTXSSEV
TVTXSST
TVTXSSTB
TVTXSTTM
TVTXTOD

TVTXTODF
TVTXTRCD
TVTXWCLF
TVTXWDSL
TVTXWLM

TVTXWSEL
TVTXWSRV
TVTX83C
TVTX83D
TVTX83N

TVTX83P
TVTX83R
TVTYOSD
TVTYSYSL
TVTZERO

TVTZEROX
TVT3100D
TVT8500D
UAVLFLG
UNLIMITED_DSP_COUNT

UNLIMITED_JOB_COUNT

UNLIMITED_JOB_COUNT2

UNLOCKED
VATAFCT
VGETFCT
VGETRSQ
WARMSTRT

WRTCHAIN
WTD
WTDQUE
XCFDEFGP
XCFGRPNM

Name

ZBORROW
ZCARRY
ZERO
ZEROCORE
ZEROS

ZNBORROW
ZNCARRY

IATYMVDA Information

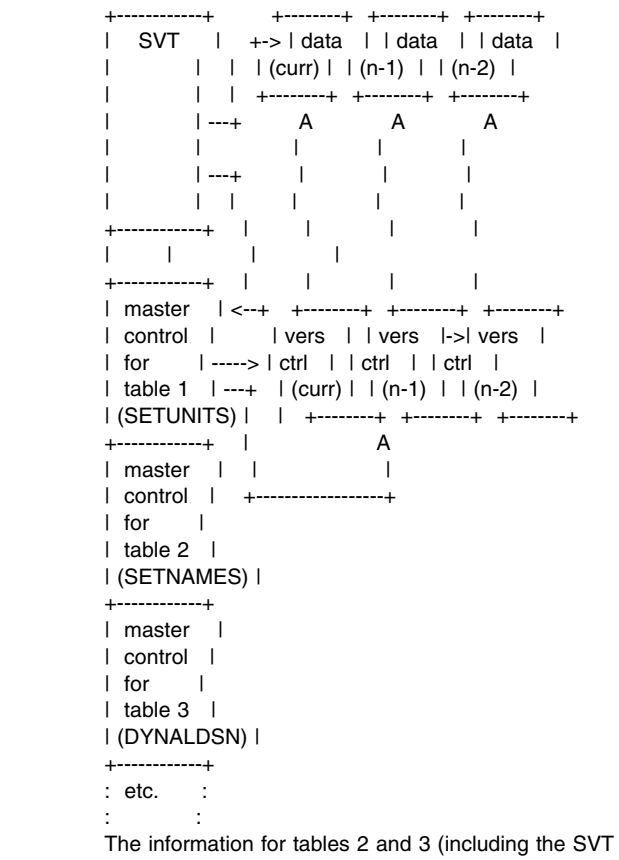
IATYMVDA Heading Information

Common Name: Multi-version Data Access control information
Macro ID: IATYMVDA
DSECT Name: MVDAMSTR, MVDAVERS, MVDATOKN
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: MVDAMSTR, MVDAVERS, MVDATOKN
Offset: 0
Length: 4
Storage Attributes: Main Storage: Any
Subpool: CSA
Key: 0
Size: MVDAMSIZ bytes (master control area)
Created by: IATGRMVD
Pointed to by: SVTMCTRA (Master control)
Serialization: None

IATYMVDA Map

Function:

This macro maps the data that is used by JES3 to control access to data areas that have multiple versions.
This macro consists of a master control area (there is one for each table being controlled in this way) and one or more version control areas. There is one version control area for each version of the table. One of these versions is the "current" version; all others are "old" versions. In this context "version" does not refer to a version of JES3, but rather a version of the table built from a configuration based on statements from an initialization stream. Furthermore, it does not require a hot start with refresh to create a new version of a table. A hot start creates one, with contents identical to the previous version of the table.
Storage is mapped as follows:



The information for tables 2 and 3 (including the SVT pointers to the current data) are not shown here in order to save space and clutter, but they are similar to those for table 1. The master control areas correspond to different tables. There is no theoretical limit on how many master control areas there are (and therefore, how many tables are controlled in this manner).
Also not shown are the backward pointers from the version control areas to the associated master control area, and the MVDA tokens.

IATYMVDA Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	MVDAMSTR	,
0	(0)	CHARACTER	8	MVDAMSID	Eye catcher

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
8	(8)	ADDRESS	4	MVDACVCT	Pointer to the version control area for the current version of the table
12	(C)	ADDRESS	4	MVDAOVCT	Pointer to the version control area for the first old version of the table
16	(10)	ADDRESS	4	MVDABVCT	Pointer to the version control area for the table being built prior to COMMIT (also known as the pending version)
20	(14)	ADDRESS	1	MVDATTYP	Table type
21	(15)	BITSTRING	3	MVDAMRD6	Reserved for development
24	(18)	DBL WORD	8	MVDAUSE (0)	Total use count structure used to serialize (via CDS) simultaneous updates to the current and old use counts. MVDACUSE when updated alone can use CS. MVDAOUSE must not be updated alone.
24	(18)	SIGNED	4	MVDACUSE	Master control area use count due to accesses of the current version of the table (must be updated using serialization)
28	(1C)	SIGNED	4	MVDAOUSE	Master control area use count due to accesses of an old version of the table (see MVDAUSE), not updated directly but accumulated mith MVDACUSE when a current version moves to the old version list
32	(20)	ADDRESS	4	MVDABTKN	Pointer to build token
36	(24)	SIGNED	4	MVDAMRD1	Reserved for development
40	(28)	SIGNED	4	MVDAMRD2	Reserved for development
44	(2C)	SIGNED	4	MVDAMRD3	Reserved for development
48	(30)	SIGNED	4	MVDAMRD4	Reserved for development
52	(34)	SIGNED	4	MVDAMRS1	Reserved for service
56	(38)	SIGNED	4	MVDAMRS2	Reserved for service
60	(3C)	SIGNED	4	MVDAMRS3	Reserved for service
64	(40)	SIGNED	4	MVDAMRS4	Reserved for service
68	(44)	SIGNED	4	MVDAMRS5	Reserved for service
72	(48)	DBL WORD	8	MVDAMEND (0)	End of master control area, must end on doubleword
72	(48)	X'48'	0	MVDAMSIZ	"MVDAMEND-MVDAMSTR" Size of master control area
72	(48)	X'0'	0	MVDAMSTE	"MVDAMSTR,MVDAMSIZ" Equate for clearing area

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	MVDAVERS	,
0	(0)	CHARACTER	8	MVDAVRID	Eye catcher
8	(8)	ADDRESS	4	MVDAVNXT	Forward chain pointer
12	(C)	ADDRESS	4	MVDAVTAB	Pointer to the table controlled by this version control area
16	(10)	SIGNED	4	MVDATSIZ	Table size for the version of the table being controlled
20	(14)	SIGNED	4	MVDAVUSE	Use count for the version of the table being controlled (must be updated using serialization)
24	(18)	ADDRESS	4	MVDAMCTL	Pointer to the master control area
28	(1C)	ADDRESS	4	MVDATMFL	Alternate field to get an area within the table other than the start
32	(20)	SIGNED	4	MVDAVRD1	Reserved for development
36	(24)	SIGNED	4	MVDAVRD2	Reserved for development
40	(28)	SIGNED	4	MVDAVRD3	Reserved for development
44	(2C)	SIGNED	4	MVDAVRD4	Reserved for development
48	(30)	SIGNED	4	MVDAVRD5	Reserved for development
52	(34)	SIGNED	4	MVDAVRS1	Reserved for service
56	(38)	SIGNED	4	MVDAVRS2	Reserved for service
60	(3C)	SIGNED	4	MVDAVRS3	Reserved for service
64	(40)	SIGNED	4	MVDAVRS4	Reserved for service
68	(44)	SIGNED	4	MVDAVRS5	Reserved for service
68	(44)	X'48'	0	MVDAVEND	"*" End of version control area
68	(44)	X'48'	0	MVDAVSIZ	"MVDAVEND-MVDAVERS" Size of a long version control area
68	(44)	X'0'	0	MVDAVERE	"MVDAVERS,MVDAVSIZ" Equate for clearing area

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	MVDATOKN	,
0	(0)	CHARACTER	8	MVDATKID	Eye catcher
8	(8)	ADDRESS	4	MVDTKRES	RESMGR token
12	(C)	SIGNED	4	MVDTKRPM (2)	RESMGR parameter area
20	(14)	ADDRESS	4	MVDTKVCT	Version control area

Comment

,MVDRADDL RESMGR ADD,
, MF=L

End of Comment

24	(18)	SIGNED	4	MVDRADDL (0)	LIST NAME
24	(18)	BITSTRING	1		VERSION NUMBER
25	(19)	BITSTRING	1		FLAGS BYTE
26	(1A)	BITSTRING	1		LINKAGE TYPE
27	(1B)	BITSTRING	1		REQUEST=ADD
28	(1C)	BITSTRING	2		RESERVED
30	(1E)	SIGNED	2		ASID
32	(20)	ADDRESS	4		TCB ADDRESS
36	(24)	ADDRESS	4		ROUTINE ADDRESS
40	(28)	ADDRESS	4		TOKEN ADDRESS
44	(2C)	ADDRESS	4		ECB ADDRESS
48	(30)	ADDRESS	4		PARAM ADDRESS
52	(34)	ADDRESS	4		TTOKEN ADDRESS
52	(34)	X'38'	0	MVDTKRAE	"*" End of RESMGR parameter list
52	(34)	X'20'	0	MVDTKRAS	"MVDTKRAE-MVDRADDL" Size of RESMGR parameter list

Comment

,MVDRDELL RESMGR DELETE,
, MF=L

End of Comment

56	(38)	SIGNED	4	MVDRDELL (0)	LIST NAME
56	(38)	BITSTRING	1		VERSION NUMBER
57	(39)	BITSTRING	1		FLAGS BYTE
58	(3A)	BITSTRING	1		LINKAGE TYPE
59	(3B)	BITSTRING	1		REQUEST=DELETE
60	(3C)	BITSTRING	2		RESERVED
62	(3E)	SIGNED	2		ASID
64	(40)	ADDRESS	4		TCB ADDRESS
68	(44)	ADDRESS	4		ROUTINE ADDRESS
72	(48)	ADDRESS	4		TOKEN ADDRESS
76	(4C)	ADDRESS	4		ECB ADDRESS
80	(50)	ADDRESS	4		PARAM ADDRESS
84	(54)	ADDRESS	4		TTOKEN ADDRESS
84	(54)	X'58'	0	MVDTKRDE	"*" End of RESMGR parameter list
84	(54)	X'20'	0	MVDTKRDS	"MVDTKRDE-MVDRDELL" Size of RESMGR parameter list
84	(54)	X'58'	0	MVDATEND	"*" End of token area
84	(54)	X'58'	0	MVDATKSZ	"MVDATEND-MVDATOKN" Size of token area
84	(54)	X'0'	0	MVDATOKE	"MVDATOKN,MVDATKSZ" Equate for clearing area

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	MVFTNTRY	
0	(0)	ADDRESS	4	MVFTADDR	Table entry routine address
0	(0)	X'4'	0	MVFTEND	"*" End of entry
0	(0)	X'4'	0	MVFTSIZE	"MVFTEND-MVFTNTRY" Size of one entry
0	(0)	X'0'	0	MVFTNTRE	"MVFTNTRY,MVFTSIZE" Equate for clearing entry

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	MVDTNTRY	
0	(0)	ADDRESS	4	MVDTDOFF	SVT data offset
0	(0)	X'4'	0	MVDTVEND	"*" End of entry
0	(0)	X'4'	0	MVDTSIZE	"MVDTVEND-MVDTNTRY" Size of one entry
0	(0)	X'0'	0	MVDTNTRE	"MVDTNTRY,MVDTSIZE" Equate for clearing entry

IATYMVDA Cross Reference

Name

MVDABTKN
MVDABVCT
MVDACUSE
MVDACVCT
MVDAMCTL

MVDAMEND
MVDAMRD1
MVDAMRD2
MVDAMRD3
MVDAMRD4

MVDAMRD6
MVDAMRS1
MVDAMRS2
MVDAMRS3
MVDAMRS4

MVDAMRS5
MVDAMSID
MVDAMSIZ
MVDAMSTE
MVDAMSTR

MVDAOUSE
MVDAOVCT
MVDATEND
MVDATKID
MVDATKSZ

MVDATMFL
MVDATOKE
MVDATOKN
MVDATSIZ
MVDATTYP

MVDAUSE
MVDAVEND
MVDAVERE
MVDAVERS
MVDAVNXT

MVDAVRD1
MVDAVRD2
MVDAVRD3
MVDAVRD4
MVDAVRD5

MVDAVRID
MVDAVRS1
MVDAVRS2
MVDAVRS3
MVDAVRS4

MVDAVRS5
MVDAVSIZ
MVDAVTAB
MVDAVUSE
MVDRADDL

IATYMVDA Cross Reference

Name

MVDRDELL
MVDTDOFF
MVDTKRAE
MVDTKRAS
MVDTKRDE
MVDTKRDS
MVDTKRES
MVDTKRPM
MVDTKVCT
MVDTNTRE
MVDTNTRY
MVDTSIZE
MVDTVEND
MVFTADDR
MVFTEND
MVFTNTRE
MVFTNTRY
MVFTSIZE

IATYMWTO Information

IATYMWTO Programming Interface information

Programming Interface information

IATYMWTO

End of Programming Interface information

IATYMWTO Heading Information

Common Name: JES3 FSS MULTI-LINE WTO MAPPING MACRO
Macro ID: IATYMWTO
DSECT Name: NONE
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: FSS Address Space
Auxiliary Storage: N/A
Size: 313 bytes
Created by: IATFCMS
IATSICD
Pointed to by: N/A
Serialization: None
Function: The IATYMWTO macro is used to generate an FSS multi-line WTO mapping for messages issued by the FSS address space.
This is to assure commonality between the DSECT and definitions in the module.

IATYMWTO Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	SIGNED	4	FCMWTOA4 (0)	
0	(0)	ADDRESS	2		TEXT LENGTH
2	(2)	BITSTRING	2		MCSFLAGS
4	(4)	CHARACTER	53		
74	(4A)	ADDRESS	1		VERSION LEVEL
75	(4B)	BITSTRING	1		MISCELLANEOUS FLAGS
76	(4C)	ADDRESS	1		REPLY LENGTH
77	(4D)	ADDRESS	1		RESERVED
78	(4E)	BITSTRING	2		EXTENDED MCS FLAGS
80	(50)	ADDRESS	2		RESERVED
82	(52)	ADDRESS	4		REPLY BUFFER ADDRESS
86	(56)	ADDRESS	4		REPLY ECB ADDRESS
90	(5A)	ADDRESS	4		CONNECT ID
94	(5E)	BITSTRING	2		DESCRIPTOR CODES
96	(60)	ADDRESS	2		RESERVED
98	(62)	BITSTRING	16		
114	(72)	BITSTRING	2		MESSAGE TYPE
116	(74)	ADDRESS	2		MESSAGE'S PRIORITY
118	(76)	CHARACTER	8		JOB ID
126	(7E)	CHARACTER	8		JOB NAME
134	(86)	CHARACTER	8		RETRIEVAL KEY
142	(8E)	ADDRESS	4		TOKEN FOR DOM
146	(92)	ADDRESS	4		CONSOLE ID
150	(96)	CHARACTER	8		SYSTEM NAME
158	(9E)	ADDRESS	4		RESERVED
162	(A2)	ADDRESS	4		RESERVED
166	(A6)	BITSTRING	2		LINE TYPE
168	(A8)	BITSTRING	1		AREA ID
169	(A9)	ADDRESS	1		TOTAL NUMBER OF LINES X02007
170	(AA)	ADDRESS	2		MESSAGE LENGTH
172	(AC)	BITSTRING	2		LINE TYPE
174	(AE)	CHARACTER	32		
206	(CE)	ADDRESS	2		MESSAGE LENGTH
208	(D0)	BITSTRING	2		LINE TYPE
210	(D2)	CHARACTER	31		
241	(F1)	ADDRESS	2		MESSAGE LENGTH
243	(F3)	BITSTRING	2		LINE TYPE
245	(F5)	CHARACTER	53		
253	(FD)	X'12D'	0	FCMWTOL4	"*-FCMWTOA4" TEXT LENGTH 0417
301	(12D)	CHARACTER	5	FCMWL1T	1.LINE IAT69 0694
306	(132)	CHARACTER	2	FCMWMID	MESSAGE ID
308	(134)	CHARACTER	1		SPACE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
309	(135)	CHARACTER	62	FCMWTX1	MESSAGE TEXT - 1ST LINE
371	(173)	CHARACTER	1	FCMWTX1E (0)	END OF 1ST LINE
371	(173)	CHARACTER	12	FCMWL2T	LINE 2 TEXT 0694
383	(17F)	CHARACTER	8	FCMWFSSN	FSS NAME
391	(187)	CHARACTER	1	(2)	DELIMITER, LEFT PARENTHESIS
393	(189)	CHARACTER	4	FCMWFSID	FSS ID
397	(18D)	CHARACTER	1		DELIMITER
398	(18E)	CHARACTER	4	FCMWFSAD	FSA ID
402	(192)	CHARACTER	1		RIGHT PARENTHESIS
403	(193)	CHARACTER	1	FCMWTX2E (0)	END OF 2ND LINE 0694
403	(193)	CHARACTER	12	FCMWL3T	MESSAGE ID, JOB, SPACE 0694
415	(19F)	CHARACTER	8	FCMWJBNM	JOB NAME
423	(1A7)	CHARACTER	1	(2)	DELIMITER, LEFT PARENTHESIS
425	(1A9)	CHARACTER	8	FCMWJBID	JOB ID
433	(1B1)	CHARACTER	1		CLOSING PARENTHESIS 0417
434	(1B2)	CHARACTER	1	FCMWTX3E (0)	END OF 3RD LINE 0694
434	(1B2)	CHARACTER	12	FCMWL4T	MESSAGE ID, DSN 0694
446	(1BE)	CHARACTER	44	FCMWDSNM	FULLY QUALIFIED DSN
490	(1EA)	CHARACTER	1	FCMWTX4E (0)	END OF 4TH LINE 0694

IATYMWTO Cross Reference

Name

FCMWDSNM
FCMWFSAD
FCMWFSID
FCMWFSSN
FCMWJBID

FCMWJBNM
FCMWL1T
FCMWL2T
FCMWL3T
FCMWL4T

FCMWMID
FCMWTOA4
FCMWTOL4
FCMWTX1
FCMWTX1E

FCMWTX2E
FCMWTX3E
FCMWTX4E

IATYNAM Information

IATYNAM Heading Information

Common Name: Format of setnames table entries
Macro ID: IATYNAM
DSECT Name: NAMSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: none
Storage Attributes: Main Storage: subpool 241
Auxiliary Storage: N/A
Size: 40 bytes
Created by: IATINMD
Pointed to by: SETNAMES IN IATYTVT
SVTSETNM IN IATYSVT
Serialization: NONE
Function: THE SETNAMES TABLE CONTAINS ENTRIES FOR GENERIC AND ESOTERIC UNIT NAMES. THESE ARE USED BY MDS TO CORRELATE A UNIT NAME SPECIFIED ON A DD STATEMENT WITH ONE OR MORE SETUP DEVICES.

IATYNAM Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	NAMSTART	
0	(0)	CHARACTER	8	NAME	DEVICE NAME OR X'FF' FOR HDR
8	(8)	BITSTRING	1	NAMETYPE	DEVICE TYPE CODE
9	(9)	BITSTRING	1	NAMEFLAG	NAMEFLAG FLAG BYTE
		Comment			

		DEFINITION OF NAMEFLAG.			

		End of Comment			
		1...		NAMTAPE	"X'80'" NAME FOR TAPE DEVICE
		.1..		NAMDACC	"X'40'" NAME FOR DIRECT ACCESS DEV
		..1.		NAMUR	"X'20'" NAME FOR UNIT RECORD DEVICE
		...1		NAMGR	"X'10'" NAME FOR GRAPHIC DEVICE
		.... 1...		NAMUNVFY	"X'08'" INIT VERIFICATION COMPLETE
		.... .1..		NAMDUP	"X'04'" DUPLICATE XTYPE CONTAINS DUPLICATE NAME
		.... ..1.		NAMPOOL	"X'02'" NAME FOR POOL DEVICES
		1		NAMALT	"X'01'" ALTERNATE SETNAMES EXISTS FOR THIS DEVICE NAME, NAMALTAD POINTS TO THE ALTERNATE SETNAMES
9	(9)	X'F0'	0	NAMDEV	"NAMTAPE+NAMDACC+NAMUR+NAMGR" ALL DEV TYPES MASK
10	(A)	BITSTRING	2	NAMDAC	COUNT OF AVAILABLE DEVICES
12	(C)	BITSTRING	2	NAMDUAC	COUNT OF UNAVAILABLE DEVICES
16	(10)	ADDRESS	4	NAMALTAD	ALTERNATE SETNAMES ADDRESS
20	(14)	BITSTRING	1	NAMFLAG1	FLAG BYTE
		Comment			

		DEFINITION OF NAMFLAG1			

		End of Comment			
		1...		NAMOVRID	"X'80'" OVERRIDING ESOTERIC UNIT
21	(15)	BITSTRING	1	NAMRSVD	RESERVED FOR DEVELOPMENT

IATYNAM Cross Reference

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
22	(16)	BITSTRING	2	NAMLISTC	COUNT OF LIST REQUESTS
24	(18)	BITSTRING	2	NAMRSVU	RESERVED FOR USER
26	(1A)	BITSTRING	1	NAMEND (0)	END OF SET NAMES ENTRY
26	(1A)	BITSTRING	1	NAMSIZE (0)	SIZE OF ENTRY = L'NAMSIZE
26	(1A)	X'2'	0	NAMTERM	"NAME+2" LOC IS X'FF' AT END OF TABLE

Comment

FORMAT OF A HEADER ENTRY

End of Comment

0	(0)	BITSTRING	1	HDRSTART	HEADER ENTRY INDICATOR
1	(1)	BITSTRING	1	HDRTYPE	DEVICE TYPE CODE AND XTYPE
2	(2)	CHARACTER	8	HDRXTYPE	OF NAMES UNTIL NEXT HEADER
10	(A)	BITSTRING	2	NAMHRSVD	RESERVED FOR DEVELOPMENT
12	(C)	BITSTRING	4	NAMHRSVS	RESERVED FOR SERVICE
16	(10)	BITSTRING	4	NAMHRSVU	RESERVED FOR USER

IATYNAM Cross Reference

Name

HDRSTART
HDRTYPE
HDRXTYPE
NAMALT
NAMALTAD

NAMDAC
NAMDACC
NAMDEV
NAMDUAC
NAMDUP

NAME
NAMEFLAG
NAMEND
NAMETYPE
NAMFLAG1

NAMGR
NAMHRSVD
NAMHRSVS
NAMHRSVU
NAMLISTC

NAMOVRID
NAMPOOL
NAMRSVD
NAMRSVU
NAMSIZE

NAMSTART
NAMTAPE
NAMTERM
NAMUNVFY
NAMUR

IATYNBF Information

IATYNBF Programming Interface information

Programming Interface information

IATYNBF

End of Programming Interface information

IATYNBF Heading Information

Common Name: NETWORKING COMMAND/MESSAGE TRANSMISSION QUEUE ENTRY
Macro ID: IATYNBF
DSECT Name: NJECNSBF
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: none
Storage Attributes: Main Storage: JESPOOL
Auxiliary Storage: N/A
Size: 84 bytes
Created by: IATNTDR, IATCNMR, IATBDCI, IATCNNJ
Pointed to by: FRSTCNSB IN IATYNDT
FRSTICMD, FRSTRESP, FRSTIMSG, FRSTTSO,
FRSTCMD, FRSTREJT, FRSTSNA & FRSTMSG
IN IATYNCQ
TCPFNMR, TCPLNMR in IATYTCP
Serialization: none
Function: THIS MACRO MAPS COMPRESSED CONSOLE RECORDS THAT ARE
QUEUED TO BE TRANSMITTED TO ANOTHER NODE IN THE NETWORK.
IT ALSO MAPS QUEUE ENTRIES OF MESSAGES AND COMMANDS
RECEIVED FROM ANOTHER NODE IN THE NETWORK.

IATYNBF Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	NJECNSBF	
0	(0)	SIGNED	4	NJCNBFCH	- PTR TO NEXT COMMAND/MESSAGE BUFFER
4	(4)	CHARACTER	8	NJCNPATH	NAME OF PATH NODE
12	(C)	CHARACTER	8	NJCNSOCK	Name of path socket
20	(14)	SIGNED	2	NJCNBFLN	- LENGTH OF BUFFER
20	(14)	X'16'	0	NJCNFSIZ	"*-NJECNSBF" SIZE OF FIXED PORTION
22	(16)	CHARACTER	1	NJCNBFTX	NODAL MESSAGE RECORD

IATYNCB Information

IATYNCB Heading Information

Common Name: JES3 NET CONTROL BLOCK (NCB)
Macro ID: IATYNCB
DSECT Name: NCBENTRY, NCBSUCC
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: none
Storage Attributes: Main Storage: READ IN VIA JSAM BUFFER
Auxiliary Storage: JES3 SPOOL
Size: NCBSIZE - 54 bytes
NCBSUSIZ - 10 bytes
Created by: IATISNT
Pointed to by: JNNCBFDB IN IATYJNT
JCTDJCFB IN IATYJCT
Serialization: none
Function: MAPS //*NET CONTROL STATEMENT INFORMATION
FOR JOBS IN A DJC NET

IATYNCB Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	NCBSTART	
0	(0)	BITSTRING	6	NCBTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	NCBCNT	USER COUNT.
8	(8)	CHARACTER	4	NCBID	FILE ID.
12	(C)	BITSTRING	12	NCBCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	NCBVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	NCBDATA (0)	START OF USER DATA AREA.
28	(1C)	ADDRESS	2	NCBFSIZE	- SIZE OF NCB PREFIX
32	(20)	SIGNED	4	NCBTERM	- DISPLACEMENT TO BUFFER TERMINATOR
36	(24)	SIGNED	4	NCBRSVD1	- RESERVED FOR IBM
40	(28)	SIGNED	4	NCBFEND (0)	- END OF NCB PREFIX
40	(28)	BITSTRING	1	NCBPSIZE (0)	- SIZE OF PREFIX

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	NCBENTRY	
0	(0)	ADDRESS	2	NCBVSIZE	- SIZE OF 1ST VARIABLE PORTION
2	(2)	CHARACTER	8	NCBJOBNM	- JOBNAME 4
10	(A)	SIGNED	2	NCBJOBNC	Compatible with NCBJOBNO - see IATXJBNO macro
12	(C)	SIGNED	2	NCBHRCNT	- HOLD/RELEASE COUNT
14	(E)	SIGNED	2	NCBSRCNT	- SCHEDULE RELEASE COUNT
16	(10)	CHARACTER	8	NCBRLNET	- RELEASE NET NETID
24	(18)	CHARACTER	8	NCBRLJOB	- JOBNAME IN REL NET TO BE RELEASED
32	(20)	CHARACTER	1	NCBJPRTY	- JOB PRIORITY
33	(21)	CHARACTER	1	NCBFLAG1	- NCB FLAG1

Comment

```
------------------------------------------------------------------------
          DEFINITION OF NCBFLAG1
------------------------------------------------------------------------
```

End of Comment

....1	NCBSUCUP	"X'01'" - THIS JOBS SUCCESSORS WERE UPDATED
.... ..1.	NCBJCTR	"X'02'" - JCT HAS BEEN RELEASED FROM HOLD
.... .1..	NCBPRDUP	"X'04'" - THIS JOB WAS UPDATED BY A PREDECESSR
.... 1...	NCBRSOCJ	"X'08'" - RESUBMITTAL OF COMPLETED JOB
...1	NCBNMAIN	"X'10'" - NO MAIN SE
..1.	NCBJBFAL	"X'20'" - JOB FAILED AT RDR/INTERPRETER TIME
.1..	NCBCOMP	"X'40'" - JOB HAS COMPLETED

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		1...		NCBNOCHG	"X'80'" - NO CHANGES, BYPASS AWRITE
34	(22)	CHARACTER	1	NCBFLAG2	- NCB FLAG2
		Comment			
		DEFINITION OF NCBFLAG2			
		End of Comment			
		1		NCBJBABN	"X'01'" - JOB ABNORMALLY COMPLETED
		.... ..1.		NCBNHOLD	"X'02'" - JOB IS IN NET HOLD
		.... .1..		NCBMSVC	"X'04'" - THIS NCB IS MISSING A SUCCESSOR
		.... 1...		NCBMSUBN	"X'08'" - JOB MISSING A SUCCESSOR IN A SUB-NET
		...1		NCBRSUB	"X'10'" - JOB CAN BE RESUBMITTED
		..1.		NCBNULL	"X'20'" - THIS IS A NULL NCB
		.1..		NCBNULLP	"X'40'" - NULL NCB PROCESSED BY JSS
		1...		NCBOPHLD	"X'80'" - JOB IS IN OPERATOR HOLD
35	(23)	CHARACTER	1	NCBFLAG3	- NCB FLAG3
		Comment			
		DEFINITION OF NCBFLAG3			
		End of Comment			
		1		NCBNPCF	"X'01'" - FLUSH THIS JOB ON NORMAL PRED COMP
		.... ..1.		NCBNPCR	"X'02'" - RETAIN THIS JOB ON NORMAL PRED COMP
		.... .1..		NCBNPCD	"X'04'" - DECREMENT ON NORMAL PRED COMPLETION
		.... 1...		NCBAPCR	"X'08'" - RETAIN THIS JOB ON ABNORMAL PRED COM
		...1		NCBAPCF	"X'10'" - FLUSH THIS JOB ON ABNORMAL PRED COMP
		..1.		NCBAPCD	"X'20'" - DECREMENT JOB ON ABNORMAL PRED COMP
36	(24)	CHARACTER	1	NCBFLAG4	- NCB FLAG4
		Comment			
		DEFINITION OF NCBFLAG4			
		End of Comment			
		1		NCBEFBRL	"X'01'" - RELEASE EFB HAS BEEN BUILT
		.... ..1.		NCBWTDHD	"X'02'" - OPERATOR HOLD WTD HAS BEEN BUILT
		.... .1..		NCBEFBRQ	"X'04'" - RELEASE RESQUEUE FLAG
		.... 1...		NCBWTDRL	"X'08'" - OPERATOR RELEASE WTD HAS BEEN BUILT
		...1		NCBWTDCN	"X'10'" - OPERATOR CANCEL WTD HAS BEEN BUILT
		..1.		NCBWTDFH	"X'20'" - OPERATOR FLUSH WTD HAS BEEN BUILT
		.1..		NCBFLUSH	"X'40'" - FLUSH THIS JOB
		1...		NCBFLSHP	"X'80'" - FLUSH PROCESSED
37	(25)	CHARACTER	1	NCBFLAG5	- NCB FLAG5
		Comment			
		DEFINITION OF NCBFLAG5			
		End of Comment			
		1...		NCBDREL	"X'80'" JOB RELEASES DEDICATED DEVIC
		.1..		NCBISPRC	"X'40'" INPUT SERVICE IN PROCESS

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		..1.		NCBCTUPD	"X'20'" COMPLETED COUNT UPDATED
		...1		NCBDUP	"X'10'" THIS NCB IS A DUPLICATE
38	(26)	SIGNED	2	NCBSUCNT	- NUMBER OF SUCCESSORS X 10
40	(28)	CHARACTER	1	NCBFLAG6	NCBFLAG6

Comment

DEFINITION OF NCBFLAG6

End of Comment

		1...		NCBNRBHO	"X'80'" NRCMP=HOLD SPECIFIED
		.1..		NCBNRBNH	"X'40'" NRCMP=NOHO SPECIFIED
		..1.		NCBNRBFL	"X'20'" NRCMP=FL SPECIFIED
		...1		NCBABKEP	"X'10'" KEEP NET IF JOB ABENDS
		.... 1...		NCBABNKP	"X'08'" NO KEEP NET IF JOB ABENDS
		.... .1..		NCBSTPTM	"X'04'" STEP TERMINATION PROCESSED
41	(29)	BITSTRING	1	NCBVER	Version number
		1		NCBVER01	"X'01'" Version number 1
41	(29)	X'1'	0	NCBCVER	"NCBVER01" Current version
42	(2A)	CHARACTER	1	NCBRSVD2 (2)	Reserved for IBM
44	(2C)	SIGNED	4	NCBRSVU	- RESERVED FOR USER
44	(2C)	X'30'	0	NCBVEND0	"*" End of version 0 NCB fixed portion
48	(30)	BITSTRING	1	NCBSIZE0 (0)	Size of version 0 fixed portion

Comment

Version 1 fields - these are present only when
NCBVER is at least NCBVER01.

End of Comment

48	(30)	SIGNED	4	NCBJOBNO	Binary job number
52	(34)	BITSTRING	8	NCBTMDTE	Time/date net entered system18463TAC
60	(3C)	SIGNED	4	NCBRSVD3 (8)	Reserved for IBM 18463TAC
92	(5C)	SIGNED	4	NCBVEND (0)	- END OF NCB FIXED ENTRY
92	(5C)	BITSTRING	1	NCBSIZE (0)	- SIZE OF FIXED PORTION

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	NCBSUCC	
0	(0)	CHARACTER	8	NCBSUCCJ	- JOBNAME OF SUCCESSOR
8	(8)	BITSTRING	1	NCBSFLAG	SUCCESSOR FLAGS

Comment

DEFINITION OF NCBSFLAG

End of Comment

		1...		NCBSMISS	"X'80'" THIS SUCCESSOR IS MISSING
		.1..		NCBSUPDT	"X'40'" THIS SUCCESSOR WAS UPDATED
9	(9)	BITSTRING	1	NCBSRESV	RESERVED AREA
9	(9)	X'A'	0	NCBSUEND	"*" END OF SUCCESSOR ENTRY
9	(9)	X'A'	0	NCBSUSIZ	"NCBSUEND-NCBSUCC" SIZE OF SUCCESSOR ENTRY

IATYNCB Cross Reference

Name

NCBABKEP
NCBABNKP
NCBAPCD
NCBAPCF
NCBAPCR

NCBCHN
NCBCNT
NCBCOMP
NCBCTUPD
NCBCVER

NCBDATA
NCBDREL
NCBDUP
NCBEFBRL
NCBEFBRQ

NCBENTRY
NCBFEND
NCBFLAG1
NCBFLAG2
NCBFLAG3

NCBFLAG4
NCBFLAG5
NCBFLAG6
NCBFLSHP
NCBFLUSH

NCBFSIZE
NCBHRCNT
NCBID
NCBISPRC
NCBJBABN

NCBJBFAL
NCBJCTR
NCBJOBNC
NCBJOBNM
NCBJOBNO

NCBJPRTY
NCBMSUBN
NCBMSVC
NCBNHOLD
NCBNMAIN

NCBNOCHG
NCBNPCD
NCBNPCF
NCBNPCR
NCBNRBFL

NCBNRBHO
NCBNRBNH
NCBNULL
NCBNULLP
NCBOPHLD

NCBPRDUP
NCBPSIZE
NCBRLJOB
NCBRLNET
NCBRSOCJ

Name

NCBRSUB
NCBRSVD1
NCBRSVD2
NCBRSVD3
NCBRSVU

NCBSFLAG
NCBSIZE
NCBSIZE0
NCBSMISS
NCBSRCNT

NCBSRESV
NCBSTART
NCBSTPTM
NCBSUCC
NCBSUCCJ

NCBSUCNT
NCBSUCUP
NCBSUEND
NCBSUPDT
NCBSUSIZ

NCBTERM
NCBTMDTE
NCBTRK
NCBVEND
NCBVEND0

NCBVER
NCBVER01
NCBVLID
NCBVSIZE
NCBWTDCN

NCBWTDFH
NCBWTDHD
NCBWTDRL

IATYNCF Information

IATYNCF Heading Information

Common Name: New Configuration Data Entry
Macro ID: IATYNCF
DSECT Name: NCFSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: NCF
Offset: 0
Length: 4
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 1
Size: NCFSIZE bytes
Created by: Issuer of IATXCFGS FUNC=ADD_NEW_INFO
Pointed to by: CFSNCFAD in IATYCFGS
NCFNEXT in IATYNCF
Serialization: NONE
Function: This macro contains the information that is associated with the new configuration that is not actually committed to the control blocks and checkpoint areas until initialization has completed successfully. This ensures that information that is changed during a cold, warm, hot, or hot start with refresh is not reflected in the JES3 control blocks until we know that JES3 initialization has completed successfully.
For example, during a hot start with refresh, the FSS/FSA checkpoint record is recreated based on the information in the initialization stream. The old FSS/FSA checkpoint record's FDB is put into the Old Configuration Data Area (OCF), and the new FSS/FSA checkpoint record's FDB is put into the NCF. If JES3 initialization is successful, the FSS/FSA checkpoint FDB in the NCF will be copied to the JES3 Checkpoint Area (CKP), and the old FSS checkpoint FDB (in the OCF) will be purged to free the spool space. If JES3 initialization is not successful, the CKP will still have the old configuration's FSS checkpoint FDB.

IATYNCF Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	NCFSTART	, New Configuration Data Area Entry
0	(0)	CHARACTER	4	NCFID	Control block id
4	(4)	ADDRESS	4	NCFNEXT	Address of next NCF entry
8	(8)	BITSTRING	32	NCFDATA	Up to 32 bytes of data that is to be associated with the new configuration
40	(28)	ADDRESS	8	NCFUPDAD	Address of control block field that is to be updated
48	(30)	CHARACTER	32	NCFDESC	Description of the data

Comment

If a CNDB was specified, the following definitions will be used to format and display message IAT3302:

End of Comment

48	(30)	CHARACTER	8	NCFSTMT	Inish statement name
56	(38)	CHARACTER	8	NCFKEYWD	Inish statement keyword
64	(40)	CHARACTER	8	NCFOLDVL	Old keyword value

IATYNCF Cross Reference

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
72	(48)	CHARACTER	8	NCFNEWVL	New keyword value
80	(50)	SIGNED	2	NCFDLEN	Length of the data
82	(52)	BITSTRING	1	NCFFUNC	Function to be performed on the data

Comment

Definition of NCFFUNC.

End of Comment

82	(52)	X'1'	0	NCFCOPY	"1" The data is to be copied to the control block field. NCFDATA contains the data to be copied.
82	(52)	X'2'	0	NCFSTBIT	"2" The data is a bit mask that is to be set in the control block field. The bit mask is in the first byte of the NCFDATA field.
82	(52)	X'3'	0	NCFRSBIT	"3" The data is a bit mask that is to be reset in the control block field. The bit mask is in the first byte of the NCFDATA field.
82	(52)	X'4'	0	NCFADD	"4" The data is a two or four byte field that is to be added to the control block field.
83	(53)	BITSTRING	1	NCFKEY	Data storage key
84	(54)	ADDRESS	4	NCFCNDB	CNDB address for message IAT3302
88	(58)	DBL WORD	8	NCFEND (0)	End of control block
88	(58)	X'58'	0	NCFSIZE	"NCFEND-NCFSTART" Size of control block

Comment

Values used to create the NCF cellpool.

End of Comment

88	(58)	X'1E'	0	NCFPXTCT	"30" Number of elements in primary extent of the cellpool
88	(58)	X'64'	0	NCFSXTCT	"100" Number of elements in each secondary extent of the cellpool
88	(58)	X'0'	0	NCFSPOOL	"0" Subpool for NCF entries

IATYNCF Cross Reference

Name

NCFADD
NCFCNDB
NCFCOPY
NCFDATA
NCFDESC
NCFDLEN
NCFEND
NCFFUNC
NCFID
NCFKEY
NCFKEYWD
NCFNEWVL
NCFNEXT
NCFOLDVL
NCFPXTCT
NCFRSBIT
NCFSIZE
NCFSPOOL
NCFSTART
NCFSTBIT

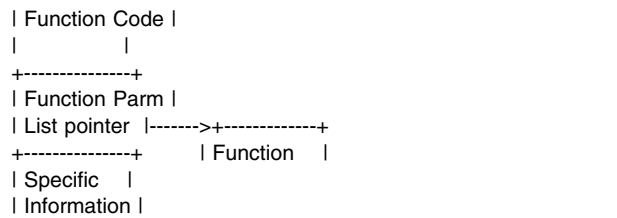
Name

NCFSTMT
NCFSXTCT
NCFUPDAD

IATYNCG Information

IATYNCG Heading Information

Common Name: NJECONS General Routines Parameter lists
Macro ID: IATYNCG
DSECT Name: CNNXMOD, PNDCPARM, BLDCPARM, TERMPARM
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: none
Storage Attributes: Main Storage: JES3 PRIVATE
Auxiliary Storage: N/A
Size: N/A
Created by: IATCNNJ
Pointed to by: N/A
Serialization: none
Function: Parameter lists for passing information to NJE General routines (IATCNNG / IATCNNS). The module parameter list consists of a Function code followed by a pointer to the specific Function Code's parameter list.



Valid Function Codes:
CNNGPNDC -- "Check Pending Command Queue" (IATYNPC) for any old command instances.
CNNSBLDC -- "Build Console Support for command instance"
CNNSDELC -- "Delete Console support for command instance"
CNNSGETM -- "Retrieve command responses from JESXCF and add to NJE Command response queue (IATYNRQ)"
CNNSTERM -- "Cleanup: 1) NJE Command response queue, 2) NJE Pending command queue and assoiciated JESXCF console support"
"DO NOT CHANGE ANY OFFSETS IN THIS MACRO -- Referenced by non-source modules"

IATYNCG Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	CNNXMOD	Module parameter list
0	(0)	CHARACTER	4	CNNXFUNC	Function Code for specific ...operation to invoke
4	(4)	ADDRESS	4	CNNXFPRM	Address of Function code's parameter list (ex, CNNGPNDC)

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	PNDCPARM	"CNNGPNDC" Parm List
0	(0)	ADDRESS	4	PNDCTSF	Pointer to Timer State Flag
4	(4)	ADDRESS	4	PNDCTINT	Pointer to Timer Interval
8	(8)	ADDRESS	4	PNDCTAPP	Pointer to Timer Appendage
12	(C)	ADDRESS	4	PNDCTLST	Pointer to ATIME List Form

IATYNCG Cross Reference

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
Comment					
					--- Settings for PNDCTSF ---
End of Comment					
		1111 1111		PNDCTSFA	"X'FF'" - ATIME is active
		....		PNDCTSFI	"X'00'" - ATIME is NOT active
12	(C)	X'10'	0	PNDCEND	"*" End of PNDC Parm list
12	(C)	X'10'	0	PNDCSIZE	"(PNDCEND-PNDCPARM)" Size of PNDC Parm list

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	BLDCPARM	"CNNSBLDC" Parm List
0	(0)	ADDRESS	4	BLDCFLGA	Pointer to NRQ Post flag
4	(4)	BITSTRING	1	BLDCFLGM	Mask value for post
5	(5)	CHARACTER	3	BLDCRSVD	Reserved for alignment
8	(8)	ADDRESS	4	BLDCNPCA	Pointer to NJE Pending ...Command (NPC) entry to ...build console support for
8	(8)	X'C'	0	BLDCEND	"*" End of BLDC Parm list
8	(8)	X'C'	0	BLDCSIZE	"(BLDCEND-BLDCPARM)" Size of BLDC Parm list

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	TERMPARM	"CNNSBLDC" Parm List
0	(0)	ADDRESS	4	TERMNCQA	Pointer to the NJE Console ...Queue area (YNCQ). Anchor ...control block for "NJE ...Command Response Queue (NRQ) ...and NJE Pending Command ...Queue (NPC)
0	(0)	X'4'	0	TERMEND	"*" End of TERM Parm list
0	(0)	X'4'	0	TERMSIZE	"(TERMEND-TERMPARM)" Size of TERM Parm list

IATYNCG Cross Reference

Name

BLDCEND
BLDCFLGA
BLDCFLGM
BLDCNPCA
BLDCPARM
BLDCRSVD
BLDCSIZE
CNNXFPRM
CNNXFUNC
CNNXMOD
PNDCEND
PNDCPARM
PNDCSIZE
PNDCTAPP
PNDCTINT
PNDCTLST
PNDCTSF
PNDCTSFA
PNDCTSFI
TERMEND

Name

TERMNCQA
TERMPARM
TERMSIZE

IATYNCK Information

IATYNCK Heading Information

Common Name: CHECKPOINTED NET CONTROL BLOCK
Macro ID: IATYNCK
DSECT Name: NCKENTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: none
Storage Attributes: Main Storage: N/A
Auxiliary Storage: JES3 SPOOL
Size: Variable
Created by: IATDCNC
Pointed to by: DJCCKFCB IN IATYTVT
Serialization: none
Function: MAPS CHECKPOINTED NCB INFORMATION ON THE JES3 SPOOL

IATYNCK Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	NCKSTART	
0	(0)	BITSTRING	6	NCKTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	NCKCNT	USER COUNT.
8	(8)	CHARACTER	4	NCKID	FILE ID.
12	(C)	BITSTRING	12	NCKCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	NCKVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	NCKDATA (0)	START OF USER DATA AREA.
28	(1C)	ADDRESS	2	NCKFSIZE	SIZE OF DJC CKPT PREFIX
32	(20)	SIGNED	4	NCKPRGM (8)	NCK WORK AREA
64	(40)	SIGNED	2	NCKRSVS	RESERVED FOR SERVICE
66	(42)	SIGNED	2	NCKRSVD	RESERVED FOR DEVELOPMENT
68	(44)	SIGNED	4	NCKFEND (0)	END OF PREFIX
68	(44)	BITSTRING	1	NCKPSIZE (0)	SIZE OF PREFIX

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	NCKENTRY	
0	(0)	BITSTRING	12	NCKNFDB	ROOT FDB FOR NET
12	(C)	SIGNED	2	NCKRSVDD	RESERVED FOR DEVELOPMENT
14	(E)	ADDRESS	2	NCKVSIZE	SIZE OF ENTRY
16	(10)	CHARACTER	8	NCKNETID	NETWORK ID
24	(18)	BITSTRING	1	NCKFLAG1	FLAG1

Comment

DEFINITION OF NCKFLAG1

End of Comment

		1...		NCKINUSE	"X'80'" THIS ENTRY IN USE
25	(19)	BITSTRING	1	NCKFLAG2	FLAG2
26	(1A)	BITSTRING	1	NCKVRSVS	RESERVED FOR SERVICE
27	(1B)	BITSTRING	1	NCKVRSVD	RESERVED FOR DEVELOPMENT
28	(1C)	SIGNED	4	NCKVEND (0)	END OF ENTRY
28	(1C)	BITSTRING	1	NCKSIZE (0)	SIZE OF ENTRY

IATYNCK Cross Reference

Name

NCKCHN
NCKCNT
NCKDATA
NCKENTRY
NCKFEND
NCKFLAG1
NCKFLAG2
NCKFSIZE
NCKID
NCKINUSE
NCKNETID
NCKNFDB
NCKPRGM
NCKPSIZE
NCKRSVD
NCKRSVDD
NCKRSVS
NCKSIZE
NCKSTART
NCKTRK
NCKVEND
NCKVLID
NCKVRSVD
NCKVRSVS
NCKVSIZE

IATYNCN Information

IATYNCN Programming Interface information

Programming Interface information

IATYNCN

End of Programming Interface information

IATYNCN Heading Information

Common Name: NETWORKING NODAL MESSAGE RECORD
Macro ID: IATYNCN
DSECT Name: NJECNRCD
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: JES3 Private Area
Auxiliary Storage: N/A
Size: NJECNSIZ
Created by: IATNTDR (AS PART OF IATYNBF)
IATCNNJ
IATBDCI (AS PART OF IATYNBF)
Pointed to by: NJCNBFTX IN IATYNBF
BLDCMDWK IN IATCNNJ
Serialization: None
Function: This macro maps the NJE nodal message record, which is used to transmit commands and messages among modes in a network.

Restriction: Do not change any offsets -- referenced by Non-Source Maintained Code

IATYNCN Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	NJECNRCD	
0	(0)	CHARACTER	1	NMRFLAG	- FLAG BYTE
		Comment			

		SETTINGS FOR NMRFLAG			

		End of Comment			
		1...		NMRFLAGC	"X'80'" NMR IS A COMMAND
		.1..		NMRFLAGW	"X'40'" ORIGIN IS REMOTE WORKSTATION
		..1.		NMRFLAGT	"X'20'" ORIGIN IS INTERACTIVE USER
		...1		NMRFLAGU	"X'10'" ORIGIN IS SYSTEM CONSOLE
		.... 1...		NMRFLAGR	"X'08'" ONLY REMOTE AUTHORIZED
0	(0)	X'60'	0	NMRFLAGQ	"NMRFLAGW+NMRFLAGT" DESTINATION TYPE UNKNOWN
0	(0)	X'80'	0	RDRCMD	"NMRFLAGC" COMMAND FROM READER
0	(0)	X'90'	0	OSCMD	"NMRFLAGC+NMRFLAGU" COMMAND FROM CONSOLE
0	(0)	X'A0'	0	TSOCMD	"NMRFLAGC+NMRFLAGT" COMMAND FROM TSO/VM
0	(0)	X'C8'	0	RMTCMD	"NMRFLAGC+NMRFLAGW+NMRFLAGR" COMMAND FROM REMOTE
		....		RDRMSG	"X'00'" MESSAGE TO CONSOLE
0	(0)	X'10'	0	OSMSG	"NMRFLAGU" MESSAGE TO CONSOLE (RESPONSE)
0	(0)	X'20'	0	TSOMSG	"NMRFLAGT" MESSAGE TO TSO/VM
0	(0)	X'40'	0	RMTMSG	"NMRFLAGW" MESSAGE TO REMOTE
1	(1)	CHARACTER	1	NMRLEVEL	- IMPORTANCE LEVEL (ALWAYS X'77')
2	(2)	CHARACTER	1	NMRTYPE	- TYPE FIELD
		Comment			

		SETTINGS FOR NMRTYPE			

		End of Comment			
		.... 1...		NMRTYPE4	"X'08'" MESSAGE TEXT CONTAINS ORIGIN USERID
		.... .1..		NMRTYPET	"X'04'" MESSAGE TEXT HAS NO TIME STAMP
		.... ..1.		NMRTYPEF	"X'02'" TEXT CONTAINS FORMATTED COMMAND
3	(3)	CHARACTER	1	NMRTXTL	- LENGTH OF COMMAND OR MESSAGE TEXT

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
4	(4)	CHARACTER	8	NMRTONOD	- DESTINATION NODE
12	(C)	CHARACTER	1	NMRTOQUL	- DESTINATION NODE SYSTEM QUALIFIER
13	(D)	CHARACTER	8	NMRUSRID (0)	- TSO/VM USER ID
13	(D)	CHARACTER	8	NMRREMOT (0)	- REMOTE ID
13	(D)	CHARACTER	2	NMRDESC	- MCS CONSOLE DESCRIPTOR CODES
15	(F)	CHARACTER	2	NMRCONS	- ORIGINATING CONSOLE NUMBER
17	(11)	CHARACTER	4	NMRCNID	- MCS CONSOLE ID
21	(15)	CHARACTER	8	NMRFMNOD	- ORIGINATING NODE
29	(1D)	CHARACTER	1	NMRFMQUL	- ORIGINATING NODE SYSTEM QUALIFIER
30	(1E)	CHARACTER	132	NMRTXT	- COMMAND OR MESSAGE TEXT
162	(A2)	CHARACTER	1	NJECNEND (0)	- END OF COMMAND/MESSAGE RECORD
162	(A2)	BITSTRING	1	NJECNSIZ (0)	- L'NJECNSIZ = SIZE OF RECORD

IATYNCN Cross Reference

Name

NJECNEND
NJECNRCD
NJECNSIZ
NMRCNID
NMRCONS

NMRDESC
NMRFLAG
NMRFLAGC
NMRFLAGQ
NMRFLAGR

NMRFLAGT
NMRFLAGU
NMRFLAGW
NMRFMNOD
NMRFMQUL

NMRLEVEL
NMRREMOT
NMRTONOD
NMRTOQUL
NMRTXT

NMRTXTL
NMRTYPE
NMRTYPEF
NMRTYPET
NMRTYPE4

NMRUSRID
OSCMD
OSMSG
RDRCMD
RDRMSG

RMTCMD
RMTMSG
TSOCMD
TSOMSG

IATYNCQ Information

IATYNCQ Programming Interface information

Programming Interface information

IATYNCQ

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

- FRSTNPC
- LSTNPC

End of Programming Interface information

IATYNCQ Heading Information

Common Name: NETWORKING CONSOLE QUEUE AREA
Macro ID: IATYNCQ
DSECT Name: NJECONSQ
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: none
Storage Attributes: Main Storage: JES3 PRIVATE
Auxiliary Storage: N/A
Size: 76 bytes
Created by: IATCNNJ
Pointed to by: ANJECNSQ IN IATYTVT
NJECNQUE IN IATCNNJ
Serialization: none
Function: THIS MACRO CONTAINS A SET OF QUEUE HEADERS FOR THE VARIOUS QUEUES OF WORK WHICH ARE PROCESSED BY THE NJECONS DSP and the NJE Console Subtask routine--IATCNNS. IATCNNS Function indicators are also defined here.
"DO NOT CHANGE ANY OFFSETS IN THIS MACRO -- Referenced by NON-SRC modules"

IATYNCQ Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	NJECONSQ	Networking Console Queue Area
0	(0)	CHARACTER	1	NJECNSFL	- NETWORKING CONSOLE ECF
				Comment	
				SETTINGS FOR NJECNSFL	
				End of Comment	
		1...		NJERESP	"X'80'" - RESPONSE TO REMOTE NODE CMD
		.1..		NJEOCMD	"X'40'" - COMMAND FOR ANOTHER NODE
		..1.		NJEOMSG	"X'20'" - MESSAGE FOR ANOTHER NODE
		...1		NJECMDIN	"X'10'" - COMMAND FROM ANOTHER NODE
		.... 1...		NJEMSGIN	"X'08'" - MESSAGE FROM ANOTHER NODE
		.... .1..		NJETSO	"X'04'" - TSO NOTIFY MESSAGE
		.... ..1.		NJEREJT	"X'02'" - REJECTED NMR FOR SNA DEST
1	(1)	CHARACTER	3		- RESERVED FOR DEVELOPMENT
4	(4)	SIGNED	4	FRSTRESP	- RESPONSE QUEUE POINTERS
8	(8)	SIGNED	4	LASTRESP	
12	(C)	SIGNED	4	FRSTCMD	- OUTPUT COMMAND QUEUE POINTERS
16	(10)	SIGNED	4	LASTCMD	
20	(14)	SIGNED	4	FRSTMSG	- OUTPUT MESSAGE QUEUE POINTERS
24	(18)	SIGNED	4	LASTMSG	
28	(1C)	SIGNED	4	FRSTICMD	- INPUT COMMAND QUEUE POINTERS
32	(20)	SIGNED	4	LASTICMD	
36	(24)	SIGNED	4	FRSTIMSG	- INPUT MESSAGE QUEUE POINTERS
40	(28)	SIGNED	4	LASTIMSG	
44	(2C)	SIGNED	4	FRSTTSO	- TSO NOTIFY QUEUE POINTERS
48	(30)	SIGNED	4	LASTTSO	
52	(34)	SIGNED	4	FRSTSNA	- OUTBOUND SNA NMR QUEUE PTRS
56	(38)	SIGNED	4	LASTSNA	
60	(3C)	SIGNED	4	FRSTREJT	- REJECTED SNA NMR QUEUE PTRS
64	(40)	SIGNED	4	LASTREJT	
68	(44)	SIGNED	4	FRSTNPC	- NJE Pending Command Queue
72	(48)	SIGNED	4	LASTNPC	
72	(48)	X'100'	0	NJECNSQL	"256" - LENGTH OF CONSOLE QUEUE ENTRIES
76	(4C)	SIGNED	4	CNSQEND (0)	- END OF QUEUE CONTROL TABLE
76	(4C)	BITSTRING	1	CNSQSIZE (0)	- L'CNSQSIZE = SIZE OF TABLE

IATYNCQ Cross Reference

Name

CNSQEND
CNSQSIZE
FRSTCMD
FRSTICMD
FRSTIMSG
FRSTMSG
FRSTNPC
FRSTREJT
FRSTRESP
FRSTSNA
FRSTTSO
LASTCMD
LASTICMD
LASTIMSG
LASTMSG
LASTNPC
LASTREJT
LASTRESP
LASTSNA
LASTTSO
NJECMDIN
NJECNSFL
NJECNSQL
NJECONSQ
NJEMSGIN
NJEOCMD
NJEOMSG
NJEREJT
NJERESP
NJETSO

IATYNDH Information

IATYNDH Programming Interface information

Programming Interface information

IATYNDH

End of Programming Interface information

IATYNDH Heading Information

Common Name: NETWORKING DATA SET HEADER
Macro ID: IATYNDH
DSECT Name: NDHSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: JESPOOL
Auxiliary Storage: N/A
Size: 304 bytes
Created by: IATNTDH
Pointed to by: NTDHNDH IN IATYNTDH
NRDADSHB IN IATYNRD
ADSHWRK IN IATYNFD
NRSTDSHW IN IATYNRS
Serialization: Reusable
Function: NETWORKING DATA SET HEADER MAPPING

IATYNDH Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	NDHSTART	NJE Header Prefix
0	(0)	SIGNED	2	NDHLEN	Length of entire header
2	(2)	BITSTRING	1	NDHFLAGS	Prefix flags
3	(3)	BITSTRING	1	NDHSEQ	Sequence indicator
3	(3)	X'4'	0	NDHPRLEN	"*-NDHSTART" Prefix length
3	(3)	X'FFC'	0	NDHMAXLN	"4092" Maximum header length

Comment

THE FIRST FOUR BYTES OF EVERY SECTION MUST CONFORM
TO THE FOLLOWING PROTOCOL:
DISP LEN DESCRIPTION
0 2 LENGTH OF SECTION
2 1 SECTION IDENTIFIER
3 1 MODIFIER

End of Comment

4	(4)	SIGNED	4	NDHENTRY (0)	BEGINNING OF SECTION
4	(4)	SIGNED	2	NDHENLEN	LENGTH OF SECTION
6	(6)	BITSTRING	1	NDHENTYP	SECTION IDENTIFIER
7	(7)	BITSTRING	1	NDHENMOD	MODIFIER

Comment

GENERAL SECTION

End of Comment

4	(4)	SIGNED	4	NDHG (0)	- START OF GENERAL SECTION
4	(4)	SIGNED	2	NDHGLEN	- LENGTH OF GENERAL SECTION
6	(6)	BITSTRING	1	NDHGTYPE	- ID FOR GENERAL SECTION
7	(7)	BITSTRING	1	NDHGMOD	- MODIFIER
8	(8)	CHARACTER	8	NDHGNODE	- DESTINATION NODE NAME
16	(10)	CHARACTER	8	NDHGRMT	- DESTINATION REMOTE OR DEVICE NAME
24	(18)	CHARACTER	8	NDHGPROC	DATA SET PROC NAME
32	(20)	CHARACTER	8	NDHGSTEP	DATA SET STEP NAME
40	(28)	CHARACTER	8	NDHGDDNM	- DATA SET DDNAME
48	(30)	SIGNED	2	NDHGDSNO	- DATA SET NUMBER
50	(32)	BITSTRING	1		- RESERVED 0393
51	(33)	BITSTRING	1	NDHGCLAS	- OUTPUT CLASS
52	(34)	SIGNED	4	NDHGNREC	- RECORD COUNT
56	(38)	BITSTRING	1	NDHGFLG1	- FLAGS

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		---------- NDHGFLG1 DEFINITIONS ----------			
		End of Comment			
		1...		NDHGF1SP	"X'80'" SPIN DATA SET
		.1..		NDHGF1HD	"X'40'" HOLD DATASET AT DEST
		..1.		NDHGF1LG	"X'20'" JOBLOG INDICATOR
		...1		NDHGF1OV	"X'10'" OVERFLOW OFF
		.... 1...		NDHGF1IN	"X'08'" PUN INTPRT INDIC
		.... .1..		NDHGF1LC	"X'04'" NDHGLCNT IS VALID 0393
		.... ..1.		NDHGF1ST	"X'02'" JOB STATISTICS IN JOB LOG 0393
		1		NDHGF1DF	"X'01'" PUN INTPRT=NO SPECIFIED
57	(39)	BITSTRING	1	NDHGRCFM	- RECFM (OS DCBRECFM)
		1...		NDHGRFF	"X'80'" Fixed record format 05415SUA
		.1..		NDHGRFV	"X'40'" Variable record format 05415SUA
		11..		NDHGRFU	"X'C0'" Undefined record format 05415SUA
		.... .11.		NDHCPDS	"X'06'" COMPOSED PAGE DATA STREAM CC
		.... .1..		NDHASA	"X'04'" ASA CARRIAGE CONTROL
		.... ..1.		NDHMAC	"X'02'" MACHINE CARRIAGE CONTROL
58	(3A)	SIGNED	2	NDHGLREC	- LRECL (OS DCBLRECL)
60	(3C)	BITSTRING	1	NDHGDSCT	- DATA SET COPY COUNT
61	(3D)	BITSTRING	1	NDHGFCBI	- 3211 FCB INDEX
62	(3E)	BITSTRING	1	NDHGLNCT	- LINES PER PAGE 0393
63	(3F)	BITSTRING	1		- RESERVED 0393
64	(40)	CHARACTER	8	NDHGFORM	- FORMS ID
72	(48)	CHARACTER	8	NDHGFCB	- FCB ID
80	(50)	CHARACTER	8	NDHGUCS	- UCS ID
88	(58)	CHARACTER	8	NDHGXWTR	- EXTERNAL WRITER ID
96	(60)	CHARACTER	8	NDHGNAME	- DATA SET NAME QUALIFIER
104	(68)	BITSTRING	1	NDHGFLG2	- FLAG BYTE
		Comment			
		---------- NDHGFLG2 DEFINITIONS ----------			
		End of Comment			
		1...		NDHGF2PR	"X'80'" - DATASET IS TO BE PRINTED
		.1..		NDHGF2PU	"X'40'" - DATASET IS TO BE PUNCHED
		Comment			
		EQU X'20' - RESERVED - DO NOT USE 0 (NDHGF2NM)			
		EQU X'10' - Reserved - Do not use			
		End of Comment			
		Comment			
		EQU X'08' - Reserved - Do not use			
		End of Comment			
		.... .1..		NDHGF2HX	"X'04'" - Data set is held for external writer
		.... ..1.		NDHGF2TR	"X'02'" - This data set's records have been blank truncated.
105	(69)	BITSTRING	1	NDHGUCSO	- UCS OPTION BYTE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				NDHGUCSO DEFINITIONS	
				End of Comment	
		1...		NDHGUCSD	"X'80'" UCS BLOCK DATA CHECK OPTION
		.1..		NDHGUCSF	"X'40'" UCS FOLD OPTION
106	(6A)	SIGNED	2		- RESERVED
108	(6C)	CHARACTER	8	NDHGPMDE	- PROCESS MODE
116	(74)	SIGNED	4	NDHGEND (0)	- END OF GENERAL SECTION
116	(74)	BITSTRING	1	NDHGSIZE (0)	- L'NDHGSIZE = SIZE OF GENERAL SECTION
				Comment	
				3800 PRINTER CHARACTERISTICS SECTION	
				End of Comment	
116	(74)	SIGNED	4	NDHA (0)	- START OF 3800 SECTION
116	(74)	SIGNED	2	NDHALEN	- LENGTH OF 3800 SECTION
118	(76)	BITSTRING	1	NDHATYPE	- ID FOR GENERAL SECTION
119	(77)	BITSTRING	1	NDHAMOD	- MODIFIER
120	(78)	BITSTRING	1	NDHAFLG1	- FLAGS
				Comment	
				DEFINITION OF NDHAFLG1	
				End of Comment	
		1...		NDHAF1J	"X'80'" - 'OPTCD=J' SPECIFIED
		.1..		NDHAF1BR	"X'40'" - 'BURST=YES' SPECIFIED
		..1.		NDHAF1BN	"X'20'" - CONTINUOUS FORMS STACKING
121	(79)	BITSTRING	1	NDHAFLCT	- FLASH COUNT
122	(7A)	BITSTRING	1	NDHATREF	- TABLE REFERENCE CHARACTER
123	(7B)	BITSTRING	1		- RESERVED
124	(7C)	CHARACTER	8	NDHATAB1	- TRANSLATE TABLE 1
132	(84)	CHARACTER	8	NDHATAB2	- TRANSLATE TABLE 2
140	(8C)	CHARACTER	8	NDHATAB3	- TRANSLATE TABLE 3
148	(94)	CHARACTER	8	NDHATAB4	- TRANSLATE TABLE 4
156	(9C)	CHARACTER	8	NDHAFLSH	- FLASH CARTRIDGE ID
164	(A4)	CHARACTER	8	NDHAMODF	- COPY MODIFICATION ID
172	(AC)	CHARACTER	8	NDHACPYG	- COPY GROUPS
180	(B4)	SIGNED	4	NDHAEND (0)	- END OF 3800 CHARACTER SECTION
180	(B4)	BITSTRING	1	NDHASIZE (0)	- L'NDHASIZE = SIZE OF 3800 SECTION
				Comment	
				SECURITY SECTION	
				End of Comment	
180	(B4)	SIGNED	4	NDHT (0)	START OF SECURITY SECTION
180	(B4)	SIGNED	2	NDHTLEN	LENGTH OF SECURITY SECTION
182	(B6)	BITSTRING	1	NDHTTYPE	SECTION IDENTIFIER
				Comment	
				DEFINITION OF NDHTTYPE	
				End of Comment	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		1... 11..		NDHTSECI	"X'8C'" SECURITY SECTION IDENTIFIER
183	(B7)	BITSTRING	1	NDHTMOD	SECTION MODIFIER

Comment

DEFINITION OF NDHTMOD

End of Comment

		....		NDHTSECM	"X'00'" SECURITY SECTION MODIFIER
183	(B7)	X'4'	0	NDHTLENH	"*-NDHT" LENGTH OF THE SECURITY 0702 SECTION PREFIX 0702
184	(B8)	SIGNED	2	NDHTLENP	LENGTH OF VARIABLE PREFIX D016 SUBSECTION (NDHTLENP UP TO 0702 BUT NOT INCLUDING NDHTTOKN) 0702
186	(BA)	BITSTRING	2		RESERVED FOR DEVELOPMENT D016
186	(BA)	X'4'	0	NDHTPSIZ	"*-NDHTLENP" SIZE OF PREFIX SUBSECTION 0702
188	(BC)	BITSTRING	80	NDHTTOKN	SECURITY TOKEN
268	(10C)	SIGNED	4	NDHTEND (0)	- END OF SECURITY SECTION
268	(10C)	BITSTRING	1	NDHTSIZE (0)	- L'NDHTSIZE = SECTION LENGTH

Comment

#0
#0
DATA STREAM SECTION #0
#0
#0

End of Comment

268	(10C)	SIGNED	4	NDHS (0)	#0107
268	(10C)	SIGNED	2	NDHSLEN	DATA STREAM SECTION LENGTH #0107
270	(10E)	BITSTRING	1	NDHSTYPE	IDENTIFIER #0107

Comment

---#0
DEFINITION OF NDHSTYPE #0
---#0

End of Comment

		1... 1..1		NDHSOUTI	"X'89'" DATA STREAM SEC IDENTIFIER #0107 #0107
271	(10F)	BITSTRING	1	NDHSMOD	MODIFIER #0107

Comment

---#0
DEFINITION OF NSHSMOD #0
---#0

End of Comment

		....		NDHSOUTM	"X'00'" OUTPUT SWB MODIFIER #0107 #0107
272	(110)	SIGNED	2	NDHSFLEN	LENGTH OF FIXED AREA #0107 #0107
274	(112)	BITSTRING	1	NDHSFLG1	FLAG 1 #0107

Comment

---#0
DEFINITION OF NSHSFLG1 #0
---#0

End of Comment

		1...		NDHSCPDS	"X'80'" COMPOSED PAGE DATA STREAM #0107 DATA EXISTS IN THE DATA SE#0107 #0107

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
275	(113)	BITSTRING	1	NDHSRSV1	RESERVED #0107
276	(114)	CHARACTER	8	NDHSJDVT	JDVT NAME #0107
284	(11C)	SIGNED	4	NDHSNSTR	NUMBER OF 'BEGIN PAGES' #0107
288	(120)	CHARACTER	8	NDHSGPID	OUTPUT NAME FOR DATA SET #0107
288	(120)	X'1C'	0	NDHSFIXL	"*-NDHS" FIXED AREA LENGTH
296	(128)	CHARACTER	1	NDHSSDAT (0)	START OF VARIABLE TEXT AREA#0107 FOR SWBS #0107 #0107
296	(128)	BITSTRING	1	NDHSSIZE (0)	- L'NDHSSIZE = SIZE OF THE #0107 DATA STREAM HEADER #0107
				Comment	
				RECOMMENDED FORMAT FOR A USER SECTION	
				End of Comment	
296	(128)	SIGNED	4	NDHU (0)	START OF USER SECTION 0623
296	(128)	SIGNED	2	NDHULEN	LENGTH OF USER SECTION 0623
298	(12A)	BITSTRING	1	NDHUTYPE	IDENTIFIER 0623
				Comment	
				---------- 0	
				DEFINITION OF NDHUTYPE 0	
				0	
				- BITS 0-1 MUST BE B'11' 0	
				- BITS 2-7 CAN BE ANYTHING 0	
				---------- 0	
				End of Comment	
		11..		NDHU$USR	"X'C0'" USER SECTION IDENTIFIER 0623 0623
299	(12B)	BITSTRING	1	NDHUMOD	MODIFIER 0623
				Comment	
				---------- 0	
				DEFINITION OF NDHUMOD 0	
				0	
				- ANY VALUE IS ALLOWED 0	
				---------- 0	
				End of Comment	
		....		NDHU$MOD	"X'00'" USER SECTION MODIFIER 0623
300	(12C)	CHARACTER	4	NDHUCODE	USER INSTALLATION CODE - 0623 PLACE USER INFORMATION 0623 FIELDS BETWEEN 'NDHUCODE' 0623 AND 'NDHUEND' 0623
304	(130)	SIGNED	4	NDHUEND (0)	END OF USER SECTION 0623
304	(130)	BITSTRING	1	NDHUSIZE (0)	- L'NDHUSIZE = SIZE OF USER 0623 SECTION 0623
				Comment	
				COMMON DATA SET HEADER INFORMATION	
				End of Comment	
304	(130)	BITSTRING	1	NDFL2DSP (0)	DISPLACEMENT TO NDHGFLG2
		111.		NDHSRCB	"X'E0'" - DATA SET HEADER SRCB
		....		NDGTYPE	"X'00'" - GENERAL TYPE
		....		NDGMOD	"X'00'" - GENERAL MODIFIER
		1...		NDAMOD	"X'80'" - 3800 MODIFIER

IATYNDH Cross Reference

Name

NDAMOD
NDFL2DSP
NDGMOD
NDGTYPE
NDHA
NDHACPYG
NDHAEND
NDHAFLCT
NDHAFLG1
NDHAFLSH
NDHAF1BN
NDHAF1BR
NDHAF1J
NDHALEN
NDHAMOD
NDHAMODF
NDHASA
NDHASIZE
NDHATAB1
NDHATAB2
NDHATAB3
NDHATAB4
NDHATREF
NDHATYPE
NDHCPDS
NDHENLEN
NDHENMOD
NDHENTRY
NDHENTYP
NDHFLAGS
NDHG
NDHGCLAS
NDHGDDNM
NDHGDSCT
NDHGDSNO
NDHGEND
NDHGFCB
NDHGFCBI
NDHGFLG1
NDHGFLG2
NDHGFORM
NDHGF1DF
NDHGF1HD
NDHGF1IN
NDHGF1LC
NDHGF1LG
NDHGF1OV
NDHGF1SP
NDHGF1ST
NDHGF2HX
NDHGF2PR
NDHGF2PU
NDHGF2TR
NDHGLEN
NDHGLNCT

Name

NDHGLREC
NDHGMOD
NDHGNAME
NDHGNODE
NDHGNREC

NDHGPMDE
NDHGPROC
NDHGRCFM
NDHGRFF
NDHGRFU

NDHGRFV
NDHGRMT
NDHGSIZE
NDHGSTEP
NDHGTYPE

NDHGUCS
NDHGUCSD
NDHGUCSF
NDHGUCSO
NDHGXWTR

NDHLEN
NDHMAC
NDHMAXLN
NDHPRLEN
NDHS

NDHSCPDS
NDHSEQ
NDHSFIXL
NDHSFLEN
NDHSFLG1

NDHSGPID
NDHSJDVT
NDHSLEN
NDHSMOD
NDHSNSTR

NDHSOUTI
NDHSOUTM
NDHSRCB
NDHSRSV1
NDHSSDAT

NDHSSIZE
NDHSTART
NDHSTYPE
NDHT
NDHTEND

NDHTLEN
NDHTLENH
NDHTLENP
NDHTMOD
NDHTPSIZ

NDHTSECI
NDHTSECM
NDHTSIZE
NDHTTOKN
NDHTTYPE

NDHU
NDHU$MOD
NDHU$USR
NDHUCODE
NDHUEND

Name
NDHULEN
NDHUMOD
NDHUSIZE
NDHUTYPE

IATYNET Information

IATYNET Programming Interface information

Programming Interface information

IATYNET

End of Programming Interface information

IATYNET Heading Information

Common Name: NET DJC CREATION DATA AREA
Macro ID: IATYNET
DSECT Name: NCBENTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: JES3 Private Area
Auxiliary Storage: N/A
Size: 1144 Bytes
Created by: IATISLG, which ALOADs IATDCND (the IATYNET data CSECT) each time a //*NET statement is found.
Pointed to by: ISLMDCND in IATYISD (filled in each time IATDCND is ALOADed).
Serialization: NONE
Function: Data area used for dependent job control processing.

Restriction: Do not use TYPE=CSECT unless AMODE and RMODE statements are added at the beginning of the module.

IATYNET Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	IATDCND	
0	(0)	SIGNED	4	NETBUILD (0)	NCB FIXED PORTION WORK AREA
96	(60)	BITSTRING	250	NETRLTAB	SUCCESSOR TABLE
346	(15A)	BITSTRING	250	NETRLTB	SUCCESSOR TABLE(2ND HALF)
596	(254)	SIGNED	4	NETCURR	- POINTER TO NEXT ENTRY IN BUFFER
600	(258)	SIGNED	4	NETEOC	- END OF INPUT CARD ADDRESS
604	(25C)	SIGNED	4	NETJNCB	- ADDRESS OF JNCB
608	(260)	SIGNED	4	NETVSIZE	- VARIABLE SIZE OF CURRENT NCB
612	(264)	SIGNED	4	NETRSVD	- RESERVED FOR DEVELOPMENT
616	(268)	SIGNED	4	NETDFCB	- ADDR OF DFCB FOR THIS JOB
624	(270)	DBL WORD	8	NETWORK1	- WORK AREA 1
632	(278)	DBL WORD	8	NETWORK2	- WORK AREA 2
640	(280)	DBL WORD	8	NETNETID	- JOB NET ID
648	(288)	CHARACTER	8	NETJBNM	- JOBNAME
656	(290)	CHARACTER	10	NETPARMW	- PARAMETER WORK AREA
666	(29A)	SIGNED	2	NETRLCNT	- NUMBER OF RELEASE JOBNAMES
668	(29C)	BITSTRING	1	NETFLAG1	- NET CSECT FLAG 1
669	(29D)	BITSTRING	1	NETFLAG2	- NET CSECT FLAG 2
670	(29E)	BITSTRING	1	NETFLAG3	- NET CSECT FLAG 3
		1...		NETDPOP	"X'80'" DEVPOOL PARM OPERATION
		.1..		NETDREL	"X'40'" DEVRELSE PARM FOUND
		..1.		NETDEVP	"X'20'" DEVPOOL PARM FOUND
		...1		NETDRYES	"X'10'" DEVICE RELEASE=YES
671	(29F)	BITSTRING	1	NETEND (0)	- END OF MAJOR SEGMENT
671	(29F)	BITSTRING	1	NETSIZE (0)	SIZE OF MAJOR SEGMENT

Comment

ISNET MESSAGE WORK AREA

End of Comment

671	(29F)	ADDRESS	1	NETMSG1	MESSAGE LENGTH
672	(2A0)	CHARACTER	16	NETMSG1B	
688	(2B0)	CHARACTER	8	NETMSGID	- NET ID
696	(2B8)	CHARACTER	20		
696	(2B8)	X'2CC'	0	NETMSG1E	"*"
716	(2CC)	ADDRESS	1	NETMSG2	MESSAGE LENGTH
717	(2CD)	CHARACTER	8		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
725	(2D5)	CHARACTER	26	NETM2TXT	- VARIABLE MESSAGE TEXT
751	(2EF)	CHARACTER	13		
751	(2EF)	X'2FC'	0	NETMSG2E	"*"
764	(2FC)	ADDRESS	1	NETMSG3	MESSAGE LENGTH
765	(2FD)	CHARACTER	8		
773	(305)	CHARACTER	9	NETM3TXT	- VARIABLE MESSAGE TEXT
782	(30E)	CHARACTER	25		
782	(30E)	X'327'	0	NETMSG3E	"*"
807	(327)	ADDRESS	1	NETMSGCP	$$$$
808	(328)	CHARACTER	12		$$$$
820	(334)	CHARACTER	8	NETMSGCJ	$$$$
828	(33C)	CHARACTER	8		$$$$
836	(344)	CHARACTER	8	NETMSGCN	$$$$
844	(34C)	CHARACTER	26		$$$$
844	(34C)	X'366'	0	NETMSG5E	"*" $$$$

Comment

```
NETDCTMG MESSAGE TEXT=NETMSG1,MF=L
      $T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0
```

End of Comment

872	(368)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
872	(368)	ADDRESS	4	NETDCTMG	Text Address
876	(36C)	BITSTRING	2		Destination Disp and Mask
878	(36E)	BITSTRING	1		ACTION flag
879	(36F)	ADDRESS	1		Options Flag
880	(370)	BITSTRING	2		Descriptor Codes
882	(372)	SIGNED	2		Reserved 2 Bytes
884	(374)	BITSTRING	17		Routing Codes
901	(385)	BITSTRING	1	(3)	Reserved
904	(388)	BITSTRING	1	(8)	Jobid
912	(390)	BITSTRING	1	(8)	Jobname
920	(398)	BITSTRING	1	(8)	Key
928	(3A0)	ADDRESS	4		CNDB Address 1
932	(3A4)	ADDRESS	4		CNDB Address 2
936	(3A8)	ADDRESS	4		CNDB Address 3
940	(3AC)	ADDRESS	4		CNDB Address 4
944	(3B0)	ADDRESS	4		CNDB Address 5
948	(3B4)	ADDRESS	4		MLWO Address

Comment

```
NETDUPJB MESSAGE TEXT=NETMSGCP,MF=L
      $T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0
```

End of Comment

952	(3B8)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
952	(3B8)	ADDRESS	4	NETDUPJB	Text Address
956	(3BC)	BITSTRING	2		Destination Disp and Mask
958	(3BE)	BITSTRING	1		ACTION flag
959	(3BF)	ADDRESS	1		Options Flag
960	(3C0)	BITSTRING	2		Descriptor Codes
962	(3C2)	SIGNED	2		Reserved 2 Bytes
964	(3C4)	BITSTRING	17		Routing Codes
981	(3D5)	BITSTRING	1	(3)	Reserved
984	(3D8)	BITSTRING	1	(8)	Jobid
992	(3E0)	BITSTRING	1	(8)	Jobname
1000	(3E8)	BITSTRING	1	(8)	Key
1008	(3F0)	ADDRESS	4		CNDB Address 1
1012	(3F4)	ADDRESS	4		CNDB Address 2
1016	(3F8)	ADDRESS	4		CNDB Address 3
1020	(3FC)	ADDRESS	4		CNDB Address 4
1024	(400)	ADDRESS	4		CNDB Address 5
1028	(404)	ADDRESS	4		MLWO Address

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				DEFINITION OF NETFLAG1	
				End of Comment	
		1		NORMPARM	"X'01'" - NORMAL PARAMETER HAS BEEN PROCESSED
		.... ..1.		NETABNRM	"X'02'" - ABNORMAL PARAMETER PROCESSED
		.... .1..		NHLDPARM	"X'04'" - NHOLD PARAMETER HAS BEEN PROCESSED
		.... 1...		NETOPHLD	"X'08'" - OPHOLD PARAMETER HAS BEEN PROCESSED
		...1		NETRELPM	"X'10'" - NETREL PARAMETER HAS BEEN PROCESSED
		..1.		NETPARM	"X'20'" - NETID PARAMETER HAS BEEN PROCESSED
		.1..		NETSUCCP	"X'40'" - RELEASE PARAMETER HAS BEEN PROCESSED
		1...		NRELSCH	"X'80'" - SCHEDULE RELEASE COUNT PROCESSED
				Comment	
				DEFINITION OF NETFLAG2	
				End of Comment	
		1		CONTREQ	"X'01'" - CONTINUATION CARD REQUIRED
		.... ..1.		RPAREN	"X'02'" - RIGHT PAREN IS A VALID TERMINATOR
		.... .1..		ENDOFCRD	"X'04'" - END OF CARD ENCOUNTERED
		.... 1...		ENDOFSCN	"X'08'" - END OF SCAN
		...1		RELCONT	"X'10'" - RELEASE CURRENTLY BEING PROCESSED
		..1.		RELSNGL	"X'20'" - SINGLE RELEASE PARM DEFINED
		.1..		NETNRCMP	"X'40'" NRCMP= PARM SPEC IN JCL
		1...		NETABCMP	"X'80'" ABCMP= PARM SPEC IN JCL
				Comment	
				DEFINITION OF NETFLAG3	
				End of Comment	
		1...		NETRSBFL	"X'80'" FLUSHING RESUB OF COMP JOB
		.1..		NETWTDEL	"X'40'" NET WAITING FOR DELETE
1032	(408)	DBL WORD	8	NETIDTAB (0)	SET MODULE BOUNDARY $$$$
1032	(408)	BITSTRING	1	(0)	$$$$
1107	(453)	BITSTRING	1		PERIOD $$$$
1110	(456)	BITSTRING	1		PLUS $$$$
1112	(458)	BITSTRING	1		AMPERSAND $$$$
1123	(463)	BITSTRING	1	(2)	DOLLAR SIGN, ASTERISK $$$$
1128	(468)	BITSTRING	1		HYPHEN $$$$
1155	(483)	BITSTRING	1	(3)	POUND, 'AT', APOSTROPHE $$$$
1225	(4C9)	BITSTRING	1	(9)	A - I $$$$
1241	(4D9)	BITSTRING	1	(9)	J - R $$$$
1258	(4EA)	BITSTRING	1	(8)	S - Z $$$$
1272	(4F8)	BITSTRING	1	(10)	0 - 9 $$$$

IATYNET Cross Reference

Name

CONTREQ
ENDOFCRD
ENDOFSCN
IATDCND
NETABCMP
NETABNRM
NETBUILD
NETCURR
NETDCTMG
NETDEVP
NETDFCB
NETDPOP
NETDREL
NETDRYES
NETDUPJB
NETEND
NETEOC
NETFLAG1
NETFLAG2
NETFLAG3
NETIDTAB
NETJBNM
NETJNCB
NETMSGCJ
NETMSGCN
NETMSGCP
NETMSGID
NETMSG1
NETMSG1B
NETMSG1E
NETMSG2
NETMSG2E
NETMSG3
NETMSG3E
NETMSG5E
NETM2TXT
NETM3TXT
NETNETID
NETNRCMP
NETOPHLD
NETPARM
NETPARMW
NETRELPM
NETRLCNT
NETRLTAB
NETRLTB
NETRSBFL
NETRSVD
NETSIZE
NETSUCCP
NETVSIZE
NETWORK1
NETWORK2
NETWTDEL
NHLDPARM

Name

NORMPARM
NRELSCH
RELCONT
RELSNGL
RPAREN

IATYNFD Information

IATYNFD Programming Interface information

Programming Interface information

IATYNFD

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

- *0146
- *0146
- ACMPRSS
- NFDAOSNT
- NFDCKSBP
- NFDCKSWB
- NFDRCVBL
- NFDRIFDB
- NFDRTVEC

End of Programming Interface information

IATYNFD Heading Information

Common Name: NETWORKING STORE-AND-FORWARD DATA AREA
Macro ID: IATYNFD
DSECT Name: IATNTFD
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: JES3 PRIVATE AREA
Auxiliary Storage: N/A
Size: 6224 bytes
Created by: ASSEMBLED IN IATNTFD
Pointed to by: R13 (UPON ENTRY TO IATNTSF)
Serialization: None
Function: THIS IS THE MAPPING OF THE IATNTFD DATA CSECT. IT CONTAINS CONSTANTS, ADDRESSES AND WORK AREAS FOR USE BY THE NETWORKING STORE-AND-FORWARD DSP (IATNTSF).

IATYNFD Map

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

Comment

```
      IATYMOD BR=NO DATA CSECT IDENTIFIER
              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
36	(24)	SIGNED	2		RESERVED FOR ALIGNMENT

IATYNFF Information

IATYNFF Heading Information

Common Name:
Macro ID: IATYNFF
DSECT Name: NFFSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Subpool 0
Auxiliary Storage: N/A
Subpool: 0 (JSAM Buffer)
Key: 1
Residency: Any
Size: NFFSIZE
Created by: IATNTJS
Pointed to by: N/A
Serialization: None
Function: This macro is used to map the Networking FDB File entry. Each entry contains an index, an FDB pointing to a SYSOUT file, record count, line count, skip count (page count), and a byte count.

IATYNFF Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	NFFSTART	, FDB File Record
0	(0)	SIGNED	2	NFFINDEX	File index
2	(2)	BITSTRING	4	NFFRCNT	Record count
6	(6)	BITSTRING	32	NFFFDB	File FDB
38	(26)	BITSTRING	4	NFFLCNT	Line count
42	(2A)	BITSTRING	4	NFFPCNT	Page count
46	(2E)	BITSTRING	4	NFFBCNT	Byte count
50	(32)	BITSTRING	1	NFFSFLG1	Sysout Flag Byte 1
		1...		NFFSCPDS	"X'80'" Sysout File contains Stream ...Mode Data (CPDS)
51	(33)	BITSTRING	5	NFFRESVD	Reserved for IBM
56	(38)	BITSTRING	1	NFFEND (0)	End of FDB file record map
56	(38)	X'38'	0	NFFSIZE	"NFFEND-NFFSTART" Size of FDB file record map

IATYNFF Cross Reference

Name

NFFBCNT
NFFEND
NFFFDB
NFFINDEX
NFFLCNT
NFFPCNT
NFFRCNT
NFFRESVD
NFFSCPDS
NFFSFLG1
NFFSIZE
NFFSTART

IATYNFT Information

IATYNFT Heading Information

Common Name:
Macro ID: IATYNFT
DSECT Name: NFTSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: NFT
Offset: 0
Length: 4
Storage Attributes: Main Storage: JSESUBPL (subpool 8)
Auxiliary Storage: N/A
Subpool: JSESUBPL (subpool 8)
Key: 1
Residency: Any
Size: 8 bytes
Created by: IATDCNC - NCBTAAD routine
IATINFT - STT Initialization
Pointed to by: JNNFTBUF in IATYJNT
JNNFTCBF in IATYJNT
JNNFTCBN in IATYJNT
NFTHNEXT in IATYNFT
Serialization: None
Function: This macro is used to map the NCB FDB Table buffers and entries. Each NFT entry contains the FDB of an NCB buffer on spool. Therefore, an NCB buffer can be read directly without having to read all of the previous buffers.

IATYNFT Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	NFTHSTRT	, NCB FDB Table Header
0	(0)	CHARACTER	4	NFTHID	Control Block Id
4	(4)	ADDRESS	4	NFTHNEXT	Address of next NFT buffer on the chain.
8	(8)	SIGNED	4	NFTHALOC	Number of allocated NFT entries in this buffer
12	(C)	SIGNED	4	NFTHEND (0)	End of NCB FDB Table Header
12	(C)	X'C'	0	NFTHSIZE	"NFTHEND-NFTHSTRT" Size of NCB FDB Table Header
12	(C)	X'5'	0	NFTCOUNT	"5" Number of NFT entries in an NFT buffer
12	(C)	X'8'	0	NFTSUBPL	"8" Subpool used for NFT buffer pools

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	NFTSTART	, NCB FDB Table Entry
0	(0)	BITSTRING	12	NFTNCBFD	NCB FDB
12	(C)	SIGNED	2	NFTBUFNO	NCB Buffer Number
16	(10)	SIGNED	4	NFTEND (0)	End of NCB FDB Table Entry Table Entry
16	(10)	X'10'	0	NFTSIZE	"NFTEND-NFTSTART" Size of NCB FDB Table Entry

IATYNFT Cross Reference

Name

NFTBUFNO
NFTCOUNT
NFTEND
NFTHALOC
NFTHEND
NFTHID
NFTHNEXT
NFTHSIZE
NFTHSTRT
NFTNCBFD
NFTSIZE
NFTSTART
NFTSUBPL

IATYNJH Information

IATYNJH Programming Interface information

Programming Interface information

IATYNJH

End of Programming Interface information

IATYNJH Heading Information

Common Name: FORMAT OF NETWORKING JOB HEADER
Macro ID: IATYNJH
DSECT Name: NJHSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: JES3 PRIVATE AREA
Auxiliary Storage: SPOOL
Size: 324 Bytes
Created by: IATISNJ, IATNTHT
Pointed to by: ISNHDFDB IN IATYNIS
NTHTNJH IN IATYNTHT
Serialization: None
Function: THE STANDARD JOB HEADER RECORD PRECEDES ALL JOBS AND OUTPUT SENT AND RECEIVED OVER THE NETWORK. IT CONTAINS IDENTIFICATION, ROUTING, EXECUTION AND ACCOUNTING INFO.

IATYNJH Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	NJHSTART	NJE Header Prefix
0	(0)	SIGNED	2	NJHLEN	Length of entire header
2	(2)	BITSTRING	1	NJHFLAGS	Prefix flags
3	(3)	BITSTRING	1	NJHSEQ	Sequence indicator
3	(3)	X'4'	0	NJHPRLEN	"*-NJHSTART" Prefix length
3	(3)	X'FFC'	0	NJHMAXLN	"4092" Maximum header length
		Comment			
		THE FIRST FOUR BYTES OF EVERY SECTION MUST CONFORM TO THE FOLLOWING PROTOCOL: DISP LEN DESCRIPTION 0 2 LENGTH OF SECTION 2 1 SECTION IDENTIFIER 3 1 SECTION MODIFIER			
		End of Comment			
4	(4)	SIGNED	4	NJHENTRY (0)	BEGINNING OF SECTION
4	(4)	SIGNED	2	NJHENLEN	LENGTH OF SECTION
6	(6)	BITSTRING	1	NJHENTYP	SECTION IDENTIFIER
7	(7)	BITSTRING	1	NJHENMOD	SECTION MODIFIER
7	(7)	X'4'	0	NJHENSIZ	"*-NJHENTRY" SIZE OF SECTION PREFIX D016
		Comment			
		GENERAL SECTION			
		End of Comment			
4	(4)	SIGNED	4	NJHG (0)	- START OF GENERAL SECTION
4	(4)	SIGNED	2	NJHGLEN	- LENGTH OF GENERAL SECTION
6	(6)	BITSTRING	1	NJHGTYPE	- ID FOR GENERAL SECTION
7	(7)	BITSTRING	1	NJHGMOD	- MODIFIER
8	(8)	SIGNED	2	NJHGJID	2-byte job number at originating node, compatible with NJHGJNO - see IATXJBNO macro
10	(A)	BITSTRING	1	NJHGJCLS	- JOB CLASS
11	(B)	BITSTRING	1	NJHGMCLS	- MESSAGE CLASS
12	(C)	BITSTRING	1	NJHGFLG1	- FLAGS 0393

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
					---------- DEFINITION OF NJHGFLG1 ----------
				End of Comment	
		1...		NJHGF1PR	"X'80'" RECOMPUTE SELECTION PRIORITY
		.... ..1.		NJHGF1PE	"X'02'" OLD PASSWORD IS ENCRYPTED; OLD PASSWORD LENGTH = 8
		1		NJHGF1NE	"X'01'" NEW PASSWORD IS ENCRYPTED; NEW PASSWORD LENGTH = 8
13	(D)	BITSTRING	1	NJHGPRIO	- PRIORITY
14	(E)	BITSTRING	1	NJHGORGQ	- ORIGIN NODE SYSTEM QUALIFIER
15	(F)	BITSTRING	1	NJHGJCPY	- JOB COPY COUNT
16	(10)	BITSTRING	1	NJHGLNCT	- JOB LINE COUNT
17	(11)	CHARACTER	1		- RESERVED FOR DEVELOPMENT
18	(12)	SIGNED	2	NJHGHOPS	CONNECTION HOP COUNT
20	(14)	CHARACTER	8	NJHGACCT	- NETWORK ACCOUNT NUMBER
28	(1C)	CHARACTER	8	NJHGJNAM	- JOB NAME
36	(24)	CHARACTER	8	NJHGUSID	- USER ID FOR NOTIFICATION
44	(2C)	CHARACTER	8	NJHGPASS	- SECURITY CODE
52	(34)	CHARACTER	8	NJHGNPAS	- NEW PASSWORD
60	(3C)	CHARACTER	8	NJHGETS	- ENTRY TIME/DATE (S370 'STCK')
68	(44)	CHARACTER	8	NJHGORGN	- ORIGIN NODE
76	(4C)	CHARACTER	8	NJHGORGR	- ORIGIN TSO OR REMOTE USER
84	(54)	CHARACTER	8	NJHGXEQN	- EXECUTION NODE
92	(5C)	CHARACTER	8	NJHGXEQU	- EXECUTION USER ID
100	(64)	CHARACTER	8	NJHGPRTN	- DEFAULT PRINT NODE NAME
108	(6C)	CHARACTER	8	NJHGPRTR	- DEFAULT PRINT REMOTE NAME
116	(74)	CHARACTER	8	NJHGPUNN	- DEFAULT PUNCH NODE NAME
124	(7C)	CHARACTER	8	NJHGPUNR	- DEFAULT PUNCH REMOTE NAME
132	(84)	CHARACTER	8	NJHGFORM	- JOB FORMS
140	(8C)	SIGNED	4	NJHGICRD	- INPUT CARD COUNT
144	(90)	SIGNED	4	NJHGETIM	- ESTIMATED EXECUTION TIME
148	(94)	SIGNED	4	NJHGELIN	- ESTIMATED OUTPUT LINES
152	(98)	SIGNED	4	NJHGECRD	- ESTIMATED OUTPUT CARDS
156	(9C)	CHARACTER	20	NJHGPRGN	- PROGRAMMER NAME
176	(B0)	CHARACTER	8	NJHGROOM	- PROGRAMMER ROOM NUMBER
184	(B8)	CHARACTER	8	NJHGDEPT	- PROGRAMMER DEPT NUMBER
192	(C0)	CHARACTER	8	NJHGBLDG	- PROGRAMMER BLDG NUMBER
200	(C8)	SIGNED	4	NJHGNREC	- SYSOUT RECORD COUNT
				Comment	
					---------- THE FOLLOWING TWO FIELDS REPRESENT A JOB HEADER EXTENSION. THEIR PRESENCE MUST BE TESTED FOR BY USING THE LENGTH SUPPLIED IN 'NJHGLEN'. ----------
				End of Comment	
204	(CC)	SIGNED	4	NJHGJNO	Expanded job number
208	(D0)	CHARACTER	8	NJHGNTYN	- NOTIFY NODE NAME
216	(D8)	BITSTRING	0	NJNTYDSP (0)	DISPLACEMENT TO NJHGNTYN
216	(D8)	SIGNED	4	NJHGEND (0)	- END OF GENERAL SECTION
216	(D8)	BITSTRING	1	NJHGSIZE (0)	- L'NJHGSIZE = SIZE OF GENERAL SECTION
				Comment	
					JOB SCHEDULING SECTION
				End of Comment	
216	(D8)	SIGNED	4	NJHS (0)	- START OF JOB SCHEDULING SEC

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
216	(D8)	SIGNED	2	NJHSLEN	- LENGTH OF JOB SCHEDULING SEC
218	(DA)	BITSTRING	1	NJHSTYPE	- IDENTIFIER
		Comment			

		DEFINITION OF NJHSTYPE			

		End of Comment			
		1... 1.1.		NJHSJSI	"X'8A'" JOB SCHEDULING IDENTIFIER
219	(DB)	BITSTRING	1	NJHSMOD	- MODIFIER
		Comment			

		DEFINITION OF NJHSMOD			

		End of Comment			
		....		NJHSJSM	"X'00'" JOB SCHEDULING MODIFIER
220	(DC)	SIGNED	4	NJHSPAGE	- ESTIMATED 'BEGIN PAGE'
224	(E0)	SIGNED	4	NJHSBYTE	- ESTIMATED OUTPUT BYTES
228	(E4)	CHARACTER	8	NJHSCLS8	Eight character job class 18620TAA
236	(EC)	CHARACTER	64	NJHSOCOR	Original job correlator 18620TAA
300	(12C)	CHARACTER	8	NJHSXSYS	Name of system where job 18620TAA execution occurred 18620TAA
308	(134)	SIGNED	4	NJHSEND (0)	- END OF JOB SCHEDULING SEC
308	(134)	BITSTRING	1	NJHSSIZE (0)	- L'NJHSSIZE = SIZE OF JOB SCHEDULING SECTION
		Comment			
		SECURITY SECTION			
		End of Comment			
308	(134)	SIGNED	4	NJHT (0)	START OF SECURITY SECTION
308	(134)	SIGNED	2	NJHTLEN	LENGTH OF SECURITY SECTION
310	(136)	BITSTRING	1	NJHTTYPE	SECTION IDENTIFIER
		Comment			

		DEFINITION OF NJHTTYPE			

		End of Comment			
		1... 11..		NJHTSECI	"X'8C'" SECURITY SECTION IDENTIFIER
311	(137)	BITSTRING	1	NJHTMOD	SECTION MODIFIER
		Comment			

		DEFINITION OF NJHTMOD			

		End of Comment			
		....		NJHTSECM	"X'00'" SECURITY SECTION MODIFIER
311	(137)	X'4'	0	NJHTLENH	"*-NJHT" LENGTH OF THE SECURITY 0702 SECTION PREFIX 0702
312	(138)	SIGNED	2	NJHTLENP	LENGTH OF VARIABLE PREFIX D016 SUBSECTION (NJHTLENP UP TO 0702 BUT NOT INCLUDING NJHTTOKN) 0702
314	(13A)	BITSTRING	1	NJHTFLG0	PREFIX SUBSECTION FLAGS D016

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- D	
				DEFINITION OF NJHTFLG0 D	
				---------- D	
				End of Comment	
		1...		NJHTF0JB	"X'80'" 0 - TOKEN IN NJHTTOKN D016 REPRESENTS THE JOB D016 SUBMITTOR D016 1 - TOKEN IN NJHTTOKN D016 REPRESENTS THE JOB D016 OWNER D016
315	(13B)	BITSTRING	1		RESERVED FOR DEVELOPMENT D016
315	(13B)	X'4'	0	NJHTPSIZ	"*-NJHTLENP" SIZE OF PREFIX SUBSECTION 0702
316	(13C)	BITSTRING	80	NJHTTOKN	SECURITY TOKEN
396	(18C)	SIGNED	4	NJHTEND (0)	- END OF SECURITY SECTION
396	(18C)	BITSTRING	1	NJHTSIZE (0)	- L'NJHTSIZE = SECTION LENGTH
				Comment	
				RECOMMENDED FORMAT FOR A USER SECTION	
				End of Comment	
396	(18C)	SIGNED	4	NJHU (0)	START OF USER SECTION 0623
396	(18C)	SIGNED	2	NJHULEN	LENGTH OF USER SECTION 0623
398	(18E)	BITSTRING	1	NJHUTYPE	IDENTIFIER 0623
				Comment	
				---------- 0	
				DEFINITION OF NJHUTYPE 0	
				0	
				- BITS 0-1 MUST BE B'11' 0	
				- BITS 2-7 CAN BE ANYTHING 0	
				---------- 0	
				End of Comment	
		11..		NJHU$USR	"X'C0'" USER SECTION IDENTIFIER 0623 0623
399	(18F)	BITSTRING	1	NJHUMOD	MODIFIER 0623
				Comment	
				---------- 0	
				DEFINITION OF NJHUMOD 0	
				0	
				- ANY VALUE IS ALLOWED 0	
				---------- 0	
				End of Comment	
		....		NJHU$MOD	"X'00'" USER SECTION MODIFIER 0623
400	(190)	CHARACTER	4	NJHUCODE	USER INSTALLATION CODE - 0623 PLACE USER INFORMATION 0623 FIELDS BETWEEN 'NJHUCODE' 0623 AND 'NJHUEND' 0623
404	(194)	SIGNED	4	NJHUEND (0)	END OF USER SECTION 0623
404	(194)	BITSTRING	1	NJHUSIZE (0)	- L'NJHUSIZE = SIZE OF USER 0623 SECTION 0623
				Comment	
				COMMON JOB HEADER INFORMATION	
				End of Comment	
		11..		NJHSRCB	"X'C0'"

IATYNJH Cross Reference

Name

NJHENLEN
NJHENMOD
NJHENSIZ
NJHENTRY
NJHENTYP

NJHFLAGS
NJHG
NJHGACCT
NJHGBLDG
NJHGDEPT

NJHGECRD
NJHGELIN
NJHGEND
NJHGETIM
NJHGETS

NJHGFLG1
NJHGFORM
NJHGF1NE
NJHGF1PE
NJHGF1PR

NJHGHOPS
NJHGICRD
NJHGJCLS
NJHGJCPY
NJHGJID

NJHGJNAM
NJHGJNO
NJHGLEN
NJHGLNCT
NJHGMCLS

NJHGMOD
NJHGNPAS
NJHGNREC
NJHGNTYN
NJHGORGN

NJHGORGQ
NJHGORGR
NJHGPASS
NJHGPRGN
NJHGPRIO

NJHGPRTN
NJHGPRTR
NJHGPUNN
NJHGPUNR
NJHGROOM

NJHGSIZE
NJHGTYPE
NJHGUSID
NJHGXEQN
NJHGXEQU

NJHLEN
NJHMAXLN
NJHPRLEN
NJHS
NJHSBYTE

Name

NJHSCLS8
NJHSEND
NJHSEQ
NJHSJSI
NJHSJSM
NJHSLEN
NJHSMOD
NJHSOCOR
NJHSPAGE
NJHSRCB
NJHSSIZE
NJHSTART
NJHSTYPE
NJHSXSYS
NJHT
NJHTEND
NJHTFLG0
NJHTF0JB
NJHTLEN
NJHTLENH
NJHTLENP
NJHTMOD
NJHTPSIZ
NJHTSECI
NJHTSECM
NJHTSIZE
NJHTTOKN
NJHTTYPE
NJHU
NJHU$MOD
NJHU$USR
NJHUCODE
NJHUEND
NJHULEN
NJHUMOD
NJHUSIZE
NJHUTYPE
NJNTYDSP

IATYNJT Information

IATYNJT Programming Interface information

Programming Interface information

IATYNJT

End of Programming Interface information

IATYNJT Heading Information

Common Name: FORMAT OF NETWORKING JOB TRAILER RECORD
Macro ID: IATYNJT
DSECT Name: NJTSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: JES3 PRIVATE
Auxiliary Storage: SPOOL
Size: 68 Bytes
Created by: IATISNJ, IATNTHT
Pointed to by: NTHTNJT IN IATYNTHT
Serialization: None
Function: THE STANDARD JOB TRAILER RECORD FOLLOWS ALL JOB AND SYSOUT DATA SENT AND RECEIVED OVER THE NETWORK. IT CONTAINS EXECUTION AND ACCOUNTING INFORMATION.

IATYNJT Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	NJTSTART	NJE Header Prefix
0	(0)	SIGNED	2	NJTLEN	Length of entire header
2	(2)	BITSTRING	1	NJTFLAGS	Prefix flags
3	(3)	BITSTRING	1	NJTSEQ	Sequence indicator
3	(3)	X'4'	0	NJTPRLEN	"*-NJTSTART" Prefix length
3	(3)	X'FFC'	0	NJTMAXLN	"4092" Maximum header length
		Comment			

		THE FIRST FOUR BYTES OF EVERY SECTION MUST CONFORM TO THE FOLLOWING PROTOCOL:			
		DISP LEN DESCRIPTION			
		0 2 LENGTH OF SECTION			
		2 1 SECTION IDENTIFIER			
		3 1 SECTION MODIFIER			

		End of Comment			
4	(4)	SIGNED	4	NJTENTRY (0)	BEGINNING OF SECTION
4	(4)	SIGNED	2	NJTENLEN	LENGTH OF SECTION
6	(6)	BITSTRING	1	NJTENTYP	SECTION IDENTIFIER
7	(7)	BITSTRING	1	NJTENMOD	SECTION MODIFIER
		Comment			
		GENERAL SECTION			
		End of Comment			
4	(4)	SIGNED	4	NJTG (0)	- START OF GENERAL SECTION
4	(4)	SIGNED	2	NJTGLEN	- LENGTH OF GENERAL SECTION
6	(6)	BITSTRING	1	NJTGTYPE	- ID FOR GENERAL SECTION
7	(7)	BITSTRING	1	NJTGMOD	- MODIFIER
8	(8)	BITSTRING	1	NJTGFLG1	- FLAGS
9	(9)	BITSTRING	1	NJTGXCLS	The actual execution class of the job
10	(A)	SIGNED	2	NJTGRSV1	Reserved for IBM
12	(C)	CHARACTER	8	NJTGSTRT	The time of day the job started execution in System/370 TOD clock format (GMT)
20	(14)	CHARACTER	8	NJTGSTOP	The time the job completed execution in System/370 TOD clock format (GMT)
28	(1C)	SIGNED	4	NJTGRSV2	Reserved for IBM
32	(20)	SIGNED	4	NJTGALIN	The total number of print lines for this job or job segment at all locations. This is not multiplied by the number of copies

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
36	(24)	SIGNED	4	NJTGACRD	The total number of card images produced for this job or job segment at all locations. This is not multiplied by the number of copies
40	(28)	SIGNED	4	NJTGRSV3	Reserved for IBM
44	(2C)	BITSTRING	1	NJTGIXPR	The initial requested execution selection priority
45	(2D)	BITSTRING	1	NJTGAXPR	The actual execution selection priority used
46	(2E)	BITSTRING	1	NJTGIOPR	The initial job priority for output selection
47	(2F)	BITSTRING	1	NJTGAOPR	The actual output selection priority used
48	(30)	BITSTRING	4	NJTGCOMP (0)	--+ Maximum Job Return Code
48	(30)	BITSTRING	1	NJTJCAB	| Job completion indicator
		1...		NJTJCCC	"X'80'" | Abend code exists
		.1..		NJTGCCDE	"X'40'" | Condition code exists
48	(30)	X'0'	0	NJTGCUNK	"0" | No completion info
48	(30)	X'1'	0	NJTGCNRM	"1" | Job ended normally +
48	(30)	X'2'	0	NJTGCECC	"2" | Job ended by CC +
48	(30)	X'3'	0	NJTGCJCL	"3" | Job had a JCL error
48	(30)	X'4'	0	NJTGCCAN	"4" | Job was canceled
48	(30)	X'5'	0	NJTGCABN	"5" | Job ABENDed +
48	(30)	X'6'	0	NJTGCCAB	"6" | Converter ABENDed
48	(30)	X'7'	0	NJTGCSEC	"7" | Security error
48	(30)	X'8'	0	NJTGCEOM	"8" | Job failed in EOM +
49	(31)	BITSTRING	3	NJTGCODE	--+ Completion code (set for '+' conditions)
52	(34)	SIGNED	4	NJTGEND (0)	- END OF GENERAL SECTION
52	(34)	BITSTRING	1	NJTGSIZE (0)	- L'NJTGSIZE = SIZE OF GENERAL SECTION
		Comment			
		JOB TRAILER ACCOUNTING SECTION			
		End of Comment			
52	(34)	SIGNED	4	NJTS (0)	- START OF ACCOUNTING SECTION
52	(34)	SIGNED	2	NJTSLEN	- LENGTH OF ACCOUNTING SECTION
54	(36)	BITSTRING	1	NJTSTYPE	- IDENTIFIER
		Comment			

		DEFINITION OF NJTSTYPE			

		End of Comment			
		1... 1..1		NJTSACTI	"X'89'" ACCOUNTING SEC IDENTIFIER
55	(37)	BITSTRING	1	NJTSMOD	- MODIFIER
		Comment			

		DEFINITION OF NJTSMOD			

		End of Comment			
		....		NJTSACTM	"X'00'" ACCOUNTING SECTION MODIFIER
56	(38)	SIGNED	4	NJTSAPAG	- ACTUAL 'BEGIN PAGE' COUNT
60	(3C)	SIGNED	4	NJTSABYT	- ACTUAL OUTPUT BYTES COUNT
64	(40)	SIGNED	4	NJTSEND (0)	- END OF ACCOUNTING SECTION
64	(40)	BITSTRING	1	NJTSSIZE (0)	- L'NJTSSIZE = SIZE OF ACCOUNTING SECTION
		Comment			
		RECOMMENDED FORMAT FOR A USER SECTION			
		End of Comment			
64	(40)	SIGNED	4	NJTU (0)	START OF USER SECTION 0623
64	(40)	SIGNED	2	NJTULEN	LENGTH OF USER SECTION 0623
66	(42)	BITSTRING	1	NJTUTYPE	IDENTIFIER 0623

IATYNJT Cross Reference

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- 0	
				DEFINITION OF NJTUTYPE 0	
				0	
				- BITS 0-1 MUST BE B'11' 0	
				- BITS 2-7 CAN BE ANYTHING 0	
				---------- 0	
				End of Comment	
		11..		NJTU$USR	"X'C0'" USER SECTION IDENTIFIER 0623 0623
67	(43)	BITSTRING	1	NJTUMOD	MODIFIER 0623
				Comment	
				---------- 0	
				DEFINITION OF NJTUMOD 0	
				0	
				- ANY VALUE IS ALLOWED 0	
				---------- 0	
				End of Comment	
		....		NJTU$MOD	"X'00'" USER SECTION MODIFIER 0623
68	(44)	CHARACTER	4	NJTUCODE	USER INSTALLATION CODE - 0623 PLACE USER INFORMATION 0623 FIELDS BETWEEN 'NJTUCODE' 0623 AND 'NJTUEND' 0623
72	(48)	SIGNED	4	NJTUEND (0)	END OF USER SECTION 0623
72	(48)	BITSTRING	1	NJTUSIZE (0)	- L'NJTUSIZE = SIZE OF USER 0623 SECTION 0623
				Comment	
				COMMON JOB TRAILER INFORMATION	
				End of Comment	
		11.1		NJTSRCB	"X'D0'"

IATYNJT Cross Reference

Name

NJTENLEN
NJTENMOD
NJTENTRY
NJTENTYP
NJTFLAGS

NJTG
NJTGACRD
NJTGALIN
NJTGAOPR
NJTGAXPR

NJTGCABN
NJTGCCAB
NJTGCCAN
NJTGCCDE
NJTGCECC

NJTGCEOM
NJTGCJCL
NJTGCNRM
NJTGCODE
NJTGCOMP

Name

NJTGCSEC
NJTGCUNK
NJTGEND
NJTGFLG1
NJTGIOPR
NJTGIXPR
NJTGLEN
NJTGMOD
NJTGRSV1
NJTGRSV2
NJTGRSV3
NJTGSIZE
NJTGSTOP
NJTGSTRT
NJTGTYPE
NJTGXCLS
NJTJCAB
NJTJCCC
NJTLEN
NJTMAXLN
NJTPRLEN
NJTS
NJTSABYT
NJTSACTI
NJTSACTM
NJTSAPAG
NJTSEND
NJTSEQ
NJTSLEN
NJTSMOD
NJTSRCB
NJTSSIZE
NJTSTART
NJTSTYPE
NJTU
NJTU$MOD
NJTU$USR
NJTUCODE
NJTUEND
NJTULEN
NJTUMOD
NJTUSIZE
NJTUTYPE

IATYNJY Information

IATYNJY Programming Interface information

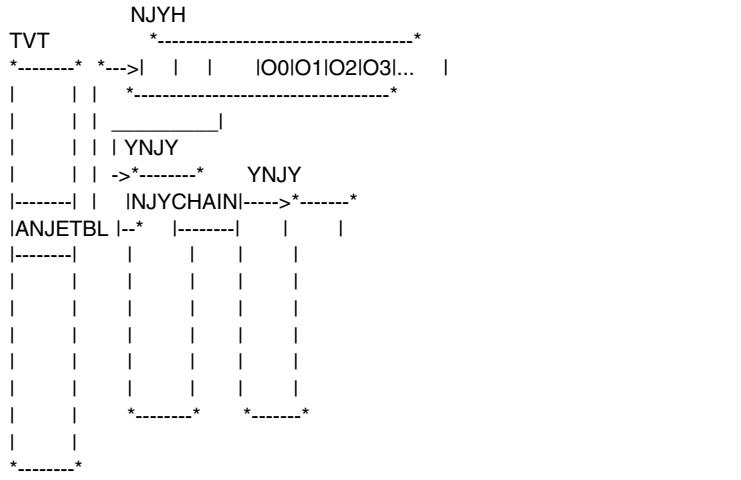
Programming Interface information

IATYNJY

End of Programming Interface information

IATYNJY Heading Information

Common Name: NETWORKING TABLE ENTRY MACRO
Macro ID: IATYNJY
DSECT Name: NJYHASH
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: NJYH
Offset: 0
Length: 4
Storage Attributes: Main Storage: JES3 PRIVATE AREA
Auxiliary Storage: N/A
Size: 104 Bytes
Created by: IATINN4
Pointed to by: ANJETBL IN IATYTVT
ANJETBL POINTS TO A HASHING STRUCTURE USED
TO REDUCE THE PATHLENGTH NEEDED TO FIND A
NODE NAME. STRUCTURE LOOKS LIKE:



THE INDIVIDUAL NODES ARE CHAINED FROM OFFSET (OX) IN
THE HASH TABLE USING THE THREAD NJEHNXT IN THE INDIVDUAL
NJE NODE ENTRIES. THE NUMBER OF HASH BASES IS DETERMINED
BY IATINN4.
Serialization: None
Function: THIS MACRO CONTAINS THE FORMATTED LAYOUT
OF EACH ENTRY INCLUDED IN THE NETWORKING
NODE TABLE.

IATYNJY Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	NJYHASH	D004
0	(0)	CHARACTER	4	NJYHEYE	"NJYH" D004
4	(4)	ADDRESS	4	NJYHSEG	POINTER TO FIRST NJE NODE D004 TABLE SEGMENT D004
8	(8)	ADDRESS	4	NJYHENT	ADDRESS OF FIRST ENTRY IN D004 FIRST TABLE SEGMENT. D004
		Comment			
		2 LINES DELETED BY PTM PHZ0064 0			
		End of Comment			
12	(C)	SIGNED	4	NJYHNUM	HASH NUMBER D004
16	(10)	SIGNED	4	NJYHSIZ	SIZE OF HASH TABLE D004
20	(14)	SIGNED	4		RESERVED FOR DEVELOPMENT 0064
24	(18)	DBL WORD	8		RESERVED FOR DEVELOPMENT 0064
32	(20)	SIGNED	4	NJYHOFF (0)	BEGINNING OF THE HASH TABLE D004
32	(20)	BITSTRING	1	NJYHFIX (0)	D004

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	NJYTABLE	
0	(0)	ADDRESS	4	NJYCHAIN	ADDRESS OF NEXT TABLE EXTENT
4	(4)	ADDRESS	4	NJYLAST	ADDRESS OF LAST REAL ENTRY
8	(8)	SIGNED	2	NJYTOTAL	NO. OF ENTRIES THIS EXTENT
10	(A)	SIGNED	2	NJYAVAIL	NO. OF ENTRIES AVAILABLE
12	(C)	SIGNED	4	NJYRSVD1 (2)	RESERVED FOR DEVELOPMENT
20	(14)	SIGNED	4	NJYRSVD2	RESERVED FOR SERVICE
24	(18)	SIGNED	4	NJYEND (0)	END OF TABLE EXTENT HEADER
24	(18)	BITSTRING	1	NJYSIZE (0)	L'NJYSIZE = SIZE OF HEADER

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	NJEENTRY	
0	(0)	CHARACTER	8	NJENAME	- NETWORKING NODE NAME
8	(8)	CHARACTER	8	NJEPATH	- TRANSMISSION PATH
16	(10)	CHARACTER	8	NJELINE	- NETWORKING LINE NAME

Comment

For TCPIP nodes, the first and last socket pointers are doubly defined over NJELINE, which is used for BSC only.

End of Comment

16	(10)	ADDRESS	4	NJEFSOCK	First socket
20	(14)	ADDRESS	4	NJELSOCK	Last socket
24	(18)	CHARACTER	8	NJEEXSIG	- SIGNATURE EXPECTED FROM RMT NODE
32	(20)	CHARACTER	8	NJEEXPWD	- PASSWORD EXPECTED FROM RMT NODE
40	(28)	SIGNED	4	NJENEXT	PHYSICAL ENTRY- SERIAL SRCH 0064
44	(2C)	SIGNED	4	NJEHNXT	HASH ENTRY- HASH SEARCH 0064
48	(30)	SIGNED	2	NJESPNDX	Spool Partition Index 0028
50	(32)	SIGNED	2	NJEMXCT	ALLOWABLE MAX LINE #161
52	(34)	CHARACTER	8	NJESIG	- SIGNATURE SENT TO RMT NODE
60	(3C)	CHARACTER	8	NJEPWD	- PASSWORD SENT TO RMT NODE
68	(44)	CHARACTER	8	NJEBDTID	- BDT NODE IN JES3 COMPLEX
68	(44)	X'3'	0	NJECSCNT	"3" Number of line data CSECTs
76	(4C)	SIGNED	4	NJECSACT (0)	- Pointer to line data CSECTs for node
88	(58)	BITSTRING	4	NJECSTRM	- Data CSECT table terminator

Comment

For TCPIP nodes, the transmitters and receivers are are doubly defined over the first word of NJECSACT. NJECSACT is used for BSC only.

End of Comment

76	(4C)	ADDRESS	1	NJEJTRN	Job transmitters
77	(4D)	ADDRESS	1	NJEOTRN	Output transmitters
78	(4E)	ADDRESS	1	NJEJRCV	Job receivers
79	(4F)	ADDRESS	1	NJEORCV	Output receivers
80	(50)	BITSTRING	1	NJETCPF1	TCP/IP related flag 1

Comment

Definition of bits in NJETCPF1

End of Comment

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		1...		NJESOCND	"X'80'" - Issued 'IAT9352 - No socket defined for node' message
		.1..		NJESOCNA	"X'40'" - Issued 'IAT9352 - No socket active for node' message
		..1.		NJESOCDF	"X'20'" - Sockets defined for node
		...1		NJESOCAC	"X'10'" - Sockets active for node
		.... 1...		NJETF108	"X'08'" - Reserved for IBM - TCP/IP
		.... .1..		NJETF104	"X'04'" - Reserved for IBM - TCP/IP
		.... ..1.		NJETF102	"X'02'" - Reserved for IBM - TCP/IP
		1		NJETF101	"X'01'" - Reserved for IBM - TCP/IP
81	(51)	BITSTRING	3	NJETRSV1	Reserved for IBM - TCP/IP
84	(54)	ADDRESS	4	NJE9352A	Console message buffer addrs
88	(58)	ADDRESS	4	NJETCPA	Netserv TCP CSECT address
92	(5C)	SIGNED	2	NJEBFSIZ	- TRANSMISSION BUFFER SIZE
94	(5E)	SIGNED	2	NJERDLY	- RESTART DELAY (MINUTES)
96	(60)	SIGNED	2	NJERTYCT	- NUMBER OF IO RETRY ATTEMPTS
98	(62)	BITSTRING	1	NJEFLAG1	- NJE FLAG
		Comment			
		---------- DEFINITION OF BITS IN NJEFLAG1 ----------			
		End of Comment			
		1...		NJECTC	"X'80'" - CTC LINK
		.1..		NJEAUTO	"X'40'" - AUTOMATIC RESTART
		..1.		NJEMULTI	"X'20'" - MULTIPLE STREAM SUPPORT
		...1		NJEHOME	"X'10'" - HOME (LOCAL) NODE
		.... 1...		NJEPWENC	"X'08'" - JOB PASSWORD(S) SHOULD BE D016 ENCRYPTED
		.... .1..		NJEPWLOC	"X'04'" - JOB PASSWORD(S) SHOULD BE D016 CHECKED AT THIS NODE D016
		.... ..1.		NJEHOLD	"X'02'" - PUT JOBS IN HOLD
		1		NJETYPSN	"X'01'" - PROTOCOL TYPE IS SNA
99	(63)	BITSTRING	1	NJEFLAG2	NJE Flag 2 0008
		1...		NJEALIAS	"X'80'" ALIAS= definition
		.1..		NJENTHLD	"X'40'" Incoming sysout that appears0008 to be NETDATA (NDHGRMT = 0008 NDHGXWTR) should be held 0008 for TSO RECEIVE even if 0008 destination is known to 0008 JES3 0008
		..1.		NJEXNMNR	"X'20'" External writer name is not required for incoming SYSOUT to be held for EXTWTR
		...1		NJENODEF	"X'10'" Default SYSOUT classes will not be assigned
		.... 1...		NJETCPIP	"X'08'" Protocol type is TCP/IP
		.... .1..		NJESCSGN	"X'04'" Secure signon (TCPIP only)
		.... ..1.		NJEACTIV	"X'02'" Node is active (TCPIP only)
		1		NJETLS	"X'01'" Node is TLS (TCPIP only)
100	(64)	CHARACTER	1	NJEPRDEF	- NODAL DEFAULT PRINT CLASS
101	(65)	CHARACTER	1	NJETSODF	NODAL DEFAULT TSO CLASS
102	(66)	CHARACTER	1	NJEXWTDF	NODAL DEFAULT XWTR DEFAULT
103	(67)	CHARACTER	1	NJEPUDEF	- NODAL DEFAULT PUNCH CLASS
104	(68)	SIGNED	4	NJEEND (0)	- END OF ENTRY
104	(68)	BITSTRING	1	NJESIZE (0)	- L'NJESIZE = SIZE OF ENTRY
104	(68)	X'68'	0	IRMTSIZE	"L'NJESIZE" Length for writing itext

IATYNJY Cross Reference

Name

IRMTSIZE
NJEACTIV
NJEALIAS
NJEAUTO
NJEBDTID
NJEBFSIZ
NJECSACT
NJECSCNT
NJECSTRM
NJECTC
NJEEND
NJEENTRY
NJEEXPWD
NJEEXSIG
NJEFLAG1
NJEFLAG2
NJEFSOCK
NJEHNXT
NJEHOLD
NJEHOME
NJEJRCV
NJEJTRN
NJELINE
NJELSOCK
NJEMULTI
NJEMXCT
NJENAME
NJENEXT
NJENODEF
NJENTHLD
NJEORCV
NJEOTRN
NJEPATH
NJEPRDEF
NJEPUDEF
NJEPWD
NJEPWENC
NJEPWLOC
NJERDLY
NJERTYCT
NJESCSGN
NJESIG
NJESIZE
NJESOCAC
NJESOCDF
NJESOCNA
NJESOCND
NJESPNDX
NJETCPA
NJETCPF1
NJETCPIP
NJETF101
NJETF102
NJETF104
NJETF108

Name

NJETLS
NJETRSV1
NJETSODF
NJETYPSN
NJEXNMNR
NJEXWTDF
NJE9352A
NJYAVAIL
NJYCHAIN
NJYEND
NJYHASH
NJYHENT
NJYHEYE
NJYHFIX
NJYHNUM
NJYHOFF
NJYHSEG
NJYHSIZ
NJYLAST
NJYRSVD1
NJYRSVD2
NJYSIZE
NJYTABLE
NJYTOTAL

IATYNPC Information

IATYNPC Heading Information

Common Name: NETWORKING PENDING COMMAND ELEMENT
Macro ID: IATYNPC
DSECT Name: NPCENTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: none
Storage Attributes: Main Storage: JES3 PRIVATE
Auxiliary Storage: N/A
Size: 40 Bytes
Created by: IATCNNJ
Pointed to by: FRSTNPC IN IATYNCQ
LASTNPC "
Serialization: none
Function: This macro contains information to manage an NJE command instance. The NJE command instances are are managed by the NJECONS DSP.
"DO NOT CHANGE ANY OFFSETS IN THIS MACRO -- Referenced by non-source modules"

IATYNPC Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	NPCENTRY	NJE Pending Command Element
0	(0)	CHARACTER	4	NPCEYE	NPC Eye Catcher ('NPCE')
4	(4)	ADDRESS	4	NPCNEXT	Pointer to Next NPC entry
8	(8)	BITSTRING	1	NPCFLAG	NJE Pending Command Flag
9	(9)	CHARACTER	3	NPCRSVD0	Reserved for Development
12	(C)	SIGNED	4	NPCCOUNT	Count of 1 minute timer ...passes thru NPC entry
16	(10)	CHARACTER	8	NPCCONAM (0)	Console Name representing ...the command instance ...(Two parts defined below)
16	(10)	ADDRESS	4	NPCICMDA	Address of this NPC entry
20	(14)	ADDRESS	4	NPCISEQN	Sequence number of this ...command instance
24	(18)	ADDRESS	4	NPCINMRA	Address of Inbound command ...entry (IATYNBF)
28	(1C)	SIGNED	4	NPCRSVD4 (2)	Reserved for Development

Comment

SETTINGS FOR NPCFLAG

End of Comment

		1...		NPCACTIV	"X'80'" - At Least 1 command response ...was received for this ...command instance
		.1..		NPCIDLE	"X'40'" - Command response(s) ...received within the last ...minute
		..1.		NPCRSVD1	"X'20'" - Reserved for Development
		...1		NPCRSVD2	"X'10'" - Reserved for Development
		.... 1...		NPCRSVD3	"X'08'" - Reserved for Service
		.... .1..		NPCRSVS1	"X'04'" - Reserved for Service
		.... ..1.		NPCRSVS2	"X'02'" - Reserved for Service
		1		NPCRSVS3	"X'01'" - Reserved for Service
28	(1C)	X'24'	0	NPCEND	"*" End of NPC entry
28	(1C)	X'24'	0	NPCSIZE	"(NPCEND-NPCENTRY)" Size of NPC entry

IATYNPC Cross Reference

Name

NPCACTIV
NPCCONAM
NPCCOUNT
NPCEND
NPCENTRY
NPCEYE
NPCFLAG
NPCICMDA
NPCIDLE
NPCINMRA
NPCISEQN
NPCNEXT
NPCRSVD0
NPCRSVD1
NPCRSVD2
NPCRSVD3
NPCRSVD4
NPCRSVS1
NPCRSVS2
NPCRSVS3
NPCSIZE

IATYNRD Information

IATYNRD Programming Interface information

Programming Interface information

IATYNRD

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

- NRDADPRS
- NRDASSWE
- NRDJBBRS
- NRDJBRRS
- NRDOPBRS
- NRDOPRRS
- NRDRESUM
- NRDSSWRK

End of Programming Interface information

IATYNRD Heading Information

Common Name: NETWORKING RECEIVER WORK AREA
Macro ID: IATYNRD
DSECT Name: NRDSTART (NRD)
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: NRD
Offset: 0
Length: 4
Storage Attributes: Main Storage: JES3 PRIVATE AREA
Auxiliary Storage: N/A
Subpool: 0 (JESPOOL)
Key: 1 (JESKEY)
Residency: ANY
Size: 4K
Created by: IATNTDR AND IATNTNR
Pointed to by: NDTNRDPT IN MACRO IATYNDT
NDNNRDPT IN MACRO IATYNDN
Serialization: N/A
Function: THIS MACRO CONTAINS THE DATA AREA FOR THE NJE RECEIVER

IATYNRD Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	NRDSTART	
0	(0)	CHARACTER	4	NRDID	EYE CATCHER

Comment

PARAMETER LIST FOR JOB RECEPTION

End of Comment

4	(4)	SIGNED	4	NRDJPARM (0)	
4	(4)	BITSTRING	32	NRDJHFDB	JOB HEADER FILE FDB
36	(24)	BITSTRING	32	NRDJTFDB	JOB TRAILER FILE FDB
68	(44)	BITSTRING	32	NRDJDFDB	JOB DATA SET HEADER FILE FDB
100	(64)	BITSTRING	28	NRDJTATF	JOB TAT FDB
128	(80)	BITSTRING	28	NRDJHTAT	JH DSISO TAT FDB 0513
156	(9C)	BITSTRING	28	NRDJTTAT	JT DSISO TAT FDB 0513
184	(B8)	BITSTRING	12	NRDJBJCT	JCT FDB
196	(C4)	BITSTRING	12	NRDJBJDA	JDAB FDB
208	(D0)	BITSTRING	12	NRDJBJDS	JDS FDB
220	(DC)	BITSTRING	12	NRDJBJMR	JMR FDB
232	(E8)	BITSTRING	12	NRDJBPRM	PARAMETER FDB
244	(F4)	BITSTRING	12	NRDJBOSE	OSE FDB
256	(100)	BITSTRING	3	NRDRESV1	RESERVED FOR DEVELOPMENT
259	(103)	BITSTRING	1	NRDJRVF1	JOB RECEIVE FLAG

Comment

JOB RECEIVE FLAG

End of Comment

1...	NRDJHRCV	"X'80'" JOB HEADER RECEIVED
.1..	NRDJTRCV	"X'40'" JOB TRAILER RECEIVED
..1.	NRDJBLOC	"X'20'" JOB FOR LOCAL EXECUTION
...1	NRDJJRCV	"X'10'" JOB JCL RECEIVED
.... 1...	NRDJBBSC	"X'08'" JOB FOR BSC DESTINATION 0237
.... .1..	NRDJJHLS	"X'04'" JOB HEADER SEGMENT 1 PROCESSED; LAST SEGMENT NOT
.... ..1.	NRDJBSNA	"X'02'" Job for SNA destination
....1	NRDJBTCP	"X'01'" Job for TCP/IP destination

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
260	(104)	BITSTRING	1	NRDJRVF2	JOB RECEIVE FLAG 2
		Comment			

		JOB RECEIVE FLAG 2			

		End of Comment			
		1...		NRDJCTAD	"X'80'" UTILITY JOB ADDED TO QUEUE
		.1..		NRDJJHFP	"X'40'" JOB HEADER FIRST PASS
261	(105)	BITSTRING	3	NRDRESV2	RESERVED FOR DEVELOPMENT 0562
264	(108)	SIGNED	4	NRDJBRCT	INPUT RECORD COUNT
268	(10C)	SIGNED	4	NRDJREND (0)	
268	(10C)	BITSTRING	1	NRDJRSIZ (0)	
		Comment			

		JOB DATA AREA			

		End of Comment			
268	(10C)	ADDRESS	4	NRDJBBRS	Main routine save area
272	(110)	ADDRESS	4	NRDJBRRS	RETURN REGISTER SAVE AREA 0239
276	(114)	ADDRESS	4	NRDJJHBA	J. H. BUFFER ADDR
280	(118)	ADDRESS	4	NRDJHBUF	J. H. BUFFER ADDR SAVE AREA
284	(11C)	SIGNED	4	NRDJRDEV (4)	RESERVED FOR DEVELOPMENT 0239
300	(12C)	SIGNED	4	NRDJRSRV (3)	RESERVED FOR SERVICE
312	(138)	SIGNED	4	NRDCOMP	Job completion indicator
316	(13C)	CHARACTER	8	NRDJDNUM	JOB ID
324	(144)	CHARACTER	8	NRDJOJBI	Job ID on origin node
332	(14C)	SIGNED	4	NRDJHBLN	J. H. BUF LENGTH SAVE AREA
336	(150)	SIGNED	2	NRDJJHLN	J.H. LENGTH SAVE AREA
338	(152)	ADDRESS	4	NRDJBNUM	Binary job number
342	(156)	CHARACTER	8	NRDJBNAM	JOB NAME
350	(15E)	CHARACTER	8	NRDJBORG	ORIGIN NODE
358	(166)	CHARACTER	8	NRDJBUSR	PROGRAMMER NAME OR USERID
366	(16E)	CHARACTER	8	NRDJBXEQ	XEQ NODE FOR JOB
374	(176)	CHARACTER	8	NRDJBRMT	ORIGIN TSO / REMOTE USERID
382	(17E)	CHARACTER	8	NRDJBNFY	NOTIFY NODE NAME
390	(186)	CHARACTER	1	NRDJBQUL	ORIGIN QUALIFIER
		1.11 1111		NRDBZERO	"X'BF'" BLANK/ZERO TEST VALUE
391	(187)	BITSTRING	5	NRDRESV3	Reserved for IBM
		Comment			
		PARAMETER LIST FOR SYSOUT RECEPTION			
		End of Comment			
396	(18C)	SIGNED	4	NRDOPARM (0)	
396	(18C)	BITSTRING	32	NRDOHFDB	JOB HEADER FILE FDB
428	(1AC)	BITSTRING	32	NRDOTFDB	JOB TRAILER FILE FDB
460	(1CC)	BITSTRING	32	NRDODSHF	DATA SET HEADER FDB
492	(1EC)	BITSTRING	32	NRDOFFDB	FDB FILE FDB
524	(20C)	BITSTRING	32	NRDODFDB	DATA FILE FDB
556	(22C)	BITSTRING	28	NRDOTATF	JOB TAT FDB
584	(248)	BITSTRING	28	NRDOHTAT	JH DSISO TAT FDB 0513
612	(264)	BITSTRING	28	NRDOTTAT	JT DSISO TAT FDB 0513
640	(280)	BITSTRING	12	NRDOPJCT	JCT FDB
652	(28C)	BITSTRING	12	NRDOPJDA	JDAB FDB
664	(298)	BITSTRING	12	NRDOPJDS	JDS FDB
676	(2A4)	BITSTRING	12	NRDOPJMR	JMR FDB
688	(2B0)	BITSTRING	1	NRDOPOSE	OSE FDB

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		1 LINE DELETED BY PTM PGR0562 0			
				End of Comment	
700	(2BC)	SIGNED	4	NRDORCNT	RECORD COUNT
704	(2C0)	SIGNED	4	NRDOLCNT	LINE COUNT OF THE SYSOUT
708	(2C4)	SIGNED	4	NRDOBCNT	Byte count for sysout DS
712	(2C8)	SIGNED	4	NRDSKCNT	Count of skips to channel 1
716	(2CC)	SIGNED	4	NRDOPCNT	Stream mode page count
720	(2D0)	SIGNED	4	NRDOTCRD	RCV SYSOUT TOTAL CARDS
724	(2D4)	SIGNED	4	NRDOTLIN	RCV SYSOUT TOTAL LINES
728	(2D8)	SIGNED	2	NRDOINDX	DATA FILE INDEX
730	(2DA)	BITSTRING	1	NRDOPRIO	Job priority from NJH
731	(2DB)	BITSTRING	1	NRDOJCLS	Job class from NJH
732	(2DC)	BITSTRING	1	NRDORVF1	OUTPUT RECEIVE FLAG
				Comment	
		---------- SYSOUT RECEIVE FLAG ----------			
				End of Comment	
		1...		NRDOHRCV	"X'80'" JOB HEADER RECEIVED
		.1..		NRDOTRCV	"X'40'" JOB TRAILER RECEIVED
		..1.		NRDODRCV	"X'20'" DATA SET HEADER RECEIVED
		...1		NRDORRCV	"X'10'" DATA RECORD RECEIVED
		.... 1...		NRDOLOCP	"X'08'" OUTPUT FOR LOCAL PROCESSING
		.... .1..		NRDOSTFP	"X'04'" OUTPUT FOR STORE-AND-FORWARD
		.... ..1.		NRDODPRO	"X'02'" DATA SET HEADER SEGMENT 1 PROCESSED; LAST SEGMENT NOT
		1		NRDOJHLS	"X'01'" JOB HEADER SEGMENT 1 PROCESSED; LAST SEGMENT NOT
733	(2DD)	BITSTRING	1	NRDORVF2	SYSOUT RECEIVE FLAG 2
				Comment	
		---------- SYSOUT RECEIVE FLAG 2 ----------			
				End of Comment	
		1...		NRDOJCTA	"X'80'" UTILITY JOB ADDED TO QUEUE
		.1..		NRDOCDSH	"X'40'" CONSECUTIVE DSH RECEIVE FLAG
		..1.		NRDOLNCD	"X'20'" 0=CNT LINES, 1=CNT CARDS
		...1		NRDODOPN	"X'10'" OUTPUT DATA FILE OPEN
		.... 1...		NRDNTSPN	"X'08'" NETWORK SPAN 1ST SEG FOUND 0343 RESET WHEN LAST SEG FOUND 0343
		.... .1..		NRDOJHFP	"X'04'" JOB HEADER FIRST PASS
		.... ..1.		NRDOGOTU	"X'02'" AN UNKNOWN USER TOKEN HAS 0612 BEEN OBTAINED D016
734	(2DE)	BITSTRING	1	NRDORVF3	SYSOUT RECEIVE FLAG 3 0622
				Comment	
		---------- 0 SYSOUT RECEIVE FLAG 3 0 ---------- 0			
				End of Comment	
		1...		NRDDSHIN	"X'80'" THE FIRST DATA SET HEADER 0622 HAS BEEN INSPECTED FOR THE 0622 PRESENCE OF A SECURITY 0622 SECTION 0622

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.1..		NRDDSHTK	"X'40'" SECURITY TOKEN WAS FOUND 0622 IN FIRST DATA SET HEADER 0622
		..1.		NRDOSMD	"X'20'" At least one stream record found in the file
		...1		NRDOTUID	"X'10'" Remote TSO userid present
		.... 1...		NRDO3R08	"X'08'" RESERVED FLAG 0622
		.... .1..		NRDO3R04	"X'04'" RESERVED FLAG 0622
		.... ..1.		NRDO3R02	"X'02'" RESERVED FLAG 0622
		1		NRDO3R01	"X'01'" RESERVED FLAG 0622
735	(2DF)	BITSTRING	1	NRDOCCTL	CARRIAGE CONTROL SRCB FROM HDR
		Comment			

		SYSOUT CARRIAGE CONTROL SRCB			

		End of Comment			
		1...		NRDONCTL	"X'80'" NO CARRIAGE CONTROL
		1..1		NRDOMCTL	"X'90'" MACHINE CARRIAGE CONTROL
		1.1.		NRDOACTL	"X'A0'" ASA CARRIAGE CONTROL
		1.11		NRDOSTRM	"X'B0'" STREAM MODE DATA FLAG
		1...		NRDONSPN	"X'80'" NON-SPANNED DATA FLAG
		1... 1...		NRDOFSTR	"X'88'" FIRST 'RECORD SECTION' FLAG
		1... .1..		NRDONTHR	"X'84'" NTH 'RECORD SECTION' FLAG
		1... 11..		NRDOLSTR	"X'8C'" LAST 'RECORD SECTION' FLAG
736	(2E0)	BITSTRING	1	NRDOSRCB	CARRIAGE CONTROL SAVE AREA
		Comment			

		SYSOUT CARRIAGE CONTROL SAVE AREA			

		End of Comment			
		1111		NRDOCTLF	"X'F0'" CARRIAGE CONTROL FLAGS
		1... 1111		NRDOSPNF	"X'8F'" SPANNED DATA FLAGS
737	(2E1)	BITSTRING	1	NRDODCTL	DEFAULT CARRIAGE CONTROL CHAR
		Comment			

		DEFAULT SYSOUT CARRIAGE CONTROL			

		End of Comment			
		....		NRDONCDF	"X'00'" NO CARRIAGE CONTROL DEFAULT
		.... 1..1		NRDOMCDF	"X'09'" MACHINE CARRIAGE CONTROL DEFAULT
		.1..		NRDOACDF	"X'40'" ASA CARRIAGE CONTROL DEFAULT
738	(2E2)	BITSTRING	2	NRDRESV5	RESERVED FOR DEVELOPMENT 0622
740	(2E4)	SIGNED	4	NRDOREND (0)	
740	(2E4)	BITSTRING	1	NRDORSIZ (0)	
		Comment			

		SYSOUT DATA AREA			

		End of Comment			
740	(2E4)	ADDRESS	4	NRDOPBRS	Main routine save area
744	(2E8)	ADDRESS	4	NRDOPRRS	RETURN REGISTER SAVE AREA 0239
748	(2EC)	ADDRESS	4	NRDOJHBA	J. H. BUFFER ADDR
752	(2F0)	ADDRESS	4	NRDOHBUF	J. H. BUFFER ADDR SAVE AREA
756	(2F4)	SIGNED	2	NRDSEGSM	SEGL ACCUMULATOR FOR SDM 0066 SPANNED SYSOUT RECORDS 0066

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

				Fields used to process temporary storage for SDM spanned records.	

				End of Comment	
758	(2F6)	SIGNED	2	NRDOBRL	Room left in SDM spanned data temporary storage
760	(2F8)	ADDRESS	4	NRDOFBUF	First buffer address of SDM spanned data temp. storage
764	(2FC)	ADDRESS	4	NRDOCBUF	Current buffer address of spanned data temp. storage
768	(300)	ADDRESS	4	NRDONBUF	Next buffer address of SDM spanned data temp. storage
772	(304)	ADDRESS	4	NRDOSPTR	Current segment ptr of SDM spanned data temp. storage
776	(308)	ADDRESS	4	NRDOPPTR	Previous segment ptr of SDM spanned data temp. storage
		1111 1111		NRDEOB	"X'FF'" End-of-buffer indicator of spanned data temp. storage
780	(30C)	SIGNED	4	NRDOLRCL	Original logical rec length 0068
784	(310)	ADDRESS	4	NRDOJTBA	Job trailer buffer address
788	(314)	CHARACTER	8	NRDODNUM	JOB ID
796	(31C)	CHARACTER	8	NRDOOJBI	Job ID on origin node
804	(324)	SIGNED	4	NRDOHBLN	J. H. BUF LENGTH SAVE AREA
808	(328)	SIGNED	2	NRDOJHLN	J.H. LENGTH SAVE AREA
810	(32A)	SIGNED	2	NRDOJTLN	J.T. LENGTH SAVE AREA 0535
812	(32C)	SIGNED	4	NRDOBNUM	Binary job number
816	(330)	SIGNED	2	NRDODSLN	RECORD LNG FROM DSH NDHGLREC
818	(332)	BITSTRING	80	NRDOTKSV	SECURITY TOKEN SAVE AREA 0622
898	(382)	CHARACTER	8	NRDOJNAM	JOB NAME
906	(38A)	CHARACTER	8	NRDOJORG	ORIGIN NODE
914	(392)	CHARACTER	8	NRDOJUSR	PROGRAMMER NAME OR USERID
922	(39A)	CHARACTER	8	NRDOJXEQ	EXECUTION NODE NAME FROM D016 THE JH D016
930	(3A2)	CHARACTER	8	NRDOJRMT	ORIGIN TSO / REMOTE USERID
938	(3AA)	CHARACTER	8	NRDOJNFY	NOTIFY NODE NAME
946	(3B2)	CHARACTER	1	NRDOJQUL	ORIGIN QUALIFIER
947	(3B3)	BITSTRING	1	NRDODCCC	CARRIAGE CONTROL CHARACTER
				Comment	
				MISCELLANEOUS DATA AREA	
				End of Comment	
948	(3B4)	SIGNED	4	NRDRSAVE (13)	REGISTER SAVE AREA
1000	(3E8)	ADDRESS	4	NRDADSHB	ADDRESS OF DSH BUFFER
1004	(3EC)	ADDRESS	4	NRDADPRS	ADDRESS OF DATA DECOMP RTN
1008	(3F0)	ADDRESS	4	NRDBUFAD	WORK BUFFER ADDR SAVE AREA
1012	(3F4)	SIGNED	4	NRDBUFLN	WORK BUFFER LENGTH SAVE AREA
				Comment	

				The buffer pointer is not required for TCP/IP as we handle the transmission buffer from the Netserv itself. The storage is reused to store the MJIB address in case of TCP/IP processing.	

				End of Comment	
1016	(3F8)	SIGNED	4	NRDBFPTR	BUFFER POINTER (only for BSC and SNA)
1016	(3F8)	X'3F8'	0	NRDMJIBA	"NRDBFPTR,4,C'A'" MJIB address (only for TCP)
1020	(3FC)	SIGNED	4	NRDBFEND	POINTER TO LAST BYTE OF 0343 'TRANSMISSION' BUFFER 0343
1024	(400)	SIGNED	4	NRDRECNX	POINTER TO NEXT RCB
1028	(404)	SIGNED	4	NRDRECPT	POINTER TO FIRST RECORD
1032	(408)	ADDRESS	4	NRDASSWE	ADDRESS OF SSWE 0562

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1036	(40C)	ADDRESS	4	NRDSSECF	POINTER TO ECF TO BE POSTED 0562 BY THE SECURITY SUBTASK 0562 (IATGRSS) UPON ITS 0562 COMPLETION 0562
1040	(410)	ADDRESS	4	NRDSSWRK	SECURITY SUBTASK WORK 0562 COMPLETE QUEUE - COMPLETED 0562 SSWE'S ARE ADDED TO THIS 0562 QUEUE BY IATGRSS; IT MUST 0562 BE SERIALIZED BY COMPARE 0562 AND SWAP 0562
1044	(414)	ADDRESS	4	NRDRESUM	ADDRESS OF THE ROUTINE TO 0562 GET CONTROL FOR A WAKEUP 0562 CALL AFTER COMPLETION OF 0562 THE SECURITY SUBTASK 0562
1048	(418)	SIGNED	4	NRDRESRG (8)	RESUME REGISTERS FOR A 0562 WAKEUP CALL AFTER THE 0562 COMPLETION OF THE 0562 SECURITY SUBTASK 0562
1080	(438)	ADDRESS	4	NRDSECA	POINTER TO THE SEC
1084	(43C)	SIGNED	2	NRDRECLN	RECORD LENGTH
1086	(43E)	SIGNED	2	NRDDSHLN	D.S.H. LENGTH SAVE AREA
1088	(440)	SIGNED	2	NRDRSNCD	REASON CODE
1090	(442)	SIGNED	2	NRDSPNDX	Spool index to update 0028 TAT FDB 0028
1092	(444)	CHARACTER	8	NRDTUSID	Remote TSO userid
1100	(44C)	CHARACTER	8	NRDBLINE	LINE NAME
1108	(454)	CHARACTER	8	NRDPOE	POINT OF ENTRY 0586
1116	(45C)	BITSTRING	1	NRDPRTIC	PRIORITY SAVE (NJTGIOPR)
1117	(45D)	BITSTRING	1	NRDPRTID	PRIORITY SAVE (NJTGAOPR)
1118	(45E)	BITSTRING	1	NRDSSMSK	ECF MASK USED BY THE 0562 SECURITY SUBTASK (IATGRSS) 0562 TO POST NRDSSECF UPON ITS 0562 COMPLETION 0562
1119	(45F)	BITSTRING	1	NRDRESV7	RESERVED FOR SERVICE 0562
1120	(460)	SIGNED	2	(0)	
1120	(460)	BITSTRING	1	NRDRECWK (44)	- RECORD WORK AREA
1420	(58C)	BITSTRING	1	NRDRTYPE	JOB/SYSOUT RECORD TYPE
1420	(58C)	X'2'	0	NRDINDLN	"2" INDEX LENGTH
		.1..		NRDSCB40	"X'40'" SCB 40 ABORT XMITTER
1421	(58D)	BITSTRING	1	NRDRCBSV	RCB SAVE AREA
1422	(58E)	BITSTRING	1	NRDSDMFG	SDM INTERFACE FLAG AREA

Comment

SPOOL DATA MANAGEMENT FLAG

End of Comment

		1...		NRDSDMSP	"X'80'" SDM SPAN DATA
		.1..		NRDSDMFS	"X'40'" SDM SPAN DATA: FIRST SEGMENT OF A DATASET HEADER
		..1.		NRDSFSTS	"X'20'" SDM SPAN DATA: FIRST SEGMENT OF A SYSOUT RECORD
		...1		NRDSNTHS	"X'10'" SDM SPAN DATA: NTH SEGMENT OF A SYSOUT RECORD
1423	(58F)	BITSTRING	1	NRDFLAG1	RECEIVER CONTROL FLAGS 0562

Comment

SETTINGS FOR NRDFLAG1

End of Comment

		1...		NRDSNARC	"X'80'" - SNA/NJE DATA RECEIVED
		.1..		NRDJBRCV	"X'40'" - JOB RECORD RECEIVED
		..1.		NRDOPRCV	"X'20'" - SYSOUT RECORD RECEIVED
		...1		NRDJBEOF	"X'10'" - JOB RECORD EOF
		.... 1...		NRDOPEOF	"X'08'" - SYSOUT RECORD EOF
		.... .1..		NRDWAKUP	"X'04'" WAKEUP CALL TO NTJS AFTER 0562 COMPLETION OF SECURITY 0562 SUBTASK 0562

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... ..1.		NRDTCPRC	"X'02'" TCP/NJE data received
		1		NRDBSCRC	"X'01'" BSC/NJE data received
1424	(590)	BITSTRING	1	NRDFLAG2	Receiver control flag 2
		Comment			

		Settings for NRDFLAG2			

		End of Comment			
		1...		NRDNJHIN	"X'80'" - NTJS called to initialize NJH related fields in NRD (TCP/IP related flag)
		.1..		NRDNJHNO	"X'40'" - NJH related fields in NRD already initialized (TCP/IP related flag)
		..1.		NRDFL220	"X'20'" Reserved for IBM
		...1		NRDFL210	"X'10'" Reserved for IBM
		.... 1...		NRDFL208	"X'08'" Reserved for IBM
		.... .1..		NRDFL204	"X'04'" Reserved for IBM
		.... ..1.		NRDFL202	"X'02'" Reserved for IBM
		1		NRDFL201	"X'01'" Reserved for IBM
		Comment			
		0			
		EQUATES 0			
		0			
		--- 0			
		DM533 REASON CODES 0			
		--- 0			
		End of Comment			
1424	(590)	X'0'	0	NRDSSNON	"0" NO WORK ELEMENTS ON THE 0562 WORK COMPLETE QUEUE 0562
1424	(590)	X'4'	0	NRDSSLOT	"4" MORE THAN ONE ELEMENT ON 0562 THE WORK COMPLETE QUEUE 0562
		Comment			

		RETURN CODES FROM IATNTJS			

		End of Comment			
1424	(590)	X'0'	0	RTNCOD00	"0" NORMAL RETURN
1424	(590)	X'4'	0	RTNCOD04	"4" EOF RECORD RECEIVED
1424	(590)	X'8'	0	RTNCOD08	"8" PROBLEM PROCESSING STREAM SEE REASON CODE DESCRIPTION
1424	(590)	X'C'	0	RTNCOD12	"12" NO JOB NUMBERS LEFT
1424	(590)	X'10'	0	RTNCOD16	"16" JCT ADD FAILURE (JOB STREAM)
1424	(590)	X'14'	0	RTNCOD20	"20" JCT ADD FAILURE (SYSOUT STREAM)
1424	(590)	X'18'	0	RTNCOD24	"24" TRANSMISSION CANCELLED (JOB STREAM)
1424	(590)	X'1C'	0	RTNCOD28	"28" TRANSMISSION CANCELLED (SYSOUT STREAM)
1424	(590)	X'20'	0	RTNCOD32	"32" RESERVED FOR DEVELOPMENT
1424	(590)	X'24'	0	RTNCOD36	"36" QUIESCE UNTIL SECURITY SUBTASK COMPLETES
		Comment			

		NJE MESSAGES			

		End of Comment			
1426	(592)	SIGNED	2	NRDMSGRT (0)	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				MESSAGE MF=L $T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0	
				End of Comment	
1428	(594)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
1428	(594)	ADDRESS	4	NRDUTMSG	Text Address
1432	(598)	BITSTRING	2		Destination Disp and Mask
1434	(59A)	BITSTRING	1		ACTION flag
1435	(59B)	ADDRESS	1		Options Flag
1436	(59C)	BITSTRING	2		Descriptor Codes
1438	(59E)	SIGNED	2		Reserved 2 Bytes
1440	(5A0)	BITSTRING	17		Routing Codes
1457	(5B1)	BITSTRING	1	(3)	Reserved
1460	(5B4)	BITSTRING	1	(8)	Jobid
1468	(5BC)	BITSTRING	1	(8)	Jobname
1476	(5C4)	BITSTRING	1	(8)	Key
1484	(5CC)	ADDRESS	4		CNDB Address 1
1488	(5D0)	ADDRESS	4		CNDB Address 2
1492	(5D4)	ADDRESS	4		CNDB Address 3
1496	(5D8)	ADDRESS	4		CNDB Address 4
1500	(5DC)	ADDRESS	4		CNDB Address 5
1504	(5E0)	ADDRESS	4		MLWO Address
1508	(5E4)	CHARACTER	80	NRDJBTXT	
				Comment	
				5 LINES DELETED BY PCQ0682 0 --- MSGIAT9122 AND MSGIAT9145 REASON CODES THE FOLLOWING REASON CODES WILL BE IN THE MESSAGE TEXT OF IAT9122 AND IAT9145. THE REASON CODES DESCRIBED BELOW WILL BE GENERATED WHEN AN ERROR PROCESSING A STREAM OCCURS IN IATNTJS, IATNTNR, OR IATNTDR. THE FOLLOWING IS A BREAKDOWN OF THE RANGES OF THE CODES CORRESPONDING TO AN ERROR IN A PARTICULAR AREA. ALL REASON CODES OCCUR IN INCREMENTS OF 4. 004-040 PROBLEM PROCESSING THE RCB. IN THIS CASE THE STREAM WILL BE CANCELLED AND THE LINE WILL BE TERMINATED. 044-400 PROBLEM PROCESSING STREAM IN IATNTJS. THE STREAM WILL BE CANCELLED. 404-500 PROBLEM PROCESSING STREAM IN IATNTNR. THE STREAM WILL BE DELETED. 504-600 PROBLEM PROCESSING STREAM IN IATNTDR. THE STREAM WILL BE CANCELLED. ---	
				End of Comment	
1508	(5E4)	X'4'	0	RSNCD004	"4" WHILE BREAKING A RECORD OUT OF THE TRANSMISSION BUFFER, MIXED RECORD CONTROL BYTES (RCB) WERE DETECTED.
1508	(5E4)	X'8'	0	RSNCD008	"8" AN ERROR WAS DETECTED WHILE VALIDATING THE NEXT RECORD WITHIN THE TRANSMISSION BUFFER. THE RECORD CONTROL BYTE (RCB) OF THE NEXT RECORD DID NOT CONTAIN A VALID STREAM IDENTIFIER (1 - 7).
1508	(5E4)	X'C'	0	RSNCD012	"12" AN ERROR WAS DETECTED WHILE VALIDATING THE NEXT RECORD WITHIN THE TRANSMISSION BUFFER. MODULE IATNTJS WAS INVOKED TO PROCESS A TRANSMISSION BUFFER FROM A SYSOUT STREAM AND THE NEXT RECORD IN THE TRANSMISSION BUFFER WAS NOT FROM A SYSOUT STREAM.

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1508	(5E4)	X'10'	0	RSNCD016	"16" AN ERROR WAS DETECTED WHILE VALIDATING THE NEXT RECORD WITHIN THE TRANSMISSION BUFFER. MODULE IATNTJS WAS INVOKED TO PROCESS A TRANSMISSION BUFFER FROM A JOB STREAM AND THE NEXT RECORD IN THE TRANSMISSION BUFFER WAS NOT FROM A JOB STREAM.
1508	(5E4)	X'2C'	0	RSNCD044	"44" WHILE PROCESSING A JOB STREAM, A JOB HEADER WAS EXPECTED. A RECORD OTHER THAN THE JOB HEADER WAS RECEIVED PRIOR TO RECEIVING A JOB HEADER RECORD.
1508	(5E4)	X'30'	0	RSNCD048	"48" WHILE PROCESSING THE JOB STREAM, A JOB HEADER SEGMENT WAS EXPECTED. A RECORD OTHER THAN A JOB HEADER SEGMENT WAS RECEIVED PRIOR TO RECEIVING THE ENTIRE JOB HEADER.
				Comment	
				SPACE 1	
				End of Comment	
1508	(5E4)	X'34'	0	RSNCD052	"52" WHILE PROCESSING A JOB STREAM FROM A SNA NODE, A RECORD WAS RECEIVED AFTER THE JOB TRAILER THAT WAS NOT VALID. THE ONLY VALID RECORD AFTER THE JOB TRAILER IS AN END OF FILE (EOF).
				Comment	
				SPACE 1	
				End of Comment	
1508	(5E4)	X'38'	0	RSNCD056	"56" WHILE PROCESSING A JOB STREAM FROM A BSC NODE, A RECORD WAS RECEIVED AFTER THE JOB TRAILER THAT WAS NOT VALID. THE ONLY VALID RECORD AFTER THE JOB TRAILER IS AN END OF FILE (EOF).
1508	(5E4)	X'3C'	0	RSNCD060	"60" A SUBSEQUENT JOB HEADER RECORD WAS RECEIVED AFTER A DATA RECORD HAD BEEN RECEIVED.
1508	(5E4)	X'40'	0	RSNCD064	"64" A RECORD WAS REMOVED FROM THE TRANSMISSION BUFFER of a job stream. THE LENGTH OF THE RECORD IS ZERO.
1508	(5E4)	X'44'	0	RSNCD068	"68" A JOB HEADER SEGMENT WAS RECEIVED FOR A JOB STREAM. WHILE REBUILDING THE JOB HEADER, THE LENGTH OF THE JOB HEADER EXCEEDED THE MAXIMUM SIZE ALLOWED.
1508	(5E4)	X'48'	0	RSNCD072	"72" A RECORD WAS RECEIVED THAT CONTAINED A ZERO LENGTH JOB HEADER SEGMENT.
1508	(5E4)	X'4C'	0	RSNCD076	"76" THE JOB STREAM CONTAINS A ZERO LENGTH JOB TRAILER RECORD.
1508	(5E4)	X'50'	0	RSNCD080	"80" A JOB TRAILER SEGMENT WAS RECEIVED FOR A JOB STREAM. WHILE REBUILDING THE JOB TRAILER, THE LENGTH OF THE JOB TRAILER EXCEEDED THE MAXIMUM SIZE ALLOWED.
1508	(5E4)	X'54'	0	RSNCD084	"84" THE FIRST SEGMENT OF A JOB TRAILER HAS BEEN RECEIVED. AN ADDITIONAL RECORD WAS FOUND IN A JOB TRAILER BUFFER WHILE PROCESSING A JOB STREAM FROM A SNA NODE. THE ADDITIONAL RECORD WAS NOT A JOB HEADER, JOB TRAILER, OR AN END OF FILE RECORD.

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1508	(5E4)	X'58'	0	RSNCD088	"88" THE FIRST SEGMENT OF A JOB TRAILER HAS BEEN RECEIVED. AN ADDITIONAL RECORD WAS FOUND IN A JOB TRAILER BUFFER WHILE PROCESSING A JOB STREAM FROM A BSC NODE. THE ADDITIONAL RECORD WAS NOT A JOB HEADER, JOB TRAILER, OR AN END OF FILE RECORD.
1508	(5E4)	X'5C'	0	RSNCD092	"92" THE FIRST SEGMENTS OF THE JOB HEADER AND THE JOB TRAILER HAVE NOT BEEN RECEIVED. AN ADDITIONAL RECORD WAS FOUND IN A JOB HEADER OR JOB TRAILER BUFFER WHILE PROCESSING A JOB STREAM. THE ADDITIONAL RECORD WAS NOT A JOB HEADER OR A JOB TRAILER RECORD.
1508	(5E4)	X'60'	0	RSNCD096	"96" THE FIRST SEGMENT OF THE JOB TRAILER HAS NOT BEEN RECEIVED. AN ADDITIONAL RECORD WAS FOUND IN A JOB HEADER OR JOB TRAILER BUFFER WHILE PROCESSING A JOB STREAM. THE ADDITIONAL RECORD WAS NOT A JOB HEADER, JOB TRAILER, OR A DATA RECORD. THE FIRST SEGMENT OF THE JOB HEADER HAS BEEN RECEIVED.
1508	(5E4)	X'64'	0	RSNCD100	"100" WHILE PROCESSING A SYSOUT STREAM, A JOB HEADER WAS EXPECTED. A RECORD OTHER THAN THE JOB HEADER WAS RECEIVED PRIOR TO RECEIVING A JOB HEADER RECORD.
1508	(5E4)	X'68'	0	RSNCD104	"104" WHILE PROCESSING A SYSOUT STREAM, A JOB HEADER SEGMENT WAS EXPECTED. A RECORD OTHER THAN A JOB HEADER SEGMENT WAS RECEIVED PRIOR TO RECEIVING THE ENTIRE JOB HEADER.
1508	(5E4)	X'6C'	0	RSNCD108	"108" WHILE PROCESSING A SYSOUT STREAM FROM A SNA NODE, A RECORD WAS RECEIVED AFTER THE JOB TRAILER THAT WAS NOT VALID. THE ONLY VALID RECORD AFTER A JOB TRAILER IS AN END OF FILE (EOF).
1508	(5E4)	X'70'	0	RSNCD112	"112" WHILE PROCESSING A SYSOUT STREAM FROM A BSC NODE, A RECORD WAS RECEIVED AFTER THE JOB TRAILER THAT WAS NOT VALID. THE ONLY VALID RECORD AFTER A JOB TRAILER IS AN END OF FILE (EOF).
1508	(5E4)	X'74'	0	RSNCD116	"116" WHILE PROCESSING A SYSOUT STREAM, A DATA RECORD WAS RECEIVED PRIOR TO RECEIVING A DATA SET HEADER.
1508	(5E4)	X'78'	0	RSNCD120	"120" WHILE PROCESSING A SYSOUT STREAM, A DATA RECORD'S CARRIAGE CONTROL TYPE WAS NOT RECOGNIZED FROM THE SUBRECORD CONTROL BYTE (SRCB).
1508	(5E4)	X'7C'	0	RSNCD124	"124" WHILE PROCESSING A SYSOUT STREAM, A DATA RECORD'S SPANNED RECORD INDICATION WAS NOT RECOGNIZED FROM THE SUBRECORD CONTROL BYTE (SRCB).
1508	(5E4)	X'80'	0	RSNCD128	"128" WHILE PROCESSING A SYSOUT STREAM, A DATA RECORD'S SPANNED RECORD INDICATION WAS NOT RECOGNIZED FROM THE SUBRECORD CONTROL BYTE (SRCB) AFTER THE RECORD HAS BEEN EXTRACTED FROM THE NJE TRANSMISSION BUFFER
1508	(5E4)	X'84'	0	RSNCD132	"132" WHILE PROCESSING A SYSOUT STREAM, A DATA RECORD'S LENGTH EXCEEDED THE MAXIMUM ALLOWED FOR A SPOOL DATA MANAGEMENT SPANNED RECORD.

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1508	(5E4)	X'88'	0	RSNCD136	"136" WHILE PROCESSING A SYSOUT STREAM, A NETWORK SPANNED DATA RECORD'S LENGTH EXCEEDED THE MAXIMUM LOGICAL RECORD LENGTH DEFINED FOR THIS DATA SET. THE MAXIMUM LOGICAL RECORD LENGTH IS INDICATED IN THE FIELD NDHGLREC OF THE ASSOCIATED DATA SET HEADER.
1508	(5E4)	X'8C'	0	RSNCD140	"140" WHILE PROCESSING A SYSOUT STREAM DATA RECORD, A "FIRST" SEGMENT OF A SPANNED DATA RECORD WAS RECEIVED WHEN AN OUTSTANDING "FIRST" SEGMENT HAD ALREADY BEEN RECEIVED.
1508	(5E4)	X'90'	0	RSNCD144	"144" WHILE RECONSTRUCTING A SYSOUT STREAM NETWORK SPANNED DATA RECORD, A SEGMENT WAS DETECTED WHEN NO OUTSTANDING "FIRST" SEGMENT WAS RECEIVED.
1508	(5E4)	X'94'	0	RSNCD148	"148" WHILE PROCESSING A SYSOUT STREAM NETWORK SPANNED DATA RECORD, A PROBLEM WAS DETECTED WITH A WORK AREA.
1508	(5E4)	X'98'	0	RSNCD152	"152" WHILE PROCESSING A SYSOUT STREAM NON-SPANNED DATA RECORD, A "FIRST" SEGMENT OF A SPANNED DATA RECORD WAS DETECTED.
1508	(5E4)	X'9C'	0	RSNCD156	"156" WHILE PROCESSING A SYSOUT STREAM, A JOB HEADER RECORD WAS DETECTED AFTER RECEIVING DATA OR DATA SET HEADER RECORDS.
1508	(5E4)	X'A0'	0	RSNCD160	"160" WHILE PROCESSING A SYSOUT STREAM JOB HEADER RECORD, A ZERO LENGTH RECORD WAS DETECTED.
1508	(5E4)	X'A4'	0	RSNCD164	"164" A JOB HEADER SEGMENT WAS RECEIVED FOR A SYSOUT STREAM. WHILE REBUILDING THE JOB HEADER, THE LENGTH OF THE JOB HEADER EXCEEDED THE MAXIMUM SIZE ALLOWED.
1508	(5E4)	X'A8'	0	RSNCD168	"168" WHILE RECONSTRUCTING A SYSOUT STREAM JOB HEADER, A SEGMENT WITH A ZERO LENGTH WAS DETECTED.
1508	(5E4)	X'AC'	0	RSNCD172	"172" WHILE PROCESSING A JOB TRAILER BUFFER, A ZERO LENGTH JOB TRAILER RECORD WAS DETECTED.
1508	(5E4)	X'B0'	0	RSNCD176	"176" A JOB TRAILER SEGMENT WAS RECEIVED FOR A SYSOUT STREAM. WHILE REBUILDING THE JOB TRAILER, THE LENGTH OF THE JOB TRAILER EXCEEDED THE MAXIMUM SIZE ALLOWED.
1508	(5E4)	X'B4'	0	RSNCD180	"180" WHILE PROCESSING A DATA SET HEADER BUFFER,A ZERO LENGTH DATA SET HEADER RECORD WAS DETECTED.
1508	(5E4)	X'B8'	0	RSNCD184	"184" WHILE RECONSTRUCTING A SYSOUT STREAM DATA SET HEADER, A ZERO LENGTH SEGMENT WAS DETECTED.
1508	(5E4)	X'BC'	0	RSNCD188	"188" A DATA SET HEADER SEGMENT WAS RECEIVED FOR A SYSOUT STREAM. WHILE REBUILDING THE DATA SET HEADER, THE LENGTH OF THE DATA SET HEADER EXCEEDED THE MAXIMUM SIZE ALLOWED.
1508	(5E4)	X'C0'	0	RSNCD192	"192" THE FIRST SEGMENT OF A JOB TRAILER HAS ALREADY BEEN RECEIVED. AN ADDITIONAL RECORD WAS FOUND IN A JOB HEADER, DATA SET HEADER, OR JOB TRAILER BUFFER WHILE PROCESSING A SYSOUT STREAM FROM A SNA NODE. THE ADDITIONAL RECORD WAS NOT A JOB HEADER, DATA SET HEADER, JOB TRAILER, OR AN END OF FILE RECORD.

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1508	(5E4)	X'C4'	0	RSNCD196	"196" THE FIRST SEGMENT OF A JOB TRAILER HAS ALREADY BEEN RECEIVED. AN ADDITIONAL RECORD WAS FOUND IN A JOB HEADER, DATA SET HEADER, OR JOB TRAILER BUFFER WHILE PROCESSING A SYSOUT STREAM FROM A BSC NODE. THE ADDITIONAL RECORD WAS NOT A JOB HEADER, DATA SET HEADER, JOB TRAILER, OR AN END OF FILE RECORD.
1508	(5E4)	X'C8'	0	RSNCD200	"200" THE FIRST SEGMENT OF THE JOB HEADER HAS NOT BEEN RECEIVED. AN ADDITIONAL RECORD WAS FOUND IN A JOB HEADER, DATA SET HEADER, OR JOB TRAILER BUFFER WHILE PROCESSING A SYSOUT STREAM. THE ADDITIONAL RECORD WAS NOT A JOB HEADER, DATA SET HEADER, OR JOB TRAILER RECORD.
1508	(5E4)	X'CC'	0	RSNCD204	"204" THE FIRST SEGMENT OF THE JOB HEADER HAS BEEN RECEIVED. AN ADDITIONAL RECORD WAS FOUND IN A JOB HEADER, DATA SET HEADER, OR JOB TRAILER BUFFER WHILE PROCESSING A SYSOUT STREAM. THE ADDITIONAL RECORD WAS NOT A JOB HEADER, DATA SET HEADER, OR JOB TRAILER RECORD. A DATA SET HEADER WAS CURRENTLY BEING CONSTRUCTED.
1508	(5E4)	X'D0'	0	RSNCD208	"208" AN INCORRECT SPECIFICATION OF THE JOB HEADER PASSWORD ENCRYPTION BITS WAS DETECTED.
1508	(5E4)	X'D4'	0	RSNCD212	"212" THE LENGTH OF A JOB HEADER SECTION IS NOT POSITIVE.
1508	(5E4)	X'D8'	0	RSNCD216	"216" THE TOTAL LENGTH OF ALL OF THE JOB HEADER SECTIONS IS NOT EQUAL TO THE LENGTH OF THE ENTIRE JOB HEADER MINUS THE JOB HEADER PREFIX.
1508	(5E4)	X'DC'	0	RSNCD220	"220" THE LENGTH OF A DATA SET HEADER SECTION IS NOT POSITIVE.
1508	(5E4)	X'E0'	0	RSNCD224	"224" THE TOTAL LENGTH OF ALL OF THE DATA SET HEADER SECTIONS IS NOT EQUAL TO THE LENGTH OF THE ENTIRE DATA SET HEADER MINUS THE DATA SET HEADER PREFIX.
1508	(5E4)	X'E4'	0	RSNCD228	"228" A STREAM WAS EITHER REJECTED BY THE SECURITY PRODUCT OR AN ERROR OCCURRED DURING THE PROCESSING OF THE SECURITY REQUEST.
1508	(5E4)	X'E8'	0	RSNCD232	"232" AN ERROR WAS DETECTED WHILE DECOMPRESSING A BSC RECORD FROM THE TRANSMISSION BUFFER.
1508	(5E4)	X'EC'	0	RSNCD236	"236" AN ERROR WAS DETECTED WHILE VALIDATING THE NEXT RECORD WITHIN THE TRANSMISSION BUFFER. THE NEXT RECORD WAS BEYOND THE END OF THE TRANSMISSION BUFFER.
1508	(5E4)	X'F0'	0	RSNCD240	"240" WHILE PROCESSING A SYSOUT STREAM RECORD, A "FIRST" SEGMENT OF A SDM SPANNED RECORD WAS RECEIVED WHEN AN OUTSTANDING "FIRST" SEGMENT OF A SDM SPANNED RECORD HAS ALREADY BEEN RECEIVED.
1508	(5E4)	X'F4'	0	RSNCD244	"244" WHILE PROCESSING A SYSOUT STREAM RECORD, A "FIRST" SEGMENT OF A SDM SPANNED RECORD WAS RECEIVED WHEN AN OUTSTANDING "FIRST" SEGMENT OF A SPANNED RECORD HAS ALREADY BEEN RECEIVED.
1508	(5E4)	X'F8'	0	RSNCD248	"248" WHILE PROCESSING A SYSOUT STREAM RECORD, AN "NTH" SEGMENT OF A SDM SPANNED RECORD WAS RECEIVED WHEN NO "FIRST" SEGMENT WAS RECEIVED.

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1508	(5E4)	X'FC'	0	RSNCD252	"252" WHILE PROCESSING A SYSOUT STREAM RECORD, A "LAST" SEGMENT OF A SDM SPANNED RECORD WAS RECEIVED WHEN NO "FIRST" AND/OR "NTH" SEGMENT WAS RECEIVED.
1508	(5E4)	X'100'	0	RSNCD256	"256" WHILE PROCESSING A SYSOUT SPANNED RECORD, A "FIRST" SEGMENT OF A SPANNED RECORD WAS DETECTED WHEN AN OUTSTANDING "FIRST" SEGMENT OF A SDM SPANNED RECORD HAS BEEN RECEIVED.
1508	(5E4)	X'104'	0	RSNCD260	"260" WHILE PROCESSING A SYSOUT NON-SPANNED RECORD, AN OUTSTANDING "FIRST" SEGMENT OF A SDM SPANNED RECORD WAS DETECTED.
1508	(5E4)	X'108'	0	RSNCD264	"264" A JOB TRAILER HAS BEEN RECEIVED AND THE PRIOR SYSOUT STREAM CONTAINED A SDM SPANNED RECORD AND THE "LAST" SEGMENT OF THE SDM SPANNED RECORD HAS NOT BEEN RECEIVED.
1508	(5E4)	X'10C'	0	RSNCD268	"268" A JOB TRAILER HAS BEEN RECEIVED AND THE PRIOR SYSOUT STREAM CONTAINED A SPANNED RECORD AND THE LAST SEGMENT OF THE SPANNED RECORD HAS NOT BEEN RECEIVED
1508	(5E4)	X'110'	0	RSNCD272	"272" A DATASET HEADER HAS BEEN RECEIVED AND THE PRIOR SYSOUT STREAM CONTAINED A SDM SPANNED RECORD AND THE "LAST" SEGMENT OF THE SDM SPANNED RECORD HAS NOT BEEN RECEIVED.
1508	(5E4)	X'114'	0	RSNCD276	"276" A DATASET HEADER HAS BEEN RECEIVED AND THE PRIOR SYSOUT STREAM CONTAINED A SPANNED RECORD AND THE LAST SEGMENT OF THE SPANNED RECORD HAS NOT BEEN RECEIVED
1508	(5E4)	X'118'	0	RSNCD280	"280" While processing a SYSOUT stream record, the length of the record exceeded the logical record length.
1508	(5E4)	X'11C'	0	RSNCD284	"284" An error was detected while processing the SDM spanned record using temp. storage
1508	(5E4)	X'120'	0	RSNCD288	"288" While processing a SYSOUT stream, the segments of a spanned record exceeded the spanned record length contained in the first segment
1508	(5E4)	X'194'	0	RSNCD404	"404" THE END OF FILE RECORD WAS PASSED TO THE COMMON RECEIVER IN THE LAST TRANSMISSION BUFFER, BUT THE COMMON RECEIVER DID NOT DETECT THE END OF FILE RECORD.
1508	(5E4)	X'198'	0	RSNCD408	"408" THE END OF FILE RECORD WAS NOT PASSED TO THE COMMON RECEIVER IN THE LAST TRANSMISSION BUFFER, BUT THE COMMON RECEIVER DETECTED AN END OF FILE RECORD.
1508	(5E4)	X'19C'	0	RSNCD412	"412" WHILE PROCESSING A JOB STREAM, THE COMMON RECEIVER HAS DETECTED A TRANSMITTER ABORT RECORD WITHIN THE TRANSMISSION BUFFER.
1508	(5E4)	X'1A0'	0	RSNCD416	"416" WHILE PROCESSING A SYSOUT STREAM, THE COMMON RECEIVER HAS DETECTED A TRANSMITTER ABORT RECORD WITHIN THE TRANSMISSION BUFFER.
1508	(5E4)	X'1A8'	0	RSNCD424	"424" THE RECORDS WITHIN THE STREAM ARE NOT IN THE PROPER ORDER. EITHER A JOB HEADER RECORD WAS EXPECTED AND NOT FOUND, A JOB TRAILER RECORD WAS EXPECTED AND NOT FOUND, OR AN END OF FILE RECORD WAS EXPECTED AND NOT FOUND.
1508	(5E4)	X'1F8'	0	RSNCD504	"504" A TRANSMITTER ABORT OR AN END OF FILE RECORD WAS RECEIVED FOR A JOB STREAM THAT IS NOT ACTIVE.

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1508	(5E4)	X'1FC'	0	RSNCD508	"508" A TRANSMITTER ABORT OR AN END OF FILE RECORD WAS RECEIVED FOR A SYSOUT STREAM THAT IS NOT ACTIVE.
1508	(5E4)	X'200'	0	RSNCD512	"512" A DECOMPRESSION ERROR OCCURRED WHILE PROCESSING A NODAL MESSAGE RECORD (NMR).
1508	(5E4)	X'3E7'	0	RSNCD999	"999" UNKNOWN ERROR (THE REASON CODE RETURNED BY THE COMMON RECEIVER WAS NOT RECOGNIZED).
1508	(5E4)	X'200'	0	REASNMAX	"RSNCD512" MAXIMUM DEFINED REASON CODE
1508	(5E4)	X'28'	0	RCBERMAX	"40" MAXIMUM REASON CODE FOR A PROBLEM WITH THE RCB (WILL CAUSE LINE TO TERMINATE).

Comment

PARAMETER LIST FOR BSC DATA DECOMPRESSION ROUTINE
NETWORKING DECOMPRESSION FORMATTING MACRO
CHANGE ACTIVITY
$L0=NPRPQ HJS2226 800410 PD0RS: SP R2

End of Comment

1588	(634)	SIGNED	4	DPRSSPRM (0)	
1588	(634)	SIGNED	4	DPRSSSAV (16)	- SAVE AREA FOR CALLERS REGISTERS
1652	(674)	SIGNED	4	DPRSSRCD	- PTR TO RCB OF COMPRESSED RECORD
1656	(678)	SIGNED	4	DPRSSBFR	- PTR TO DECOMPRESSION WORK AREA
1660	(67C)	SIGNED	4	DPRSSNXT	- PTR TO NEXT RCB IN COMPRESSED RCD
1664	(680)	SIGNED	2	DPRSSLEN	- LENGTH OF DECOMPRESSED RECORD
1666	(682)	SIGNED	2	DPRSSMAX	- LENGTH OF DECOMPRESSION WORK AREA
1668	(684)	SIGNED	4	DPRSSEND (0)	- END OF DECOMPRESSION PARAMETER LIST
1668	(684)	BITSTRING	1	DPRSSSIZ (0)	- L'DPRSSSIZ = SIZE OF PARM LIST

Comment

SPACE RESERVED FOR THE SECURITY CHECK CONTROL
BLOCK

End of Comment

1668	(684)	BITSTRING	1	NRDSEC	SPACE RESERVED FOR SEC

Comment

---------- 0
SPACE RESERVED FOR THE SMF 49 RECORD. 0
0
NOTE: THIS SPACE IS NOT USED FOR ANYTHING. IT IS 0
HERE SO THAT THE IATYSSWE MACRO CAN EXPAND 0
WITHOUT ERROR (IATYSSWE REFERENCES THE SIZE 0
OF THE SMF 49 RECORD). 0
---------- 0

End of Comment

3660	(E4C)	SIGNED	4	NRDSMF49 (0)	0562

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
Comment					
%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 IFASMFRA 85-103 IFASMFRB 104-113 IFASMFRC 114-123 IFASMFRD 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). %IAZPRO49: ; MODULE NAME = IAZSMF49 DESCRIPTIVE NAME = JES SMF SUBSYSTEM INTEGRITY RECORD %GOTO IAZ49; SWITCH TO DETERMINE WHETHER TO GENERATE EQUATES FOR WRITING REC SUBSYSTEM INTEGRITY RECORD TYPE 49					
End of Comment					
3660	(E4C)	SIGNED	4	(0)	ALIGN TO FULL WORD BOUNDRY
3660	(E4C)	X'E4C'	0	SMFRCD49	"*" START OF RECORD
3660	(E4C)	X'E4C'	0	SMF49PTR	"*" HEADER SEGMENT
3660	(E4C)	BITSTRING	2	SMF49LEN	RECORD LENGTH
3662	(E4E)	BITSTRING	2	SMF49SEG	SEGMENT DESCRIPTOR
3664	(E50)	BITSTRING	1	SMF49FLG	HEADER FLAG BYTE
3665	(E51)	BITSTRING	1	SMF49RTY	RECORD TYPE 49
3665	(E51)	X'31'	0	SMFJ49	"49" INTEGRITY EVENT RECORD TYPE
3666	(E52)	BITSTRING	4	SMF49TME	TOD FROM TIME MACRO BINARY
3670	(E56)		4	SMF49DTE	DATE FROM TIME MACRO
3674	(E5A)	CHARACTER	4	SMF49SID	SYSTEM IDENTIFICATION
Comment					
SUBSYSTEM IDENTIFICATION SECTION					
End of Comment					
3678	(E5E)	BITSTRING	2	SMF49SBS	SUBSYSTEM IDENTIFIER X'0002' JES2 X'0005' JES3 X'0006' SS06
3680	(E60)	BITSTRING	2	SMF49RSV	RESV
3682	(E62)	BITSTRING	2	SMF49LRR	LGTH OF REMAINED OF RECORD (NOT INCLUDING THIS FIELD)
3682	(E62)	X'E64'	0	SMF49SBG	"*" SUBSYSTEM SECTION BEGINNING

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
JES2 AND JES3 SECTION					
				End of Comment	
3684	(E64)	BITSTRING	2	SMF49EVT	EVENT STARTING
				Comment	
FOLLOWING BIT DEFINITIONS APPLY TO JES2					
				End of Comment	
3684	(E64)	X'1'	0	SMF49SON	"1" SIGNON
3684	(E64)	X'2'	0	SMF49STL	"2" START LINE
				Comment	
FOLLOWING BIT DEFINITIONS APPLY TO JES3					
				End of Comment	
3684	(E64)	X'1'	0	SMF49NER	"1" TERMINAL NOT DEFINED (BSC)
3684	(E64)	X'2'	0	SMF49PER	"2" SECURITY FAILURE (BSC)
3684	(E64)	X'4'	0	SMF49LER	"4" LINE ALREADY SIGNED ON (BSC)
3684	(E64)	X'8'	0	SMF49TER	"8" TERMINAL ALREADY SIGNED ON (BSC)
3684	(E64)	X'5'	0	SMF49LIM	"5" SESSION LIMIT EXCEEDED (SNA)
3684	(E64)	X'6'	0	SMF49DEF	"6" WORK STATION UNDEFINED (SNA)
3684	(E64)	X'7'	0	SMF49SPW	"7" SECURITY FAILURE (SNA)
3684	(E64)	X'8'	0	SMF49BND	"8" BIND FAILURE (SNA)
				Comment	
BEGINNING OF GENERAL SECTION					
				End of Comment	
3686	(E66)	BITSTRING	2	SMF49LN1	LGTH OF THIS SECTION(INCLUDING SELF-26)
3688	(E68)	CHARACTER	8	SMF49RMT	REMOTE NAME
3696	(E70)	CHARACTER	8	SMF49LIN	LINE NAME
3704	(E78)	CHARACTER	8	SMF49PSW	PASSWORD USED(INVALID)
				Comment	
BEGINNING OF SIGNON MESSAGE SECTION THIS SECTION EXISTS ONLY FOR SIGNON EVENT STARTS					
				End of Comment	
3712	(E80)	BITSTRING	2	SMF49LN2	LGTH OF THIS SECTION(INCLUDING SELF-38)
3714	(E82)	CHARACTER	36	SMF49MSG	MESSAGE FOR SIGNON, COLUMNS 35-70 OF SIGNON CARD.
3750	(EA6)	BITSTRING	1	SMF49END (0)	END OF JES3 RECORD
3750	(EA6)	BITSTRING	0	SMF49SIZ (0)	SIZE OF JES3 49 RECORD
				Comment	
SS06 SECTION					
				End of Comment	
3684	(E64)	BITSTRING	3	SMF49VID	VIOLATOR IDENTIFICATION
3687	(E67)	BITSTRING	3	SMF49LNA	LIBRARY NUMBER OR ACCESSED LIBRARY
3690	(E6A)	BITSTRING	2	SMF49RV1	RESERVED
3692	(E6C)	CHARACTER	12	SMF49FLN	FILENAME OF FILE ATTEMPTED
3704	(E78)	BITSTRING	3	SMF49UFO	USERNUMBER OF FILE OWNER

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0			
		STCKCONV Data Area 0			
		0			
		MACDATE 05/30/98			
		End of Comment			
3752	(EA8)	SIGNED	4	NRDLSTD (0)	
3752	(EA8)	BITSTRING	28		
3784	(EC8)	DBL WORD	8	(0)	Set Boundary 0004
3784	(EC8)	DBL WORD	8	NRDSTCK	Input to STCKCONV (TOD) 0004
3792	(ED0)	SIGNED	4	NRDTDCLK (4)	Output of STCKCONV 0004
3792	(ED0)	SIGNED	4	NRDTIME	Converted time in 0.01 SECS 0004
3796	(ED4)	SIGNED	4		STCKCONV Work Area 0004
3800	(ED8)	SIGNED	4	NRDDATE	Converted Date in 0YYYYDDD 0004
3804	(EDC)	SIGNED	4		STCKCONV Work Area 0004
		Comment			
		0			
		Declares for CENTURY Conversion Packed Decimal Arithmetic 0			
		0			
		End of Comment			
3808	(EE0)	SIGNED	4	(0)	Set Boundary 0004
3808	(EE0)		4	NRDPTOD	Packed Decimal Work Area 0004
3812	(EE4)	ADDRESS	4	NRDNLGPT	Address of NLG when logging
3816	(EE8)	SIGNED	4	NRDRSVD (4)	Reserved for IBM
		Comment			
		---------- 0			
		END OF THE NRD 0			
		---------- 0			
		End of Comment			
3832	(EF8)	DBL WORD	8	NRDDAEND (0)	
3832	(EF8)	BITSTRING	1	NRDDSIZE (0)	- L'NRDDSIZE = 'NRDSTART' SIZE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	NRDRREC	
0	(0)	BITSTRING	1	NRDRRCB	Record control byte
1	(1)	BITSTRING	1	NRDRSRCB	Sub-record control byte
2	(2)	BITSTRING	1	NRDBSCR (0)	BSC record pointer
		Comment			

		Only for SNA records			

		End of Comment			
2	(2)	BITSTRING	1	NRDSRIDL	RID record length
3	(3)	BITSTRING	1	NRDSNAR (0)	SNA record pointer

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

				Only till this point BSC and SNA has different formats. SNA has an extra byte to store the RID record length. From this point onwards both the formats are exactly same and we can use a common structure.	

				Common for both BSC and SNA records	

				End of Comment	
3	(3)	BITSTRING	1	NRDRECR (0)	Record pointer
3	(3)	BITSTRING	1	NRDRSEGL	Segment length
4	(4)	BITSTRING	1	NRDRDATA (0)	Non-spanned/Nth/LAST data pointer
4	(4)	BITSTRING	2	NRDRLRCL	Original logical record length
6	(6)	BITSTRING	1	NRDRFDAT (0)	First spanned segment data pointer
				Comment	

				END OF THE NRDRREC	

				The SDM spanned data temporary storage size is big enough to accomodate 10 segments of data. It can be calculated as : NRDBHDL + (NRDSHDL+L'NRDSEGD) 10 + NRDBTRL 0 where: 0 NRDBHDL is the buffer header length, 0 NRDSHDL is the segment header length, NRDSEGD is the segment data, and NRDBTRL is the buffer trailer length.	

				End of Comment	
6	(6)	X'A13'	0	NRDBUFSZ	"NRDBHDL+(NRDSHDL+L'NRDSEGD)*10+NRDBTRL" 0072 Temp. storage buffer size

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	NRDBUFF	
0	(0)	CHARACTER	4	NRDBID	Eye catcher
4	(4)	ADDRESS	4	NRDBNEXT	Next buffer address of SDM spanned data temp. storage
4	(4)	X'8'	0	NRDBHDL	"L'NRDBNEXT+L'NRDBID" Buffer header length
				Comment	

				SDM spanned sgments	

				End of Comment	
8	(8)	BITSTRING	1	NRDSEG (0)	SDM spanned data segments
8	(8)	BITSTRING	1	NRDSEGT	Segment type
9	(9)	BITSTRING	1	NRDSEGL	Segment length
10	(A)	BITSTRING	255	NRDSEGD	Segment data
10	(A)	X'2'	0	NRDSHDL	"L'NRDSEGT+L'NRDSEGL" Segment header length
10	(A)	X'1'	0	NRDBTRL	"L'NRDSEGT" Buffer trailer length
10	(A)	X'9'	0	NRDBTOL	"NRDBHDL+NRDBTRL" Total header/trailer length

IATYNRD Cross Reference

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
Comment					
---------- END OF THE NRDBUFF ----------					
End of Comment					

IATYNRD Cross Reference

Name

DPRSSBFR
DPRSSEND
DPRSSLEN
DPRSSMAX
DPRSSNXT
DPRSSPRM
DPRSSRCD
DPRSSSAV
DPRSSSIZ
NRDADPRS
NRDADSHB
NRDASSWE
NRDBFEND
NRDBFPTR
NRDBHDL
NRDBID
NRDBLINE
NRDBNEXT
NRDBSCR
NRDBSCRC
NRDBTOL
NRDBTRL
NRDBUFAD
NRDBUFF
NRDBUFLN
NRDBUFSZ
NRDBZERO
NRDCOMP
NRDDAEND
NRDDATE
NRDDSHIN
NRDDSHLN
NRDDSHTK
NRDDSIZE
NRDEOB
NRDFLAG1
NRDFLAG2
NRDFL201
NRDFL202
NRDFL204
NRDFL208
NRDFL210
NRDFL220
NRDID
NRDINDLN

Name

NRDJBBRS
NRDJBBSC
NRDJBEOF
NRDJBJCT
NRDJBJDA
NRDJBJDS
NRDJBJMR
NRDJBLOC
NRDJBNAM
NRDJBNFY
NRDJBNUM
NRDJBORG
NRDJBOSE
NRDJBPRM
NRDJBQUL
NRDJBRCT
NRDJBRCV
NRDJBRMT
NRDJBRRS
NRDJBSNA
NRDJBTCP
NRDJBTXT
NRDJBUSR
NRDJBXEQ
NRDJCTAD
NRDJDFDB
NRDJDNUM
NRDJHBLN
NRDJHBUF
NRDJHFDB
NRDJHRCV
NRDJHTAT
NRDJJHBA
NRDJJHFP
NRDJJHLN
NRDJJHLS
NRDJJRCV
NRDJOJBI
NRDJPARM
NRDJRDEV
NRDJREND
NRDJRSIZ
NRDJRSRV
NRDJRVF1
NRDJRVF2
NRDJTATF
NRDJTFDB
NRDJTRCV
NRDJTTAT
NRDLSTD
NRDMJIBA
NRDMSGRT
NRDNJHIN
NRDNJHNO
NRDNLGPT
NRDNTSPN
NRDOACDF
NRDOACTL
NRDOBCNT
NRDOBNUM

Name

NRDOBRL
NRDOCBUF
NRDOCCTL
NRDOCDSH
NRDOCTLF

NRDODCCC
NRDODCTL
NRDODFDB
NRDODNUM
NRDODOPN

NRDODPRO
NRDODRCV
NRDODSHF
NRDODSLN
NRDOFBUF

NRDOFFDB
NRDOFSTR
NRDOGOTU
NRDOHBLN
NRDOHBUF

NRDOHFDB
NRDOHRCV
NRDOHTAT
NRDOINDX
NRDOJCLS

NRDOJCTA
NRDOJHBA
NRDOJHFP
NRDOJHLN
NRDOJHLS

NRDOJNAM
NRDOJNFY
NRDOJORG
NRDOJQUL
NRDOJRMT

NRDOJTBA
NRDOJTLN
NRDOJUSR
NRDOJXEQ
NRDOLCNT

NRDOLNCD
NRDOLOCP
NRDOLRCL
NRDOLSTR
NRDOMCDF

NRDOMCTL
NRDONBUF
NRDONCDF
NRDONCTL
NRDONSPN

NRDONTHR
NRDOOJBI
NRDOPARM
NRDOPBRS
NRDOPCNT

NRDOPEOF
NRDOPJCT
NRDOPJDA
NRDOPJDS
NRDOPJMR

Name

NRDOPOSE
NRDOPPTR
NRDOPRCV
NRDOPRIO
NRDOPRRS

NRDORCNT
NRDOREND
NRDORRCV
NRDORSIZ
NRDORVF1

NRDORVF2
NRDORVF3
NRDOSMD
NRDOSPNF
NRDOSPTR

NRDOSRCB
NRDOSTFP
NRDOSTRM
NRDOTATF
NRDOTCRD

NRDOTFDB
NRDOTKSV
NRDOTLIN
NRDOTRCV
NRDOTTAT

NRDOTUID
NRDO3R01
NRDO3R02
NRDO3R04
NRDO3R08

NRDPOE
NRDPRTIC
NRDPRTID
NRDPTOD
NRDRCBSV

NRDRDATA
NRDRECLN
NRDRECNX
NRDRECPT
NRDRECR

NRDRECWK
NRDRESRG
NRDRESUM
NRDRESV1
NRDRESV2

NRDRESV3
NRDRESV5
NRDRESV7
NRDRFDAT
NRDRLRCL

NRDRRCB
NRDRREC
NRDRSAVE
NRDRSEGL
NRDRSNCD

NRDRSRCB
NRDRSVD
NRDRTYPE
NRDSCB40
NRDSDMFG

Name

NRDSDMFS
NRDSDMSP
NRDSEC
NRDSECA
NRDSEG
NRDSEGD
NRDSEGL
NRDSEGSM
NRDSEGT
NRDSFSTS
NRDSHDL
NRDSKCNT
NRDSMF49
NRDSNAR
NRDSNARC
NRDSNTHS
NRDSPNDX
NRDSRIDL
NRDSSECF
NRDSSLOT
NRDSSMSK
NRDSSNON
NRDSSWRK
NRDSTART
NRDSTCK
NRDTCPRC
NRDTDCLK
NRDTIME
NRDTUSID
NRDUTMSG
NRDWAKUP
RCBERMAX
REASNMAX
RSNCD004
RSNCD008
RSNCD012
RSNCD016
RSNCD044
RSNCD048
RSNCD052
RSNCD056
RSNCD060
RSNCD064
RSNCD068
RSNCD072
RSNCD076
RSNCD080
RSNCD084
RSNCD088
RSNCD092
RSNCD096
RSNCD100
RSNCD104
RSNCD108
RSNCD112
RSNCD116
RSNCD120
RSNCD124
RSNCD128
RSNCD132

Name

RSNCD136
RSNCD140
RSNCD144
RSNCD148
RSNCD152

RSNCD156
RSNCD160
RSNCD164
RSNCD168
RSNCD172

RSNCD176
RSNCD180
RSNCD184
RSNCD188
RSNCD192

RSNCD196
RSNCD200
RSNCD204
RSNCD208
RSNCD212

RSNCD216
RSNCD220
RSNCD224
RSNCD228
RSNCD232

RSNCD236
RSNCD240
RSNCD244
RSNCD248
RSNCD252

RSNCD256
RSNCD260
RSNCD264
RSNCD268
RSNCD272

RSNCD276
RSNCD280
RSNCD284
RSNCD288
RSNCD404

RSNCD408
RSNCD412
RSNCD416
RSNCD424
RSNCD504

RSNCD508
RSNCD512
RSNCD999
RTNCOD00
RTNCOD04

RTNCOD08
RTNCOD12
RTNCOD16
RTNCOD20
RTNCOD24

RTNCOD28
RTNCOD32
RTNCOD36
SMFJ49
SMFRCD49

Name

SMF49BND
SMF49DEF
SMF49DTE
SMF49END
SMF49EVT
SMF49FLG
SMF49FLN
SMF49LEN
SMF49LER
SMF49LIM
SMF49LIN
SMF49LNA
SMF49LN1
SMF49LN2
SMF49LRR
SMF49MSG
SMF49NER
SMF49PER
SMF49PSW
SMF49PTR
SMF49RMT
SMF49RSV
SMF49RTY
SMF49RV1
SMF49SBG
SMF49SBS
SMF49SEG
SMF49SID
SMF49SIZ
SMF49SON
SMF49SPW
SMF49STL
SMF49TER
SMF49TME
SMF49UFO
SMF49VID

IATYNRS Information

IATYNRS Programming Interface information

Programming Interface information

IATYNRS

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

- *0146
- *0146
- NRSCKSBP
- NRSCKSWB
- NRSCMPR
- NRSDCMPR
- NRSTISP

End of Programming Interface information

IATYNRS Heading Information

Common Name: NETWORKING NJEROUT DATA AREA
Macro ID: IATYNRS
DSECT Name: IATNTRD
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: JES3 PRIVATE AREA
Auxiliary Storage: N/A
Size: 7392 Bytes
Created by: N/A
Pointed to by: R13 (UPON ENTRY TO IATNTRS)
Serialization: None
Function: THIS IS THE MAPPING OF THE REROUTE DATA CSECT. IT CONTAINS CONSTANTS AND WORK AREAS FOR USE BY THE NETWORKING NJEROUT DSP(IATNTRS).

IATYNRS Map

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

Comment

```
      IATYMOD BR=NO DATA CSECT IDENTIFIER
              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

IATYNSCT Information

IATYNSCT Heading Information

Common Name: TCPIP Netserv Control Table
Macro ID: IATYNSCT
DSECT Name: NSCTSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: NSCT
Offset: 0
Length: 4
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 0
Data Space: None
Size: NSCTSIZE bytes
Created by: IATNTTAS
Pointed to by: NSSTNSCT field within IATYNSST
TCTJSDTA field within IAZYTCT
Serialization: None
Function: This macro maps the TCPIP NJE Netserv control table.

IATYNSCT Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	NSCTSTRT	
0	(0)	CHARACTER	4	NSCTID	NSCT eyecatcher
4	(4)	ADDRESS	4	NSCTNEXT	Chain pointer
8	(8)	ADDRESS	1	NSCTVER	NSCT version number
8	(8)	X'1'	0	NSCTVER1	"1" NSCT version
8	(8)	X'1'	0	NSCTCVER	"NSCTVER1" Current NSCT version
9	(9)	BITSTRING	1	NSCTKEY	Old key saved by MODESET
10	(A)	BITSTRING	2	NSCTRSV1	Reserved for IBM
12	(C)	ADDRESS	4	NSCTASCB	ASCB address
16	(10)	ADDRESS	4	NSCTCRQH	TCRQ head
20	(14)	ADDRESS	4	NSCTCRQT	TCRQ tail
24	(18)	ADDRESS	4	NSCTCQFH	Free TCRQ head
28	(1C)	ADDRESS	4	NSCTCQFT	Free TCRQ tail
32	(20)	ADDRESS	4	NSCTNJQH	Network job request head
36	(24)	ADDRESS	4	NSCTNJQT	Network job request tail
40	(28)	ADDRESS	4	NSCTPNJH	Pending n/w job req head
44	(2C)	ADDRESS	4	NSCTPNJT	Pending n/w job req tail
48	(30)	CHARACTER	8	NSCTNNAM	Name of our Netserv
56	(38)	CHARACTER	8	NSCTSTAK	Stack name
64	(40)	CHARACTER	8	NSCTHMND	Name of our home node
72	(48)	ADDRESS	4	NSCTTCT	IAZYTCT address
76	(4C)	SIGNED	4	NSCTEECB	ECB for communication task end (required on ATTACHX)
80	(50)	SIGNED	4	NSCTWECB	ECB to be posted when giving work to the communication task
84	(54)	ADDRESS	4	NSCTNSTH	Head of NSST chain
88	(58)	ADDRESS	4	NSCTNSTT	Tail of NSST chain
92	(5C)	ADDRESS	4	NSCTMEM	MEM for this Netserv
96	(60)	ADDRESS	4	NSCTSVT	Pointer to the SVT
100	(64)	BITSTRING	1	NSCTFLG1	Flags (copy of NTSVFLG1)
101	(65)	BITSTRING	1	NSCTFLG2	Flag byte 2

Comment

Definition of NSCTFLG2.

End of Comment

1...	NSCTWAKE	"X'80'" Just wake up from wait

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.1..		NSCTNOTR	"X'40'" No transmitter available
		..1.		NSCTNOSK	"X'20'" No socket available
		...1		NSCTPEND	"X'10'" Pending request in progress
		.... 1...		NSCTABND	"X'08'" Abend in NTTXR exit
		.... .1..		NSCTREJT	"X'04'" Reject return
		.... ..1.		NSCTPCAN	"X'02'" Pending cancel request 06594SVA
		1		NSCTABN2	"X'01'" Abend in NTTCT module
102	(66)	BITSTRING	2	NSCTRSV2	Reserved for IBM
104	(68)	SIGNED	4	NSCTDDCT	DD name counter used by socket subtasks to generate unique dd names for allocating datasets
108	(6C)	SIGNED	4	NSCTSAVE (18)	Save area for init routine and server main task
108	(6C)	X'6C'	0	NSCTSAV8	"NSCTSAVE,8,C'C'" Reuse 8 bytes of NSCTSAVE 07163SXA to use as work area for 07163SXA IATXPHEX 07163SXA
184	(B8)	DBL WORD	8	NSCTWORK	Doubleword work area

Comment

Work area for creating named token for IAZYTCT

End of Comment

192	(C0)	DBL WORD	8	NSCTNTWK (0)	Align on doubleword
192	(C0)	ADDRESS	4	NSCTP1AD	P1 (Level) address
196	(C4)	ADDRESS	4	NSCTP2AD	P2 (Name) address
200	(C8)	ADDRESS	4	NSCTP3AD	P3 (Token) address, also delete return code
204	(CC)	ADDRESS	4	NSCTP4AD	P4 (Persistent option) addr
208	(D0)	ADDRESS	4	NSCTP5AD	P5 (Create RC) address
212	(D4)	SIGNED	4	NSCTTKLV	Task level for token
216	(D8)	CHARACTER	16	NSCTTKNM	Name of NAME/TOKEN pair
232	(E8)	BITSTRING	16	NSCTTKTK	Token of NAME/TOKEN pair
248	(F8)	SIGNED	4	NSCTTKPR	Persistent option
252	(FC)	SIGNED	4	NSCTTKRC	Service return code
256	(100)	ADDRESS	4	(5)	CALL list form

Comment

Parameter list for ESTAEX macro

SCTESTA ESTAEX MF=L ESTAEX list form

End of Comment

276	(114)	SIGNED	4	(0)	
276	(114)	ADDRESS	1	NSCTESTA	FLAGS FOR ESTAEX
277	(115)	ADDRESS	1		SECOND FLAG BYTE
278	(116)	ADDRESS	1		THIRD FLAG BYTE
279	(117)	ADDRESS	1		VERSION NUMBER
280	(118)	ADDRESS	4		TOKEN VALUE AREA
284	(11C)	ADDRESS	4		PARM. LIST ADDR. NOT SPECIFIED
288	(120)	ADDRESS	4		ALET FOR PARM LIST
292	(124)	ADDRESS	4		EXIT ADDR NOT SPECD
292	(124)	X'14'	0	NSCTESTL	"*-NSCTESTA" Length of list form

Comment

Control parameter list for ATTACHX macro.

SCTATXL ATTACHX SF=L ATTACHX list form
MACDATE 11/11/91

End of Comment

296	(128)	SIGNED	4	NSCTATXL (0)	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
296	(128)	ADDRESS	4		DE OR EPLOC ADDRESS
300	(12C)	ADDRESS	4		DCB ADDRESS
304	(130)	ADDRESS	4		NEW FORMAT + ECB ADDR
308	(134)	ADDRESS	4		GSPL OR GSPV
312	(138)	ADDRESS	4		SHSPV OR SHSPL
316	(13C)	ADDRESS	4		EXIT ROUTINE ADDRESS
320	(140)	ADDRESS	2		DPMOD VALUE
322	(142)	ADDRESS	1		LPMOD VALUE
323	(143)	ADDRESS	1		STATUS BYTE
324	(144)	ADDRESS	4	(2)	EP NAME SPACE
332	(14C)	ADDRESS	4		ADDRESS OF JSCB
336	(150)	ADDRESS	4		(E)STAI PARM LIST
340	(154)	ADDRESS	4		EXIT ADDRESS
344	(158)	ADDRESS	4		TASKLIB
348	(15C)	ADDRESS	1		FLAG BYTE
349	(15D)	ADDRESS	1		TASK ID
350	(15E)	ADDRESS	2		PARM LIST LENGTH
352	(160)	ADDRESS	4		SUBPOOL LIST ADDRESS/VALUE
356	(164)	ADDRESS	1		SET FLAGS
357	(165)	ADDRESS	1		SET UP FORMAT NUMBER
358	(166)	ADDRESS	1		SET FLAGS
359	(167)	ADDRESS	1		RESERVED BYTE
360	(168)	ADDRESS	4		EPLOC/DE/EP ALET
364	(16C)	ADDRESS	4		DCB ALET
368	(170)	ADDRESS	4		ECB ALET
372	(174)	ADDRESS	4		GSPL ALET
376	(178)	ADDRESS	4		SHSPL ALET
380	(17C)	ADDRESS	4		JSCB ALET
384	(180)	ADDRESS	4		(E)STAI PARAMETER ALET
388	(184)	ADDRESS	4		TASKLIB ALET
392	(188)	ADDRESS	4		NSHSPL ALET
392	(188)	X'64'	0	NSCTATLN	"*-NSCTATXL" Length of list form

Comment

User parameter list for ATTACHX macro.

End of Comment

400	(190)	DBL WORD	8	NSCTATUL	ATTACHX user parameter list

Comment

Definitions for SDUMPX

End of Comment

Comment

SCTIDP SDUMPX MF=L, List form of SDUMPX

End of Comment

296	(128)	SIGNED	4	NSCTIDP (0)	SDUMP PARAMETER LIST
296	(128)	ADDRESS	1		FLAG BYTE
297	(129)	ADDRESS	1		FLAG BYTE
298	(12A)	ADDRESS	1		FLAG BYTE
299	(12B)	ADDRESS	1		FLAG BYTE
300	(12C)	ADDRESS	4		ADDRESS OF DCB
304	(130)	ADDRESS	4		ADDRESS OF STORAGE LIST
308	(134)	ADDRESS	4		ADDRESS OF USER DATA
312	(138)	ADDRESS	4		ADDRESS OF ECB/SRB
316	(13C)	ADDRESS	2		CURRENT ASID

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
318	(13E)	ADDRESS	2		OTHER ASID
320	(140)	ADDRESS	4		ADDRESS OF ASID LIST
324	(144)	ADDRESS	4		ADDRESS OF SUMLIST/SUMLSTA LIST
328	(148)	ADDRESS	4		RESERVED
332	(14C)	ADDRESS	4		RESERVED
336	(150)	ADDRESS	1		FLAG BYTE
337	(151)	ADDRESS	1		CONTROL FLAG BYTE
338	(152)	ADDRESS	1		TYPE FLAG BYTE
339	(153)	ADDRESS	1		VERSION
340	(154)	ADDRESS	1		EXIT FLAG BYTE
341	(155)	ADDRESS	1		EXIT FLAG BYTE
342	(156)	ADDRESS	1		SDATA OPTIONS
343	(157)	ADDRESS	1		RESERVED SDATA OPTIONS
344	(158)	ADDRESS	4		ADDRESS OF SUBPLST
348	(15C)	ADDRESS	4		ADDRESS OF KEYLIST
352	(160)	ADDRESS	4		RESERVED
356	(164)	ADDRESS	4		ALET OF DCB PARAMETER
360	(168)	ADDRESS	4		ALET OF STORAGE PARAM
364	(16C)	ADDRESS	4		ALET OF HDR PARAMETER
368	(170)	ADDRESS	4		ALET OF ASIDLST PARAM
372	(174)	ADDRESS	4		ALET OF SUMLIST PARAM
376	(178)	ADDRESS	4		ALET OF SUBPLST PARAM
380	(17C)	ADDRESS	4		ALET OF KEYLIST PARAM
384	(180)	ADDRESS	4		ADDRESS OF LISTD
388	(184)	ADDRESS	4		No ALET for LISTD/LIST64
392	(188)	ADDRESS	4		No SUMLSTL or SUMLIST64
396	(18C)	ADDRESS	4		ALET SUMLSTL or SUMLIST64
400	(190)	ADDRESS	4		No address for PSWREGS
404	(194)	ADDRESS	4		No Alet for PSWREGS
408	(198)	ADDRESS	4		ADDRESS OF SYMREC
412	(19C)	ADDRESS	4		ALET OF SYMREC
416	(1A0)	ADDRESS	4		ADDRESS OF ID
420	(1A4)	ADDRESS	4		ALET OF ID
424	(1A8)	ADDRESS	4		ADDRESS FOR STRLIST
428	(1AC)	ADDRESS	4		ALET OF STRLIST PARAM
432	(1B0)	ADDRESS	4		ADDRESS FOR INTOKEN
436	(1B4)	ADDRESS	4		ALET OF INTOKEN PARAM
440	(1B8)	ADDRESS	4		ADDRESS FOR REMOTE
444	(1BC)	ADDRESS	4		ALET OF REMOTE PARAM
448	(1C0)	ADDRESS	4		ADDRESS FOR PROBDESC
452	(1C4)	ADDRESS	4		ALET OF PROBDESC PARAM
456	(1C8)	ADDRESS	4		ADDRESS FOR JOBLIST
460	(1CC)	ADDRESS	4		ALET OF JOBLIST PARAM
464	(1D0)	ADDRESS	4		ADDRESS FOR DSPLIST
468	(1D4)	ADDRESS	4		ALET OF DSPLIST PARAM
472	(1D8)	ADDRESS	1		SDUMP Control Flag values
473	(1D9)	BITSTRING	7		RESERVED
473	(1D9)	X'B8'	0	NSCTIDPL	"*-NSCTIDP" Length of SDUMPX MF=L

Comment

```
------------------------------------------------------------
     Parameter list for IATXFIFO (used by socket tasks).
------------------------------------------------------------
   $S0= TCPNJE HJS7730 040811 PD0RF: z 1.8.0
, IATXFIFO MF=L
```

End of Comment

296	(128)	SIGNED	4	NSCTFIFO (0)	IATXFIFO List Form
296	(128)	ADDRESS	4		ELEMADDR pointer
300	(12C)	ADDRESS	4		DQELEM pointer
304	(130)	ADDRESS	4		HEAD pointer
308	(134)	ADDRESS	4		TAIL pointer
312	(138)	SIGNED	2		ELNEXT offset
314	(13A)	SIGNED	2		ELPREV offset

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
316	(13C)	ADDRESS	4		ECB pointer
320	(140)	ADDRESS	4		ASCB pointer
324	(144)	SIGNED	4	(13)	Save area for R2-R14

Comment

---------- 07643SVA
Parameter list for IATXFIFO (used by communication 07643SVA task). 07643SVA
---------- 07643SVA
$S0= TCPNJE HJS7730 040811 PD0RF: z 1.8.0
, IATXFIFO MF=L

End of Comment

480	(1E0)	SIGNED	4	NSCTFIFC (0)	IATXFIFO List Form
480	(1E0)	ADDRESS	4		ELEMADDR pointer
484	(1E4)	ADDRESS	4		DQELEM pointer
488	(1E8)	ADDRESS	4		HEAD pointer
492	(1EC)	ADDRESS	4		TAIL pointer
496	(1F0)	SIGNED	2		ELNEXT offset
498	(1F2)	SIGNED	2		ELPREV offset
500	(1F4)	ADDRESS	4		ECB pointer
504	(1F8)	ADDRESS	4		ASCB pointer
508	(1FC)	SIGNED	4	(13)	Save area for R2-R14
560	(230)	CHARACTER	112	NSCTSEL	SEL within NSCT
672	(2A0)	ADDRESS	4	NSCTNTSS	Entry point of IATNTTSS
676	(2A4)	ADDRESS	4	NSCTCTCB	Communication task TCB
680	(2A8)	SIGNED	2	NSCTPORT	Netserv port number
682	(2AA)	BITSTRING	2	NSCTRSV3	Reserved for IBM
684	(2AC)	BITSTRING	255	NSCTHOST	Netserv host name
939	(3AB)	BITSTRING	1		Reserved - do not use
940	(3AC)	BITSTRING	3	NSCTRSV4	Reserved for IBM
943	(3AF)	BITSTRING	1	NSCTEXIT	NTTXR Exits.

Comment

Recovery foot prints for address space level exits.

End of Comment

		1		NCASINIT	"X'01'" Addr space initiation
		.... ..1.		NCASTERM	"X'02'" Addr space termination
		11		NCASRQST	"X'03'" Address space request
		.... .1..		NCASTRAC	"X'04'" Address space trace
		.... .1.1		NCSTINIT	"X'05'" Subtask initiation
		.... .11.		NCSTTRAC	"X'06'" Subtask trace
		.... .111		NCCONNRQ	"X'07'" Connect request
944	(3B0)	ADDRESS	4	NSCTSTOR	Temporary storage addresss for recovery
948	(3B4)	SIGNED	4	NSCTSECB	ECB to be posted when 07644SXA previous socket subtask 07644SXA terminates 07644SXA 07644SXA
952	(3B8)	SIGNED	4	NSCTDECB	ECB for SDUMPX processing
956	(3BC)	SIGNED	4	NSCTRSV5 (3)	Reserved for IBM

Comment

Parameter list for WTO.

SCTWTO WTO TEXT= - , Parameter list for WTO

End of Comment

968	(3C8)	SIGNED	4	NSCTWTO (0)	
968	(3C8)	ADDRESS	2		TEXT LENGTH
970	(3CA)	BITSTRING	2		MCSFLAGS

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
972	(3CC)	ADDRESS	4		MESSAGE TEXT ADDRESS
976	(3D0)	ADDRESS	1		VERSION LEVEL
977	(3D1)	BITSTRING	1		MISCELLANEOUS FLAGS
978	(3D2)	ADDRESS	1		REPLY LENGTH
979	(3D3)	ADDRESS	1		LENGTH OF WPX
980	(3D4)	BITSTRING	2		EXTENDED MCS FLAGS
982	(3D6)	ADDRESS	2		RESERVED
984	(3D8)	ADDRESS	4		REPLY BUFFER ADDRESS
988	(3DC)	ADDRESS	4		REPLY ECB ADDRESS
992	(3E0)	ADDRESS	4		CONNECT ID
996	(3E4)	BITSTRING	2		DESCRIPTOR CODES
998	(3E6)	ADDRESS	2		RESERVED
1000	(3E8)	BITSTRING	16		
1016	(3F8)	BITSTRING	2		MESSAGE TYPE
1018	(3FA)	ADDRESS	2		MESSAGE'S PRIORITY
1020	(3FC)	CHARACTER	8		JOB ID
1028	(404)	CHARACTER	8		JOB NAME
1036	(40C)	CHARACTER	8		RETRIEVAL KEY
1044	(414)	ADDRESS	4		TOKEN FOR DOM
1048	(418)	ADDRESS	4		CONSOLE ID
1052	(41C)	CHARACTER	8		SYSTEM NAME
1060	(424)	CHARACTER	8		CONSOLE NAME
1068	(42C)	ADDRESS	4		REPLY CONSOLE NAME/ID ADDR
1072	(430)	ADDRESS	4		CART ADDRESS
1076	(434)	ADDRESS	4		WSPARM ADDRESS
1076	(434)	X'70'	0	NSCTWTOL	"*-NSCTWTO" Parameter list length
				Comment	

				Message text area	

				End of Comment	
1080	(438)	CHARACTER	122	NSCTWTTX	WTO text (len + 120 chars)
				Comment	

				ESTAE Register save area	

				End of Comment	
1204	(4B4)	SIGNED	4	NSCTGR (0)	Align register save area
1204	(4B4)	SIGNED	4	NSCTGR00	Register 0 save area
1208	(4B8)	SIGNED	4	NSCTGR01	Register 1 save area
1212	(4BC)	SIGNED	4	NSCTGR02	Register 2 save area
1216	(4C0)	SIGNED	4	NSCTGR03	Register 3 save area
1220	(4C4)	SIGNED	4	NSCTGR04	Register 4 save area
1224	(4C8)	SIGNED	4	NSCTGR05	Register 5 save area
1228	(4CC)	SIGNED	4	NSCTGR06	Register 6 save area
1232	(4D0)	SIGNED	4	NSCTGR07	Register 7 save area
1236	(4D4)	SIGNED	4	NSCTGR08	Register 8 save area
1240	(4D8)	SIGNED	4	NSCTGR09	Register 9 save area
1244	(4DC)	SIGNED	4	NSCTGR10	Register 10 save area
1248	(4E0)	SIGNED	4	NSCTGR11	Register 11 save area
1252	(4E4)	SIGNED	4	NSCTGR12	Register 12 save area
1256	(4E8)	SIGNED	4	NSCTGR13	Register 13 save area
1260	(4EC)	SIGNED	4	NSCTGR14	Register 14 save area
1264	(4F0)	SIGNED	4	NSCTGR15	Register 15 save area

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
Comment					
---------- ESTAEX Tokens (subtask token is in IATYNSST) ----------					
End of Comment					
1268	(4F4)	SIGNED	4	NSCTTKCT	IATNTTCT token
1272	(4F8)	SIGNED	4	NSCTTKXR	IATNTTXR main token
1276	(4FC)	SIGNED	4	NSCTEND (0)	End of NSCT table
1276	(4FC)	X'4FC'	0	NSCTSIZE	"NSCTEND-NSCTSTRT" Size of NSCT table 97

IATYNSCT Cross Reference

Name

NCASINIT
NCASRQST
NCASTERM
NCASTRAC
NCCONNRQ

NCSTINIT
NCSTTRAC
NSCTABND
NSCTABN2
NSCTASCB

NSCTATLN
NSCTATUL
NSCTATXL
NSCTCQFH
NSCTCQFT

NSCTCRQH
NSCTCRQT
NSCTCTCB
NSCTCVER
NSCTDDCT

NSCTDECB
NSCTEECB
NSCTEND
NSCTESTA
NSCTESTL

NSCTEXIT
NSCTFIFC
NSCTFIFO
NSCTFLG1
NSCTFLG2

NSCTGR
NSCTGR00
NSCTGR01
NSCTGR02
NSCTGR03

NSCTGR04
NSCTGR05
NSCTGR06
NSCTGR07
NSCTGR08

NSCTGR09
NSCTGR10
NSCTGR11
NSCTGR12
NSCTGR13

Name

NSCTGR14
NSCTGR15
NSCTHMND
NSCTHOST
NSCTID
NSCTIDP
NSCTIDPL
NSCTKEY
NSCTMEM
NSCTNEXT
NSCTNJQH
NSCTNJQT
NSCTNNAM
NSCTNOSK
NSCTNOTR
NSCTNSTH
NSCTNSTT
NSCTNTSS
NSCTNTWK
NSCTPCAN
NSCTPEND
NSCTPNJH
NSCTPNJT
NSCTPORT
NSCTP1AD
NSCTP2AD
NSCTP3AD
NSCTP4AD
NSCTP5AD
NSCTREJT
NSCTRSV1
NSCTRSV2
NSCTRSV3
NSCTRSV4
NSCTRSV5
NSCTSAVE
NSCTSAV8
NSCTSECB
NSCTSEL
NSCTSIZE
NSCTSTAK
NSCTSTOR
NSCTSTRT
NSCTSVT
NSCTTCT
NSCTTKCT
NSCTTKLV
NSCTTKNM
NSCTTKPR
NSCTTKRC
NSCTTKTK
NSCTTKXR
NSCTVER
NSCTVER1
NSCTWAKE
NSCTWECB
NSCTWORK
NSCTWTO
NSCTWTOL
NSCTWTTX

IATYNSST Information

IATYNSST Heading Information

Common Name: TCPIP NETSERV Subtask Table
Macro ID: IATYNSST
DSECT Name: NSSTSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: NSST
Offset: 0
Length: 4
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 0
Data Space: None
Size: NSSTSIZE bytes
Created by: IATNTTSS
IATNTTXR
Pointed to by: NSCNSSTH field within IATYNSCT
NSCNSSTT field within IATYNSCT
NSSTNEXT field within IATYNSST
NSSTPREV field within IATYNSST
TSCTJSDT field within IAZYTSCT
Serialization: None
Function: This macro maps the TCPIP NJE NETSERV control table. This structure describes a TCPIP subtask that represents a socket.

IATYNSST Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	NSSTSTRT	
0	(0)	CHARACTER	4	NSSTID	NSST eyecatcher
4	(4)	ADDRESS	1	NSSTVER	NSST version number
4	(4)	X'1'	0	NSSTVR01	"1" NSST version
4	(4)	X'1'	0	NSSTCVER	"NSSTVR01" Current version
5	(5)	BITSTRING	1	NSSTFLG1	Flags (copy of SOCKFLG1)
6	(6)	BITSTRING	1	NSSTFLG2	Flag 2
		Comment			

		Definition for socket sub task flag 2.			

		End of Comment			
		1...		NSSTSTAC	"X'80'" Job/Sysout streams active
		.1..		NSSTQUED	"X'40'" NSST queued to NSCT 06297SVA
		..1.		NSSTABND	"X'20'" Abend in NTTXR exit
		...1		NSSTREJT	"X'10'" Reject return
		.... 1...		NSSTRLSE	"X'08'" Release all jobs in socket
		.... .1..		NSSTNOPS	"X'04'" No pending start for the 07644SXC same socket 07644SXA
		.... ..1.		NSSTF202	"X'02'" Reserved for IBM
		1		NSSTF201	"X'01'" Reserved for IBM
7	(7)	BITSTRING	1	NSSTRS01	Reserved for IBM
8	(8)	CHARACTER	8	NSSTNAME	Socket name
16	(10)	CHARACTER	8	NSSTNODE	Node name using the socket
24	(18)	ADDRESS	1	NSSTJTRN	Number of job transmitters
25	(19)	ADDRESS	1	NSSTJTUC	Use count of job transmitters
26	(1A)	ADDRESS	1	NSSTOTRN	Number of SYSOUT transmitters
27	(1B)	ADDRESS	1	NSSTOTUC	Use count of SYSOUT xmitters
28	(1C)	ADDRESS	1	NSSTJRCV	Number of job receivers
29	(1D)	ADDRESS	1	NSSTORCV	Number of SYSOUT receivers

IATYNSST Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
30	(1E)	BITSTRING	4	NSSTFEAT	Features supported
34	(22)	SIGNED	2	NSSTSPDX	Spool partition index
36	(24)	ADDRESS	4	NSSTNJEA	Pointer to copy of NJE entry
40	(28)	ADDRESS	4	NSSTTSCT	IAZYTSCT address
44	(2C)	ADDRESS	4	NSSTNSCT	NSCT address
48	(30)	ADDRESS	4	NSSTNEXT	Next NSST chain pointer
52	(34)	ADDRESS	4	NSSTPREV	Prev NSST chain pointer
56	(38)	BITSTRING	2	NSSTBFSZ	Negotiated buffer size 06305SVA
58	(3A)	SIGNED	2	NSSTRS16	Reserved for IBM 06305SVC
60	(3C)	SIGNED	4	NSSTSELB	SEL buffer address
64	(40)	SIGNED	4	NSSTDECB	ECB for SDUMPX processing
68	(44)	ADDRESS	4	NSSTTPRM	IAZYTPRM address
72	(48)	CHARACTER	8	NSSTDDNM	DDNAME used to allocate ! ! dummy datasets ! ----------> NSCTDDCT in printable hex ----------> Characters "T3"
72	(48)	X'4A'	0	NSSTDDNU	"NSSTDDNM+2,6" Number portion of DDNAME
80	(50)	BITSTRING	1	NSSTSTNO	Job/Sysout stream number

Comment

Valid RCB values

End of Comment

1..1	NSSTRINT	"X'90'" Request for initiation
1.1.	NSSTPINT	"X'A0'" Permission for initiation
1.11	NSSTRCAN	"X'B0'" Request for receiver cancel
11..	NSSTRCMP	"X'C0'" Request for completion
1..1 1...	NSSTR98	"X'98'" Sysin RCB for stream one
1.1. 1...	NSSTRA8	"X'A8'" Sysin RCB for stream two
1.11 1...	NSSTRB8	"X'B8'" Sysin RCB for stream three
11.. 1...	NSSTRC8	"X'C8'" Sysin RCB for stream four
11.1 1...	NSSTRD8	"X'D8'" Sysin RCB for stream five
111. 1...	NSSTRE8	"X'E8'" Sysin RCB for stream six
1111 1...	NSSTRF8	"X'F8'" Sysin RCB for stream seven
1..1 1..1	NSSTR99	"X'99'" Sysout RCB for stream one
1.1. 1..1	NSSTRA9	"X'A9'" Sysout RCB for stream two
1.11 1..1	NSSTRB9	"X'B9'" Sysout RCB for stream three
11.. 1..1	NSSTRC9	"X'C9'" Sysout RCB for stream four
11.1 1..1	NSSTRD9	"X'D9'" Sysout RCB for stream five
111. 1..1	NSSTRE9	"X'E9'" Sysout RCB for stream six
1111 1..1	NSSTRF9	"X'F9'" Sysout RCB for stream seven

Comment

Valid SRCB values

End of Comment

.1..	NSSTTCAN	"X'40'" Request for transmitter cancel
11..	NSSTSJH	"X'C0'" Job header x'C0'
111.	NSSTSDSH	"X'E0'" Data set header x'E0'
1...	NSSTSNOC	"X'80'" Data set - no carriage cntl.
1..1	NSSTSMAC	"X'90'" Data set - machine c.c
1.1.	NSSTSASA	"X'A0'" Data set - ASA carr. cntl.
1.11	NSSTCPDS	"X'B0'" Data set - stream mode c.c
11.1	NSSTSJT	"X'D0'" Job trailer x'D0'
....	NSSTSEOF	"X'00'" End of file x'00'

81	(51)	BITSTRING	16	NSSTTTOK	Subtask TCB token

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- Space reserved for the security check control block. ----------	
				End of Comment	
97	(61)	BITSTRING	1	NSSTSEC	Space reserved for SEC
				Comment	
				---------- ECB list for STIMERM macro ----------	
				End of Comment	
2092	(82C)	ADDRESS	4	NSSDECBL (2)	ECB list
2100	(834)	SIGNED	4	NSSDSTID	STIMERM ID=id-area
2104	(838)	SIGNED	4	NSSDTECB	STIMERM ECB
				Comment	
				---------- ESTAEX Token (main token is in IATYNSCT) ----------	
				End of Comment	
2108	(83C)	SIGNED	4	NSSTTKXR	IATNTTXR subtask token
2112	(840)	DBL WORD	8	NSSTWORK (0)	Align on doubleword
				Comment	
				---------- Parameter list for ESTAEX macro ----------	
				SSESTAE ESTAEX MF=L ESTAEX list form	
				End of Comment	
2112	(840)	SIGNED	4	(0)	
2112	(840)	ADDRESS	1	NSSESTAE	FLAGS FOR ESTAEX
2113	(841)	ADDRESS	1		SECOND FLAG BYTE
2114	(842)	ADDRESS	1		THIRD FLAG BYTE
2115	(843)	ADDRESS	1		VERSION NUMBER
2116	(844)	ADDRESS	4		TOKEN VALUE AREA
2120	(848)	ADDRESS	4		PARM. LIST ADDR. NOT SPECIFIED
2124	(84C)	ADDRESS	4		ALET FOR PARM LIST
2128	(850)	ADDRESS	4		EXIT ADDR NOT SPECD
2128	(850)	X'14'	0	NSSESTLN	"*-NSSESTAE" Length of list form
				Comment	
				---------- Parameter list for STIMERM macro ----------	
				End of Comment	
				Comment	
				SSDSTMS STIMERM SET,MF=L List form to set timer MACDATE = 08/19/88	
				End of Comment	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
2112	(840)	BITSTRING	24	NSSDSTMS	REMOTE STIMERM SET PARM LIST
				Comment	
				SSDSTMC STIMERM CANCEL,MF=L List form to cancel timer MACDATE = 08/19/88	
				End of Comment	
2136	(858)	BITSTRING	16	NSSDSTMC	REMOTE STIMERM TEST/CANCEL PARM LIST 5
				Comment	
				---------- Parameter list for RACROUTE (extract). ----------	
				End of Comment	
				Comment	
				SSTEXTL RACROUTE REQUEST=EXTRACT, X	
				End of Comment	
2112	(840)	SIGNED	4	NSSTEXTL (0)	
2112	(840)	X'840'	0	IHB0007A	"*"
2112	(840)	SIGNED	4		RACF OR INSTALL EXIT RETURN CODE
2116	(844)	SIGNED	4		RACF OR INSTALL EXIT REASON CODE
2120	(848)	ADDRESS	2		LENGTH OF LIST IN BYTES
2122	(84A)	ADDRESS	1		SET VER/REL FLAG TO 1.9 OR PREV
2123	(84B)	ADDRESS	1		RESERVED
2124	(84C)	ADDRESS	2		REQUEST BYTE
2126	(84E)	BITSTRING	1		FLAGS
2127	(84F)	ADDRESS	1		MESSAGE SUBPOOL
2128	(850)	ADDRESS	4		
2132	(854)	ADDRESS	4		
2136	(858)	ADDRESS	4		
2140	(85C)	ADDRESS	4		MESSAGE RETURN ADDRESS
2144	(860)	ADDRESS	4		RESVD
2148	(864)	ADDRESS	4		OFFSET TO RACF PARAMETER LIST
2152	(868)	SIGNED	4		SAF RETURN CODE
2156	(86C)	SIGNED	4		SAF REASON CODE
2160	(870)	ADDRESS	2		EXTENSION LENGTH
2162	(872)	ADDRESS	2		RESVD
2164	(874)	ADDRESS	4		RETURN DATA ADDRESS
2168	(878)	ADDRESS	4		FLAT PLIST ADDRESS
2172	(87C)	ADDRESS	4		
2176	(880)	ADDRESS	4		
2180	(884)	ADDRESS	4		PREVIOUS FLAT PLIST ADDRESS
2184	(888)	ADDRESS	4		NEXT FLAT PLIST ADDRESS
2188	(88C)	ADDRESS	4		ORIGINAL PLIST ADDRESS
2192	(890)	SIGNED	4		FLAT PLIST LENGTH
2196	(894)	ADDRESS	4		
2200	(898)	ADDRESS	4		
2204	(89C)	ADDRESS	4		
2208	(8A0)	ADDRESS	4		ASYNCHRONOUS ECB ADDRESS
2212	(8A4)	ADDRESS	4		USED IN VM ENVIRONMENT
2216	(8A8)	SIGNED	4	(0)	
2216	(8A8)	SIGNED	4	IHB0007C (0)	
2216	(8A8)	SIGNED	4	ICH0016A (0)	
2216	(8A8)	ADDRESS	2		LENGTH OF LIST IN BYTES
2218	(8AA)	BITSTRING	1		FUNCTION CODE FOR ICHRSV00
2219	(8AB)	ADDRESS	1		REQUEST TYPE
2220	(8AC)	ADDRESS	1		VERSION NUMBER
2221	(8AD)	BITSTRING	1		
2222	(8AE)	ADDRESS	2		OFFSET TO VARIABLE PART OF LIST

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
2224	(8B0)	ADDRESS	4		
2224	(8B0)	X'8B4'	0	ICH0016B	"*" END OF FIXED PART
2228	(8B4)	ADDRESS	4		
2232	(8B8)	ADDRESS	4		
2236	(8BC)	ADDRESS	4		
2240	(8C0)	ADDRESS	4		
2244	(8C4)	ADDRESS	4		
2248	(8C8)	ADDRESS	4		
2252	(8CC)	ADDRESS	4		
2256	(8D0)	ADDRESS	2		RESERVED
2258	(8D2)	BITSTRING	1		
2259	(8D3)	BITSTRING	1		
2260	(8D4)	SIGNED	2	ICH0016C (0)	END OF PARAMETER LIST
2260	(8D4)	SIGNED	2	ICH0016D (0)	

Comment

Parameter list for RACROUTE (encrypt).

End of Comment

Comment

SSTENCL RACROUTE REQUEST=EXTRACT, X

End of Comment

2112	(840)	SIGNED	4	NSSTENCL (0)	
2112	(840)	X'840'	0	IHB0025A	"*"
2112	(840)	SIGNED	4		RACF OR INSTALL EXIT RETURN CODE
2116	(844)	SIGNED	4		RACF OR INSTALL EXIT REASON CODE
2120	(848)	ADDRESS	2		LENGTH OF LIST IN BYTES
2122	(84A)	ADDRESS	1		SET VER/REL FLAG TO 1.9 OR PREV
2123	(84B)	ADDRESS	1		RESERVED
2124	(84C)	ADDRESS	2		REQUEST BYTE
2126	(84E)	BITSTRING	1		FLAGS
2127	(84F)	ADDRESS	1		MESSAGE SUBPOOL
2128	(850)	ADDRESS	4		
2132	(854)	ADDRESS	4		
2136	(858)	ADDRESS	4		
2140	(85C)	ADDRESS	4		MESSAGE RETURN ADDRESS
2144	(860)	ADDRESS	4		RESVD
2148	(864)	ADDRESS	4		OFFSET TO RACF PARAMETER LIST
2152	(868)	SIGNED	4		SAF RETURN CODE
2156	(86C)	SIGNED	4		SAF REASON CODE
2160	(870)	ADDRESS	2		EXTENSION LENGTH
2162	(872)	ADDRESS	2		RESVD
2164	(874)	ADDRESS	4		RETURN DATA ADDRESS
2168	(878)	ADDRESS	4		FLAT PLIST ADDRESS
2172	(87C)	ADDRESS	4		
2176	(880)	ADDRESS	4		
2180	(884)	ADDRESS	4		PREVIOUS FLAT PLIST ADDRESS
2184	(888)	ADDRESS	4		NEXT FLAT PLIST ADDRESS
2188	(88C)	ADDRESS	4		ORIGINAL PLIST ADDRESS
2192	(890)	SIGNED	4		FLAT PLIST LENGTH
2196	(894)	ADDRESS	4		
2200	(898)	ADDRESS	4		
2204	(89C)	ADDRESS	4		
2208	(8A0)	ADDRESS	4		ASYNCHRONOUS ECB ADDRESS
2212	(8A4)	ADDRESS	4		USED IN VM ENVIRONMENT
2216	(8A8)	SIGNED	4	(0)	
2216	(8A8)	SIGNED	4	IHB0025C (0)	
2216	(8A8)	SIGNED	4	ICH0034A (0)	
2216	(8A8)	ADDRESS	2		LENGTH OF LIST IN BYTES

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
2218	(8AA)	BITSTRING	1		FUNCTION CODE FOR ICHRSV00
2219	(8AB)	ADDRESS	1		REQUEST TYPE
2220	(8AC)	ADDRESS	1		VERSION NUMBER
2221	(8AD)	BITSTRING	1		
2222	(8AE)	ADDRESS	2		OFFSET TO VARIABLE PART OF LIST
2224	(8B0)	ADDRESS	4		
2224	(8B0)	X'8B4'	0	ICH0034B	"*" END OF FIXED PART
2228	(8B4)	ADDRESS	4		
2232	(8B8)	ADDRESS	4		
2236	(8BC)	SIGNED	2	ICH0034C (0)	END OF PARAMETER LIST
2236	(8BC)	SIGNED	2	ICH0034D (0)	

Comment

---------- 04412SRA
Parameter list for RACROUTE (STAT), 04412SRA
---------- 04412SRA

End of Comment

Comment

SSTSTTL RACROUTE REQUEST=STAT, 04412SRAX

End of Comment

2112	(840)	SIGNED	4	NSSTSTTL (0)	
2112	(840)	X'840'	0	IHB0038A	"*"
2112	(840)	SIGNED	4		RACF OR INSTALL EXIT RETURN CODE
2116	(844)	SIGNED	4		RACF OR INSTALL EXIT REASON CODE
2120	(848)	ADDRESS	2		LENGTH OF LIST IN BYTES
2122	(84A)	ADDRESS	1		SET VER/REL FLAG TO 1.9 OR PREV
2123	(84B)	ADDRESS	1		RESERVED
2124	(84C)	ADDRESS	2		REQUEST BYTE
2126	(84E)	BITSTRING	1		FLAGS
2127	(84F)	ADDRESS	1		MESSAGE SUBPOOL
2128	(850)	ADDRESS	4		
2132	(854)	ADDRESS	4		
2136	(858)	ADDRESS	4		
2140	(85C)	ADDRESS	4		MESSAGE RETURN ADDRESS
2144	(860)	ADDRESS	4		RESVD
2148	(864)	ADDRESS	4		OFFSET TO RACF PARAMETER LIST
2152	(868)	SIGNED	4		SAF RETURN CODE
2156	(86C)	SIGNED	4		SAF REASON CODE
2160	(870)	ADDRESS	2		EXTENSION LENGTH
2162	(872)	ADDRESS	2		RESVD
2164	(874)	ADDRESS	4		RETURN DATA ADDRESS
2168	(878)	ADDRESS	4		FLAT PLIST ADDRESS
2172	(87C)	ADDRESS	4		
2176	(880)	ADDRESS	4		
2180	(884)	ADDRESS	4		PREVIOUS FLAT PLIST ADDRESS
2184	(888)	ADDRESS	4		NEXT FLAT PLIST ADDRESS
2188	(88C)	ADDRESS	4		ORIGINAL PLIST ADDRESS
2192	(890)	SIGNED	4		FLAT PLIST LENGTH
2196	(894)	ADDRESS	4		
2200	(898)	ADDRESS	4		
2204	(89C)	ADDRESS	4		
2208	(8A0)	ADDRESS	4		ASYNCHRONOUS ECB ADDRESS
2212	(8A4)	ADDRESS	4		USED IN VM ENVIRONMENT
2216	(8A8)	SIGNED	4	(0)	
2216	(8A8)	X'8A8'	0	IHB0038C	"*" SET ADDRESSIBILITY TO RACROUTE
2216	(8A8)	ADDRESS	4		ADDRESS OF CLASS PARAMETER
2220	(8AC)	ADDRESS	4		ADDRESS OF ENTRY PARAMETER
2224	(8B0)	SIGNED	2		PARAMETER LENGTH IN BYTES
2226	(8B2)	SIGNED	2		RESERVED

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

				Definitions for SDUMPX	

				End of Comment	
				Comment	
				SSTIDP SDUMPX MF=L, List form of SDUMPX	
				End of Comment	
2112	(840)	SIGNED	4	NSSTIDP (0)	SDUMP PARAMETER LIST
2112	(840)	ADDRESS	1		FLAG BYTE
2113	(841)	ADDRESS	1		FLAG BYTE
2114	(842)	ADDRESS	1		FLAG BYTE
2115	(843)	ADDRESS	1		FLAG BYTE
2116	(844)	ADDRESS	4		ADDRESS OF DCB
2120	(848)	ADDRESS	4		ADDRESS OF STORAGE LIST
2124	(84C)	ADDRESS	4		ADDRESS OF USER DATA
2128	(850)	ADDRESS	4		ADDRESS OF ECB/SRB
2132	(854)	ADDRESS	2		CURRENT ASID
2134	(856)	ADDRESS	2		OTHER ASID
2136	(858)	ADDRESS	4		ADDRESS OF ASID LIST
2140	(85C)	ADDRESS	4		ADDRESS OF SUMLIST/SUMLSTA LIST
2144	(860)	ADDRESS	4		RESERVED
2148	(864)	ADDRESS	4		RESERVED
2152	(868)	ADDRESS	1		FLAG BYTE
2153	(869)	ADDRESS	1		CONTROL FLAG BYTE
2154	(86A)	ADDRESS	1		TYPE FLAG BYTE
2155	(86B)	ADDRESS	1		VERSION
2156	(86C)	ADDRESS	1		EXIT FLAG BYTE
2157	(86D)	ADDRESS	1		EXIT FLAG BYTE
2158	(86E)	ADDRESS	1		SDATA OPTIONS
2159	(86F)	ADDRESS	1		RESERVED SDATA OPTIONS
2160	(870)	ADDRESS	4		ADDRESS OF SUBPLST
2164	(874)	ADDRESS	4		ADDRESS OF KEYLIST
2168	(878)	ADDRESS	4		RESERVED
2172	(87C)	ADDRESS	4		ALET OF DCB PARAMETER
2176	(880)	ADDRESS	4		ALET OF STORAGE PARAM
2180	(884)	ADDRESS	4		ALET OF HDR PARAMETER
2184	(888)	ADDRESS	4		ALET OF ASIDLST PARAM
2188	(88C)	ADDRESS	4		ALET OF SUMLIST PARAM
2192	(890)	ADDRESS	4		ALET OF SUBPLST PARAM
2196	(894)	ADDRESS	4		ALET OF KEYLIST PARAM
2200	(898)	ADDRESS	4		ADDRESS OF LISTD
2204	(89C)	ADDRESS	4		No ALET for LISTD/LIST64
2208	(8A0)	ADDRESS	4		No SUMLSTL or SUMLIST64
2212	(8A4)	ADDRESS	4		ALET SUMLSTL or SUMLIST64
2216	(8A8)	ADDRESS	4		No address for PSWREGS
2220	(8AC)	ADDRESS	4		No Alet for PSWREGS
2224	(8B0)	ADDRESS	4		ADDRESS OF SYMREC
2228	(8B4)	ADDRESS	4		ALET OF SYMREC
2232	(8B8)	ADDRESS	4		ADDRESS OF ID
2236	(8BC)	ADDRESS	4		ALET OF ID
2240	(8C0)	ADDRESS	4		ADDRESS FOR STRLIST
2244	(8C4)	ADDRESS	4		ALET OF STRLIST PARAM
2248	(8C8)	ADDRESS	4		ADDRESS FOR INTOKEN
2252	(8CC)	ADDRESS	4		ALET OF INTOKEN PARAM
2256	(8D0)	ADDRESS	4		ADDRESS FOR REMOTE
2260	(8D4)	ADDRESS	4		ALET OF REMOTE PARAM
2264	(8D8)	ADDRESS	4		ADDRESS FOR PROBDESC
2268	(8DC)	ADDRESS	4		ALET OF PROBDESC PARAM

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
2272	(8E0)	ADDRESS	4		ADDRESS FOR JOBLIST
2276	(8E4)	ADDRESS	4		ALET OF JOBLIST PARAM
2280	(8E8)	ADDRESS	4		ADDRESS FOR DSPLIST
2284	(8EC)	ADDRESS	4		ALET OF DSPLIST PARAM
2288	(8F0)	ADDRESS	1		SDUMP Control Flag values
2289	(8F1)	BITSTRING	7		RESERVED
2289	(8F1)	X'B8'	0	NSSTIDPL	"*-NSSTIDP" Length of SDUMPX MF=L
				Comment	

					Parameter list for IATXFIFO (used by socket tasks).

					$S0= TCPNJE HJS7730 040811 PD0RF: z 1.8.0
					, IATXFIFO MF=L
				End of Comment	
2112	(840)	SIGNED	4	NSSTFIFO (0)	IATXFIFO List Form
2112	(840)	ADDRESS	4		ELEMADDR pointer
2116	(844)	ADDRESS	4		DQELEM pointer
2120	(848)	ADDRESS	4		HEAD pointer
2124	(84C)	ADDRESS	4		TAIL pointer
2128	(850)	SIGNED	2		ELNEXT offset
2130	(852)	SIGNED	2		ELPREV offset
2132	(854)	ADDRESS	4		ECB pointer
2136	(858)	ADDRESS	4		ASCB pointer
2140	(85C)	SIGNED	4	(13)	Save area for R2-R14
				Comment	
					---------- 07643SVA
					Parameter list for IATXFIFO (used by communication 07643SVA task). 07643SVA
					---------- 07643SVA
					$S0= TCPNJE HJS7730 040811 PD0RF: z 1.8.0
					, IATXFIFO MF=L
				End of Comment	
2296	(8F8)	SIGNED	4	NSSTFIFC (0)	IATXFIFO List Form
2296	(8F8)	ADDRESS	4		ELEMADDR pointer
2300	(8FC)	ADDRESS	4		DQELEM pointer
2304	(900)	ADDRESS	4		HEAD pointer
2308	(904)	ADDRESS	4		TAIL pointer
2312	(908)	SIGNED	2		ELNEXT offset
2314	(90A)	SIGNED	2		ELPREV offset
2316	(90C)	ADDRESS	4		ECB pointer
2320	(910)	ADDRESS	4		ASCB pointer
2324	(914)	SIGNED	4	(13)	Save area for R2-R14
2376	(948)	SIGNED	4	NSSTSAVA (18)	Save area
2448	(990)	SIGNED	4	NSSTEXRC	EXTRACT return code
2452	(994)	SIGNED	4	NSSTEXRS	EXTRACT reason code
2456	(998)	SIGNED	4	NSSTENRC	ENCRYPT return code
2460	(99C)	SIGNED	4	NSSTENRS	ENCRYPT reason code
2464	(9A0)	CHARACTER	21	NSSTENTY (0)	Maximum room for entity
2464	(9A0)	CHARACTER	4	NSSTENJE	Fixed prefix ('NJE.')
2468	(9A4)	CHARACTER	8	NSSTEHOM	Entity home node
2476	(9AC)	CHARACTER	9	NSSTEVAR	Variable section for the adjacent node (some of NSSTEHOM will also be used if the home node is less than 8 characters)
2485	(9B5)	BITSTRING	0	NSSTENCA (0)	Temporary encryption output area (used for both the home and remote encryption)
2485	(9B5)	ADDRESS	1	NSSTENVL	Length of encryption value
2486	(9B6)	CHARACTER	8	NSSTENCO	Temporary ENCRYPT output
2494	(9BE)	CHARACTER	8	NSSTPENC	Random value read from remote node and encrypted
2502	(9C6)	CHARACTER	8	NSSTEVAL	Copy of home encrypted random string

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
2510	(9CE)	CHARACTER	8	NSSTEKEY	Encryption key
2518	(9D6)	CHARACTER	8	NSSTOKEY	Original copy of encryption key (NSSTEKEY gets changed by RACROUTE)

Comment

Parameter list for WTO.

SSTWTO WTO TEXT= - , Template for WTO (non-action)

End of Comment

2528	(9E0)	SIGNED	4	NSSTWTO (0)	
2528	(9E0)	ADDRESS	2		TEXT LENGTH
2530	(9E2)	BITSTRING	2		MCSFLAGS
2532	(9E4)	ADDRESS	4		MESSAGE TEXT ADDRESS
2536	(9E8)	ADDRESS	1		VERSION LEVEL
2537	(9E9)	BITSTRING	1		MISCELLANEOUS FLAGS
2538	(9EA)	ADDRESS	1		REPLY LENGTH
2539	(9EB)	ADDRESS	1		LENGTH OF WPX
2540	(9EC)	BITSTRING	2		EXTENDED MCS FLAGS
2542	(9EE)	ADDRESS	2		RESERVED
2544	(9F0)	ADDRESS	4		REPLY BUFFER ADDRESS
2548	(9F4)	ADDRESS	4		REPLY ECB ADDRESS
2552	(9F8)	ADDRESS	4		CONNECT ID
2556	(9FC)	BITSTRING	2		DESCRIPTOR CODES
2558	(9FE)	ADDRESS	2		RESERVED
2560	(A00)	BITSTRING	16		
2576	(A10)	BITSTRING	2		MESSAGE TYPE
2578	(A12)	ADDRESS	2		MESSAGE'S PRIORITY
2580	(A14)	CHARACTER	8		JOB ID
2588	(A1C)	CHARACTER	8		JOB NAME
2596	(A24)	CHARACTER	8		RETRIEVAL KEY
2604	(A2C)	ADDRESS	4		TOKEN FOR DOM
2608	(A30)	ADDRESS	4		CONSOLE ID
2612	(A34)	CHARACTER	8		SYSTEM NAME
2620	(A3C)	CHARACTER	8		CONSOLE NAME
2628	(A44)	ADDRESS	4		REPLY CONSOLE NAME/ID ADDR
2632	(A48)	ADDRESS	4		CART ADDRESS
2636	(A4C)	ADDRESS	4		WSPARM ADDRESS
2636	(A4C)	X'70'	0	WTOPLEN	"*-NSSTWTO" Parameter list length

Comment

Message text area

End of Comment

2640	(A50)	CHARACTER	122	NSSTWTTX	WTO text (len + 120 chars)
2764	(ACC)	SIGNED	4	NSSTSAVE (18)	Save area for init routine and server main task
2764	(ACC)	X'ACC'	0	NSSTSAV8	"NSSTSAVE,8,C'C'" Reuse 8 bytes of NSSTSAVE 07163SXA to use as work area for 07163SXA IATXPHEX 07163SXA
2836	(B14)	BITSTRING	1	NSSTEXIT	NTTXR sub task level exits

Comment

Recovery foot prints for sub task level exits.

End of Comment

....1		NSSTINIT	"X'01'" Subtask init
.... ..1.		NSSTTERM	"X'02'" Subtask term

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		11		NSSTRQST	"X'03'" Subtask request
		.... .1..		NSSTMESG	"X'04'" Subtask message
		.... .1.1		NSSTTRAC	"X'05'" Subtask trace
		.... .11.		NSINNCCR	"X'06'" Inbound NCC record
		.... .111		NSINNMRR	"X'07'" Inbound NMR record
		.... 1...		NSINSYIR	"X'08'" Inbound SYSIN record
		.... 1..1		NSINSYOR	"X'09'" Inbnd SYSOUT record
		.... 1.1.		NSOTSYIR	"X'0A'" Outbnd SYSIN record
		.... 1.11		NSOTSYOR	"X'0B'" Outbnd SYOUT record
		.... 11..		NSCONNRQ	"X'0C'" Connect request
2837	(B15)	BITSTRING	3	NSSTRS02	Reserved for IBM

Comment

Temporary address and length fields for storage areas to be released by recovery.

End of Comment

2840	(B18)	ADDRESS	4	NSSTSAD1	Temporary address field-1
2844	(B1C)	ADDRESS	4	NSSTSAD2	Temporary address field-2
2848	(B20)	ADDRESS	4	NSSTSAD3	Temporary address field-3
2852	(B24)	SIGNED	2	NSSTSLN1	Temporary length field-1
2854	(B26)	SIGNED	2	NSSTSLN2	Temporary length field-2
2856	(B28)	SIGNED	2	NSSTSLN3	Temporary length field-3
2858	(B2A)	SIGNED	2	NSSTSLN4	Temporary length field-4
2860	(B2C)	ADDRESS	4	NSSTSAD4	Temporary address field-4
2864	(B30)	SIGNED	4	NSSTRS09	Reserved for IBM
2868	(B34)	SIGNED	4	NSSTRS10	Reserved for IBM
2872	(B38)	SIGNED	4	NSSTRS11	Reserved for IBM
2876	(B3C)	SIGNED	4	NSSTRS12	Reserved for IBM
2880	(B40)	SIGNED	4	NSSTRS13	Reserved for IBM
2884	(B44)	SIGNED	4	NSSTRS14	Reserved for IBM
2888	(B48)	SIGNED	4	NSSTRS15	Reserved for IBM

Comment

Transmitters and receivers in socket.
For each socket, there are a maximum of
- up to 8 outbound device streams (8 transmitters)
- up to 8 inbound device streams (8 receivers)

The following contain definitions for each individual stream.

End of Comment

2896	(B50)	DBL WORD	8	(0)	Alignment for subsections
2896	(B50)	BITSTRING	2752	NSSTOUST (8)	Definitions for eight outbound streams
5648	(1610)	BITSTRING	1	NSSTINST (8)	Definitions for eight inbound streams
5648	(1610)	X'158'	0	NSSTOSSZ	"NSTRSIZE" Length of transmitter area
5648	(1610)	X'10C'	0	NSSTISSZ	"NSRVSIZE" Length of receiver area
7792	(1E70)	DBL WORD	8	NSSTEND (0)	End of NSST table
7792	(1E70)	X'1E70'	0	NSSTSIZE	"NSSTEND-NSSTSTRT" Size of NSST table

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	NSSTTRAN	Transmitter mapping DSECT
0	(0)	DBL WORD	8	NSTRSTRT (0)	Start of transmitter area
0	(0)	BITSTRING	1	NSTRRCB	Job transmitter RCB
1	(1)	BITSTRING	1	NSTRPLB	Prefix length balance while processing split network job control record
2	(2)	BITSTRING	2	NSTRRSV1	Reserved for IBM
4	(4)	ADDRESS	4	NSTRSSOB	SSOB address
8	(8)	ADDRESS	4	NSTRSSS2	SSS2 address

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
12	(C)	ADDRESS	4	NSTRBLK	Block spool. parm list addrs.
16	(10)	ADDRESS	4	NSTRUBUF	User data buffer address
20	(14)	ADDRESS	4	NSTRCURD	Current record address
24	(18)	ADDRESS	4	NSTRRECA	Record address to transmit
28	(1C)	BITSTRING	6	NSTRSPAD	Spool address of dataset
34	(22)	SIGNED	2	NSTRRECL	Record length to transmit
36	(24)	SIGNED	2	NSTRSPRL	Spool record length
38	(26)	SIGNED	2	NSTROLRL	Original LRECL
40	(28)	SIGNED	2	NSTRRMLN	Room left in current buffer
42	(2A)	BITSTRING	1	NSTRCCFL	Carriage control of the current record
		Comment			

		Definition for carriage control flag. This definition is a copy of the carriage control byte (DATCC) in IATYDAT.			

		End of Comment			
		1...		NSTRCPDS	"X'80'" Composed page data stream
		.1..		NSTRMAC	"X'40'" Machine carriage control
		..1.		NSTRASA	"X'20'" ASA carriage control
		...1		NSTROPCD	"X'10'" OPTCD = J
		.... 1...		NSTRSPLT	"X'08'" Split record indicator
		.... .1..		NSTRCON	"X'04'" Continuation indicator
		.... ..1.		NSTRSPAN	"X'02'" Spanned data indicator
		1		NSTRDATX	"X'01'" DATCC extension indicator
43	(2B)	BITSTRING	1	NSTRFLG1	Job transmitter flag 1
		Comment			

		Definition for job/sysout transmitter flag 1			

		End of Comment			
		1...		NSTRJOB	"X'80'" Job transmitter
		.1..		NSTRUSE	"X'40'" Transmitter in use
		..1.		NSTREROR	"X'20'" Error during xmit process
		...1		NSTRPOST	"X'10'" TSCT transmitter ECB posted 06767SVC
		.... 1...		NSTRACQ	"X'08'" ACQ accessed
		.... .1..		NSTRRCAN	"X'04'" Receiver cancel the job
		.... ..1.		NSTRJCAN	"X'02'" JES3 cancelled the job 07032SVC
		1		NSTRJDEL	"X'01'" Job delete request sent to 07032SVA JES3 07032SVA
44	(2C)	BITSTRING	1	NSTRFLG2	Job transmitter flag 2
		Comment			

		Definition for job/sysout transmitter flag 2			

		End of Comment			
		1...		NSTRREAD	"X'80'" Ready to read records
		.1..		NSTREOF	"X'40'" No more records in dataset
		..1.		NSTREOB	"X'20'" No more records in buffer
		...1		NSTREOJ	"X'10'" No more datasets in job
		.... 1...		NSTSPLIT	"X'08'" Split record under process
		.... .1..		NSTNJCDS	"X'04'" Network job control dataset (JH/DSH/JT) under process
		.... ..1.		NSTRNODS	"X'02'" No dataset found for job 07392SXC
		1		NSTRWCMP	"X'01'" Waiting for request compl.
45	(2D)	BITSTRING	1	NSTRFLG3	Job transmitter flag 3 06685SVC

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		---------- 06685SVA			
		Definition for job/sysout transmitter flag 3 06685SVA			
		---------- 06685SVA			
		End of Comment			
		1...		NSTRSJH	"X'80'" Job header was sent 16060T8C
		.1..		NSTRSDSH	"X'40'" Send dataset header 06685SVA
		..1.		NSTRSDS	"X'20'" Send sysin/sysout dataset 06685SVA
		...1		NSTRSJT	"X'10'" Send job trailer 06685SVA
		.... 1...		NSTRSAPI	"X'08'" Issued SAPI request 07083SVC
		.... .1..		NSTNJ304	"X'04'" Reserved for IBM 06685SVA
		.... ..1.		NSTRF302	"X'02'" Reserved for IBM 06685SVA
		1		NSTRF301	"X'01'" Reserved for IBM 06685SVA
46	(2E)	SIGNED	2	NSTRNJED (0)	NJE transaction data
		Comment			

		NJE transaction request for jobs/sysout			
		16060T8A			
		The NJETDATA structure must be kept in sync with 16060T8A			
		the fields beginning at NSTRNJED. A single MVCL 16060T8A			
		in IATNTTCT sets the following: 16060T8A			
		16060T8A			
		NJETLEN -> NSTRNJTL 16060T8A			
		NJETPRTY -> NSTRPRTY 16060T8A			
		NJETJBNO -> NSTRJBNO 16060T8A			
		NJETJBNM -> NSTRJBNM 16060T8A			
		NJETJOBI -> NSTRJOBI 16060T8A			
		NJETGRID -> NSTRGRID 16060T8A			
		NJETREQT -> NSTRREQT 16060T8A			
		NJETNODE -> NSTRNODE 16060T8A			
		16060T8A			

		End of Comment			
46	(2E)	BITSTRING	2	NSTRNJTL	Transaction length
48	(30)	BITSTRING	2	NSTRPRTY	Transaction priority
50	(32)	BITSTRING	4	NSTRJBNO	Binary job number
54	(36)	CHARACTER	8	NSTRJBNM	Job name
62	(3E)	CHARACTER	8	NSTRJOBI	Job identifier
70	(46)	CHARACTER	8	NSTRGRID	Group identifier
78	(4E)	CHARACTER	3	NSTRREQT	Transaction request type
81	(51)	CHARACTER	8	NSTRNODE	Destination node name
81	(51)	X'2B'	0	NSTRNJEL	"*-NSTRNJED" Size of NJE transaction
		Comment			
		---------- 16060T8C			
		End of fields that must be kept in sync with 16060T8C			
		NJETDATA. 16060T8C			
		---------- 16060T8A			
		End of Comment			
89	(59)	BITSTRING	1	NSTRBPRI	1byte binary job priority 16060T8A
92	(5C)	SIGNED	4	NSTRLCNT	Count lines sent 16060T8A
96	(60)	CHARACTER	8	NSTROWNN	Job owning user id 16060T8A
104	(68)	SIGNED	4	NSTRWRK4 (4)	Work area for TIME macro
120	(78)	DBL WORD	8	NSTRCHAR	Stream character count
128	(80)	CHARACTER	8	NSTRORGN	Origin node
136	(88)	BITSTRING	24	NSTRRSV2	Reserved for IBM

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- Embedded SMF 57 record ---------- , IATYNSM , SMF 57 record SMF RECORD TYPE 57 CHANGE ACTIVITY $T8=JES3SDSF HJS7780 101003 RD0JU: z 1.13.0	
				End of Comment	
160	(A0)	SIGNED	4	SMFNJRCD (0)	
160	(A0)	CHARACTER	2	SMFNJLEN	LENGTH OF RECORD
162	(A2)	CHARACTER	2	SMFNJDES	SEGMENT DESCRIPTOR
164	(A4)	CHARACTER	1	SMFNJFLG	HEADER FLAG BYTE
165	(A5)	CHARACTER	1	SMFNJRTY	RECORD TYPE
165	(A5)	X'39'	0	SMFNJRNM	"57" JES3 NJE SMF RECORD NUMBER
166	(A6)	CHARACTER	4	SMFNJTME	TOD FROM TIME MACRO (BINARY)
170	(AA)		4	SMFNJDTE	DATE FROM TIME MACRO (DECIMAL)
174	(AE)	CHARACTER	4	SMFSYSID	SYSTEM ID
178	(B2)	SIGNED	2	SMFSUBID	SUBSYSTEM ID 0005 FOR JES3
180	(B4)	SIGNED	2		RESERVED
182	(B6)	BITSTRING	2	SMFNJLRR	LENGTH OF FOLLOWING REC.
184	(B8)	CHARACTER	4	SMFNJETM	TOD FROM TIME MACRO (BINARY)
188	(BC)		4	SMFNJEDT	DATE FROM TIME MACRO (DECIMAL)
192	(C0)	CHARACTER	2	SMFNJIND	JOB TYPE INDICATOR
				Comment	
				DC CL2'JB' DATA WAS A JOB STREAM DC CL2'OP' DATA WAS SYSOUT DATA	
				End of Comment	
194	(C2)	CHARACTER	8	SMFNJNAM	JOB NAME
202	(CA)	CHARACTER	4	SMFNJNUM	IF JOB NUM > 9999 THEN CONTENTS OF SMFNJNUM WILL CONTAIN '0000'
206	(CE)	CHARACTER	4	SMFNJONM	Original job number
210	(D2)	CHARACTER	20	SMFNJPGM	PROGRAMMER NAME
230	(E6)	CHARACTER	8	SMFNJUSR	USER ID
238	(EE)	CHARACTER	8	SMFNJACT	NETWORK ACCOUNT NUMBER
246	(F6)	CHARACTER	8	SMFNJDPT	DEPARTMENT NUMBER
254	(FE)	CHARACTER	8	SMFNJBLD	BUILDING NUMBER
262	(106)	CHARACTER	8	SMFNJLOC	LOCATION
270	(10E)	CHARACTER	8	SMFNJORG	JOB ORIGIN
278	(116)	CHARACTER	8	SMFNJRMT	SECONDARY JOB ORIGIN
286	(11E)	CHARACTER	8	SMFNJXEQ	EXECUTION NODE
294	(126)	CHARACTER	8	SMFNJEXU	EXECUTION USERID
302	(12E)	CHARACTER	8	SMFNJDST	DESTINATION NODE
310	(136)	CHARACTER	8	SMFNJPTH	TRANSMISSION PATH
318	(13E)	CHARACTER	4	SMFNJRCT	RECORD COUNT
322	(142)	CHARACTER	4	SMFNJCNT	COMPRESSED BYTE COUNT
326	(146)	CHARACTER	4	SMFNJTRN	TRANSMISSION BUFFER COUNT
330	(14A)	CHARACTER	8	SMFNJJID	JOB ID
330	(14A)	X'152'	0	SMFNJEND	"*"
338	(152)	BITSTRING	1	SMFNJSIZ (0)	
344	(158)	DBL WORD	8	NSTREND (0)	End of transmitter area
344	(158)	X'158'	0	NSTRSIZE	"*-NSSTTRAN" Length of transmitter area

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	NSSTRECV	Receiver mapping DSECT
0	(0)	SIGNED	4	NSRSTRT (0)	
0	(0)	BITSTRING	1	NSRFLG1	Job receiver flag 1

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

		Definition for job/sysout receiver flag 1			

		End of Comment			
		1...		NSRUSE	"X'80'" Receiver in use
		.1..		NSRJOB	"X'40'" Job receiver
		..1.		NSRDSETO	"X'20'" Dataset allocated & opened
		...1		NSRERROR	"X'10'" Error in receiver job
		.... 1...		NSRSVERR	"X'08'" Severe error in receiver
		.... .1..		NSRLLOCK	"X'04'" Local lock held
		.... ..1.		NSRFL102	"X'02'" Reserved for IBM
		1		NSRFL101	"X'01'" Reserved for IBM
1	(1)	BITSTRING	1	NSRFLG2	Job receiver flag 2
		Comment			

		Definition for job/sysout receiver flag 2			

		End of Comment			
		1...		NSRJHRCV	"X'80'" Job header received
		.1..		NSRDSRCV	"X'40'" Actual dataset received
		..1.		NSRJTRCV	"X'20'" Job trailer received
		...1		NSRFL210	"X'10'" Reserved for IBM
		.... 1...		NSRFL208	"X'08'" Reserved for IBM
		.... .1..		NSRFL204	"X'04'" Reserved for IBM
		.... ..1.		NSRFL202	"X'02'" Reserved for IBM
		1		NSRFL201	"X'01'" Reserved for IBM
2	(2)	BITSTRING	1	NSRFLG3	Job receiver flag 3
		Comment			

		Definition for job receiver flag 3			

		End of Comment			
		1...		NSRRETRY	"X'80'" Retry to SSISERV the MJIB
		.1..		NSRFL340	"X'40'" Reserved for IBM
		..1.		NSRFL320	"X'20'" Reserved for IBM
		...1		NSRFL310	"X'10'" Reserved for IBM
		.... 1...		NSRFL308	"X'08'" Reserved for IBM
		.... .1..		NSRFL304	"X'04'" Reserved for IBM
		.... ..1.		NSRFL302	"X'02'" Reserved for IBM
		1		NSRFL301	"X'01'" Reserved for IBM
3	(3)	BITSTRING	1	NSROFLG1	Sysout specific flag 1
		Comment			

		Definition for NSROFLG1.			

		End of Comment			
		1...		NSRODSHR	"X'80'" Data set header received
		.1..		NSROCDSH	"X'40'" Consecutive DSH Receive
		..1.		NSRODSHI	"X'20'" DSH already inspected
		...1		NSROSTFP	"X'10'" Store and forward dataset
		.... 1...		NSROLOCP	"X'08'" Local dataset
		.... .1..		NSRODSHT	"X'04'" DSH security token found

Offsets Dec	Hex	Type/Value	Len	Name (Dec)	Description
		.... ..1.		NSROF102	"X'02'" Reserved for IBM
		1		NSROF101	"X'01'" Reserved for IBM
4	(4)	BITSTRING	1	NSROFLG2	Sysout specific flag 2

Comment

Definition for NSROFLG2.

End of Comment

		1...		NSROTUID	"X'80'" Remote TSO userid present
		.1..		NSROF240	"X'40'" Reserved for IBM
		..1.		NSROF220	"X'20'" Reserved for IBM
		...1		NSROF210	"X'10'" Reserved for IBM
		.... 1...		NSROF208	"X'08'" Reserved for IBM
		.... .1..		NSROF204	"X'04'" Reserved for IBM
		.... ..1.		NSROF202	"X'02'" Reserved for IBM
		1		NSROF201	"X'01'" Reserved for IBM
		1.11 1111		NSRBZERO	"X'BF'" Blank/zero test value
5	(5)	BITSTRING	1	NSRRCB	Record control byte
6	(6)	BITSTRING	1	NSRSRCB	Sub-record control byte
7	(7)	BITSTRING	1	NSROCCTL	Carriage control save area
8	(8)	SIGNED	4	NSRJNUM	Binary job number
12	(C)	SIGNED	2	NSRDLEN	Input buffer data length
14	(E)	SIGNED	2	NSRBDLN	Spool buffer data length
16	(10)	SIGNED	4	NSRDSCNT	Dataset count
20	(14)	SIGNED	2	NSRNJHLN	NJH record length
22	(16)	SIGNED	2	NSRNJTLN	NJT record length
24	(18)	SIGNED	2	NSRDSHL	DSH record length
26	(1A)	SIGNED	2	NSROINDX	Data file index
28	(1C)	SIGNED	2	NSRODSLN	Record length from DSH
30	(1E)	SIGNED	2	NSRJDSCT	JDS entry count
32	(20)	ADDRESS	4	NSRACB	ACB pointer
36	(24)	ADDRESS	4	NSRRPL	RPL pointer
40	(28)	ADDRESS	4	NSRDARP	Dynamic allocation request block pointer
44	(2C)	ADDRESS	4	NSROCPLP	OPEN/CLOSE parm list ptr.
48	(30)	ADDRESS	4	NSRDATA	Input buffer data pointer
52	(34)	ADDRESS	4	NSRBDAD	Spool buffer data pointer
56	(38)	ADDRESS	4	NSRNJHAD	NJH record address
60	(3C)	ADDRESS	4	NSRNJTAD	NJT record address
64	(40)	ADDRESS	4	NSRDSHAD	DSH record address
68	(44)	ADDRESS	4	NSRNFFAD	NFF record address
72	(48)	ADDRESS	4	NSRSDM	SDM address
76	(4C)	ADDRESS	4	NSRSBUFF	Intermediate spl buff addrs
76	(4C)	X'100'	0	NSRSBUFL	"256" Intermediate spl buff len
		.111 1111		NSRFSEQ	"X'7F'" First sequence indicator (x'80') minus one
		1...		NSRSEQ	"X'80'" Segment sequence indicator
80	(50)	ADDRESS	4	NSRSAVE	SDM save area address
80	(50)	X'C0'	0	SDMSIZE	"SDMMXSIZ+72" SDM parmlist + save area
84	(54)	ADDRESS	4	NSRDFRST	First dataset address
88	(58)	ADDRESS	4	NSRDCURR	Current dataset address
92	(5C)	ADDRESS	4	NSRNFFF	First NFF element address
96	(60)	ADDRESS	4	NSRNFFC	Current NFF element address
100	(64)	ADDRESS	4	NSRDSHF	First DSH element address
104	(68)	ADDRESS	4	NSRDSHC	Current DSH element address
108	(6C)	ADDRESS	4	NSRDSS	Work DSS address
112	(70)	ADDRESS	4	NSRDEB	Work DEB address
116	(74)	ADDRESS	4	NSRRAB	RAB address
120	(78)	ADDRESS	4	NSRMJIAD	MJIB address
124	(7C)	SIGNED	4	NSRMJISZ	MJIB size
128	(80)	CHARACTER	8	NSRTUSID	Remote TSO userid
136	(88)	CHARACTER	8	NSRDDNAM	Unique ddname (from TU)
144	(90)	BITSTRING	1	NSRPRTIC	Priority save (NJTGIOPR)
145	(91)	BITSTRING	1	NSRPRTID	Priority save (NJTGAOPR)

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
146	(92)	BITSTRING	6	NSRFSPL	First spool address
152	(98)	BITSTRING	6	NSRLSPL	Last spool address
158	(9E)	CHARACTER	8	NSRODDNM	DDNAME used to allocate ! ! sysout datasets ! ----------> NSROINDX in printable hex ----------> Characters "DS"
158	(9E)	X'A0'	0	NSRODDNU	"NSRODDNM+2,6" Number portion of DDNAME
166	(A6)	BITSTRING	82	NSROTKNS	Security token save area
248	(F8)	SIGNED	4	NSRBYTES	Data set byte count
252	(FC)	SIGNED	4	NSRLNCNT	Count of lines received 16060T8A
256	(100)	SIGNED	4	NSRRSV1 (3)	Reserved for IBM 16060T8C
268	(10C)	SIGNED	4	NSREND (0)	
268	(10C)	X'10C'	0	NSRVSIZE	"*-NSSTRECV" Length of receiver area

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	NSRDDQ	
0	(0)	CHARACTER	4	NSRDDID	Eye catcher
4	(4)	BITSTRING	1	NSRDDFLG	DDQ flag byte

Comment

Definition for NSRDDFLG.

End of Comment

		1...		NSRDDALC	"X'80'" Dataset already deallocated
		.1..		NSRDFL40	"X'40'" Reserved for IBM
		..1.		NSRDFL20	"X'20'" Reserved for IBM
		...1		NSRDFL10	"X'10'" Reserved for IBM
		.... 1...		NSRDFL08	"X'08'" Reserved for IBM
		.... .1..		NSRDFL04	"X'04'" Reserved for IBM
		.... ..1.		NSRDFL02	"X'02'" Reserved for IBM
		1		NSRDFL01	"X'01'" Reserved for IBM
5	(5)	BITSTRING	3	NSRDDRSV	Reserved for IBM
8	(8)	ADDRESS	4	NSRDDNXT	Next dataset definition element address
12	(C)	CHARACTER	8	NSRDDNM	Dataset name
20	(14)	ADDRESS	4	NSRDDSS	DSS address
24	(18)	ADDRESS	4	NSRDDEB	DEB address
24	(18)	X'1C'	0	NSRDDSZ	"*-NSRDDQ" Size of dataset definition element.

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	NSRNFF	
0	(0)	CHARACTER	4	NSRNFFID	Eye catcher
4	(4)	ADDRESS	4	NSRNFFNX	Next NFF record element address
4	(4)	X'8'	0	NSRNFFPF	"*-NSRNFF" NFF prefix length
8	(8)	SIGNED	2	NSRNFFDT (0)	NFF data

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	NSRDSH	
0	(0)	CHARACTER	4	NSRDSHID	Eye catcher
4	(4)	ADDRESS	4	NSRDSHNX	Next DSH record element address
8	(8)	SIGNED	2	NSRDSHLN	DSH record length
8	(8)	X'A'	0	NSRDSHPF	"*-NSRDSH" DSH prefix length
10	(A)	SIGNED	2	NSRDSHDT (0)	DSH data

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	NSRDATU	
0	(0)	SIGNED	4	NSRATUPL (0)	

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

				Dynamic Allocation text unit pointers	

				End of Comment	
0	(0)	ADDRESS	4	NSRATDDP	DDNAME allocation text ptr
4	(4)	ADDRESS	4	NSRATSOP	Sysout class key pointer
8	(8)	ADDRESS	4	NSRATPGP	Sysout program name pointer
				Comment	

				Dynamic Allocation text units	

				End of Comment	
12	(C)	SIGNED	2	NSRATDDN (0)	
12	(C)	ADDRESS	2		DDNAME text unit key
14	(E)	ADDRESS	2		Parameter count
16	(10)	ADDRESS	2		DDNAME parameter length
18	(12)	CHARACTER	8	NSRADDN	Unique DDNAME
26	(1A)	SIGNED	2	NSRATSOU (0)	
26	(1A)	ADDRESS	2		Sysout class TU key
28	(1C)	ADDRESS	2		Parameter count
30	(1E)	SIGNED	2	NSRATPGN (0)	
30	(1E)	ADDRESS	2		Sysout pgm name TU key
32	(20)	ADDRESS	2		Parameter count
34	(22)	ADDRESS	2		Pgm name parameter length
36	(24)	CHARACTER	6	NSRAPGN	Program name
42	(2A)	BITSTRING	4	NSRARSV2	Reserved for IBM
42	(2A)	X'2E'	0	NSRATUSZ	"*-NSRATUPL" Size of text unit parameter list
42	(2A)	X'14'	0	NSRRBLEN	"(S99RBEND-S99RB)" Length of DYNALLOC RB
42	(2A)	X'42'	0	NSRDPRML	"NSRRBLEN+NSRATUSZ" DYNALLOC total parm length
				Comment	

				OPEN/CLOSE parameter list	

				End of Comment	
48	(30)	SIGNED	4	OPNCLSPL (0)	ALIGN LIST TO WORD
48	(30)	ADDRESS	1		Option byte
49	(31)	ADDRESS	3		DCB or ACB address
49	(31)	X'4'	0	OPCLPLSZ	"*-OPNCLSPL"

IATYNSST Cross Reference

Name

ICH0016A
ICH0016B
ICH0016C
ICH0016D
ICH0034A

ICH0034B
ICH0034C
ICH0034D
IHB0007A
IHB0007C

IHB0025A
IHB0025C
IHB0038A
IHB0038C
NSCONNRQ

NSINNCCR
NSINNMRR
NSINSYIR
NSINSYOR
NSOTSYIR

NSOTSYOR
NSRACB
NSRADDN
NSRAPGN
NSRARSV2

NSRATDDN
NSRATDDP
NSRATPGN
NSRATPGP
NSRATSOP

NSRATSOU
NSRATUPL
NSRATUSZ
NSRBDAD
NSRBDLN

NSRBYTES
NSRBZERO
NSRDARP
NSRDATA
NSRDATU

NSRDCURR
NSRDDALC
NSRDDEB
NSRDDFLG
NSRDDID

NSRDDNAM
NSRDDNM
NSRDDNXT
NSRDDQ
NSRDDRSV

NSRDDSS
NSRDDSZ
NSRDEB
NSRDFL01
NSRDFL02

Name

NSRDFL04
NSRDFL08
NSRDFL10
NSRDFL20
NSRDFL40

NSRDFRST
NSRDLEN
NSRDPRML
NSRDSCNT
NSRDSETO

NSRDSH
NSRDSHAD
NSRDSHC
NSRDSHDT
NSRDSHF

NSRDSHID
NSRDSHL
NSRDSHLN
NSRDSHNX
NSRDSHPF

NSRDSRCV
NSRDSS
NSREND
NSRERROR
NSRFLG1

NSRFLG2
NSRFLG3
NSRFL101
NSRFL102
NSRFL201

NSRFL202
NSRFL204
NSRFL208
NSRFL210
NSRFL301

NSRFL302
NSRFL304
NSRFL308
NSRFL310
NSRFL320

NSRFL340
NSRFSEQ
NSRFSPL
NSRJDSCT
NSRJHRCV

NSRJNUM
NSRJOB
NSRJTRCV
NSRLLOCK
NSRLNCNT

NSRLSPL
NSRMJIAD
NSRMJISZ
NSRNFF
NSRNFFAD

NSRNFFC
NSRNFFDT
NSRNFFF
NSRNFFID
NSRNFFNX

Name

NSRNFFPF
NSRNJHAD
NSRNJHLN
NSRNJTAD
NSRNJTLN

NSROCCTL
NSROCDSH
NSROCPLP
NSRODDNM
NSRODDNU

NSRODSHI
NSRODSHR
NSRODSHT
NSRODSLN
NSROFLG1

NSROFLG2
NSROF101
NSROF102
NSROF201
NSROF202

NSROF204
NSROF208
NSROF210
NSROF220
NSROF240

NSROINDX
NSROLOCP
NSROSTFP
NSROTKNS
NSROTUID

NSRPRTIC
NSRPRTID
NSRRAB
NSRRBLEN
NSRRCB

NSRRETRY
NSRRPL
NSRRSV1
NSRSAVE
NSRSBUFF

NSRSBUFL
NSRSDM
NSRSEQ
NSRSRCB
NSRSTRT

NSRSVERR
NSRTUSID
NSRUSE
NSRVSIZE
NSSDECBL

NSSDSTID
NSSDSTMC
NSSDSTMS
NSSDTECB
NSSESTAE

NSSESTLN
NSSTABND
NSSTBFSZ
NSSTCPDS
NSSTCVER

Name

NSSTDDNM
NSSTDDNU
NSSTDECB
NSSTEHOM
NSSTEKEY
NSSTENCA
NSSTENCL
NSSTENCO
NSSTEND
NSSTENJE
NSSTENRC
NSSTENRS
NSSTENTY
NSSTENVL
NSSTEVAL
NSSTEVAR
NSSTEXIT
NSSTEXRC
NSSTEXRS
NSSTEXTL
NSSTFEAT
NSSTFIFC
NSSTFIFO
NSSTFLG1
NSSTFLG2
NSSTF201
NSSTF202
NSSTID
NSSTIDP
NSSTIDPL
NSSTINIT
NSSTINST
NSSTISSZ
NSSTJRCV
NSSTJTRN
NSSTJTUC
NSSTMESG
NSSTNAME
NSSTNEXT
NSSTNJEA
NSSTNODE
NSSTNOPS
NSSTNSCT
NSSTOKEY
NSSTORCV
NSSTOSSZ
NSSTOTRN
NSSTOTUC
NSSTOUST
NSSTPENC
NSSTPINT
NSSTPREV
NSSTQUED
NSSTRA8
NSSTRA9
NSSTRB8
NSSTRB9
NSSTRCAN
NSSTRCMP
NSSTRC8

Name

NSSTRC9
NSSTRD8
NSSTRD9
NSSTRECV
NSSTREJT
NSSTRE8
NSSTRE9
NSSTRF8
NSSTRF9
NSSTRINT
NSSTRLSE
NSSTRQST
NSSTRS01
NSSTRS02
NSSTRS09
NSSTRS10
NSSTRS11
NSSTRS12
NSSTRS13
NSSTRS14
NSSTRS15
NSSTRS16
NSSTR98
NSSTR99
NSSTSAD1
NSSTSAD2
NSSTSAD3
NSSTSAD4
NSSTSASA
NSSTSAVA
NSSTSAVE
NSSTSAV8
NSSTSDSH
NSSTSEC
NSSTSELB
NSSTSEOF
NSSTSIZE
NSSTSJH
NSSTSJT
NSSTSLN1
NSSTSLN2
NSSTSLN3
NSSTSLN4
NSSTSMAC
NSSTSNOC
NSSTSPDX
NSSTSTAC
NSSTSTNO
NSSTSTRT
NSSTSTTL
NSSTTCAN
NSSTTERM
NSSTTKXR
NSSTTPRM
NSSTTRAC
NSSTTRAN
NSSTTSCT
NSSTTTOK
NSSTVER
NSSTVR01

Name

NSSTWORK
NSSTWTO
NSSTWTTX
NSTNJCDS
NSTNJ304

NSTRACQ
NSTRASA
NSTRBLK
NSTRBPRI
NSTRCCFL

NSTRCHAR
NSTRCON
NSTRCPDS
NSTRCURD
NSTRDATX

NSTREND
NSTREOB
NSTREOF
NSTREOJ
NSTREROR

NSTRFLG1
NSTRFLG2
NSTRFLG3
NSTRF301
NSTRF302

NSTRGRID
NSTRJBNM
NSTRJBNO
NSTRJCAN
NSTRJDEL

NSTRJOB
NSTRJOBI
NSTRLCNT
NSTRMAC
NSTRNJED

NSTRNJEL
NSTRNJTL
NSTRNODE
NSTRNODS
NSTROLRL

NSTROPCD
NSTRORGN
NSTROWNN
NSTRPLB
NSTRPOST

NSTRPRTY
NSTRRCAN
NSTRRCB
NSTRREAD
NSTRRECA

NSTRRECL
NSTRREQT
NSTRRMLN
NSTRRSV1
NSTRRSV2

NSTRSAPI
NSTRSDS
NSTRSDSH
NSTRSIZE
NSTRSJH

Name

NSTRSJT
NSTRSPAD
NSTRSPAN
NSTRSPLT
NSTRSPRL

NSTRSSOB
NSTRSSS2
NSTRSTRT
NSTRUBUF
NSTRUSE

NSTRWCMP
NSTRWRK4
NSTSPLIT
OPCLPLSZ
OPNCLSPL

SDMSIZE
SMFNJACT
SMFNJBLD
SMFNJCNT
SMFNJDES

SMFNJDPT
SMFNJDST
SMFNJDTE
SMFNJEDT
SMFNJEND

SMFNJETM
SMFNJEXU
SMFNJFLG
SMFNJIND
SMFNJJID

SMFNJLEN
SMFNJLOC
SMFNJLRR
SMFNJNAM
SMFNJNUM

SMFNJONM
SMFNJORG
SMFNJPGM
SMFNJPTH
SMFNJRCD

SMFNJRCT
SMFNJRMT
SMFNJRNM
SMFNJRTY
SMFNJSIZ

SMFNJTME
SMFNJTRN
SMFNJUSR
SMFNJXEQ
SMFSUBID

SMFSYSID
WTOPLEN

IATYNTSV Information

IATYNTSV Heading Information

Common Name: TCPIP NETSERV Definition
Macro ID: IATYNTSV
DSECT Name: NTSVSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: NTSV
Offset: 0
Length: 4
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 0
Data Space: None
Size: NTSVSIZE bytes
Created by: IATINNSV
Pointed to by: Imbedded in IATYSUP immediately following SUPFEND.
As Intermediate Text, local within IATINNSV.
Serialization: None
Function: This macro maps the TCPIP NJE NETSERV definition.

IATYNTSV Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	NTSVSTRT	,
0	(0)	CHARACTER	6	NTSVEYE	Eye catcher
6	(6)	SIGNED	2	NTSVLEN	Length of NETSERV entry
8	(8)	ADDRESS	1	NTSVVER	Version number
8	(8)	X'1'	0	NTSVIVER	"1" Initial version
8	(8)	X'1'	0	NTSVCVER	"NTSVIVER" Current version
9	(9)	ADDRESS	3	NTSVRSV1	Reserved for IBM
12	(C)	CHARACTER	8	NTSVNAME	Net server name
20	(14)	CHARACTER	8	NTSVSTAK	Stack name
28	(1C)	CHARACTER	8	NTSVSYSN	System name where NETSERV runs
		Comment			

		A shorter definition is used for dump formatting only. This is needed because ABNLNLEN in IATYABN is limited to 132 characters.			

		End of Comment			
36	(24)	CHARACTER	114	NTSVHST (0)	Host for dump formatting
36	(24)	CHARACTER	255	NTSVHOST	Host name
291	(123)	ADDRESS	1	NTSVRSV4	Reserved for IBM
292	(124)	ADDRESS	2	NTSVPORT	Port number
294	(126)	BITSTRING	16	NTSVRSV5	Resrved for IBM
312	(138)	ADDRESS	4	NTSVFSOC	First socket
316	(13C)	ADDRESS	4	NTSVLSOC	Last socket
320	(140)	ADDRESS	4	NTSVMAIN	Pointer to MAINPROC for NTSVSYSN
324	(144)	BITSTRING	1	NTSVFLG1	Flags
		1...		NTSVIPL	"X'80'" NETSERV was IPLed 06609SVC
		.1..		NTSVACTV	"X'40'" NETSERV is active
		..1.		NTSVJTRC	"X'20'" JES tracing in effect
		...1		NTSVVTRC	"X'10'" Verbose tracing in effect
		.... 1...		NTSVITRC	"X'08'" Internal tracing in effect
		.... .1..		NTSVDFGB	"X'04'" System defaults to global
		.... ..1.		NTSVF102	"X'02'" Reserved for IBM
		1		NTSVF101	"X'01'" Reserved for IBM
324	(144)	X'38'	0	NTSVTRAC	"NTSVJTRC+NTSVVTRC+NTSVITRC" Any tracing

IATYNTSV Cross Reference

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
325	(145)	BITSTRING	1	NTSVFLG2	Netserv Flag 2
		1...		NTSVCANC	"X'80'" Netserv under cancel process
		.1..		NTSVCAND	"X'40'" Netserv node cancel issued
		..1.		NTSVF220	"X'20'" Reserved for IBM
		...1		NTSVF210	"X'10'" Reserved for IBM
		.... 1...		NTSVF208	"X'08'" Reserved for IBM
		.... .1..		NTSVF204	"X'04'" Reserved for IBM
		.... ..1.		NTSVF202	"X'02'" Reserved for IBM
		1		NTSVF201	"X'01'" Reserved for IBM
326	(146)	SIGNED	2	NTSVASID	NETSERV ASID
328	(148)	ADDRESS	4	NTSVFCT	Active TCP FCT address
332	(14C)	ADDRESS	4	NTSVTCPA	Active IATYTCP data CSECT
336	(150)	SIGNED	4	NTSVJBNO	NETSERV job number
340	(154)	ADDRESS	4	NTSVRQ	NETSERV RQ pointer
344	(158)	CHARACTER	8	NTSVRSV2	Reserved for IBM
352	(160)	SIGNED	4	NTSVRSV3 (6)	Reserved for IBM
376	(178)	SIGNED	4	NTSVEND (0)	End of NETSERV entry
376	(178)	X'178'	0	NTSVSIZE	"NTSVEND-NTSVSTRT" Size of NETSERV entry

IATYNTSV Cross Reference

Name

NTSVACTV
NTSVASID
NTSVCANC
NTSVCAND
NTSVCVER

NTSVDFGB
NTSVEND
NTSVEYE
NTSVFCT
NTSVFLG1

NTSVFLG2
NTSVFSOC
NTSVF101
NTSVF102
NTSVF201

NTSVF202
NTSVF204
NTSVF208
NTSVF210
NTSVF220

NTSVHOST
NTSVHST
NTSVIPL
NTSVITRC
NTSVIVER

NTSVJBNO
NTSVJTRC
NTSVLEN
NTSVLSOC
NTSVMAIN

NTSVNAME
NTSVPORT
NTSVRQ
NTSVRSV1
NTSVRSV2

Name
NTSVRSV3
NTSVRSV4
NTSVRSV5
NTSVSIZE
NTSVSTAK
NTSVSTRT
NTSVSYSN
NTSVTCPA
NTSVTRAC
NTSVVER
NTSVVTRC

IATYNUCM Information

IATYNUCM Heading Information

Common Name: IATNUC Map Entry
Macro ID: IATYNUCM
DSECT Name: NUCMSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 1
Size: NUCMSIZE bytes
Created by: IATGRVT
IATGRVTF
Pointed to by: AASPMAP in IATYTVT
Serialization: None
Function: This macro is used to generate (and map) the IATNUC (Nuc) map entries. Each Nuc map entry contains the following information about modules/CSECTs in the JES3 or C/I FSS nucleus:
-- The name of the module/CSECT
-- The address of the module/CSECT
-- For modules, whether the module can be refreshed via a *MODIFY,X,M=modname,REFRESH command.

IATYNUCM Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0		
0	(0)	CHARACTER	8		Module/CSECT name
8	(8)	ADDRESS	4		"V(NUCM)" Module/CSECT address
12	(C)	ADDRESS	1		Option flag
13	(D)	BITSTRING	3		Reserved for development

IATYNWR Information

IATYNWR Programming Interface information

Programming Interface information

IATYNWR

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

- WRCMPRSA
- WRDCNTDH
- WRDCNTHT
- WRDNTHT

End of Programming Interface information

IATYNWR Heading Information

Common Name: OUTPUT SERVICE NETWORKING DATA AREA
Macro ID: IATYNWR
DSECT Name: WRDATA
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: JES3 PRIVATE AREA
Auxiliary Storage: N/A
Size: 3688 Bytes
Created by: IATOSBP
IATOSNT
Pointed to by: ANWR IN IATOSNJ (IATYNOD)
OSAPNWR IN IATOSBP (IATYOSA)
R13 IN IATOSNT
Serialization: None
Function: THIS IS THE MAPPING OF THE OUTPUT SERVICE NETWORKING WORK AREA. IT CONTAINS CONSTANTS, ADDRESSES AND WORK AREAS FOR USE BY NETWORKING FUNCTIONS WITHIN OUTPUT SERVICE.

IATYNWR Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	WRDATA	
0	(0)	DBL WORD	8	WRDWORK	DOUBLEWORD WORK AREA D016
				Comment	

				AREAS FOR BUILDING NEW UTILITY JOB CONTROL BLOCKS	

				End of Comment	
8	(8)	DBL WORD	8	(0)	
8	(8)	BITSTRING	680	WRJCTBLD	NJESND JCT ENTRY
688	(2B0)	DBL WORD	8	(0)	
688	(2B0)	BITSTRING	256	WRDSBUFF	INTERMEDIATE SPOOLING BUFFER
944	(3B0)	BITSTRING	32	WRHDRFDB	FDB OF NETWORK HEADER
976	(3D0)	BITSTRING	32	WRTRLFDB	FDB OF NETWORK TRAILER
1008	(3F0)	BITSTRING	32	WRDSHFDB	FDB OF DATASET HEADER
1040	(410)	BITSTRING	28	WRTATFDB	DATASET TAT FDB (DSISO) FOR: JOB HEADER DATASET HEADER JOB TRAILER
1068	(42C)	BITSTRING	28	WRJOBTAT	JOBTAT FDB FOR NJESND JOB
1096	(448)	BITSTRING	32	WRXDSFDB	MRF FDB FOR A TRAN DATA SET
1128	(468)	CHARACTER	16	WRDDNAME	PROCNAME, STEPNAME QUALIFIE
1144	(478)	CHARACTER	8	WRDDNM	DDNAME PARM USED BY JDSGET
				Comment	

				THE FOLLOWING FIELDS ARE USED FOR NETWORKING JOB GROUPING. GROUP BY DESTINATION, USERID AND SECURITY LABEL.	

				End of Comment	
1152	(480)	CHARACTER	8	WRDEST	NODE NAME FOR GROUPING
1160	(488)	CHARACTER	8	WRUSRID	USERID FOR GROUPING
1168	(490)	CHARACTER	8	WRSECBL	SECURITY LABEL FOR GROUPING
1176	(498)	SIGNED	4	WRINJDS (2)	REG SAVEAREA TOP OF INPUT JDS AND PTR TO LST USED ENT
1184	(4A0)	SIGNED	4	WRJDAB@ (2)	REG SAVEAREA FOR TOP OF INP JDAB AND PNTR TO A JDAB S.E
1192	(4A8)	SIGNED	4	WRRSAVE (13)	SUBROUTINE REG SAVE AREA D016
1244	(4DC)	SIGNED	4	WRREG14	REGISTER 14 SAVE AREA

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1248	(4E0)	SIGNED	4	WRJOBX	New job no. for NJESND job
1252	(4E4)	SIGNED	4	WRBINJNO	Binary application job no.
1256	(4E8)	CHARACTER	8	WRJOBEBC	JOB ID, NUM EQUIV TO WRJOBX
1264	(4F0)	CHARACTER	8	WRCURNAM	CURRENT TRANSACTION NAME
1272	(4F8)	SIGNED	4	WRCMPRSA	COMPRESSION ROUT ENTRY POINT
1276	(4FC)	CHARACTER	256	WRWORKAR	COMPRESSION ROUT WORK AREA
1532	(5FC)	SIGNED	4	WRWKAREA (20)	USER EXIT 39/43 WORK AREA
1612	(64C)	CHARACTER	428	WRJDSJH	JDS ENTRY FOR JOB HEADER
2040	(7F8)	CHARACTER	428	WRJDSJT	JDS ENTRY FOR JOB TRAILER
2468	(9A4)	CHARACTER	428	WRJDSDSH	JDS ENTRY FOR DATASET HEADER
2896	(B50)	SIGNED	4	WRJHNOTE	JOB HEADER JDS NOTE POINTER
2900	(B54)	SIGNED	4	WRJTNOTE	JOB TRAILER JDS NOTE POINTER
2904	(B58)	BITSTRING	44	WRDCNTDH	COMMUNICATIONS LIST FOR NTDH
2948	(B84)	BITSTRING	128	WRDCNTHT	COMMUNICATIONS LIST FOR NTHT
3076	(C04)	SIGNED	4	WRDNTHT	ADDRESS OF IATNTHT
3080	(C08)	SIGNED	4	WRDNJH	POINTER TO NJH FOR IATOSNT
3084	(C0C)	SIGNED	4	WRDNJT	POINTER TO NJT FOR IATOSNT
3088	(C10)	ADDRESS	4	WRDSEC	POINTER TO SECURITY CHECK CONTROL BLOCK
3092	(C14)	CHARACTER	8	WRDJDVT	JDVT NAME
3100	(C1C)	SIGNED	4	WRDRSVD1 (10)	RESERVED FOR DEVELOPMENT 0513
3140	(C44)	CHARACTER	8	WREUSRID	TSO USERID FROM JMR NJEUSRID
3148	(C4C)	SIGNED	4	WRCOMP	Job completion indicator
3152	(C50)	SIGNED	4	WRTIMON	Job entry time
3156	(C54)	SIGNED	4	WRDATON	Job entry date
3160	(C58)	SIGNED	4	WRDRSVS1 (7)	RESERVED FOR SERVICE
3188	(C74)	SIGNED	4	WRDRSVU1 (10)	RESERVED FOR USER 0513

Comment

THE FOLLOWING EQUATES ARE USED FOR JOB HEADER,
DATASET HEADER AND JOB TRAILER SEGMENT BUILDING.

End of Comment

1...	WRDNOSEQ	"X'80'" NO MORE HEADER/TRAILER SEGMENTS
.111 1111	WRDSTSEQ	"X'7F'" STARTING SEQUENCE VALUE

Comment

STORAGE POINTERS TO CONTROL BLOCKS BUILT FOR NJESND
UTILITY JOB.

End of Comment

3228	(C9C)	SIGNED	4	WROUTJCT	PNTR NEW JCT ENT FOR NJESND
3232	(CA0)	SIGNED	4	WROUTJDA	PNTR NEW JDAB FOR NJESND
3236	(CA4)	SIGNED	4	WROUTJDS	PNTR TO NEW JDS BEING BUILT
3240	(CA8)	SIGNED	4	WROUTJMR	PNTR TO NEW JMR BEING BUILT
3244	(CAC)	SIGNED	2	WRBLBSIZ	TRANS BFR SIZE FRM RMTENTRY
3246	(CAE)	SIGNED	2	WRDRSVS2	RESERVED FOR SERVICE D016

Comment

THESE PARAMETERS ARE SAVED FROM THE INPUT JDAB FOR
NETWORKING HEADER/TRAILER.

End of Comment

3248	(CB0)	CHARACTER	8	WRJOBNM	JDAB JOBNAME
3256	(CB8)	CHARACTER	8	WRJOBNO	JDAB JOB ID
3264	(CC0)	CHARACTER	8	WRORGND	JDAB ORIGIN GROUP NAME
3272	(CC8)	CHARACTER	8	WRORGRM	JDAB SECONDARY ORIGIN NAME

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
3280	(CD0)	CHARACTER	8	WRONODE	JDAB JOB OWNER NODE NAME
3288	(CD8)	CHARACTER	8	WROUSER	JDAB JOB OWNER USERID
3296	(CE0)	CHARACTER	8	WRGROUP	JDAB JOB OWNER GROUP NAME
3304	(CE8)	CHARACTER	8	WRSNODE	JDAB SUBMITTOR NODE NAME
3312	(CF0)	CHARACTER	8	WRSUSER	JDAB SUBMITTOR USERID
3320	(CF8)	CHARACTER	8	WRRNODE	JDAB REPORT TO NODE NAME
3328	(D00)	CHARACTER	8	WRRUSER	JDAB REPORT TO USERID
3336	(D08)	CHARACTER	1	WRJOBQU	JDAB ORIGIN QUALIFIER
3337	(D09)	BITSTRING	1	WRJDNJE1	JDAB NJE FLAG 1 D016
3338	(D0A)	BITSTRING	1	WRJDNJE2	JDAB NJE FLAG 2 D016
3339	(D0B)	BITSTRING	1	WRMSGCLS	Message Class(from JMR)
3340	(D0C)	BITSTRING	1	WRJDBFL1	JDABFLG1
3341	(D0D)	BITSTRING	1	WRJDBFL2	JDABFLG2
3342	(D0E)	BITSTRING	1	WRJDBFL3	JDABFLG3
3343	(D0F)	BITSTRING	1	WRJDBFL4	JDABFLG4
3344	(D10)	CHARACTER	8	WRJDBMNM	JDAB Main name for the job 18620TAA

Comment

THESE PARAMETERS ARE SAVED FROM THE INPUT JMR FOR
NETWORKING HEADER/TRAILER.

End of Comment

3352	(D18)	CHARACTER	8	WRIPTGRP	INPUT GROUP NAME
3360	(D20)	CHARACTER	8	WRIPTDEV	INPUT DEVICE NAME
3368	(D28)	CHARACTER	8	WRHDJBNM	ORIGINAL JOB NAME
3376	(D30)	CHARACTER	8	WRACCTNO	NETWORK ACCOUNT NUMBER
3384	(D38)	SIGNED	4	WRESTLIN	ESTIMATED LINES
3388	(D3C)	SIGNED	4	WRESTCRD	ESTIMATED CARDS
3392	(D40)	SIGNED	4	WRESTPAG	ESTIMATED PAGES
3396	(D44)	SIGNED	4	WRESTBYT	ESTIMATED BYTES
3400	(D48)	SIGNED	4	WRACTLIN	ACTUAL LINES
3404	(D4C)	SIGNED	4	WRACTCRD	ACTUAL CARDS
3408	(D50)	SIGNED	4	WRACTPAG	ACTUAL PAGES
3412	(D54)	SIGNED	4	WRACTBYT	ACTUAL BYTES
3416	(D58)	CHARACTER	20	WRPROGNM	APPL PROGRAMMER'S NAME
3436	(D6C)	CHARACTER	8	WRROOM	APPL PROGRAMMER'S ROOM NO.
3444	(D74)	CHARACTER	8	WRDEPT	DEPT NO.
3452	(D7C)	CHARACTER	8	WRBLDG	BLDING NO
3460	(D84)	CHARACTER	8	WRXEQN	EXECUTION NODE
3468	(D8C)	CHARACTER	8	WRXEQU	EXECUTION USERID
3476	(D94)	CHARACTER	4	WROJBNO	Original job number
3480	(D98)	BITSTRING	1	WRJCLASS	JOB EXECUTION CLASS
3481	(D99)	BITSTRING	1	WRJOBPTY	PRTY FROM OUTSERV RSQUE ENT

Comment

---------- 0

DEFINITION OF WRSTATUS 0

---------- 0

End of Comment

3482	(D9A)	BITSTRING	1	WRSTATUS	STATUS FLAG 1 0513
		1...		WRWKTODO	"X'80'" OTHER DEST REQ A NJESND JOB
		.1..		WRHDRCVD	"X'40'" JOB HDR WAS RECD FRM INSRV
		..1.		WRTRRCVD	"X'20'" JOB TRLR WAS RECD FRM INSRV
		...1		WRINVNDE	"X'10'" INVALID NODE SPECIFIED
		.... .1..		WRFSTSEG	"X'04'" FIRST SEGMENT OF JOB HEADER WAS ALREADY PROCESSED
		.... ..1.		WRJHDTAT	"X'02'" JOB HEADER DSISO DATASET 0042
		1		WRJTDTAT	"X'01'" JOB TRAILER DSISO DATASET 0042
		1		WRDRECUR	"X'01'" IATOSNT JESTAE IN CONTROL 0209

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- 0	
				DEFINITION OF WRSTAT2 0	
				---------- 0	
				End of Comment	
3483	(D9B)	BITSTRING	1	WRSTAT2	STATUS FLAG 2 0513 2 LINES DELETED 0433
				Comment	
				---------- 0	
				RESERVED FLAG INDICATORS 0	
				---------- 0	
				End of Comment	
3484	(D9C)	BITSTRING	1	WRSTAT3	RESERVED FOR DEVELOPMENT 0513
3485	(D9D)	BITSTRING	1	WRSTAT4	RESERVED FOR SERVICE 0513
3486	(D9E)	BITSTRING	1	WRSTAT5	RESERVED FOR USER 0513
3487	(D9F)	CHARACTER	1	WRERRMSG	TEXT LGTH FOR MESSAGE MACRO
3488	(DA0)	CHARACTER	80	WRERTEXT	TEXT AREA FOR MESSAGE MACRO
				Comment	
				---------- D	
				DEFINITION OF IATOSNT RETURN CODE. D	
				---------- D	
				End of Comment	
3568	(DF0)	BITSTRING	1	WRETCODE	IATOSNT RETURN CODE D016
3568	(DF0)	X'0'	0	WRETOK	"0" NORMAL RETURN D016
3568	(DF0)	X'4'	0	WRETHOLD	"4" HOLD RETURN D016
3568	(DF0)	X'8'	0	WRETERR	"8" ERROR RETURN D016
				Comment	
				---------- 0	
				DEFINITION OF RECOVERY INDICATORS. 0	
				---------- 0	
				End of Comment	
3569	(DF1)	BITSTRING	1	WRDCNTL	RECOVERY INDICATOR 0079
		1...		WRDJDABH	"X'80'" JDAB IS HELD 0079
		.1..		WRDJMRH	"X'40'" JMR IS HELD 0079
		..1.		WRDJHO	"X'20'" JOB HEADER IS OPEN 0079
		...1		WRDJTO	"X'10'" JOB TRAILER IS OPEN 0079
		.... 1...		WRDDSTO	"X'08'" DATA STREAM IS OPEN 0079
		.... .1..		WRDDSHO	"X'04'" DATASET HEADER IS OPEN 0079
		.... ..1.		WRDJDSH	"X'02'" JDS IS HELD
				Comment	
				---------- 0	
				MESSAGE LIST AND MESSAGE WORK AREA. 0	
				---------- 0	
				$T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0	
				End of Comment	
3572	(DF4)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
3572	(DF4)	ADDRESS	4	WRDOUTM	Text Address
3576	(DF8)	BITSTRING	2		Destination Disp and Mask
3578	(DFA)	BITSTRING	1		ACTION flag
3579	(DFB)	ADDRESS	1		Options Flag
3580	(DFC)	BITSTRING	2		Descriptor Codes

IATYNWR Cross Reference

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
3582	(DFE)	SIGNED	2		Reserved 2 Bytes
3584	(E00)	BITSTRING	17		Routing Codes
3601	(E11)	BITSTRING	1	(3)	Reserved
3604	(E14)	BITSTRING	1	(8)	Jobid
3612	(E1C)	BITSTRING	1	(8)	Jobname
3620	(E24)	BITSTRING	1	(8)	Key
3628	(E2C)	ADDRESS	4		CNDB Address 1
3632	(E30)	ADDRESS	4		CNDB Address 2
3636	(E34)	ADDRESS	4		CNDB Address 3
3640	(E38)	ADDRESS	4		CNDB Address 4
3644	(E3C)	ADDRESS	4		CNDB Address 5
3648	(E40)	ADDRESS	4		MLWO Address
3652	(E44)	BITSTRING	120	WRDOMSG	OUTPUT MESSAGE AREA 0329

Comment

```
IATYNCP NETWORKING COMPRESSION LIST
    NETWORKING COMPRESSION PARAMETER FORMATTING MACRO
 CHANGE ACTIVITY
$NP=SP313 HJS3313 890412 PD0JF: SP 3.1.3 D
```

End of Comment

3772	(EBC)	SIGNED	4	CMPRSPRM (0)	
3772	(EBC)	SIGNED	4	CMPSAVE (16)	- REGISTER SAVE AREA
3836	(EFC)	SIGNED	4	CMPFDB	- PTR TO FDB FOR TRANSMISSION DATA SET
3840	(F00)	SIGNED	4	CMPBUFR	- PTR TO TRANSMISSION BUFFER
3844	(F04)	SIGNED	4	CMPFIRST	- PTR TO FIRST CHAR TO BE COMPRESSED
3848	(F08)	SIGNED	4	CMPLAST	- PTR TO LAST CHAR TO BE COMPRESSED
3852	(F0C)	SIGNED	4	CMPNEXT	- PTR TO NEXT POSITION IN BUFFER
3856	(F10)	SIGNED	4	CMPPREV	- PTR TO PREV POSITION IN BUFF#165
3860	(F14)	SIGNED	4	CMPWORK	- PTR TO WORK AREA FOR COMPRESSION
3864	(F18)	SIGNED	2	CMPBFSIZ	- TRANSMISSION BUFFER SIZE
3866	(F1A)	CHARACTER	2	CMPRCB	- RCB AND SRCB TO BE PLACED IN RECORD
3868	(F1C)	SIGNED	2	CMPHDLEN	- LENGTH OF FIXED PORTION OF BUFFER
3870	(F1E)	BITSTRING	6	CMPBLKHD	- FIXED PORTION OF BUFFER
3876	(F24)	SIGNED	4	CMPRSEND (0)	- END OF COMPRESSION PARM LIST
3876	(F24)	BITSTRING	4	CMPRSSIZ (0)	- L'CMPRSSIZ = SIZE OF PARM LIST
3880	(F28)	DBL WORD	8	WRDEND (0)	END OF WRDATA WORK DATA
3880	(F28)	BITSTRING	1	WRDSIZE (0)	

IATYNWR Cross Reference

Name

CMPBFSIZ
CMPBLKHD
CMPBUFR
CMPFDB
CMPFIRST

CMPHDLEN
CMPLAST
CMPNEXT
CMPPREV
CMPRCB

CMPRSEND
CMPRSPRM
CMPRSSIZ
CMPSAVE
CMPWORK

WRACCTNO
WRACTBYT
WRACTCRD
WRACTLIN
WRACTPAG

Name

WRBINJNO
WRBLBSIZ
WRBLDG
WRCMPRSA
WRCOMP
WRCURNAM
WRDATA
WRDATON
WRDCNTDH
WRDCNTHT
WRDCNTL
WRDDNAME
WRDDNM
WRDDSHO
WRDDSTO
WRDEND
WRDEPT
WRDEST
WRDJDABH
WRDJDSH
WRDJDVT
WRDJHO
WRDJMRH
WRDJTO
WRDNJH
WRDNJT
WRDNOSEQ
WRDNTHT
WRDOMSG
WRDOUTM
WRDRECUR
WRDRSVD1
WRDRSVS1
WRDRSVS2
WRDRSVU1
WRDSBUFF
WRDSEC
WRDSHFDB
WRDSIZE
WRDSTSEQ
WRDWORK
WRERRMSG
WRERTEXT
WRESTBYT
WRESTCRD
WRESTLIN
WRESTPAG
WRETCODE
WRETERR
WRETHOLD
WRETOK
WREUSRID
WRFSTSEG
WRGROUP
WRHDJBNM
WRHDRCVD
WRHDRFDB
WRINJDS
WRINVNDE
WRIPTDEV

Name

WRIPTGRP
WRJCLASS
WRJCTBLD
WRJDAB@
WRJDBFL1
WRJDBFL2
WRJDBFL3
WRJDBFL4
WRJDBMNM
WRJDNJE1
WRJDNJE2
WRJDSDSH
WRJDSJH
WRJDSJT
WRJHDTAT
WRJHNOTE
WRJOBEBC
WRJOBNM
WRJOBNO
WRJOBPTY
WRJOBQU
WRJOBTAT
WRJOBX
WRJTDTAT
WRJTNOTE
WRMSGCLS
WROJBNO
WRONODE
WRORGND
WRORGRM
WROUSER
WROUTJCT
WROUTJDA
WROUTJDS
WROUTJMR
WRPROGNM
WRREG14
WRRNODE
WRROOM
WRRSAVE
WRRUSER
WRSECBL
WRSNODE
WRSTATUS
WRSTAT2
WRSTAT3
WRSTAT4
WRSTAT5
WRSUSER
WRTATFDB
WRTIMON
WRTRLFDB
WRTRRCVD
WRUSRID
WRWKAREA
WRWKTODO
WRWORKAR
WRXDSFDB
WRXEQN
WRXEQU

IATYOCF Information

IATYOCF Heading Information

Common Name: Old Configuration Data Entry
Macro ID: IATYOCF
DSECT Name: OCFSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: OCF
Offset: 0
Length: 4
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 1
Size: OCFSIZE bytes
Created by: Issuer of IATXCFGS FUNC=ADD_OLD_INFO
Pointed to by: CFSOCFAD in IATYCFGS
OCFNEXT in IATYOCF
Serialization: NONE
Function: This macro maps the information that associated with the old configuration that must be kept around until JES3 initialization completes successfully. At the end of initialized, the information associated with the old configuration can be deleted.
For example, during a hot start with refresh, the OCF contains the JOBTAT FDB that maps the spool space associated with the intermediate text associated with the old configuration (i.e. the intermediate text that was created when the last cold, warm, or hot start with refresh was done). At the end of initialization, the spool space for the old intermediate text can be purged since a new JOBTAT is created to represent the information in the new initialization stream.
For example, during a hot start with refresh, the OCF contains the FDB for old FSS/FSA checkpoint record (FCK). During a hot start with refresh, the information from the FCK and the initialization stream are merged to create a brand new FCK. At the end of initialization, the spool space for the old FCK can be freed.
The OCF can also be used to keep track of information associated with the old configuration that does not necessarily require any deletion processing.

IATYOCF Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	OCFSTART	, Configuration Services Data Entry
0	(0)	CHARACTER	4	OCFID	Control block id
4	(4)	ADDRESS	4	OCFNEXT	Address of next OCF entry
8	(8)	BITSTRING	32	OCFDATA	Up to 32 bytes of data that is associated with the old configuration
40	(28)	CHARACTER	32	OCFDESC	Description of the data
72	(48)	SIGNED	2	OCFDLEN	Length of the data in field OCFDATA
74	(4A)	SIGNED	2	OCFRSVD1 (3)	Reserved for development
80	(50)	ADDRESS	8	OCFDSPC1	Delete function specific information
88	(58)	SIGNED	4	OCFDSPC2	Delete function specific information
92	(5C)	BITSTRING	1	OCFFUNC	Function to be performed on the data

IATYOCF Cross Reference

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				--- Definition of OCFFUNC. ---	
				End of Comment	
92	(5C)	X'1'	0	OCFDLSTR	"1" The data is a piece of storage that should be freed when an IATXCFGS DELETE_OLD_INFO is issued. OCFDSPEC contains the length of the storage.
92	(5C)	X'2'	0	OCFDLSBK	"2" The data is a spool control block allocated from the STT or a JOBTAT that should be purged when an IATXCFGS DELETE_OLD_INFO is issued. OCFDSPEC contains zeroes.
92	(5C)	X'3'	0	OCFDLSCH	"3" The data is a spool control block chain allocated from the STT that should be purged when an IATXCFGS DELETE_OLD_INFO is issued. OCFDSPEC contains the offset of the chain FDB.
93	(5D)	BITSTRING	3	OCFRSVD2	Reserved for development
96	(60)	DBL WORD	8	OCFEND (0)	End of control block
96	(60)	X'60'	0	OCFSIZE	"OCFEND-OCFSTART" Size of control block
				Comment	
				Values used to create the OCF cellpool.	
				End of Comment	
96	(60)	X'1E'	0	OCFPXTCT	"30" Number of elements in primary extent of the cellpool
96	(60)	X'64'	0	OCFSXTCT	"100" Number of elements in each secondary extent of the cellpool
96	(60)	X'0'	0	OCFSPOOL	"0" Subpool for OCF entries

IATYOCF Cross Reference

Name

OCFDATA
OCFDESC
OCFDLEN
OCFDLSBK
OCFDLSCH
OCFDLSTR
OCFDSPC1
OCFDSPC2
OCFEND
OCFFUNC
OCFID
OCFNEXT
OCFPXTCT
OCFRSVD1
OCFRSVD2
OCFSIZE
OCFSPOOL
OCFSTART
OCFSXTCT

IATYODP Information

IATYODP Programming Interface information

Programming Interface information

IATYODP

End of Programming Interface information

IATYODP Heading Information

Common Name: OSE Default Get/Put Parameter List
Macro ID: IATYODP
DSECT Name: ODPSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: ODP
Offset: 0
Length: 4
Storage Attributes: Main Storage: Subpool 0
Auxiliary Storage: n/a
Key: 1 (JES KEY)
Residency: Any
Size: 48 bytes
Created by: IATMOOI
Pointed to by: Register 1 on entry to DEFLTOSE
Serialization: None
Function: Maps the parameter list passed to the DEFLTOSE routine.

IATYODP Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	ODPSTART	
0	(0)	CHARACTER	4	ODPID	Eyecatcher
0	(0)	X'4'	0	ODPDATA	"*" Start of ODP data
4	(4)	ADDRESS	4	ODPPRTWA	Default WTR queue PRT OSE
8	(8)	ADDRESS	4	ODPPUNWA	Default WTR queue PUN OSE
12	(C)	ADDRESS	4	ODPPRTHA	Default HOLD queue PRT OSE
16	(10)	ADDRESS	4	ODPPUNHA	Default HOLD queue PUN OSE
20	(14)	BITSTRING	1	ODPFLAG1	Input flags
		1...		ODPGET	"X'80'" GET request
		.1..		ODPPUT	"X'40'" PUT request
		..1.		ODPFRP	"X'20'" Read default FRP's
21	(15)	BITSTRING	1	ODPFLAG2	Work flags
		1...		ODPJDABR	"X'80'" JDAB has been read
22	(16)	BITSTRING	2	ODPRSVD1	Reserved for IBM
24	(18)	BITSTRING	12	ODPJDFDB	FDB for reading JDAB
36	(24)	BITSTRING	1	ODPFRFDB	FDB for reading FRP
36	(24)	X'30'	0	ODPEND	"*" End of IATYODP
48	(30)	BITSTRING	0	ODPDSIZE (0)	Size of IATYODP data
48	(30)	BITSTRING	1	ODPSIZE (0)	Size of IATYODP

IATYODP Cross Reference

Name

ODPDATA
ODPDSIZE
ODPEND
ODPFLAG1
ODPFLAG2
ODPFRFDB
ODPFRP
ODPGET
ODPID
ODPJDABR
ODPJDFDB
ODPPRTHA
ODPPRTWA
ODPPUNHA
ODPPUNWA

Name
ODPPUT
ODPRSVD1
ODPSIZE
ODPSTART

IATYOFIN Information

IATYOFIN Heading Information

Common Name: Initialization OFFSET and Vector table
Macro ID: IATYOFIN
DSECT Name: IATYOFIN --OFIN Offset table
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: YOFIN
Offset: 0
Length: 6
Language: PL/X
Storage Attributes: Main Storage: 84
Virtual Storage: 84
Auxiliary Storage: 84
Subpool: 251
Key: 1
Data Space: N/A
Residency: any Frequency: one per system
Size: 84
Created by: IATOFIN
Pointed to by: Linked with modules needing access
Serialization: none
Function: The OFIN is an offset table used to access fields in source maintained macros. Offsets to fields in this data area must not change, otherwise errors will occur in the non-source maintained modules that reference this data area.

IATYOFIN Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYOFIN	IATYOFIN.210: OFIN Offset table
0	(0)	CHARACTER	6	OFIN_EYE_CATCHER	
		Comment			
		IATYOFIN.99: OFIN eyecatcher			
		End of Comment			
6	(6)	SIGNED	1	OFIN_VERS	
		Comment			
		IATYOFIN.105: Current version of the control block			
		End of Comment			
7	(7)	SIGNED	1	OFIN_RSV1	IATYOFIN.289: Reserved for developement
8	(8)	ADDRESS	4	OFIN_INTFLAG1	
		Comment			
		IATYOFIN.1140: Offset to field INTFLAG1 in IATYINT			
		End of Comment			
12	(C)	ADDRESS	4	OFIN_SPARAM	

IATYOFIN Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		IATYOFIN.310: Offset to field SPARAM in IATYINT			
				End of Comment	
16	(10)	ADDRESS	4	OFIN_SOPER	
				Comment	
		IATYOFIN.337: Offset to field SOPER in IATYINT			
				End of Comment	
20	(14)	ADDRESS	4	OFIN_LOPER	
				Comment	
		IATYOFIN.304: Offset to field LOPER in IATYINT			
				End of Comment	
24	(18)	ADDRESS	4	OFIN_ISCAN1	
				Comment	
		IATYOFIN.292: Offset to field ISCAN1 in IATYINT			
				End of Comment	
28	(1C)	ADDRESS	4	OFIN_ISCAN2	
				Comment	
		IATYOFIN.301: Offset to field ISCAN2 in IATYINT			
				End of Comment	
32	(20)	ADDRESS	4	OFIN_IWASPOUT	
				Comment	
		IATYOFIN.386: Offset to field IWASPOUT in IATYINT			
				End of Comment	
36	(24)	ADDRESS	4	OFIN_MSGIAT3240	
				Comment	
		IATYOFIN.607: Offset to field ILPRMDUP in IATYINT			
				End of Comment	
40	(28)	ADDRESS	4	OFIN_MSGIAT3243	
				Comment	
		IATYOFIN.618: Offset to field BADCARD in IATYINT			
				End of Comment	
44	(2C)	ADDRESS	4	OFIN_MSGIAT3245	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		IATYOFIN.989: Offset to field BADSOPER in IATYINT			
				End of Comment	
48	(30)	ADDRESS	4	OFIN_MSGIAT3255	
				Comment	
		IATYOFIN.1079: Offset to DEFMSG in IATYINT			
				End of Comment	
52	(34)	ADDRESS	4	OFIN_MSGIAT3260	
				Comment	
		IATYOFIN.619: Offset to field IAT3260 in IATYINT			
				End of Comment	
56	(38)	ADDRESS	4	OFIN_MSGIAT3263	
				Comment	
		IATYOFIN.626: Offset to field MSG3263 in IATYINT			
				End of Comment	
60	(3C)	ADDRESS	4	OFIN_ITWRITE	
				Comment	
		IATYOFIN.652: Offset to field ITWRITE in IATYINT			
				End of Comment	
64	(40)	ADDRESS	4	OFIN_ITREAD	
				Comment	
		IATYOFIN.658: Offset to field ITREAD in IATYINT			
				End of Comment	
68	(44)	ADDRESS	4	OFIN_INTCORID	
				Comment	
		IATYOFIN.740: Offset to field INTCORD in IATYINT			
				End of Comment	
72	(48)	ADDRESS	4	OFIN_INITFLG1	
				Comment	
		IATYOFIN.789: Offset to field INITFLG1 in IATYINT			
				End of Comment	
76	(4C)	ADDRESS	1	OFIN_INTDYNCH	

IATYOFIN Cross Reference

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		IATYOFIN.1150: Value of the flag INTDYNCH in IATYINT			
		End of Comment			
77	(4D)	ADDRESS	1	OFIN_INTFTERM	
		Comment			
		IATYOFIN.795: Value of the flag INTFTERM in IATYINT			
		End of Comment			
78	(4E)	ADDRESS	1	OFIN_INTPROB	
		Comment			
		IATYOFIN.1277: Value of the flag INTPROB in IATYINT			
		End of Comment			
79	(4F)	ADDRESS	1	OFIN_INTWARN	
		Comment			
		IATYOFIN.1016: Value of the flag INTWARN in IATYINT			
		End of Comment			
80	(50)	ADDRESS	4	OFIN_INTKTABL	
		Comment			
		IATYOFIN.1423: Offset to field INTKTABL in IATYINT			
		End of Comment			
80	(50)	X'54'	0	IATYOFIN_LEN	"*-IATYOFIN"

IATYOFIN Cross Reference

Name

IATYOFIN
IATYOFIN_LEN
OFIN_EYE_CATCHER

OFIN_INITFLG1

OFIN_INTCORID

OFIN_INTDYNCH

OFIN_INTFLAG1

OFIN_INTFTERM

OFIN_INTKTABL

Name

OFIN_INTPROB
OFIN_INTWARN
OFIN_ISCAN1
OFIN_ISCAN2
OFIN_ITREAD
OFIN_ITWRITE
OFIN_IWASPOUT
OFIN_LOPER
OFIN_MSGIAT3240
OFIN_MSGIAT3243
OFIN_MSGIAT3245
OFIN_MSGIAT3255
OFIN_MSGIAT3260
OFIN_MSGIAT3263
OFIN_RSV1
OFIN_SOPER
OFIN_SPARAM
OFIN_VERS

IATYOSA Information

IATYOSA Programming Interface information

Programming Interface information

IATYOSA

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

- OSANTDH
- OSANTHT
- OSAOSBP
- OSAOSDOQ
- OSAPNJT
- OSDCHALL
- OSDCHEND
- OSDCHJOB
- OSDCHSEN
- OSDCHST
- OSDCHSTP
- OSDHDJDO
- OSDPTJDO
- OSDROSW

End of Programming Interface information

IATYOSA Heading Information

Common Name: OUTPUT SERVICE DATA AREA
Macro ID: IATYOSA
DSECT Name: OSASTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IATODDR
Offset: 0
Length: 8
Storage Attributes: Main Storage: JES3 STORAGE (IATODDR)
Auxiliary Storage: N/A
Subpool: 0
Key: 1 (JESKEY)
Residency: ANY
Size: OSASIZE
Created by: IATOSDR
* 2
Pointed to by: THE OSA IS DEFINED WITHIN MODULE IATODDR AND IS POINTED TO BY R13 IN MODULES IATOSDR AND IATOSDO.
Serialization: NONE
Function: THIS AREA MAPS OVER DATA AREA USED BY THE OUTSERV FCT.
* 2

IATYOSA Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATODDR	
0	(0)	SIGNED	4	OSASTART (0)	START OF OSA DATA AREA
				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		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	2	OSDOSDR	OUTSERV FCT BUILD ID
38	(26)	SIGNED	2	OSARSVS7	Reserved for IBM 12190S5A
40	(28)	ADDRESS	4	OSDRETRY	JESTAE RETRY ADDRESS
44	(2C)	ADDRESS	4	OSDRPOOL	
48	(30)	ADDRESS	4	OSDRYWSP	IATYWSP ADDRESS 0055
52	(34)	SIGNED	4	OSDRSECH	HEAD ADDRESS FOR THE OSE'S BUILT IN QUEUE OSE ROUTINE
56	(38)	ADDRESS	4	OSDRSEND	END POINTER
60	(3C)	SIGNED	4	OSDRJDSN	JDS POINTER FIELD
64	(40)	SIGNED	4	OSASV13	SAVE AREA FOR REGISTER R13 0681
68	(44)	SIGNED	4	OSDRJDSC	COUNT OF JDS ENTRIES PROCESSED THAT USED 0259 DYNAMIC OUTPUT 0259
72	(48)	SIGNED	2	OSAJDSBL	Low JDS buffer number for 07405SXC data sets with new OSEs 07405SXA
74	(4A)	SIGNED	2	OSAJDSBH	High JDS buffer number for 07405SXA data sets with new OSEs 07405SXA
76	(4C)	SIGNED	4	OSDROSEW	ADDRESS OF THE FIRST FDB IN OSE CHAIN THAT REQUIRES A WRITE. USED BY IATOSDR.

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

				When an error occurs writing an OSE to spool, the IATERCV routine in module IATDMNC is called to correct the chaining of the OSE records. The data starting at OSDROSEC is passed in to the routine. IATERCV expects an FDB, the sequence number of the previous spool record, the SRF record id, and (if the SRF in question contains a four-byte sequence number) the offset from SRFSTART to the four-byte sequence number field. The four bytes after the OSE FDBs below keep track of the previous OSE sequence number in case IATERCV has to be called.	

				End of Comment	
80	(50)	SIGNED	4	(0)	WORD ALIGNMENT
80	(50)	BITSTRING	12	OSDRFDBP	FDB for FRPs
92	(5C)	SIGNED	4	OSADEVNO	Device number (destination) 07405SXC
96	(60)	BITSTRING	12	OSDROSEC	OSE FDB
108	(6C)	SIGNED	4	OSDROSES	Previous OSE sequence no.
108	(6C)	X'10'	0	OSDRFSLN	"*-OSDROSEC" Length of FDB and sequence number
112	(70)	CHARACTER	4		SPOOL RECORD ID FOR IATXERCV
116	(74)	ADDRESS	2		Offset to OSECNT4
118	(76)	SIGNED	2	OSARSVS8	Reserved for IBM 12190S5A
120	(78)	BITSTRING	12	OSDRFDBS	OSE chain FDB and sequence
132	(84)	SIGNED	4	OSDRSEQS	... number save area
136	(88)	BITSTRING	12	OSDRFDBR	Save FDB for previous OSE
148	(94)	BITSTRING	12	OSDRFDBU	FDB and sequence number
160	(A0)	SIGNED	4	OSDRSEQU	... for next OSE
164	(A4)	BITSTRING	1	OSDRFDBT	FDB FOR DATA SET PURGE 0483
				Comment	
				--- 0	
				THE FOLLOWING FIELD POINTS TO IATYOSW, WHICH 0 CONTAINS WORK OSE'S BUILT BY IATOSDO. 0	

				End of Comment	
192	(C0)	ADDRESS	4	OSDROSW	ADDRESS OF IATYOSW (FILLED 0483 IN BY IATOSDR) 0483 24#0483
196	(C4)	CHARACTER	8	OSDRORG	
204	(CC)	CHARACTER	8	OSDRACMN	
212	(D4)	CHARACTER	8	OSDRJDVT	NAME OF THE JDVT
220	(DC)	SIGNED	4	OSDRQRET	QUEUE ROUTINE RETURN ADDRESS
				Comment	

				NETWORKING SECONDARY DESTINATION	

				End of Comment	
224	(E0)	CHARACTER	8	OSDRORG2	SECONDARY ORIGIN FOR NETWORKING

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

		The following fields are used in module IATOSDR for ENF signalling processing.			

		End of Comment			
232	(E8)	BITSTRING	80	OSDRCTKN	CTOKEN
312	(138)	BITSTRING	1	OSDRNCTK	New CTOKEN for Token Change
		Comment			
		$SK = ENF58CK HJS7708 020916 ID1RS: z 1.5.0 IATXOSEN MF=L			
		End of Comment			
392	(188)	SIGNED	4	OSDROSEN (0)	List form
392	(188)	ADDRESS	4		CTOKEN address
396	(18C)	ADDRESS	4		New client token address
400	(190)	ADDRESS	4		Address of system hold reason
404	(194)	ADDRESS	4		Address of reason text
408	(198)	ADDRESS	4		Address of checkpoint data
412	(19C)	BITSTRING	1	OSDRNJE1	FLAG BYTE
		Comment			

		DEFINITION OF OSDRNJE1			

		End of Comment			
		1...		OSDRNJPR	"X'80'" OSE NETWORKING PRINT FLAG
		.1..		OSDRNJPU	"X'40'" OSE NETWORKING PUNCH FLAG
		...1		OSDRNJEO	"X'10'" JOB ORIGIN IS FOR BSC/NJE
		.... 1...		OSDRSNAO	"X'08'" JOB ORIGIN IS FOR SNA/NJE
		.... .1..		OSDRNJOP	"X'04'" Network sysout stream
		.... ..1.		OSDRNJEJ	"X'02'" Network job stream
		1		OSDRSNA	"X'01'" SNA/NJE OUTPUT EXISTS FOR JOB
413	(19D)	BITSTRING	1	OSDRNJE2	NJE flag byte 2
		Comment			

		Definition of OSDRNJE2			

		End of Comment			
		1...		OSDRTCPO	"X'80'" Job origin is for TCP/NJE
		.1..		OSDRTCP	"X'40'" TCP/NJE output exists for job
		..1.		OSDRN220	"X'20'" Reserved for IBM
		...1		OSDRN210	"X'10'" Reserved for IBM
		.... 1...		OSDRN208	"X'08'" Reserved for IBM
		.... .1..		OSDRN204	"X'04'" Reserved for IBM
		.... ..1.		OSDRN202	"X'02'" Reserved for IBM
		1		OSDRN201	"X'01'" Reserved for IBM
414	(19E)	SIGNED	2	OSAD2OFF	Offset of JDODEST2 from the JDO entry currently being processed by BUILDOSE
416	(1A0)	CHARACTER	80	OSDRJBCD	
416	(1A0)	X'1A0'	0	OSDRJBJB	"OSDRJBCD,14"
416	(1A0)	X'1A2'	0	OSDRNAM	"OSDRJBCD+2,7"

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				OSDRBFLG DEFINES THE TYPE OF OSE THAT WAS BUILT IN OSDOBOSE ROUTINE. OSDRBFLG WILL BE SET BY REGISTER 5 IN OSDOBOSE. REGISTER 5 WILL CONTAIN EITHER THE VALUE OF JDSPRINT OR JDSPUNCH. IT IS ADVISED THAT THIS BYTE IS NOT USED FOR ANYTHING ELSE.	
				End of Comment	
496	(1F0)	BITSTRING	1	OSDRBFLG	
				Comment	
				DEFINITION OF OSRRBFLG	
				EQU X'80' JDS PRINT TYPE DATASET EQU X'40' JDS PUNCH TYPE DATASET	
				OSDRFLAG IS A CONTROL BYTE DEFINING SPECIAL PROCESSING FOR A PARTICULAR OSE.	
				End of Comment	
497	(1F1)	BITSTRING	1	OSDRFLAG	FLAG BYTE
				Comment	
				DEFINITION OF OSDRFLAG	
				End of Comment	
		1...		OSDRJDSP	"X'80'" JDS PUT REQUIRED
		.1..		OSDRWOSE	"X'40'" INDICATE WRITE OSE BUFFER 0503 STRUCTURE REQUIRED 0503
		..1.		OSDRMAJB	"X'20'" MIGRATION AID JOB
		...1		OSDRMAQ	"X'10'" MASTER OSE QUEUED
		.... 1...		OSDRQMOD	"X'08'" MULITIPLE OSE QUEUE IN PROG.
		.... .1..		OSDRSPN	"X'04'" SPINOFF RQ PROCESSING
		.... ..1.		OSDRCPZE	"X'02'" OSE BUILT WITH COPIES EQ 0
		1		OSDRCOSE	"X'01'" INDICATE CHANGED OSE 0503
				Comment	
				OSDRERFL IS A CONTROL BYTE DEFINING PROCESSING FOR A PARTICULAR OSE.	
				End of Comment	
498	(1F2)	BITSTRING	1	OSDRERFL	ERROR FLAGS
				Comment	
				DEFINITION OF OSDRERFL	
				End of Comment	
		1...		OSDROSEH	"X'80'" OSE QUEUE IS HELD
		.1..		OSDRNOWT	"X'40'" AUTO START WRITER INOP.

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		..1.		OSDRFPPR	"X'20'" IN JESTAE FREEPOOL ROUTINE
		...1		OSDRRQH	"X'10'" RQ HELD BY OUTSERV FCT
		.... 1...		OSDRJMRH	"X'08'" JMR HELD BY OUTSERV FCT 0079
		.... .1..		OSDRJDOE	"X'04'" IN JESTAE OSDRJDOR ROUTINE 0079
		.... ..1.		OSDRSNAE	"X'02'" IN JESTAE OSBPRECV ROUTINE 0079
		1		OSDRXARQ	"X'01'" RQ access count incremented
		Comment			

		OSDRCTRT DEFINES THE ROUTINE WHICH IS IN ERROR ON ENTRY TO OUTSERV'S JESTAE RECOVER PROCESSING.			

		End of Comment			
499	(1F3)	BITSTRING	1	OSDRCTRT	ROUTINE IN CONTROL
		Comment			

		DEFINITION OF OSDRCTRT			

		End of Comment			
		1...		OSDRCTDV	"X'80'" DRIVER IN CONTROL
		.1..		OSDRCTFM	"X'40'" OSDODPRC IN CONTROL
		..1.		OSDRCTBO	"X'20'" OSDOBOSE IN CONTROL
		...1		OSDRCTQO	"X'10'" OSDOQOSE IN CONTROL
		.... 1...		OSDRCTSO	"X'08'" OSDRSOSE IN CONTROL
		.... .1..		OSDRCTRO	"X'04'" OSDOROUT IN CONTROL
		.... ..1.		OSDRCTBP	"X'02'" IATOSBP IN CONTROL 0079
		1		OSDRCTJS	"X'01'" OSDRJSTR IN CONTROL 0079
		Comment			

		OSDRCTER DEFINES THE ROUTINES WHICH HAD OUTSERV JESTAE PROCESSING. OSDRCTER IS DEFINED WITH THE SAME EQUATES AS OSDRCTRT.			

		End of Comment			
500	(1F4)	BITSTRING	1	OSDRCTER	ROUTINES WITH ERROR
		Comment			
		--- 0			
		DEFINITION OF OSDRFLG2 0			
		--- 0			
		End of Comment			
501	(1F5)	BITSTRING	1	OSDRFLG2	FLAG BYTE 0054
		1...		OSDRNDON	"X'80'" NORMAL PROCESSING DONE 0054
		.1..		OSDRSDON	"X'40'" SPINOFF PROCESSING DONE 0054
		..1.		OSDRRDON	"X'20'" RESTART DONE FOR FCT 0054
		...1		OSDRSWTR	"X'10'" START WRITER OUTSERV FCT 0054
		.... 1...		OSDRUJCT	"X'08'" UPDATE JCT/POST BDCI NEEDED 0036 0054
		.... .1..		OSDRPCAN	"X'04'" SNA/NJE STREAM PREV CANCELLD0456
		.... ..1.		OSDRADD	"X'02'" ADD NEW OSE ENTRIES TO END 0681 OF OSE STRUCTURE 0681
		1		OSDR26UP	"X'01'" UPDATED SMF26 ON SPOOL 0298
502	(1F6)	SIGNED	2	OSDRESAV	SAVE AREA FOR DUMP CODE
504	(1F8)	BITSTRING	1	OSDRFLG4	FLAG BYTE 0655

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		---------- 0			
		DEFINITION OF OSDRFLG4 0			
		---------- 0			
		End of Comment			
		1...		OSDRCSBE	"X'80'" OSE CSBT EXISTS FOR JOB 0655
		.1..		OSDRCSBC	"X'40'" OSE CSBT CREATED ON CURRENT 0655 CALL TO OSDRSOSE 0655
		..1.		OSDRTCPP	"X'20'" NTTDR POST needed
		...1		OSDRTCPA	"X'10'" NTTDR available to post
		.... 1...		OSDFL408	"X'08'" Reserved for IBM 06599SVC
		.... .1..		OSDFL404	"X'04'" Reserved for IBM 06599SVC
		.... ..1.		OSDFL402	"X'02'" Reserved for IBM 06599SVC
		1		OSDFL401	"X'01'" Reserved for IBM 06599SVA
505	(1F9)	BITSTRING	1	OSAFLAG5	Flag byte
		Comment			

		Definition of OSAFLAG5			

		End of Comment			
		1...		OSARMVOS	"X'80'" Job removed from OUTSERV
		.1..		OSAFL540	"X'40'" Reserved for IBM
		..1.		OSAFL520	"X'20'" Reserved for IBM
		...1		OSAFL510	"X'10'" Reserved for IBM
		.... 1...		OSAFL508	"X'08'" Reserved for IBM
		.... .1..		OSAFL504	"X'04'" Reserved for IBM
		.... ..1.		OSAFL502	"X'02'" Reserved for IBM
		1		OSAFL501	"X'01'" Reserved for IBM
506	(1FA)	SIGNED	2	OSARMLFT	Room left in SYSLOG buffer
508	(1FC)	BITSTRING	8	OSASTCKL	Low SYSLOG time stamp 12190S5A
516	(204)	BITSTRING	8	OSASTCKH	High SYSLOG time stamp 12190S5A
524	(20C)	BITSTRING	6	OSASYSPA	SYSLOG data set spool addr 12190S5C
530	(212)	BITSTRING	14	OSARSVS4	Reserved for IBM 12190S5A
		Comment			
		DATA AREA FOR IATOSDO			

		OSDOFLG1 IS USED FOR MISCELLANEOUS PROCESSING. THE FLAG IS ZEROED OUT WHEN ROUTINE OSDOROUT IS ENTERED.			

		End of Comment			
544	(220)	BITSTRING	1	OSDOFLG1	FLAG BYTE
		Comment			

		DEFINITION OF OSDOFLG1			

		End of Comment			
		1...		OSDOOSEM	"X'80'" OSE made for JDS entry with OUTPUT references (BUILDOSE routine)
		.1..		OSDOPMGV	"X'40'" PROCESS MODE USED ON THE OUTPUT STATEMENT
		..1.		OSDOOSED	"X'20'" OSEDEST HAS BEEN EXPLICITLY SPECIFIED AND IS NOT A DEFAULT

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		...1		OSDOOSM2	"X'10'" OSE made for JDS entry with no OUTPUT references (OSDOBOSE routine)
				Comment	
		OSDJESDS IS A CONTROL BYTE WHICH HANDLES PROCESSING FOR THE 'JESDS' KEYWORD ON THE OUTPUT STATEMENT.			
				End of Comment	
545	(221)	BITSTRING	1	OSDJESDS	CONTROL FOR JESDS PROCESSING
				Comment	
		DEFINITION OF OSDJESDS			
				End of Comment	
		1...		OSDJDALL	"X'80'" JESDS=ALL
		.1..		OSDJDJCL	"X'40'" JESDS=JCL, FOR JESJCL
		..1.		OSDJDLOG	"X'20'" JESDS=LOG, FOR JESMSGLG
		...1		OSDJDMSG	"X'10'" JESDS=MSG, FOR JESYSMSG
545	(221)	X'F0'	0	OSDJDGIV	"OSDJDALL+OSDJDJCL+OSDJDLOG+OSDJDMSG"
				Comment	
		OSDPTCDE DEFINES THE TYPE OF MERGE DESIRED.			
				End of Comment	
546	(222)	BITSTRING	1	OSDPTCDE	TYPE OF TRANSFER DESIRED
				Comment	
		DEFINITION OF OSDPTCDE			
				End of Comment	
546	(222)	X'4'	0	OSDOFRPT	"4" FRP TRANSFERS REQUIRED
546	(222)	X'8'	0	OSDOJDOP	"8" JDO TRANSFERS REQUIRED
546	(222)	X'C'	0	OSDOSCTP	"12" SCT TRANSFERS REQUIRED
546	(222)	X'10'	0	OSDOJDSP	"16" JDS TRANSFERS REQUIRED
				Comment	
		OSDOBLDO DEFINES TYPE OF DEFAULT OSE BUILT.			
				End of Comment	
547	(223)	BITSTRING	1	OSDOBLDO	OSE BUILT WITH DEFAULTS
				Comment	
		DEFINITION OF OSDOBLDO			
				End of Comment	
		1...		OSDOSTPB	"X'80'" OSE BUILT WITH STEP DEFAULTS
		.1..		OSDOJOBB	"X'40'" OSE BUILT WITH JOB DEFAULTS

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
548	(224)	BITSTRING	1	OSDJSRCH	SEARCH VALUE FOR JESDS PROC
549	(225)	BITSTRING	1	OSDOMDFL	DATASET CHARACTERISTICS CHANGED VIA MODIFY CMD
				Comment	
					DEFINITION OF OSDOMDFL
				End of Comment	
		1...		OSDOMWTR	"X'80'" WRITER MODIFIED ON MODIFY COMMAND
		.1..		OSDOMDST	"X'40'" DEST MODIFIED ON MODIFY COMMAND
		..1.		OSDOMFRM	"X'20'" FORMS MODIFIED ON MODIFY COMMAND
		...1		OSDOMPRY	"X'10'" PRIORITY MODIFIED ON MODIFY COMMAND
		.... 1...		OSDOMCPY	"X'08'" COPY COUNT MODIFIED ON MODIFY COMMAND
		.... .1..		OSDOM2DT	"X'04'" 2NDARY DEST MODIFIED ON MODIFY COMMAND
		.... ..1.		OSDOMRS1	"X'02'" RESERVED FOR SERVICE
		1		OSDOMRS2	"X'01'" RESERVED FOR SERVICE
550	(226)	SIGNED	2	OSDJDOSZ	SIZE OF JDO CONTROL BLOCK
552	(228)	CHARACTER	8	OSDOWTRN	SAVE AREA FOR EXTERNAL WRITER NAME
560	(230)	SIGNED	4	OSDNOSB4	Number of OSE buffers IN-STORAGE IN SPOOL OSE RTN 0503
564	(234)	SIGNED	4	OSDEXOS4	Number of existing OSE buffers processed by SPOOL OSE routine
568	(238)	ADDRESS	4	OSDFDBSV	FDB ADDRESS SAVE AREA
572	(23C)	BITSTRING	32	OSDOCFDB	POINTER TO CURRENT DOI MRF 0285
604	(25C)	BITSTRING	32	OSDOSFDB	POINTER TO SAVED DOI MRF 0285
636	(27C)	CHARACTER	8	OSDOTPID	Saved APPC transaction id (if RQAPPC is on) or job id from the JSAB (otherwise)
644	(284)	BITSTRING	32	OSANJHFD	POINTER TO NJE JOB HDR MRF
676	(2A4)	SIGNED	4	OSAJDSA	JDS ADDRESS FOR UX19 0523
680	(2A8)	SIGNED	4	OSARQA	RQ ADDRESS FOR UX19 0523
684	(2AC)	CHARACTER	8	OSADNPRN	DEFAULT NJE PRINT NODE
692	(2B4)	CHARACTER	8	OSADNPRR	DEFAULT NJE PRINT REMOTE
700	(2BC)	CHARACTER	8	OSADNPUN	DEFAULT NJE PUNCH NODE
708	(2C4)	CHARACTER	8	OSADNPUR	DEFAULT NJE PUNCH REMOTE
				Comment	
					CHAIN POINTERS FOR THE JDO
					THE FOLLOWING POINTERS WILL ALLOW ACCESS TO THE JDO (JOB DATA SET OUTPUT VERB CONTROL BLOCK). THE JDO CONTAINS JDS OUTPUT TYPE ENTRIES.
				End of Comment	
716	(2CC)	SIGNED	4	OSDCHST (0)	START OF POINTERS TO JDO
716	(2CC)	SIGNED	4	OSDHDJDO	POINTER TO FIRST JDO AREA
720	(2D0)	SIGNED	4	OSDCHALL	CHAIN POINTER FOR ALL JDO
724	(2D4)	SIGNED	4	OSDCHSTP	CHAIN POINTER FOR STEP LEV.
728	(2D8)	SIGNED	4	OSDCHJOB	CHAIN POINTER FOR JOB LEVEL
732	(2DC)	SIGNED	4	OSDCHSEN	POINTER TO END OF STEP CHAIN
736	(2E0)	SIGNED	4	OSDPTJDO	POINTS TO HEAD OF STEP/JOB
740	(2E4)	BITSTRING	1	OSDCHEND (0)	END OF POINTERS TO JDO

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		THE FOLLOWING STORAGE CONTAINS SAVED REGISTERS FOR SUBROUTINES USED IN IATOSDO/IATOSBP.			
				End of Comment	
740	(2E4)	BITSTRING	144	OSDOSAVE (0)	SAVE AREAS FOR THE FOLLOWING:
740	(2E4)	SIGNED	4	OSDOSV01 (12)	ROUTINE SRCHSCT
788	(314)	SIGNED	4	OSDOSV02 (12)	ROUTINE FORDIRCT
836	(344)	SIGNED	4	OSDOSV03 (12)	ROUTINE JDODRVER
884	(374)	SIGNED	4	OSDOSV04 (12)	ROUTINE OUTDIRCT
932	(3A4)	SIGNED	4	OSDOSV05 (12)	ROUTINE OUTDEF
980	(3D4)	SIGNED	4	OSDOSV06 (12)	ROUTINE JESDSDRV
1028	(404)	SIGNED	4	OSDOSV07 (12)	ROUTINE JESDSCDE
1076	(434)	SIGNED	4	OSDOSV08 (12)	ROUTINE OSDOPUT
1124	(464)	SIGNED	4	OSDOSV09 (12)	ROUTINE OSDOQOSE
1172	(494)	SIGNED	4	OSDOSV10 (12)	ROUTINE HELDOSE
1220	(4C4)	SIGNED	4	OSDOSV11 (12)	ROUTINE BUILDOSE/IATOSDO
1268	(4F4)	SIGNED	4	OSDOSV12 (12)	ROUTINE BUILDOSE/IATOSBP
				Comment	
		OSDOFLG2 is used for miscellaneous processing. The flag is zeroed out when IATOSDO is given control.			
				End of Comment	
1316	(524)	BITSTRING	1	OSDOFLG2	FLAG BYTE
				Comment	
		DEFINITION OF OSDOFLG2			
				End of Comment	
		1...		OSDOFRP	"X'80'" Job contains an FRP(s)
		.1..		OSFLG240	"X'40'" Reserved for IBM
		..1.		OSFLG220	"X'20'" Reserved for IBM
		...1		OSFLG210	"X'10'" Reserved for IBM
		.... 1...		OSFLG208	"X'08'" Reserved for IBM
		.... .1..		OSFLG204	"X'04'" Reserved for IBM
		.... ..1.		OSFLG202	"X'02'" Reserved for IBM
		1		OSFLG201	"X'01'" Reserved for IBM
1317	(525)	BITSTRING	3	OSARSVS1	Reserved for development
1320	(528)	SIGNED	4	OSARSVS2	RESERVED FOR SERVICE 0055
1324	(52C)	SIGNED	4	OSARSVS3 (2)	RESERVED FOR DEVELOPMENT 0055
				Comment	
		Data Area for IATOSBP (SNA/TCP NJE Processing)			
				End of Comment	
1332	(534)	ADDRESS	4	OSAPWA1	POINTER TO WORK AREA 1
1332	(534)	X'534'	0	OSAPNWR	"OSAPWA1" POINTER TO IATYNWR AREA
1336	(538)	ADDRESS	4	OSAPWA2	POINTER TO WORK AREA 2 0145
1336	(538)	X'538'	0	OSAPNJH	"OSAPWA2" POINTER TO IATYNJH AREA
1340	(53C)	ADDRESS	4	OSAPWA3	POINTER TO WORK AREA 3
1340	(53C)	X'53C'	0	OSAPNJT	"OSAPWA3" POINTER TO IATYNJT AREA
1340	(53C)	X'53C'	0	OSAPNDH	"OSAPWA3" POINTER TO IATYNDH AREA 0145
1344	(540)	ADDRESS	4	OSAPWA4	POINTER TO WORK AREA 4

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1344	(540)	X'540'	0	OSAPSEC	"OSAPWA4" POINTER TO SECURITY CHECK CONTROL BLOCK
1348	(544)	ADDRESS	4	OSANTHT	ADDRESS OF IATNTHT
1352	(548)	ADDRESS	4	OSANTDH	ADDRESS OF IATNTDH
1356	(54C)	ADDRESS	4	OSAOSBP	ADDRESS OF IATOSBP
1360	(550)	ADDRESS	4	OSAOSDOQ	ADDRESS OF OSDOQOSE (IATOSDO)

Comment

---------- 11470S3C
Add the data set number here. It is currently only used 11470S3A
for a SNA/NJE jobs so we can preserve the dataset number 11470S3A
for the OSE that represents the actual dataset (not job 11470S3A
header, job trailers, data set headers, etc..) 11470S3A
---------- 11470S3A

End of Comment

1364	(554)	SIGNED	4	OSADSNUM	Dataset number 11470S3C
1368	(558)	DBL WORD	8	OSABGRPE	BDT GROUP ID IN CHARACTER
1376	(560)	DBL WORD	8	OSATIME	STCK BINARY CLOCK VALUE
1384	(568)	CHARACTER	8	OSASBGRP	SAVED BDT GROUP ID
1392	(570)	SIGNED	4	OSAOSEP	POINTER TO SYS OSE TO PROCESS
1396	(574)	BITSTRING	8	OSABDTS	BDT/TCP search destination
1404	(57C)	BITSTRING	8	OSAOSED	BDT/TCP OSE destination

Comment

THE FOLLOWING FIELDS ARE USED FOR NETWORKING
JOB GROUPING. GROUP BY DESTINATION, USERID,
security label, and TPID/JSAB job id.

End of Comment

1412	(584)	BITSTRING	8	OSAUSRID	OSE USERID
1420	(58C)	BITSTRING	8	OSASECBL	OSE SECURITY LABEL
1428	(594)	BITSTRING	8	OSATPID	OSE transaction program ID (if RQAPPC is on) or job id from the JSAB (otherwise)
1436	(59C)	BITSTRING	6	OSAFDBP	FDB POINTER TO JH/DSH/JT
1442	(5A2)	SIGNED	2	OSASEQNO	JDS SEQUENCE NUMBER
1444	(5A4)	BITSTRING	1	OSAOTSWB	DOI FDB

Comment

THIS FLAG IS USED AS INPUT TO THE IATOSBP
SUBROUTINE BUILDOSE TO INDICATE WHAT TYPE OF
BDT/TCP OSE to build.

End of Comment

1476	(5C4)	BITSTRING	1	OSANJE1	FLAG BYTE

Comment

DEFINITION OF OSANJE1

End of Comment

1...	OSAJH	"X'80'" Build JH BDT/TCP OSE
.1..	OSADSH	"X'40'" Build DSH BDT/TCP OSE
..1.	OSAJT	"X'20'" Build JT BDT/TCP OSE
...1	OSADS	"X'10'" Build Dataset BDT/TCP OSE
.... 1...	OSADSISO	"X'08'" INDICATE DSISO TYPE OSE
.... .1..	OSAASA	"X'04'" ASA CONTROL CHARACTER 0327
.... ..1.	OSAMCH	"X'02'" MACHINE CONTROL CHARACTER 0327

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1476	(5C4)	X'1'	0	OSADSENF	"x'01'" SAPI Requested ENFs for this data set
1477	(5C5)	BITSTRING	1	OSANJE2	FLAG BYTE 0421
				Comment	
				---------- 0	
				DEFINITION OF OSANJE2 0	
				---------- 0	
				End of Comment	
		1...		OSAHOLD	"X'80'" DATA SET IS HELD
		.1..		OSAXSPDS	"X'40'" XMISSION STREAM HAS SPINOFF
		..1.		OSAJHNEW	"X'20'" OSBP IS REBUILDING JOB 0090 HEADER DUE TO USERID CHG 0090
		...1		OSASPNJN	"X'10'" Network job has spinoff job name
		.... 1...		OSATCP	"X'08'" TCP work under process in IATOSBP
		.... .1..		OSABDT	"X'04'" BDT work under process in IATOSBP
		.... ..1.		OSABFENF	"X'02'" Token change ENF signal is needed for this data set
		1		OSACTKN	"X'01'" Allocation token exists for this data set 0421
1478	(5C6)	BITSTRING	1	OSADSHNO	Dataset header index no.
1479	(5C7)	BITSTRING	1	OSAOSVS2	RESERVED FOR SERVICE
1480	(5C8)	BITSTRING	4	OSAOSVU2	RESERVED FOR USER
1484	(5CC)	BITSTRING	1	OSAHTYP	DATA SET HOLD TYPE 0108
1485	(5CD)	BITSTRING	1	OSAHRSN	DATA SET HOLD REASON 0108
1486	(5CE)	BITSTRING	8	OSAHMID	FSS/FSA RELDS MESSAGE ID 0108
1494	(5D6)	BITSTRING	6	OSAOSVD3	RESERVED FOR DEVELOPMENT 0108
1500	(5DC)	SIGNED	4	OSADSLIN	DATA SET LINE COUNT
1504	(5E0)	SIGNED	4	OSADSPAG	DATA SET PAGE COUNT
1508	(5E4)	SIGNED	4	OSADSREC	DATA SET RECORD COUNT
1512	(5E8)	SIGNED	4	OSADSBYT	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
1516	(5EC)	SIGNED	4	OSAXLNCT	TRANSMISSION LINE COUNT
1520	(5F0)	SIGNED	4	OSAXPGCT	TRANSMISSION PAGE COUNT
1524	(5F4)	SIGNED	4	OSAXRCCT	TRANSMISSION RECORD COUNT
1528	(5F8)	SIGNED	4	OSAXBYCT	Transmission 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
1532	(5FC)	SIGNED	2	OSADSCNT	TRANSMSSION DATA SET COUNT
1534	(5FE)	BITSTRING	1	OSAPRTY	OSE PRIORITY
1535	(5FF)	BITSTRING	1	OSAXPRTY	TRANSMSSION PRIORITY
1536	(600)	SIGNED	4	OSARSVS5	RESERVED FOR SERVICE 0055
1540	(604)	SIGNED	4	OSARSVS6	RESERVED FOR SERVICE 0055
1544	(608)	CHARACTER	8	OSAJDSJN	Job name from JDS
				Comment	
				---------- The following fields are used to update ONLY the dataset (DS) OSE for a BDT/TCP stream. ----------	
				End of Comment	
1552	(610)	CHARACTER	8	OSAFORMS	Forms
1560	(618)	CHARACTER	8	OSACARR	Carriage tape
1568	(620)	CHARACTER	8	OSADSID	Dataset identifier
1576	(628)	CHARACTER	8	OSAMODE	Process mode
1584	(630)	CHARACTER	4	OSAUCS	UCS id
1588	(634)	CHARACTER	4	OSAMODID	Copy modification id
1588	(634)	X'4'	0	OSANCHAR	"4" Number of Char translate ids
1592	(638)	CHARACTER	4	OSACHARS (0)	Chars
1608	(648)	CHARACTER	1	OSASTACK	Stacker

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1609	(649)	CHARACTER	1	OSACLASS	Class
1610	(64A)	CHARACTER	1	OSAMODRC	Copy mod ref char
1616	(650)	DBL WORD	8	(0)	
1616	(650)	BITSTRING	114	OSYUX66	IATYUX66 PARAMETER AREA
1730	(6C2)	BITSTRING	94	OSAYUX72	IATUX72 Parameter List
1824	(720)	SIGNED	4	OSARSVD1	Reserved for IBM 07405SXC
1828	(724)	SIGNED	4	OSASAVE1 (4)	Reg save area for OSDRDUPC 07405SXA
1848	(738)	DBL WORD	8	OSATGRPE	TCP group id in character
1856	(740)	CHARACTER	8	OSASTGRP	Saved TCP group id
1864	(748)	BITSTRING	8	OSARSVD3	Reserved for IBM
1872	(750)	SIGNED	4	OSASAVEB (2)	Save mainline base registers
1880	(758)	SIGNED	4	OSASAVER	Save return address
1884	(75C)	ADDRESS	4	OSAMSGA	Message storage area 06599SVC
1888	(760)	ADDRESS	4	OSATMPSV	Temporary save area 06599SVC
1892	(764)	SIGNED	4	OSARSVD2 (5)	Reserved for IBM 06599SVC
1912	(778)	BITSTRING	1	OSAEND (0)	END OF OSA DATA AREA
1912	(778)	BITSTRING	0	OSASIZE (0)	SIZE OF OSA DATA AREA

IATYOSA Cross Reference

Name

IATODDR
OSAASA
OSABDT
OSABDTS
OSABFENF
OSABGRPE
OSACARR
OSACHARS
OSACLASS
OSACTKN
OSADEVNO
OSADNPRN
OSADNPRR
OSADNPUN
OSADNPUR
OSADS
OSADSBYT
OSADSCNT
OSADSENF
OSADSH
OSADSHNO
OSADSID
OSADSISO
OSADSLIN
OSADSNUM
OSADSPAG
OSADSREC
OSAD2OFF
OSAEND
OSAFDBP
OSAFLAG5
OSAFL501
OSAFL502
OSAFL504
OSAFL508
OSAFL510
OSAFL520
OSAFL540
OSAFORMS
OSAHMID

Name

OSAHOLD
OSAHRSN
OSAHTYP
OSAJDSA
OSAJDSBH
OSAJDSBL
OSAJDSJN
OSAJH
OSAJHNEW
OSAJT
OSAMCH
OSAMODE
OSAMODID
OSAMODRC
OSAMSGA
OSANCHAR
OSANJE1
OSANJE2
OSANJHFD
OSANTDH
OSANTHT
OSAOSBP
OSAOSDOQ
OSAOSED
OSAOSEP
OSAOSVD3
OSAOSVS2
OSAOSVU2
OSAOTSWB
OSAPNDH
OSAPNJH
OSAPNJT
OSAPNWR
OSAPRTY
OSAPSEC
OSAPWA1
OSAPWA2
OSAPWA3
OSAPWA4
OSARMLFT
OSARMVOS
OSARQA
OSARSVD1
OSARSVD2
OSARSVD3
OSARSVS1
OSARSVS2
OSARSVS3
OSARSVS4
OSARSVS5
OSARSVS6
OSARSVS7
OSARSVS8
OSASAVEB
OSASAVER
OSASAVE1
OSASBGRP
OSASECBL
OSASEQNO
OSASIZE

Name

OSASPNJN
OSASTACK
OSASTART
OSASTCKH
OSASTCKL
OSASTGRP
OSASV13
OSASYSPA
OSATCP
OSATGRPE
OSATIME
OSATMPSV
OSATPID
OSAUCS
OSAUSRID
OSAXBYCT
OSAXLNCT
OSAXPGCT
OSAXPRTY
OSAXRCCT
OSAXSPDS
OSAYUX72
OSDCHALL
OSDCHEND
OSDCHJOB
OSDCHSEN
OSDCHST
OSDCHSTP
OSDEXOS4
OSDFDBSV
OSDFL401
OSDFL402
OSDFL404
OSDFL408
OSDHDJDO
OSDJDALL
OSDJDGIV
OSDJDJCL
OSDJDLOG
OSDJDMSG
OSDJDOSZ
OSDJESDS
OSDJSRCH
OSDNOSB4
OSDOBLDO
OSDOCFDB
OSDOFLG1
OSDOFLG2
OSDOFRP
OSDOFRPT
OSDOJDOP
OSDOJDSP
OSDOJOBB
OSDOMCPY
OSDOMDFL
OSDOMDST
OSDOMFRM
OSDOMPRY
OSDOMRS1
OSDOMRS2

Name

OSDOMWTR
OSDOM2DT
OSDOOSED
OSDOOSEM
OSDOOSM2

OSDOPMGV
OSDOSAVE
OSDOSCTP
OSDOSDR
OSDOSFDB

OSDOSTPB
OSDOSV01
OSDOSV02
OSDOSV03
OSDOSV04

OSDOSV05
OSDOSV06
OSDOSV07
OSDOSV08
OSDOSV09

OSDOSV10
OSDOSV11
OSDOSV12
OSDOTPID
OSDOWTRN

OSDPTCDE
OSDPTJDO
OSDRACMN
OSDRADD
OSDRBFLG

OSDRCOSE
OSDRCPZE
OSDRCSBC
OSDRCSBE
OSDRCTBO

OSDRCTBP
OSDRCTDV
OSDRCTER
OSDRCTFM
OSDRCTJS

OSDRCTKN
OSDRCTQO
OSDRCTRO
OSDRCTRT
OSDRCTSO

OSDRERFL
OSDRESAV
OSDRETRY
OSDRFDBP
OSDRFDBR

OSDRFDBS
OSDRFDBT
OSDRFDBU
OSDRFLAG
OSDRFLG2

OSDRFLG4
OSDRFPPR
OSDRFSLN
OSDRJBCD
OSDRJBJB

Name

OSDRJDOE
OSDRJDSC
OSDRJDSN
OSDRJDSP
OSDRJDVT

OSDRJMRH
OSDRMAJB
OSDRMAQ
OSDRNAM
OSDRNCTK

OSDRNDON
OSDRNJEJ
OSDRNJEO
OSDRNJE1
OSDRNJE2

OSDRNJOP
OSDRNJPR
OSDRNJPU
OSDRNOWT
OSDRN201

OSDRN202
OSDRN204
OSDRN208
OSDRN210
OSDRN220

OSDRORG
OSDRORG2
OSDROSEC
OSDROSEH
OSDROSEN

OSDROSES
OSDROSEW
OSDROSW
OSDRPCAN
OSDRPOOL

OSDRQMOD
OSDRQRET
OSDRRDON
OSDRRQH
OSDRSDON

OSDRSECH
OSDRSEND
OSDRSEQS
OSDRSEQU
OSDRSNA

OSDRSNAE
OSDRSNAO
OSDRSPN
OSDRSWTR
OSDRTCP

OSDRTCPA
OSDRTCPO
OSDRTCPP
OSDRUJCT
OSDRWOSE

OSDRXARQ
OSDRYWSP
OSDR26UP
OSFLG201
OSFLG202

IATYOSA Cross Reference

Name
OSFLG204
OSFLG208
OSFLG210
OSFLG220
OSFLG240
OSYUX66

IATYOSB Information

IATYOSB Programming Interface information

Programming Interface information

IATYOSB

End of Programming Interface information

IATYOSB Heading Information

Common Name: Output Service BDT/TCP Parameter List and IATOSBM work area.
Macro ID: IATYOSB
DSECT Name: OSBSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: OSB
Offset: 0
Length: 4
Storage Attributes: Subpool: 0
Key: 1
Residency: ANY
Size: 136 Bytes
Created by: IATBDCI
IATNTTDR (TCP/IP driver)
IATOSBM
Pointed to by: BDCIPRML (IN IATBDCI)
TCPPRML (in IATYTCP)
Serialization: None
Function: THIS AREA MAPS THE PARAMETER LIST
USED TO COMMUNICATE WITH THE OUTPUT
Service BDT/TCP Manager (IATOSBM). It is
ALSO USED AS A WORK AREA BY IATOSBM.

IATYOSB Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	OSBSTART	DSECT START OF OSB DATA AREA
0	(0)	CHARACTER	4	OSBID	PARAMETER LIST IDENTIFIER
4	(4)	ADDRESS	4	OSBTCPA	Address of TCP data area
8	(8)	CHARACTER	8	OSBTIME	STCK CLOCK VALUE
16	(10)	CHARACTER	8	OSBDEST	DESTINATION (FINAL)
24	(18)	CHARACTER	8	OSBPATH	NEXT DESTINATION (PATH)
32	(20)	CHARACTER	8	OSBGRPID	BDT/TCP group identifier
40	(28)	CHARACTER	8	OSBJOBNM	JOB NAME
48	(30)	CHARACTER	8	OSBJBID	JOB ID IN EBCDIC
56	(38)	CHARACTER	4	OSBJNUM	JOB NUMBER IN EBCDIC
60	(3C)	ADDRESS	4	OSBSECAD	IATYSEC DATA AREA POINTER
64	(40)	SIGNED	4	OSBJOBNO	Job number in binary
68	(44)	SIGNED	4	OSBJBDTN	JES3 BDT/TCP job number
72	(48)	SIGNED	4	OSBOSEB4	OSE buffer from the OSS
76	(4C)	SIGNED	4	OSBRQADR	RQ address for JESTAE
80	(50)	SIGNED	2	OSBRSVD3 (3)	Reserved for IBM
86	(56)	SIGNED	2	OSBBDTNO	BDT job number
88	(58)	BITSTRING	2	OSBPRTYE	PRIORITY IN EBCDIC
90	(5A)	BITSTRING	1	OSBPRTY	PRIORITY IN BINARY
91	(5B)	BITSTRING	1	OSBRSVS1	RESERVED FOR SERVICE

Comment

OSBBFLG1 IS A STATUS BYTE INDICATING THE TYPE
OF NETWORK WORK FOUND. THE OSBBFLG1 FIELD IS
CREATED FROM THE OSS FIELD OSSBFLG1. THE OSS
FIELD OSSBFLG1 IS CREATED FROM THE OSE FIELD
OSEBFLG1. THE ONLY BITS THAT ARE RELEVANT FOR
IATBDCI ARE OSBJTYPE AND OSBSTYPE.

End of Comment

92	(5C)	BITSTRING	1	OSBBFLG1	FLAG BYTE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- DEFINITION OF OSBBFLG1 ----------	
				End of Comment	
92	(5C)	X'80'	0	OSBBDT	"OSSBDT" OSE IS FOR BDT
92	(5C)	X'40'	0	OSBJTYPE	"OSSJTYPE" NETWORK JOB STREAM
92	(5C)	X'20'	0	OSBSTYPE	"OSSSTYPE" NETWORK SYSOUT STREAM
92	(5C)	X'10'	0	OSBJH	"OSSJH" JOB HEADER OSE
92	(5C)	X'8'	0	OSBDSH	"OSSDSH" DATASET HEADER OSE
92	(5C)	X'4'	0	OSBDS	"OSSDS" SYSOUT DATASET OSE
92	(5C)	X'2'	0	OSBJT	"OSSJT" JOB TRAILER OSE
				Comment	
				---------- OSBBFLG2 IS A STATUS BYTE INDICATING THE STATE OF THE NETWORK JOB. THE OSBBFLG2 FIELD IS CREATED FROM THE OSS FIELD OSSBFLG2. THE OSS FIELD OSSBFLG2 IS CREATED FROM THE OSE FIELD OSEBFLG2. ----------	
				End of Comment	
93	(5D)	BITSTRING	1	OSBBFLG2	FLAG BYTE
				Comment	
				---------- DEFINITION OF OSBBFLG2 The OSBBFLG2 flag is a replica of OSSBFLG2. However, the flag bits OSSBCAN and OSSAROUT in OSSBFLG2 is not relevent for OSBBFLG2. So those two bits are reserved and set as 'DO NOT USE' in OSBBFLG2. ----------	
				End of Comment	
93	(5D)	X'80'	0	OSBBSENT	"OSSBSENT" Transaction sent to BDT/TCP
93	(5D)	X'40'	0	OSBBQUED	"OSSBQUED" Transaction queued by BDT/TCP
		..1.		OSBBF220	"X'20'" Reserved - DO NOT USE
		...1		OSBBF210	"X'10'" Reserved - DO NOT USE
93	(5D)	X'8'	0	OSBTCP	"OSSTCP" OSE is for TCP
		.... .1..		OSBBF204	"X'04'" Reserved for IBM
		.... ..1.		OSBBF202	"X'02'" Reserved for IBM
		1		OSBBF201	"X'01'" Reserved for IBM
				Comment	
				---------- THE OSBBFLG3 FLAG IS SET BY THE IATXOSBM MACRO. THE TYPE KEYWORD PARAMETER WILL DETERMINE WHICH FLAG GETS SET. ----------	
				End of Comment	
94	(5E)	BITSTRING	1	OSBBFLG3	FLAG BYTE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- DEFINITION OF OSBBFLG3 ----------	
				End of Comment	
		1...		OSBGETRQ	"X'80'" GET REQUEST
		.1..		OSBPUTRQ	"X'40'" PUT REQUEST
		..1.		OSBRECRQ	"X'20'" RECOVERY REQUEST
		...1		OSBINQRQ	"X'10'" INQUIRY REQUEST
		.... ..1.		OSBNRMRC	"X'02'" NORMAL RECOVERY REQUEST
		1		OSBABNRC	"X'01'" ABNORMAL RECOVERY REQUEST
94	(5E)	X'F0'	0	OSBVALRQ	"OSBGETRQ+OSBPUTRQ+OSBRECRQ+OSBINQRQ" VALID IATOSBM REQUESTS
				Comment	
				---------- THE OSBBFLG4 FLAG IS USED BY IATOSBM TO KEEP TRACK OF WHAT IS HAPPENING IN THE MODULE. ----------	
				End of Comment	
95	(5F)	BITSTRING	1	OSBBFLG4	FLAG BYTE
				Comment	
				---------- DEFINITION OF OSBBFLG4 ----------	
				End of Comment	
		1...		OSBOSELK	"X'80'" RQ OSE LOCK HELD
		.1..		OSBOKRET	"X'40'" TAKE GOOD RETURN TO CALLER
		..1.		OSBOSEWR	"X'20'" OSE WRITE IS OUTSTANDING
		...1		OSBPFAIL	"X'10'" FAILURE OCCURRED
		.... 1...		OSBRECR	"X'08'" RECURSION FLAG
		.... .1..		OSBRQCMP	"X'04'" REQUEST IS COMPLETE
		.... ..1.		OSBCANWK	"X'02'" INTERCOM CANCEL CMD TO BDT
		1		OSBHLDJB	"X'01'" HOLD JOB DUE TO DATA SET SECURITY FAILURE
				Comment	
				---------- THE OSBBFLG5 FLAG IS USED BY CALLER TO: 1. OSBMPEND IS USED TO MARK WORK PENDING A CALLER. THIS IS USED BY THE CALLER SO THAT SUBSEQUENT INQUIRY CALLS FIND A UNIT OF WORK ONLY ONCE. 2. OSBSPEND IS USED TO SEARCH FOR WORK THAT IS MARKED PENDING. THIS IS USED BY A CALLER TO SELECT WORK ONLY ONCE. 3. OSBBHOLD IS USED TO INDICATE THAT THE CALLER would like to see BDT/TCP OSEs that are held. 4. OSBOLOCK is used to indicate that the caller 06900SVA set the RQ OSE lock. 06900SVA 06685SVA ----------	
				End of Comment	
96	(60)	BITSTRING	1	OSBBFLG5	FLAG BYTE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- DEFINITION OF OSBBFLG5 ----------	
				End of Comment	
		1...		OSBMPEND	"X'80'" MARK WORK PENDING
		.1..		OSBSPEND	"X'40'" SEARCH FOR WORK MARKED PEND
		..1.		OSBBHOLD	"X'20'" INDICATE ALRIGHT TO SELECT WORK IN OPERATOR HOLD
		...1		OSBOLOCK	"X'10'" RQ OSE lock set by caller 06900SVA
		.... 1...		OSBFL508	"X'08'" Reserved for IBM 06685SVA
		.... .1..		OSBFL504	"X'04'" Reserved for IBM 06685SVA
		.... ..1.		OSBFL502	"X'02'" Reserved for IBM 06685SVA
		1		OSBFL501	"X'01'" Reserved for IBM 06685SVA 06900SVA
				Comment	
				---------- 06900SVA The OSBBFLG6 flag (like OSBBFLG4) is used by IATOSBM 06900SVA to keep track of what is happening in the module. 06900SVA ---------- 06900SVA	
				End of Comment	
97	(61)	BITSTRING	1	OSBBFLG6	Flag byte 6 06900SVA
				Comment	
				---------- 06900SVA Definition of OSBBFLG6 06900SVA ---------- 06900SVA	
				End of Comment	
		1...		OSBAGAIN	"X'80'" Start search from top again 06900SVA for TCP/NJE transaction 06900SVA
		.1..		OSBEVENP	"X'40'" Even pass to search 06900SVA for TCP/NJE transaction 06900SVA
		..1.		OSBFL620	"X'20'" Reserved for IBM 06900SVA
		...1		OSBFL610	"X'10'" Reserved for IBM 06900SVA
		.... 1...		OSBFL608	"X'08'" Reserved for IBM 06900SVA
		.... .1..		OSBFL604	"X'04'" Reserved for IBM 06900SVA
		.... ..1.		OSBFL602	"X'02'" Reserved for IBM 06900SVA
		1		OSBFL601	"X'01'" Reserved for IBM 06900SVA
98	(62)	BITSTRING	2	OSBRSFLG	Reserved for flag bytes 06900SVC
100	(64)	SIGNED	4	OSBRSVD4 (2)	RESERVED FOR DEVELOPMENT
108	(6C)	SIGNED	4	OSBWRKA	Work area address 06977SVC
112	(70)	SIGNED	2	OSBWRKSZ	Work area size 06977SVC
114	(72)	BITSTRING	1	OSBF3SAV	Save area for OSBBFLG3 0075
115	(73)	BITSTRING	5	OSBRSVD5	Reserved for development 06977SVC 06977SVD
120	(78)	BITSTRING	2	OSBRSVS2	RESERVED FOR SERVICE
122	(7A)	BITSTRING	2	OSBRSVU1	RESERVED FOR USER
				Comment	
				---------- IATOSBM WORK AREAS ----------	
				End of Comment	
124	(7C)	BITSTRING	12	OSBWKFDB	WORK OSE FDB
136	(88)	BITSTRING	12	OSBNXFDB	NEXT OSE FDB
148	(94)	SIGNED	4	OSBEND (0)	END OF OSB DATA AREA
148	(94)	BITSTRING	1	OSBSIZE (0)	SIZE OF OSB LIST

IATYOSB Cross Reference

Name

OSBABNRC
OSBAGAIN
OSBBDT
OSBBDTNO
OSBBFLG1
OSBBFLG2
OSBBFLG3
OSBBFLG4
OSBBFLG5
OSBBFLG6
OSBBF201
OSBBF202
OSBBF204
OSBBF210
OSBBF220
OSBBHOLD
OSBBQUED
OSBBSENT
OSBCANWK
OSBDEST
OSBDS
OSBDSH
OSBEND
OSBEVENP
OSBFL501
OSBFL502
OSBFL504
OSBFL508
OSBFL601
OSBFL602
OSBFL604
OSBFL608
OSBFL610
OSBFL620
OSBF3SAV
OSBGETRQ
OSBGRPID
OSBHLDJB
OSBID
OSBINQRQ
OSBJBDTN
OSBJBID
OSBJH
OSBJNUM
OSBJOBNM
OSBJOBNO
OSBJT
OSBJTYPE
OSBMPEND
OSBNRMRC
OSBNXFDB
OSBOKRET
OSBOLOCK
OSBOSEB4
OSBOSELK

Name

OSBOSEWR
OSBPATH
OSBPFAIL
OSBPRTY
OSBPRTYE

OSBPUTRQ
OSBRECR
OSBRECRQ
OSBRQADR
OSBRQCMP

OSBRSFLG
OSBRSVD3
OSBRSVD4
OSBRSVD5
OSBRSVS1

OSBRSVS2
OSBRSVU1
OSBSECAD
OSBSIZE
OSBSPEND

OSBSTART
OSBSTYPE
OSBTCP
OSBTCPA
OSBTIME

OSBVALRQ
OSBWKFDB
OSBWRKA
OSBWRKSZ

IATYOSC Information

IATYOSC Programming Interface information

Programming Interface information

IATYOSC

End of Programming Interface information

IATYOSC Heading Information

Common Name: Output Service Checkpoint
Macro ID: IATYOSC
DSECT Name: None
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Subpool: N/A
Key: N/A
Residency: Any
Size: OSCSIZE
Created by: N/A
Pointed to by: N/A
Serialization: N/A
Function: Contains the user portion of the Single-Record File header.

IATYOSC Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	OSCSTART	
0	(0)	BITSTRING	6	OSCTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	OSCCNT	USER COUNT.
8	(8)	CHARACTER	4	OSCID	FILE ID.
12	(C)	BITSTRING	12	OSCCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	OSCVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	OSCDATA (0)	START OF USER DATA AREA.
28	(1C)	BITSTRING	12	OSCJDAB	Job zero JDAB FDB
40	(28)	BITSTRING	12	OSCJDSFD	Job zero JDS FDB
52	(34)	BITSTRING	1	OSCOSEFD	Job zero OSE FDB

IATYOSD Information

IATYOSD Heading Information

Common Name: Output Service Resident Data Area
Macro ID: IATYOSD
DSECT Name: OSDSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: OSD
Offset: OSDID-OSDSTART
Length: L'OSDID
Storage Attributes: Auxiliary Storage: JES3 checkpoint
IATINJB moves OSD into checkpoint area.

IATINIC reinitializes OSD from checkpoint area on a hot start.
Subpool: 0 (JES3NUC -- IATOSDA)
Key: 1 (JESKEY)
Residency: ANY
Size: OSDTOTL
Created by: Fields filled in by IATINOS
Pointed to by: TVTYOSD in IATYTVT
Serialization: NONE
Function: This area contains default information used by IATOSDR to build OSEs. The IATYOSD data area is also accessible to all writers and contains some information that is common to all writers.

IATYOSD Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATOSDA	
0	(0)	SIGNED	4	OSDSTART (0)	BEGINNING OF DATA AREA

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		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

OUTSERV INITITALIZATION STATEMENT VALUES ARE STORED
IN THE OSD BY IATINOS. LABEL OSDSTRT INDICATES THE 0
START OF THE OSD AREA THAT IS CHECKPOINTED. 0

End of Comment

36	(24)	SIGNED	4	OSDSTRT (0)	BEGINNING OF DATA AREA
36	(24)	SIGNED	2	OSDRSVDA	RESERVED FOR DEVELOPMENT
38	(26)	CHARACTER	4	OSDID	CONTROL BLOCK ID
42	(2A)	CHARACTER	8	OSDCARDS	STANDARD CARD STOCK
50	(32)	CHARACTER	8	OSDCARR	STANDARD CARRIAGE TAPE/FCB
58	(3A)	CHARACTER	8	OSDFORMS	STANDARD PRINTER FORMS

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
66	(42)	CHARACTER	8	OSDTRAIN	STANDARD UCS/TRAIN
74	(4A)	CHARACTER	8	OSDMODE	DEFAULT PROCESS MODE
82	(52)	BITSTRING	16	OSDWSMSK (0)	LENGTH ATTRIBUTE FOR INISH.
82	(52)	ADDRESS	1	(16)	
98	(62)	BITSTRING	1	OSDRSVAA (2)	RESERVED FOR DEVELOPMENT
100	(64)	ADDRESS	4	OSDDMCCP	WTR-DMC CPB PRIMARY
104	(68)	BITSTRING	4	OSDRSVS	RESERVED FOR SERVICE
108	(6C)	ADDRESS	4	OSDPPQA	ADDR OF CELL POOL BLOCK FOR ALL 3800 PENDING PAGE QUEUES
112	(70)	ADDRESS	4	OSDPAB	ADDR OF FIRST PPQ ATTRIBUTES BLOCK
116	(74)	ADDRESS	4	OSDPDQA	ADDR OF PDQ CELL POOL BLOCK FOR FSS SUPPORTED PRINTERS
120	(78)	ADDRESS	4	OSDCPBAD	ADDRESS OF BAD CELL POOL
124	(7C)	CHARACTER	4	OSDCHARS	STANDARD CHAR ARRANGEMENT
140	(8C)	CHARACTER	4	OSDFLASH	STANDARD FLASH ID
144	(90)	CHARACTER	4	OSDMODID	STANDARD COPY MODIFY ID
148	(94)	SIGNED	4	OSDOTFCT	NUMBER OF OUTSERV FCTS
152	(98)	ADDRESS	4	OSDOSECH	ADDRESS OF FIRST MOSE
156	(9C)	ADDRESS	4	OSDOSEPL	ADDRESS OF MOSE POOL
160	(A0)	ADDRESS	4	OSEOSSCH	ADDRESS OF AVAIL OSS ENTRY
164	(A4)	ADDRESS	4	OSDOSSPL	ADDRESS OF OSS POOL (LARGE)
168	(A8)	ADDRESS	1	OSDFLCNT	STANDARD FLASH COUNT
169	(A9)	CHARACTER	1	OSDMODRC	STD COPY MODIFY REF CHAR
170	(AA)	CHARACTER	1	OSDSTACK	STANDARD STACKER
171	(AB)	BITSTRING	1	OSDRSVS1	RESERVED FOR SERVICE
172	(AC)	SIGNED	4	OSDTHRES	DEFAULT TRESHOLD COUNT
176	(B0)	BITSTRING	1	OSDRSVS2	RESERVED FOR SERVICE
177	(B1)	BITSTRING	1	OSDRSVU (2)	RESERVED FOR USER
179	(B3)	BITSTRING	37	OSDWCLEN (0)	WRITER CLASS LIST
216	(D8)	BITSTRING	8	OSDORG2	SECONDARY ORIGIN
224	(E0)	BITSTRING	1	OSDRXXX1	XXX FLAG FIELD
225	(E1)	BITSTRING	3	OSDRXXH1	RESERVED FOR DEVELOPMENT
228	(E4)	CHARACTER	1	OSDCLRPT	CLEAR PRINTER (CB) OPTION
229	(E5)	BITSTRING	1	OSDRFLG1	FLAG FIELD

Comment

DEFINITION OF OSDRFLG1

End of Comment

1...	OSDNNPRO	"X'80'" NPRO SIMULATION
.1..	OSDRDONE	"X'40'" OUTPUT SERVICE RESTART DONE
..1.	OSDRREST	"X'20'" OUTSERV RESPONDING TO RESTART PROCESSING
...1	OSDRSTTR	"X'10'" STT OSE EXISTS (JOB 0 OSE'S 2727 INVOLVED IN AN FSS PIPE) 2727
.... 1...	OSDROSRE	"X'08'" Error in FSS OSR Build process
.... .1..	OSDRSOER	"X'04'" Error in SAPI OSR Build process
.... ..1.	OSDSCWIC	"X'02'" SAPI COW Dataspace Service initialization Complete
....1	OSDEXTON	"X'01'" Extended OSE sequence 07369SZC numbers not allowed 07369SZC

Comment

0

End of Comment

230	(E6)	BITSTRING	1	OSDRFLG3	FLAG FIELD 0202

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		---------- 0			
		DEFINITION OF OSDRFLG3 0			
		---------- 0			
		End of Comment			
		1...		OSDROUTF	"X'80'" AN OUTSERV FCT FINISHED 0202 RESTART PROCESSING 0202
		.1..		OSDBREC	"X'40'" OSBM BDT RECOVERY IN PROCESS0349
		..1.		OSDRSNAG	"X'20'" DSISO DATASETS WITH SNA/NJE DESTINATION SHOULD BE GROUPED TOGETHER
		...1		OSDRF310	"X'10'" Reserved for IBM 06599SVC
		.... 1...		OSDDM754	"X'08'" DM754 TAKEN IN IATGRRQ
		.... .1..		OSDMODED	"X'04'" Delete SEEs for modified OSE var entries
		.... ..1.		OSDSMULT	"X'02'" Delete SEEs for all chained OSEs
		1		OSDRF301	"X'01'" Reserved for IBM
231	(E7)	BITSTRING	1	OSDSECF	Serialized ECF for SAPI and PSO work to do. Use CS or OIL and NIL only
		Comment			

		Post definitions for OSDSECF			

		End of Comment			
		1...		OSDPSOPS	"X'80'" PSO new msg post DLOCON
		.1..		OSDHTXWT	"X'40'" PSO new work avail OUTSERV
		..1.		OSDPGWT	"X'20'" PSO purge post
		...1		OSDSAPTP	"X'10'" SAPI new msg post DLOCON
		.... 1...		OSDSAPOP	"X'08'" SAPI new work avail OUTSERV
		.... .1..		OSDSAPTR	"X'04'" SAPI termination post
		.... ..1.		OSDSECF2	"X'02'" Reserved
		1		OSDSECF1	"X'01'" Reserved
232	(E8)	SIGNED	4	OSDNPRO	RUNOUT INTERVAL IN SECONDS
236	(EC)	SIGNED	4	OSDRAOSR	IN-CORE ADDR OF GET/FREE MOD
240	(F0)	CHARACTER	8	OSDRNOSR	NAME OF GET/FREE CELL ROUTINE
248	(F8)	SIGNED	4	OSDRESQ	ADDRESS OF OUTSERV RESQUEUE
252	(FC)	SIGNED	4	OSDOTCNT	NUMBER OF OUTSERV FCT'S. THIS NUMBER IS DECREMENTED TO ZERO IN IATOSDR SO THAT OS RESTART PROCESSING IS NOT PREMATURELY FINISHED.
256	(100)	ADDRESS	4	OSDOSSPS	ADDRESS OF OSS POOL (SMALL)
260	(104)	ADDRESS	4	OSDBMOSE	Address of first BDT MOSE
264	(108)	ADDRESS	4	OSDTMOSE	Address of first TCP MOSE 06599SVC
268	(10C)	ADDRESS	4	OSD9351A	IAT9351 console buffer addr.06599SVA 06599SVA
272	(110)	BITSTRING	1	OSDRFLG5	Flag byte 5 06599SVA
		Comment			
		---------- 06599SVA			
		Definition of OSDRFLG5 06599SVA			
		---------- 06599SVA			
		End of Comment			
		1...		OSDRNTSV	"X'80'" Outserv responding to 06599SVM Netserv start 06599SVM
		.1..		OSDRRLSE	"X'40'" Outserv post required to 06599SVA process job released 06599SVA by Netserv 06599SVA
		..1.		OSDRNVND	"X'20'" No Netserv defined 06599SVA
		...1		OSDRNVNA	"X'10'" No Netserv active 06599SVA
		.... 1...		OSDRF508	"X'08'" Reserved for IBM 08028SXC
		.... .1..		OSDRF504	"X'04'" Reserved for IBM 06599SVA

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... ..1.		OSDRF502	"X'02'" Reserved for IBM 06599SVA
		1		OSDRF501	"X'01'" Reserved for IBM 06599SVA 06599SVA
273	(111)	BITSTRING	3	OSDRRSV1	Reserved for IBM 06599SVA 06599SVA
276	(114)	SIGNED	4	OSDRSDD1 (45)	Reserved for IBM 06599SVA
456	(1C8)	SIGNED	4	OSDRSSS1 (50)	RESERVED FOR SERVICE 0200
656	(290)	SIGNED	4	OSDRSSU1 (50)	RESERVED FOR USER 0200
856	(358)	BITSTRING	1	OSDEND (0)	END OF DATA AREA CHECKPOINTED IATINJB USES OSDEND TO FIND THE SIZE OF THE OSD TO CHECKPOINT
856	(358)	BITSTRING	1	OSDSIZE (0)	SIZE OF OSD DATA AREA THAT 0063 IS CHECKPOINTED

Comment

FIELDS THAT CAN NOT BE CHECKPOINTED MUST BE PLACED
IN THE OSD AFTER THE OSDEND LABEL.

End of Comment

856	(358)	SIGNED	4	OSDSTRT2 (0)	START OF AREA NOT CHECKPOINTED
856	(358)	ADDRESS	4	OSDRWTRV	"V(WTR)" ADDRESS OF WRITER DSPDC
860	(35C)	ADDRESS	4	OSDROTSV	"V(OUTSERV)" ADDRESS OF OUTSERV DSPDC
864	(360)	ADDRESS	4	OSDOSDOQ	"V(OSDOQOSE)" QUEUE OSE ROUTINE IN IATOSDO
868	(364)	ADDRESS	4	OSDPRTBL	PROCESS MODE CONTROL TABLE
872	(368)	ADDRESS	4	OSDOBDTC	"V(CANBDTWK)" ADDRESS OF CANBDTWK ROUTINE IN IATOSOR
876	(36C)	ADDRESS	4	OSDSPOOL	"V(OSDRSOSE)" ADDRESS OF OSDRSOSE ROUTINE 0681
880	(370)	ADDRESS	4	OSDRSNAA	"V(OSBPRECV)" ADDRESS OF OSBPRECV ROUTINE 0681
884	(374)	ADDRESS	4	OSDRSNAB	"V(OSDRSNAF)" ADDRESS OF OSDRFSNA ROUTINE 0681
888	(378)	ADDRESS	4	OSDRQSNA	"V(QBDTOSE)" ADDRESS OF QBDTOSE ROUTINE IN IATOSOR
892	(37C)	ADDRESS	4	OSDRLSNA	"V(CRBDTOSE)" ADDRESS OF CRBDTOSE ROUTINE IN IATOSOR
896	(380)	ADDRESS	4	OSDRCSNA	"V(CUBDTOSE)" ADDRESS OF CUBDTOSE ROUTINE IN IATOSOR
900	(384)	ADDRESS	4	OSDRPSO	"V(PSODSP)" ADDRESS OF PSO DSPDC
904	(388)	ADDRESS	4	OSDRW100	"V(GRWPW100)" ADDRESS OF GRWPW100 ROUTINE
908	(38C)	ADDRESS	4	OSDDXEGP	"V(OSGRX000)" ADDRESS OF OSGRX000 ROUTINE 0125 0012
912	(390)	ADDRESS	4	OSDDXEFQ	DXE FREE QUEUE HEADER 0012 0012
916	(394)	ADDRESS	4	OSDRDSDL	"V(DSDELETE)" ADDRESS OF DSDELETE ROUTINE IN IATOSOR
920	(398)	ADDRESS	4	OSDRDSCL	"V(DSCLASUP)" ADDRESS OF DSCLASUP ROUTINE IN IATOSOR
924	(39C)	ADDRESS	4	OSDRDSDT	"V(DSDESTUP)" ADDRESS OF DSDESTUP ROUTINE IN IATOSOR
928	(3A0)	ADDRESS	4	OSDRUX20	"V(INITUX20)" ADDRESS OF INITUX20 ROUTINE IN IATOSGR
932	(3A4)	ADDRESS	4	OSDRREL	"V(RELUX20)" ADDRESS OF RELUX20 ROUTINE D015 IN IATOSGR D015
936	(3A8)	ADDRESS	4	OSDPFAIL	"V(PURGFAIL)" ADDRESS OF PURGFAIL ROUTINE IN IATOSGR
940	(3AC)	ADDRESS	4	OSDRSWBU	"V(SWBUPDTE)" ADDRESS OF SWBUPDTE ROUTINE 0146 in IATOSSWB
944	(3B0)	ADDRESS	4	OSDPSOSC	"V(PSOSCHED)" Address of PSOSCHED routine in IATOSOR
948	(3B4)	ADDRESS	4	OSDSAPSC	"V(SAPISCHD)" Address of SAPISCHD routine in IATOSOR
952	(3B8)	ADDRESS	4	OSDSAPID	"V(SAPIDSP)" Address of SAPI DSP dic
956	(3BC)	ADDRESS	4	OSDSAPTQ	Anchor of SAPI Application Termination Entries (IATYSAT)

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
960	(3C0)	ADDRESS	4	OSDRSWBR	"V(SWBRETRV)" Address of SWBRETRV routine in IATOSSWB
964	(3C4)	ADDRESS	4	OSDMU1ST	First IATYMOOS on the pending *MODIFY,U request queue
968	(3C8)	ADDRESS	4	OSDMULST	Last IATYMOOS on the pending *MODIFY,U request queue
972	(3CC)	ADDRESS	4	OSDSRINK	"V(OSES000)" Address of OSES000 routine in IATOSOR
976	(3D0)	ADDRESS	4	OSDSCTUP	"V(DSSCTUP)" Address of SCT update routine in IATOSOR
980	(3D4)	ADDRESS	4	OSDDFOSE	"V(DEFLTOSE)" Address of default OSE routine in IATOSOR
984	(3D8)	ADDRESS	4	OSDDDFA	Address of destination 0008 definitions 0008
988	(3DC)	SIGNED	4	OSDALET	OST data space ALET
992	(3E0)	ADDRESS	4	OSDLKUP	"V(DESTLKUP)" Address of DESTLKUP routine 0008 in IATOSOR 0008
996	(3E4)	ADDRESS	4	OSDJERR	"V(OSGRJERR)" JESREAD error entry point in IATOSGR
1000	(3E8)	ADDRESS	4	OSDCSBRV	"V(CSBTRECV)" OSE CSBT Recovery entry pt. in IATOSOR
1004	(3EC)	ADDRESS	4	OSDJDSX	"V(OSORJDSX)" OSEJDSPT translate routine 0023 in IATOSOR 0023
1008	(3F0)	ADDRESS	4	OSDPSTNA	"V(PSTNTTDR)" Netserv post routine in IATOSDR
1012	(3F4)	ADDRESS	4	OSDTJPA	"V(TCPJOBP)" TCP/IP n/w job processing routine in IATOSOR
1016	(3F8)	ADDRESS	4	OSDOSOR2	"V(IATOSOR2)" Address of IATOSOR2 07345SZC
1016	(3F8)	X'4'	0	OSDOSTFD	"4,4" Offset to IATXOSTF address 07345SZC
1016	(3F8)	X'8'	0	OSDCNTCP	"8,4" Offset to CANTCPWK address 07345SZA
1016	(3F8)	X'C'	0	OSDASRSV	"12,4" Offset to ASRSERVC address 07345SZC
1016	(3F8)	X'10'	0	OSDRTNTG	"16,4" Offset to RTNTCPGP address 07081SXC
1016	(3F8)	X'14'	0	OSDOSESP	"20,4" Offset to OSESPLIT address
1020	(3FC)	SIGNED	4	OSDRSDD4 (2)	Reserved for IBM 07345SZA
1028	(404)	ADDRESS	4	OSDGRFAL	"V(OSGRFAIL)" OSGRFAIL routine in IATOSGR
1032	(408)	SIGNED	4	OSDRSDD2 (14)	Reserved for development
1088	(440)	ADDRESS	4	OSDSEEGP	"V(OSGRS000)" Address of SEE routine in IATOSGR
1092	(444)	ADDRESS	4	OSDWCSUP	"V(WRITCSUP)" OST update routine in IATOSOR WRITEOSE
1096	(448)	SIGNED	4	OSDRSSS2 (15)	Reserved for service 0012
1156	(484)	SIGNED	4	OSDRSECP	SEE data space CPB addr.

Comment

Data fields need for SAPI Exclusion Element create routine in IATOSGR (IATXSEE FUNC=CREATE).

End of Comment

1160	(488)	SIGNED	4	OSDRSBF4	OSE buffer number
1164	(48C)	SIGNED	2	OSDRSVAR	OSE variable entry offset 06357SUC
1166	(48E)	SIGNED	2	OSDRSDSO	OSE dataset entry offset 06357SUC
1168	(490)	SIGNED	4	OSDMXOSE	Maximum OSE sequence number 07369SZC
1172	(494)	SIGNED	4	OSDMXOSD	Maximum OSE sequence number 07369SZA for dynamic allocations 07369SZA
1176	(498)	SIGNED	4	OSDRSDD3 (13)	Reserved for development 07369SZC
1228	(4CC)	SIGNED	4	OSDRSSS3 (14)	Reserved for service

Comment

Entry point address for IATOSSW2.

End of Comment

1284	(504)	ADDRESS	4	OSDOSSW2	"V(IATOSSW2)" IATOSSW2 entry point address
1284	(504)	X'4'	0	OSDCMPT	"4,4" Offset to SWBCMPT address

IATYOSD Cross Reference

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1284	(504)	X'8'	0	OSDSPLCE	"8,4" Offset to SWBSPLCE address
1284	(504)	X'C'	0	OSDGET	"12,4" Offset to SWBGET address
1284	(504)	X'10'	0	OSDSPLIT	"16,4" Offset to SWBSPLIT address
1284	(504)	X'14'	0	OSDMERGE	"20,4" Offset to SWBMERGE address
1284	(504)	X'18'	0	OSDGETTU	"24,4" Offset to SWBGETTU address
1284	(504)	X'1C'	0	OSDWRITE	"28,4" Offset to SWBWRITE address

Comment

RESERVED NAME TABLE: Each entry is a reserved destination name. The table is terminated by an entry of Foxes (X'FFFFFFFFFFFFFFFF').

End of Comment

1288	(508)	SIGNED	2	OSDRNTBL (0)	
1288	(508)	CHARACTER	8	OSDRNTNM (0)	Reserved Name Entry
1288	(508)	CHARACTER	8	OSDRNTR1	
1296	(510)	CHARACTER	8	OSDRNTR2	
1304	(518)	CHARACTER	8	OSDRNTR3	Reserved Dest Name
1312	(520)	BITSTRING	1	OSDRNTFF (8)	Terminator of Table
1312	(520)	X'528'	0	OSDRNTED	"*" End of the Reserved Name Table
1320	(528)	SIGNED	4	OSDRSSU2 (50)	RESERVED FOR USER
1520	(5F0)	BITSTRING	1	OSDEND2 (0)	END OF AREA NOT CHECKPOINTED
1520	(5F0)	BITSTRING	0	OSDSIZE2 (0)	SIZE OF OSD DATA AREA THAT IS NOT CHECKPOINTED
1520	(5F0)	BITSTRING	1	OSDTOTL (0)	TOTAL SIZE OF THE OSD

IATYOSD Cross Reference

Name

IATOSDA
OSDALET
OSDASRSV
OSDBMOSE
OSDBREC

OSDCARDS
OSDCARR
OSDCHARS
OSDCLRPT
OSDCMPT

OSDCNTCP
OSDCPBAD
OSDCSBRV
OSDDDFA
OSDDFOSE

OSDDMCCP
OSDDM754
OSDDXEFQ
OSDDXEGP
OSDEND

OSDEND2
OSDEXTON
OSDFLASH
OSDFLCNT
OSDFORMS

OSDGET
OSDGETTU
OSDGRFAL
OSDHTXWT
OSDID

Name

OSDJDSX
OSDJERR
OSDLKUP
OSDMERGE
OSDMODE
OSDMODED
OSDMODID
OSDMODRC
OSDMULST
OSDMU1ST
OSDMXOSD
OSDMXOSE
OSDNNPRO
OSDNPRO
OSDOBDTC
OSDORG2
OSDOSDOQ
OSDOSECH
OSDOSEPL
OSDOSESP
OSDOSOR2
OSDOSSPL
OSDOSSPS
OSDOSSW2
OSDOSTFD
OSDOTCNT
OSDOTFCT
OSDPAB
OSDPDQA
OSDPFAIL
OSDPGWT
OSDPPQA
OSDPRTBL
OSDPSOPS
OSDPSOSC
OSDPSTNA
OSDRAOSR
OSDRCSNA
OSDRDONE
OSDRDSCL
OSDRDSDL
OSDRDSDT
OSDRESQ
OSDRFLG1
OSDRFLG3
OSDRFLG5
OSDRF301
OSDRF310
OSDRF501
OSDRF502
OSDRF504
OSDRF508
OSDRLSNA
OSDRNOSR
OSDRNTBL
OSDRNTED
OSDRNTFF
OSDRNTNM
OSDRNTR1
OSDRNTR2

Name

OSDRNTR3
OSDRNTSV
OSDRNVNA
OSDRNVND
OSDROSRE
OSDROTSV
OSDROUTF
OSDRPSO
OSDRQSNA
OSDRREL
OSDRREST
OSDRRLSE
OSDRRSV1
OSDRSBF4
OSDRSDD1
OSDRSDD2
OSDRSDD3
OSDRSDD4
OSDRSDSO
OSDRSECP
OSDRSNAA
OSDRSNAB
OSDRSNAG
OSDRSOER
OSDRSSS1
OSDRSSS2
OSDRSSS3
OSDRSSU1
OSDRSSU2
OSDRSTTR
OSDRSVAA
OSDRSVAR
OSDRSVDA
OSDRSVS
OSDRSVS1
OSDRSVS2
OSDRSVU
OSDRSWBR
OSDRSWBU
OSDRTNTG
OSDRUX20
OSDRWTRV
OSDRW100
OSDRXXH1
OSDRXXX1
OSDSAPID
OSDSAPOP
OSDSAPSC
OSDSAPTP
OSDSAPTQ
OSDSAPTR
OSDSCTUP
OSDSCWIC
OSDSECF
OSDSECF1
OSDSECF2
OSDSEEGP
OSDSIZE
OSDSIZE2
OSDSMULT

Name

OSDSPLCE
OSDSPLIT
OSDSPOOL
OSDSRINK
OSDSTACK

OSDSTART
OSDSTRT
OSDSTRT2
OSDTHRES
OSDTJPA

OSDTMOSE
OSDTOTL
OSDTRAIN
OSDWCLEN
OSDWCSUP

OSDWRITE
OSDWSMSK
OSD9351A
OSEOSSCH

IATYOSE Information

IATYOSE Programming Interface information

Programming Interface information

IATYOSE

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

- OSEDFSCP
- OSEOSEND
- OSEOSPTY
- OSEOSS
- OSEOSTBL

End of Programming Interface information

IATYOSE Heading Information

Common Name: OUTPUT SCHEDULING ELEMENT
Macro ID: IATYOSE
DSECT Name: OSESTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: SUBPOOL 230
Auxiliary Storage: SPOOL STT FOR WORK OSE
Size: 480 Bytes
Created by: IATISEN, IATOSDR, IATMOOS
Pointed to by: RQOSEFDB IN IATYRSQ
JCTOSEFD IN IATYJCT
OSDOSECH IN IATYOSD (for WTR/HOLD Q)
OSDBMOSE IN IATYOSD (for BDT Q)
OSDTMOSE IN IATYOSD (for TCP Q)
OSEADDR IN IATYISD
JDABOSE & JDABOSES IN IATYJDA
Serialization: None
Function: THIS MACRO CONTAINS CONTROL INFORMATION FOR OUTPUT DATA SETS.

IATYOSE Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	OSESTART	
0	(0)	BITSTRING	6	OSETRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	OSECNT	USER COUNT.
8	(8)	CHARACTER	4	OSEID	FILE ID.
12	(C)	BITSTRING	12	OSECHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	OSEVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	OSEDATA (0)	START OF USER DATA AREA.
28	(1C)	SIGNED	2	OSEFIXL	LENGTH OF FIXED AREA
30	(1E)	SIGNED	2	OSETOTL	TOTAL LENGTH, THIS BUFFER
32	(20)	BITSTRING	1	OSEMFLAG	MASTER OSE FLAG

Comment

DEFINITION OF OSEMFLAG

End of Comment

1...	OSEWRITE	"X'80'" ENTRY MUST BE WRITTEN
.1..	OSEPBFDL	"X'40'" PREVIOUS BUFFER WAS DELETED

Comment

IF DJOSPLIT IS ON IN IATYDJT THEN THIS OSE HAS
SPLIT DURING DUMP JOB TRANSLATION. THE FOLLOWING
BIT WILL TELL IF THIS OSE SPLIT ON A VARIABLE OR
DATASET SECTION (USED BY IATDJIN/IATDJCR).

End of Comment

..1.	OSEOVERF	"X'20'" ON = OSE VARIABLE SPLIT OFF = OSE DATASET SPLIT

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- 0	
				BIT OSEDJRST INDICATES THAT THE REAL OSE IS BEING 0	
				RESTORED BY DUMP JOB. OUTPUT SERVICE (OSDR) USES THIS 0	
				bit to process BDT/TCP jobs.	
				---------- 0	
				End of Comment	
		...1		OSEDJRST	"X'10'" JOB WITH REAL OSE'S RESTORED0390 BY DUMP JOB 0390
33	(21)	BITSTRING	3	OSEHRVS1	RESERVED FOR SERVICE
36	(24)	SIGNED	2	OSEJOBC	Compatible with OSEJOBN - see IATXJBNO macro 2
38	(26)	CHARACTER	1	OSECPYMK	COPYMARK OPERATOR COMMAND
39	(27)	CHARACTER	1	OSEMARK	MARK FORMS OPERATOR COMMAND
40	(28)	CHARACTER	1	OSEPSMOD	MODE BYTE FOR SETUP MODULE
41	(29)	CHARACTER	1	OSEPSFHR	HOLD/CHANGEABLE FLAG, FORMS
42	(2A)	CHARACTER	1	OSEPSCHR	HOLD/CHANGEABLE FLAG, CARR
43	(2B)	CHARACTER	1	OSEPSUHR	HOLD/CHANGEABLE FLAG, UCS
44	(2C)	CHARACTER	1	OSEPSFLH	HOLD/CHANGEABLE FLAG, FLASH
45	(2D)	CHARACTER	1	OSEPSMHR	HOLD/CHANGEABLE FLAG, CM
46	(2E)	BITSTRING	1	OSEHDR	HEADER OPTION TO SETUP
47	(2F)	BITSTRING	1	OSEBURST	BURST OPTION TO SETUP 2952
40	(28)	BITSTRING	6	OSEWAREA (0)	WORK AREA 2952
40	(28)	BITSTRING	0	OSERNOTE (0)	RESUME DATASET NOTE 2952
40	(28)	BITSTRING	6	OSERCTRK	SPOOL ADDRESS (M.R) 2952
46	(2E)	BITSTRING	2	OSERCOFF	OFFSET TO RECORD IN BLOCK 2952
48	(30)	BITSTRING	1	OSERCOPY	W.RESUME COPY COUNT
49	(31)	BITSTRING	1	OSEPSTHR	HOLD RELEASE BYTE FOR STACK
50	(32)	BITSTRING	2	OSEHRVS2	RESERVED FOR SERVICE
52	(34)	CHARACTER	8	OSEFJDVT	JDVT NAME SET AT CREATION
60	(3C)	SIGNED	4	OSEWSIMX	D.Maximum WSI value used for the job's SYSOUT data.
60	(3C)	X'3C'	0	OSERPGES	"OSEWSIMX,4" W.RESUME REPOSITION PAGE COUNT
64	(40)	SIGNED	4	OSERPGE	W.RESUME SMF PAGE COUNT
68	(44)	SIGNED	4	OSERRCD	W.RESUME SMF RECORD COUNT
72	(48)	SIGNED	4	OSERCUPG	W.RESUME TRANSMISSION PAGE CT 2668
76	(4C)	SIGNED	4	OSERLNES	W.RESUME REPOSITION LINE COUNT2668
80	(50)	SIGNED	2	OSERNTRY	W.OFFSET TO RESUME DS ENTRY 2668
82	(52)	BITSTRING	6	OSEHRVS3	RESERVED FOR SERVICE
88	(58)	BITSTRING	4	OSEJOBN	Job number
92	(5C)	SIGNED	4	OSECNT4	Buffer number
96	(60)	DBL WORD	8	OSEFEND (0)	END OF FIXED AREA
96	(60)	BITSTRING	1	OSEFSIZE (0)	SIZE OF FIXED AREA

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	OSEENTRY	
0	(0)	CHARACTER	8	OSEGROUP	REQUESTED DESTINATION GROUP
8	(8)	CHARACTER	8	OSEDEST	REQUESTED DESTINATION
16	(10)	CHARACTER	8	OSEWTRNM (0)	EXTERNAL WRITER NAME (SYS)
16	(10)	CHARACTER	8	OSETYPE	REQUESTED TYPE
24	(18)	CHARACTER	8	OSEFORMS	REQUIRED FORMS 06609SVA
				Comment	
				---------- 06609SVA	
				The OSEFORMS of a TCP OSE is saved to NDHGFORM while 06609SVA	
				building the DSH record. So, OSEFORMS storage can 06609SVA	
				be reused to save the TCP/IP Netserv name. 06609SVA	
				---------- 06609SVA	
				End of Comment	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
24	(18)	CHARACTER	8	OSENTSV	TCP/IP Netserv name 06609SVA
32	(20)	CHARACTER	8	OSECARR	REQUIRED CARRIAGE TAPE
40	(28)	CHARACTER	8	OSEJDSJN (0)	Job name from JDS (valid for preliminary or temp- orary BDT/TCP OSE only)
40	(28)	CHARACTER	8	OSEDSID	DATASET IDENTIFIER (SYSTEM)
48	(30)	CHARACTER	8	OSEMODE	PROCESS MODE FOR THIS OSE
56	(38)	CHARACTER	8	OSEGRPID	BDT/TCP group identifier 0389

Comment

---------- 0
THIS FIELD, ALONG WITH OSEMCL2, IS USED BY THE 0
IATGOSE ROUTINE TO DETERMINE WHETHER A NEW MOSE 0
NEEDS TO BE BUILT. ANY DIFFERENCE IN ANY OF THE 0
CHARACTERISTICS DEFINED BETWEEN THESE TWO FIELDS 0
WILL REQUIRE A NEW MOSE TO BE BUILT. 0
---------- 0

End of Comment

64	(40)	BITSTRING	0	OSEMCL1 (0)	L' IS MASTER COMPARE 0128 LENGTH FOR FIRST SECTION 0128
64	(40)	CHARACTER	8	OSETPID	APPC transaction ID (if RQAPPC is on) or job id from the JSAB (otherwise)
72	(48)	CHARACTER	8	OSEUSRID	USERID
80	(50)	CHARACTER	8	OSESECBL	SECURITY LABEL

Comment

---------- 0
TPID, USERID, AND SECLABEL ARE NOT USED IN DETERMIN- 0
ING WHETHER A NEW MOSE NEEDS TO BE BUILT. OSESECT2 0
MARKS THE RESUMPTION OF FIELDS WHICH ARE USED FOR 0
THIS PURPOSE. 0
---------- 0

End of Comment

80	(50)	X'58'	0	OSESECT2	"*" START OF SECOND SECTION 0128
88	(58)	CHARACTER	4	OSEUCS	REQUIRED UCS ID
92	(5C)	CHARACTER	4	OSEFLASH	FORMS FLASH ID
96	(60)	CHARACTER	4	OSEMODID	COPY MODIFICATION ID
96	(60)	X'4'	0	OSENCHAR	"4" NUMBER CHAR TRANSLATE IDS
100	(64)	CHARACTER	4	OSECHARS (0)	TRANSLATE TABLE IDS
116	(74)	BITSTRING	1	OSESTACK	STACKER REQUIRED
116	(74)	X'C3'	0	OSECFS	"C'C'" CONTINUOUS FORMS STACKER
116	(74)	X'E2'	0	OSEBTS	"C'S'" BURSTER-TRIMMER-STACKER
117	(75)	BITSTRING	1	OSECLASS	CLASS OF THIS ENTRY
118	(76)	BITSTRING	1	OSEMODRC	COPY MOD. REF. CHAR.
119	(77)	BITSTRING	1	OSEPRTY	PRIORITY THIS ELEMENT
120	(78)	BITSTRING	1	OSESYSOT	EXTENDED SYSOUT ID DATA
120	(78)	X'C5'	0	OSEXT	"C'E'" EXTENDED KEYWORDS USED 0116

Comment

Flag byte affecting the creation of a MOSE!

End of Comment

121	(79)	BITSTRING	1	OSEMFLG1	Flag byte
		1...		OSEIPADR	"X'80'" IP address exists
		.1..		OSEMFL40	"X'40'" Reserved for development
		..1.		OSEMFL20	"X'20'" Reserved for development
		...1		OSEMFL10	"X'10'" Reserved for development
		.... 1...		OSEMFL08	"X'08'" Reserved for development
		.... .1..		OSEMFL04	"X'04'" Reserved for development

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... ..1.		OSEMFL02	"X'02'" Reserved for development
		1		OSEMFL01	"X'01'" Reserved for development

Comment

The following 2 equates are NOT used to update the OSE. They are used by various modules to update their respective data areas.

End of Comment

121	(79)	X'D5'	0	OSENOIP	"C'N'" IPADDR does not exist
121	(79)	X'E8'	0	OSEYESIP	"C'Y'" IPADDR does exist
122	(7A)	BITSTRING	2	OSEVRVD5	RESERVED FOR DEVELOPMENT #0432

Comment

---------- 0

THIS FIELD, ALONG WITH OSEMCL1, IS USED BY THE 0
IATGOSE ROUTINE TO DETERMINE WHETHER A NEW MOSE 0
NEEDS TO BE BUILT. ANY DIFFERENCE IN ANY OF THE 0
CHARACTERISTICS DEFINED BETWEEN THESE TWO FIELDS 0
WILL REQUIRE A NEW MOSE TO BE BUILT. 0

---------- 0

End of Comment

124	(7C)	BITSTRING	0	OSEMCL2 (0)	L' IS MASTER COMPARE 0128 LENGTH FOR SECOND SECTION 0128
124	(7C)	BITSTRING	8	OSEVRVU1	RESERVED FOR USER
132	(84)	BITSTRING	4	OSEVRVS1	RESERVED FOR SERVICE
136	(88)	SIGNED	4	OSEOSEND	M.LAST OSS ON THIS MOSE
136	(88)	X'88'	0	OSEWSI	"OSEOSEND,4" D.WSI value assigned to this set of SYSOUT data sets
140	(8C)	BITSTRING	1	OSEFLAG	FLAG BYTE

Comment

DEFINITION OF OSEFLAG

End of Comment

1...	OSECMPLT	"X'80'" ALL ELEMENTS COMPLETE
.1..	OSESCHD	"X'40'" ELEMENT SCHEDULED FOR OUTPUT
..1.	OSEPEND	"X'20'" OUTPUT PENDING WTR
...1	OSEWHOLD	"X'10'" HOLD BY WRITER
.... 1...	OSERMTD	"X'08'" DEST IS FOR REMOTE
.... .1..	OSEOPEND	"X'04'" DATASET HAS BEEN PROCESSED BUT COMPLETION STILL PENDING
.... ..1.	OSESYS	"X'02'" SYSTEM ELEMENT
....1	OSETSO	"X'01'" TSO ELEMENT

Comment

ALTHOUGH THERE ARE OTHER USES FOR THIS FIELD,
THE MAIN REASON IS FOR THE OSDOQOSE ROUTINE
(IN IATOSDO) TO DETERMINE IF THE DATA SET SECTION
OF A NEWLY CREATED OSE CAN BE ADDED TO AN EXISTING
VARIABLE/DATA SET OSE.

End of Comment

141	(8D)	BITSTRING	1	OSECL (0)	L' IS NORMAL COMPARE LEN.

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
141	(8D)	BITSTRING	1	OSEFLAG2	FLAG BYTE
		Comment			
		DEFINITION OF OSEFLAG2			
		End of Comment			
		1...		OSEREF	"X'80'" OSE WAS REFRESHED
		.1..		OSERSTND	"X'40'" OPERATOR RESTARTED WITH D=
		..1.		OSEAIDS	"X'20'" MIGRATION AID OSE
		...1		OSEMOSE	"X'10'" THIS IS A MASTER OSE
		.... 1...		OSEQSEP	"X'08'" QUEUE ELEMENT SEPARATELY
		.... .1..		OSEQAV	"X'04'" OSE QUEUED AVAILABLE
		.... ..1.		OSESQSEP	"X'02'" OSE QUEUED SEP FOR SCHED
		1		OSELOAD	"X'01'" UCS/FCB LOAD REQUIRED
141	(8D)	X'8D'	0	OSEFLG2	"OSEFLAG2" FLAG BYTE
		Comment			
		DEFINITION OF OSEFLG2 Used in parameter OSE (writer command processing) only -- overlays OSEFLAG2			
		End of Comment			
		.1..		OSEWCVAL	"X'40'" 'WC=' VALIDATION FLAG
		..1.		OSEWSVAL	"X'20'" 'WS=' VALIDATION FLAG
		...1		OSEPMVAL	"X'10'" 'PM=' VALIDATION FLAG
142	(8E)	BITSTRING	1	OSEFLAG3	FLAG BYTE
		Comment			
		DEFINITION OF OSEFLAG3			
		End of Comment			
		1...		OSEFSS	"X'80'" THIS OSE SCHEDULED TO AN FSS
		.1..		OSELNLIM	"X'40'" OSE LINE LIMIT
		..1.		OSEPGLIM	"X'20'" OSE PAGE LIMIT
		...1		OSERCLIM	"X'10'" OSE RECORD LIMIT
		.... 1...		OSEAROUT	"X'08'" THIS OSE ACTIVE ON REROUTE 0150
		.... .1..		OSECANPD	"X'04'" CANCEL IS PENDING 0403
		.... ..1.		OSESOSS	"X'02'" OSE POINTS TO A SMALL OSS
		1		OSEMCOPY	"X'01'" THERE IS STILL A COPY LEFT FOR THE NEXT PSO GET CALL
143	(8F)	BITSTRING	1	OSEBFLG1	BDT/TCP flag byte 1
		Comment			
		DEFINITION OF OSEBFLG1			
		End of Comment			
		1...		OSEBDT	"X'80'" OSE IS FOR BDT
		.1..		OSEJTYPE	"X'40'" NETWORK JOB STREAM
		..1.		OSESTYPE	"X'20'" NETWORK SYSOUT STREAM
		...1		OSEJH	"X'10'" JOB HEADER OSE
		.... 1...		OSEDSH	"X'08'" DATASET HEADER OSE
		.... .1..		OSEDS	"X'04'" SYSOUT DATASET OSE
		.... ..1.		OSEJT	"X'02'" JOB TRAILER OSE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		1		OSETEMP	"X'01'" TEMPORARY OSE 0681
144	(90)	BITSTRING	1	OSEBFLG2	BDT/TCP flag byte 2

Comment

DEFINITION OF OSEBFLG2
The flags defined in OSEBFLG2 must be defined the same way in OSSBFLG2. Otherwise someone might try to take 04, 02, or 01 in one macro and not take the same flag in the other.
The reverse case is different. A bit can be defined in OSSBFLG2 as long as it is defined in OSEBFLG2 as "Reserved - DO NOT USE".

End of Comment

		1...		OSEBSENT	"X'80'" Transaction sent to BDT/TCP
		.1..		OSEBQUED	"X'40'" Transaction queued by BDT/TCP
		..1.		OSEBF220	"X'20'" Reserved - DO NOT USE
		...1		OSEBF210	"X'10'" Reserved - DO NOT USE
		.... 1...		OSETCP	"X'08'" OSE is for TCP
		.... .1..		OSEBF204	"X'04'" Reserved for IBM
		.... ..1.		OSEBF202	"X'02'" Reserved for IBM
		1		OSEBF201	"X'01'" Reserved for IBM
145	(91)	BITSTRING	1	OSEXPRTY	BDT TRANSMISSION PRIORITY
146	(92)	BITSTRING	2	OSEVRVU2	RESERVED FOR USER
148	(94)	SIGNED	4	OSEVRVD6	RESERVED FOR DEVELOPMENT
152	(98)	SIGNED	4	OSETBYTE	Total 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
156	(9C)	ADDRESS	4	OSEOSS	ADDRESS OF OSS ENTRY
160	(A0)	SIGNED	4	OSETLINE	TOTAL LINE COUNT
164	(A4)	SIGNED	4	OSETPAGE	TOTAL PAGE COUNT
168	(A8)	SIGNED	4	OSETRECD	TOTAL RECORD COUNT
172	(AC)	ADDRESS	4	OSENEXTM (0)	ADDRESS OF NEXT MOSE
172	(AC)	SIGNED	4	OSEMRECD	MAXIMUM RECORD COUNT 0582

Comment

---------- 0
START OF MASTER OSE SPECIFIC SECTION
---------- 0

End of Comment

172	(AC)	X'B0'	0	OSEMSECT	"*" REMEMBER LOCATION COUNTER 0582

Comment

---------- 0
THE FOLLOWING TABLE CONTAINS POINTERS TO THE LAST 0
OSS FOR THIS MOSE FOR EACH JOB PRIORITY FROM 0
ZERO TO 15. 0
---------- 0

End of Comment

176	(B0)	ADDRESS	4	OSEOSPTY (0)	LAST OSS THIS JOB PRIORITY 0582
176	(B0)	X'10'	0	OSEOSTLN	"16" NUMBER OF ENTRIES IN TABLE 0582
176	(B0)	ADDRESS	4	OSEOSTBL (0)	TABLE OF OSS POINTERS 0582
240	(F0)	BITSTRING	1	OSEOSTBE (0)	END OF TABLE 0582
240	(F0)	BITSTRING	1	OSEMEND (0)	END OF MASTER OSE

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

				ALTHOUGH THERE ARE OTHER USES FOR THIS FIELD, THE MAIN REASON IS FOR THE IATGOSE ROUTINE TO USE THE LENGTH TO DETERMINE THE SIZE OF A NEWLY CREATED MOSE.	

				End of Comment	
240	(F0)	X'F0'	0	OSEMSIZE	"OSEMEND-OSEENTRY" SIZE OF MOSE
				Comment	
				---------- 0	
				START OF DISK OSE SPECIFIC SECTION 0	
				---------- 0	
				End of Comment	
176	(B0)	BITSTRING	8	OSERBA (0)	RBA OF CHECKPOINT (SYS)
176	(B0)	CHARACTER	8	OSETDEST	DESTINATION FOR TSO PRINT
184	(B8)	BITSTRING	12	OSESCFDB	D.FDB FOR SCHEDULED OSE
194	(C2)	SIGNED	2	OSEVOFST	W.Disk OSE variable entry offset
196	(C4)	SIGNED	2	OSEVARL	LENGTH OF THIS SEGMENT
198	(C6)	SIGNED	2	OSESEQNM	SPOOL OSE RECORD SEQ. NUM
200	(C8)	CHARACTER	8	OSEDDNAM	ACTIVE UNIT
200	(C8)	BITSTRING	2	OSESDOFS	OSE Dataset Offset
202	(CA)	BITSTRING	2	OSESJBIC	Compatible with OSESJBID - see IATXJBNO macro
204	(CC)	BITSTRING	4	OSESTRDC	SAPI Thread Count
208	(D0)	SIGNED	4	OSETIME (2)	STCK CLOCK VALUE
216	(D8)	SIGNED	2	OSEOSDR	OUTSERV FCT BUILD IDENTIFIER
218	(DA)	BITSTRING	4	OSESFLGS	OUTPUT STATEMENT CHARS. SPECIFICATION FLAG
218	(DA)	X'DA'	0	OSEFLAG4	"OSESFLGS,1" FLAG BYTE
				Comment	

				Definition of OSEFLAG4 - OUTPUT stmt characteristics	

				End of Comment	
		1...		OSESPRTY	"X'80'" PRTY= IN OUTPUT STATEMENT
		.1..		OSESFORM	"X'40'" FORMS= IN OUTPUT STATEMENT
		..1.		OSESDEST	"X'20'" DEST= IN OUTPUT STATEMENT
		...1		OSESCOPY	"X'10'" COPIES= IN OUTPUT STATEMENT
		.... 1...		OSESCPYS	"X'08'" COPIES SUBLIST IN OUTPUT STATEMENT
		.... .1..		OSESFCB	"X'04'" FCB= IN OUTPUT STMT
		.... ..1.		OSESUCS	"X'02'" UCS= IN OUTPUT STMT
		1		OSESWTR	"X'01'" WRITER= IN OUTPUT STMT
218	(DA)	X'DB'	0	OSEFLAG5	"OSESFLGS+1,1" FLAG BYTE
				Comment	

				Definition of OSEFLAG5 - OUTPUT stmt characteristics	

				End of Comment	
		1...		OSESCHAR	"X'80'" CHARS= IN OUTPUT STMT
		.1..		OSESFLSH	"X'40'" FLASH= IN OUTPUT STMT
		..1.		OSESFLCT	"X'20'" FLASH COUNT IN OUTPUT STMT
		...1		OSESMODI	"X'10'" MODIFY= IN OUTPUT STMT
		.... 1...		OSESMODR	"X'08'" MODIFY REFERENCE IN OUTPUT STATEMENT
		.... .1..		OSESTHRS	"X'04'" THRESHLD= IN OUTPUT STMT

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... ..1.		OSESDST2	"X'02'" DESTINATION2 IN OUTPUT STATEMENT
		1		OSESCKPL	"X'01'" CKPTLINE= IN OUTPUT STMT
218	(DA)	X'DC'	0	OSEFLAG6	"OSESFLGS+2,1" FLAG BYTE

Comment

Definition of OSEFLAG6 - OUTPUT stmt characteristics

End of Comment

		1...		OSESCKPP	"X'80'" CKPTPAGE= IN OUTPUT STMT
		.1..		OSESCKSC	"X'40'" CKPTSEC= IN OUTPUT STMT
		..1.		OSESCTAB	"X'20'" COMPACT= IN OUTPUT STMT
		...1		OSESPRMD	"X'10'" PRMODE= IN OUTPUT STMT
		.... 1...		OSESBUST	"X'08'" BURST= IN OUTPUT STMT
		.... .1..		OSESCLAS	"X'04'" CLASS= IN OUTPUT STMT
		.... ..1.		OSEOIPAD	"X'02'" IPADDR in OUTPUT stmt
		1		OSEOFRMD	"X'01'" FORMDEF= in OUTPUT stmt
218	(DA)	X'DD'	0	OSEFLAG9	"OSESFLGS+3,1" Flag byte

Comment

Definition of OSEFLAG9 - OUTPUT stmt characteristics

End of Comment

		1...		OSEOPGED	"X'80'" PAGEDEF= in OUTPUT stmt
		.1..		OSEFL940	"X'40'" Reserved for development
		..1.		OSEFL920	"X'20'" Reserved for development
		...1		OSEFL910	"X'10'" Reserved for development
		.... 1...		OSEFL908	"X'08'" Reserved for development
		.... .1..		OSEFL904	"X'04'" Reserved for development
		.... ..1.		OSEFL902	"X'02'" Reserved for development
		1		OSEFL901	"X'01'" Reserved for development
222	(DE)	BITSTRING	4	OSEVRVD7	RESERVED FOR DEVELOPMENT
226	(E2)	BITSTRING	1	OSENJE1	NJE FLAG

Comment

SETTINGS FOR OSENJE1

End of Comment

		1...		OSENJEJB	"X'80'" OSE FOR NJE INPUT JOB
		.1..		OSENJEOP	"X'40'" OSE FOR NJE OUTPUT JOB
		..1.		OSEFRUCS	"X'20'" SPECIFIC UCS REQUEST
		...1		OSEFRFMS	"X'10'" SPECIFIC FORMS REQUEST
		.... 1...		OSEFRCAR	"X'08'" SPECIFIC CARRIAGE REQUEST
		.... .1..		OSNJ3800	"X'04'" SPECIFIC 3800 REQUEST
		.... ..1.		OSEDFFLH	"X'02'" DEFAULT FLASH REQUEST
227	(E3)	BITSTRING	1	OSEFLAG7	FLAG BYTE

Comment

SETTINGS FOR OSEFLAG7

End of Comment

		1...		OSEUTVS	"X'80'" USE THIS VARIABLE SECTION - THERE IS MORE SYSOUT TO PROCESS IN THIS VAR SEC
		.1..		OSEDFFCB	"X'40'" DEFAULT FCB/CARR REQUEST

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		..1.		OSEDFUCS	"X'20'" DEFAULT UCS REQUEST
		...1		OSEDFCHR	"X'10'" DEFAULT CHARS REQUEST
		.... 1...		OSEWTRN	"X'08'" OSEWTRNM is a writer name, not a userid
		.... .1..		OSE7RSV5	"X'04'" RESERVED FOR SERVICE
		.... ..1.		OSE7RSV6	"X'02'" RESERVED FOR SERVICE
		1		OSE7RSV7	"X'01'" RESERVED FOR SERVICE
228	(E4)	BITSTRING	1	OSEFLAG8	Flag byte

Comment

Settings for OSEFLAG8

End of Comment

		1...		OSESAPI	"X'80'" OSE scheduled to SAPI thread
		.1..		OSEWQMHQ	"X'40'" OSE moved from WTR to HOLD Q
		..1.		OSEFRMDF	"X'20'" FORMDEF exists
		...1		OSEPGEDF	"X'10'" PAGEDEF exists
		.... 1...		OSEFRP	"X'08'" FRP exists for this OSE - to determine if direct FORMAT stmt exist, JDS flag JDSPRFRP or JDSPNFRP must be on (ds level)
		.... .1..		OSEPUNDS	"X'04'" Punch dataset on HOLD queue - if ds on hold queue and flag is not set, ds is a print ds
		.... ..1.		OSEPUNVL	"X'02'" OSEPUNDS is valid (needed for migration purposes)
		1		OSEMODED	"X'01'" OSE is being modified This flag is turned off before the OSE is SPOOLed
229	(E5)	BITSTRING	1	OSEVRVD8	RESERVED FOR DEVELOPMENT
230	(E6)	SIGNED	2	OSEBJNUM	BDT JOB NUMBER IN BINARY
232	(E8)	BITSTRING	4	OSEOTBIN	OUTBIN ID 0146

Comment

The bits in OSEFLGSM keep track of which OSE characteristics have been modified. This could have been done through operator MODIFY, PSO, or SAPI, or by being specified on a direct / FORMAT statement.

End of Comment

236	(EC)	BITSTRING	4	OSEFLGSM (0)	Modified Characteristics Specification Flags
236	(EC)	BITSTRING	1	OSEFLGM1	Modified flag byte 1

Comment

Definition of OSEFLGM1 - Modified characteristics

End of Comment

		1...		OSEMPRTY	"X'80'" PRTY has been modified
		.1..		OSEMFORM	"X'40'" FORMS has been modified
		..1.		OSEMDEST	"X'20'" DEST has been modified
		...1		OSEM1010	"X'10'" Reserved for IBM
		.... 1...		OSEM1008	"X'08'" Reserved for IBM
		.... .1..		OSEMFCB	"X'04'" FCB has been modified
		.... ..1.		OSEMUCS	"X'02'" UCS has been modified
		1		OSEMWTR	"X'01'" WTR has been modified
237	(ED)	BITSTRING	1	OSEFLGM2	Modified flag byte 2

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		---------- Definition of OSEFLGM2 - Modified characteristics ----------			
		End of Comment			
		1...		OSEMCHAR	"X'80'" CHARS has been modified
		.1..		OSEMFLSH	"X'40'" FLASH has been modified
		..1.		OSEM2020	"X'20'" Reserved for IBM
		...1		OSEMMODI	"X'10'" MODIFY has been modified
		.... 1...		OSEMMODR	"X'08'" MODIFY REFERENCE has been modified
		.... .1..		OSEMTHRS	"X'04'" THRESHOLD has been modified
		.... ..1.		OSEM2002	"X'02'" Reserved for IBM
		1		OSEM2001	"X'01'" Reserved for IBM
238	(EE)	BITSTRING	1	OSEFLGM3	Modified flag byte 3
		Comment			
		---------- Definition of OSEFLGM3 - Modified characteristics ----------			
		End of Comment			
		1...		OSEM3080	"X'80'" Reserved for IBM
		.1..		OSEM3040	"X'40'" Reserved for IBM
		..1.		OSEM3020	"X'20'" Reserved for IBM
		...1		OSEMPRMD	"X'10'" PRMODE has been modified
		.... 1...		OSEMBUST	"X'08'" BURST has been modified
		.... .1..		OSEM3004	"X'04'" Reserved for IBM
		.... ..1.		OSEMIPAD	"X'02'" IP ADDR has been modified (directly or indirectly via secondary dest)
		1		OSEMFRMD	"X'01'" FORMDEF has been modified
239	(EF)	BITSTRING	1	OSEFLGM4	Modified flag byte 4
		Comment			
		---------- Definition of OSEFLGM4 - Modified characteristics ----------			
		End of Comment			
		1...		OSEMPGED	"X'80'" PAGEDEF has been modified
		.1..		OSEMDEVT	"X'40'" Specific type has been modified
		..1.		OSEMDSID	"X'20'" DSID has been modified
		...1		OSEMOTBN	"X'10'" OUTBIN has been modified
		.... 1...		OSEM4008	"X'08'" Reserved for IBM
		.... .1..		OSEM4004	"X'04'" Reserved for IBM
		.... ..1.		OSEM4002	"X'02'" Reserved for IBM
		1		OSEM4001	"X'01'" Reserved for IBM
240	(F0)	BITSTRING	1	OSEDSHNO	Dataset header index no.
241	(F1)	BITSTRING	3	OSEVRVS2	RESERVED FOR SERVICE
244	(F4)	SIGNED	4	OSESJBID	SAPI Application job id
248	(F8)	SIGNED	4	OSEVRVS3	Reserved for IBM
252	(FC)	SIGNED	4	OSEVRVU3	RESERVED FOR USER
256	(100)	BITSTRING	1	OSEVEND (0)	END OF VARIABLE SECTION
256	(100)	BITSTRING	1	OSEVSIZE (0)	LENGTH OF VARIABLE SECT.

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				OSE DATASET SECTION A DATASET SECTION EXISTS FOR EVERY PRINT INSTANCE THAT HAS TO BE MADE. A DATASET SECTION IS UNDER THE CONTROL OF A VARIABLE SECTION. THE DATASET SECTION CONTAINS INFORMATION WHICH IS UNIQUE TO A PRINT INSTANCE. THE DATASET SECTION WILL ALSO DETAIL THE STATUS OF WHERE THE DATASET IS IN RELATION TO COMPLETION.	
				End of Comment	
256	(100)	SIGNED	4	OSEJDSPT	POINTER TO JDS ENTRY
260	(104)	BITSTRING	1	OSEDFTA	FIRST SPOOL ADDRESS (M.R)
260	(104)	X'104'	0	OSEJBNUM	"OSEDFTA,4" JOB # (MIXED) - J=PROCESSING
260	(104)	X'104'	0	OSEJOBRQ	"OSEDFTA,4" JOB RESQUE FOR J= PROCESSING
266	(10A)	SIGNED	2	OSEDRVU1	RESERVED FOR USER
268	(10C)	SIGNED	4	OSEDLNCT	DATA SET LINE COUNT
272	(110)	SIGNED	4	OSEDPGCT	DATA SET PAGE COUNT
276	(114)	SIGNED	4	OSEDRCCT	DATA SET RECORD COUNT
280	(118)	BITSTRING	1	OSECOPY	IMPACT PRINTER COPY COUNT
281	(119)	BITSTRING	3	OSEDBYTE	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
284	(11C)	CHARACTER	4	OSEJOBNO (0)	JOB NUMBER (MIXED)
284	(11C)	BITSTRING	8	OSECOPYE	3800 COPY DISTRIBUTION
292	(124)	BITSTRING	20	OSEDCKPT (0)	CHECKPOINT AREA
292	(124)	BITSTRING	0	OSEDNOTE (0)	CHECKPOINT DATA SET NOTE
292	(124)	BITSTRING	6	OSEDCTRK	SPOOL ADDRESS (M.R)
298	(12A)	BITSTRING	2	OSEDCOFF	OFFSET TO RECORD IN BLOCK
300	(12C)	BITSTRING	1	OSEDCCPY	CURRENT COPY NUMBER
301	(12D)	BITSTRING	3	OSEDRVD2	RESERVED FOR DEVELOPMENT
304	(130)	SIGNED	4	OSEDCPGE	CURRENT SMF PAGE CT (CHAN 1)
308	(134)	SIGNED	4	OSEDCRCD	CURRENT SMF RECORD COUNT
				Comment	
				END OF CHECKPOINT DATA.	
				End of Comment	
312	(138)	BITSTRING	1	OSEDFLG1	DATASET FLAG BYTE
				Comment	
				---------- DEFINITION OF OSEDFLG1 ----------	
				End of Comment	
		1...		OSEOVFL	"X'80'" OVERFLOW ON CH. 12
		.1..		OSEINT	"X'40'" PUNCH OUTPUT IS TO BE INT.
		..1.		OSEOPCDJ	"X'20'" OPTCD=J WAS SPECIFIED
		...1		OSEEJCT	"X'10'" FORCE EJECT
		.... 1...		OSEASA	"X'08'" ASA CONTROL CHARACTERS
		.... .1..		OSEMCH	"X'04'" MACHINE CONTROL CHARACTERS
		.... ..1.		OSESPC2	"X'02'" SPACE OUTPUT DOUBLE
		1		OSESPC1	"X'01'" SPACE OUTPUT SINGLE
313	(139)	BITSTRING	1	OSEDFLG2	FLAG BYTE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		DEFINITION OF OSEDFLG2			
				End of Comment	
		1...		OSEDHOLD	"X'80'" THIS ENTRY HELD - (WHEN SETTING OSEDHOLD, OSEDTYPE MUST ALSO BE SET. IF HOLD TYPE IS SYSTEM HOLD, OSEDRSN MUST ALSO BE SET).
		.1..		OSEDPEND	"X'40'" DATASET HAS BEEN PROCESSED BUT COMPLETION STILL PENDING
		..1.		OSEOPCAN	"X'20'" OPERATOR CANCELLED OUTPUT
		...1		OSEPSOAF	"X'10'" PSO IATXSEC AUTH CALL 0433 FAILED FOR THIS DATA SET 0433
		.... 1...		OSEDONE	"X'08'" OUTPUT IS COMPLETE
		.... .1..		OSERSTD	"X'04'" OPERATOR RESTARTED DATA SET
		.... ..1.		OSETHOLD	"X'02'" HOLD AFTER TSO OUTPUT
		1		OSESPNOF	"X'01'" DATA SET IS SPINOFF
314	(13A)	BITSTRING	1	OSEDFLG3	FLAG BYTE
				Comment	
		DEFINITION OF OSEDFLG3			
				End of Comment	
314	(13A)	X'13A'	0	OSECHTP	"OSEDFLG3" CHAIN SIZE FOR LOGICAL
				Comment	
		RECORDS TRANSMITTED TO A SNA LU			
				End of Comment	
		1...		OSEDSTAT	"X'80'" DATA SET TAT EXISTS
		.1..		OSESINGL	"X'40'" COMMAND WAS *START,SINGLE
		..1.		OSEINTDF	"X'20'" PUN INTRPT=NO SPECIFIED
		.... .1..		OSEDSET	"X'04'" CHAIN SIZE IS A DATASET
		.... ..1.		OSEDSVAL	"X'02'" CHN SIZE SPECIFIED ON SYSOUT,FORMAT
		1		OSENPRCS	"X'01'" DATASET HAS BEEN MODIFIED AND CANNOT BE RE-PROCESSED BY A RESTART COMMAND.
315	(13B)	BITSTRING	1	OSEDFLG4	FLAG BYTE
				Comment	
		DEFINITION OF OSEDFLG4			
				End of Comment	
		1...		OSEXWTRH	"X'80'" Output held for external writer
		.1..		OSEBUOUT	"X'40'" THIS OSE BUILT USING AN OUTPUT STATEMENT
		..1.		OSEFSCKI	"X'20'" FSA CHECKPOINT INVALID
		...1		OSEDCPDS	"X'10'" COMPOSED PAGE DATA STREAM CC#415
		.... 1...		OSEDNFSA	"X'08'" NON-FSA CHECKPOINT ORIGIN
		.... .1..		OSEDFCPY	"X'04'" COPIES VALUE IS A DEFAULT 0022
		.... ..1.		OSEDSENF	"X'02'" SAPI requested ENF signals
316	(13C)	BITSTRING	1	OSEDFLG5	FLAG BYTE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
					---------- DEFINITION OF OSEDFLG5 ----------
				End of Comment	
		1...		OSESEPT	"X'80'" SEPARATELY SCHEDULABLE
		.1..		OSEDOIX	"X'40'" Indicates the existence of a DOI. If the flag is on by itself, it indicates a FAKE DOI (i.e. the format is different)
		..1.		OSEDOIV	"X'20'" DOI is valid
		...1		OSEBFENF	"X'10'" The OSE Buffer number has been determined and a Token Change ENF signal is needed
		.... 1...		OSEDOIA	"X'08'" DOI is for APPC
		.... .1..		OSEDSFDF	"X'04'" FORMDEF exists for dataset
		.... ..1.		OSEDSPDF	"X'02'" PAGEDEF exists for dataset
		1		OSEDCTKN	"X'01'" Allocation CTOKEN was re- quested for this data set
317	(13D)	BITSTRING	1	OSEDRVD3	RESERVED FOR DEVELOPMENT
318	(13E)	BITSTRING	1	OSEFLCNT	FORMS FLASH COUNT
319	(13F)	BITSTRING	1	OSECOPYT	TOTAL 3800 COPY COUNT
320	(140)	BITSTRING	2	OSECHNSZ (0)	CHAIN SIZE THIS DS
320	(140)	BITSTRING	1	OSEPGNUM	NUM OF PAGES IN SNA CHAIN
321	(141)	BITSTRING	1	OSEPGSZ	NUM OF LOGICAL RECORDS PER
				Comment	
					PAGE IF CARRIAGE CONTROL NOT USED
				End of Comment	
322	(142)	CHARACTER	8	OSECTABN	COMPACTION TABLE NAME
322	(142)	X'142'	0	OSEJOBNM	"OSECTABN,8" JOB NAME FOR OSMP PROCESSING
330	(14A)	CHARACTER	8	OSEDEST2	NETWORK SECONDARY DESTINATION
338	(152)	CHARACTER	8	OSERMTWR	REMOTE WRITER ID FOR NETWORK
346	(15A)	SIGNED	2	OSESWBID	OUTPUT GROUPING TOKEN
348	(15C)	CHARACTER	14	OSEDRVD4	RESERVED FOR DEVELOPMENT
362	(16A)	BITSTRING	2	OSEFLG2M	Modified characteristics specification flags
362	(16A)	X'16A'	0	OSEFLGM5	"OSEFLG2M,1" Modified flag 5
				Comment	
					---------- Definition of OSEFLGM5 - Modified characteristics ----------
				End of Comment	
		1...		OSEMCHN	"X'80'" CHNSIZE has been modified
		.1..		OSEMCTAB	"X'40'" CTABN has been modified
		..1.		OSEMCPY	"X'20'" COPIES has been modified
		...1		OSEMCPYS	"X'10'" COPIES sublist has been modified
		.... 1...		OSEMFLCT	"X'08'" FLASH count has been modified
		.... .1..		OSEMINT	"X'04'" INT has been modified
		.... ..1.		OSEMOVFL	"X'02'" OVFL has been modified
		1		OSEMSPC	"X'01'" CONTROL has been modified
362	(16A)	X'16B'	0	OSEFLGM6	"OSEFLG2M+1,1" Modified flag 6
				Comment	
					---------- Definition of OSEFLGM6 - Modified characteristics ----------
				End of Comment	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		1...		OSEMDST2	"X'80'" Secondary DEST has been modified (directly or indirectly by NIP=)
		.1..		OSEM6040	"X'40'" Reserved for IBM
		..1.		OSEM6020	"X'20'" Reserved for IBM
		...1		OSEM6010	"X'10'" Reserved for IBM
		.... 1...		OSEM6008	"X'08'" Reserved for IBM
		.... .1..		OSEM6004	"X'04'" Reserved for IBM
		.... ..1.		OSEM6002	"X'02'" Reserved for IBM
		1		OSEUPJDS	"X'01'" Update JDSOSENO - flag is never written to spool
364	(16C)	SIGNED	4	OSEDCTPG	COMPLETE XMISSION PAGE COUNT2668
368	(170)	SIGNED	4	OSEDCUPG	CURRENT XMISSION PAGE COUNT 2668
372	(174)	SIGNED	2	OSECKPL	MAX LINES IN A LOGICAL PAGE
374	(176)	SIGNED	2	OSECKPP	MAX PAGES BEFORE NEXT CHKPT
376	(178)	SIGNED	2	OSECKPS	MAX SECONDS BETWEEN CHKPTS
378	(17A)	BITSTRING	12	OSEDDSID	FSS DATA SET ID FOR THIS DS
390	(186)	BITSTRING	12	OSEDRVU2	RESERVED FOR USER
402	(192)	BITSTRING	12	OSEDFSCP	FSA CHECKPOINT FDB
414	(19E)	BITSTRING	32	OSEOTSWB	OUTPUT SWB FDB
446	(1BE)	BITSTRING	2	OSEDPDQC	PDQ ENTRY CHECKPOINT (PDQFLG2+3 COPY)
446	(1BE)	X'1BF'	0	OSEDPDQ3	"OSEDPDQC+1" PDQFLG3 position

Comment

SEE IAZOHLD MAPPING MACRO FOR MORE INFORMATION
ABOUT HOLD TYPES AND SYSTEM HOLD REASONS.

End of Comment

448	(1C0)	BITSTRING	2	OSEDRVD5	RESERVED FOR DEVELOPMENT
450	(1C2)	BITSTRING	1	OSEDTYPE	DATA SET HOLD TYPE
451	(1C3)	BITSTRING	1	OSEDRSN	DATA SET HOLD REASON
452	(1C4)	SIGNED	2	OSEDRVS2 (4)	RESERVED FOR SERVICE
460	(1CC)	CHARACTER	8	OSEMIDSE	FSS/FSA RELDS MESSAGE ID D011
468	(1D4)	SIGNED	4	OSERSV00	Reserved for IBM This field may be reclaimed when release HJS7703 is no longer in service
472	(1D8)	SIGNED	4	OSEDSNUM	Dataset number from CTOKEN
476	(1DC)	SIGNED	4	OSEDRVD6	Reserved for development
476	(1DC)	X'1E0'	0	OSEDEND	"*"
480	(1E0)	BITSTRING	1	OSEDSIZE (0)	LENGTH OF DS ELEMENT

IATYOSE Cross Reference

Name

OSEAIDS
OSEAROUT
OSEASA
OSEBDT
OSEBFENF
OSEBFLG1
OSEBFLG2
OSEBF201
OSEBF202
OSEBF204
OSEBF210
OSEBF220
OSEBJNUM
OSEBQUED
OSEBSENT

Name

OSEBTS
OSEBUOUT
OSEBURST
OSECANPD
OSECARR
OSECFS
OSECHARS
OSECHN
OSECHNSZ
OSECHTP
OSECKPL
OSECKPP
OSECKPS
OSECL
OSECLASS
OSECMPLT
OSECNT
OSECNT4
OSECOPY
OSECOPYE
OSECOPYT
OSECPYMK
OSECTABN
OSEDATA
OSEDBYTE
OSEDCCPY
OSEDCKPT
OSEDCOFF
OSEDCPDS
OSEDCPGE
OSEDCRCD
OSEDCTKN
OSEDCTPG
OSEDCTRK
OSEDCUPG
OSEDDNAM
OSEDDSID
OSEDEND
OSEDEST
OSEDEST2
OSEDFCHR
OSEDFCPY
OSEDFFCB
OSEDFFLH
OSEDFLG1
OSEDFLG2
OSEDFLG3
OSEDFLG4
OSEDFLG5
OSEDFSCP
OSEDFTA
OSEDFUCS
OSEDHOLD
OSEDJRST
OSEDLNCT
OSEDNFSA
OSEDNOTE
OSEDOIA
OSEDOIV
OSEDOIX

Name

OSEDONE
OSEDPDQC
OSEDPDQ3
OSEDPEND
OSEDPGCT
OSEDRCCT
OSEDRSN
OSEDRVD2
OSEDRVD3
OSEDRVD4
OSEDRVD5
OSEDRVD6
OSEDRVS2
OSEDRVU1
OSEDRVU2
OSEDS
OSEDSENF
OSEDSET
OSEDSFDF
OSEDSH
OSEDSHNO
OSEDSID
OSEDSIZE
OSEDSNUM
OSEDSPDF
OSEDSTAT
OSEDSVAL
OSEDTYPE
OSEEJCT
OSEENTRY
OSEFEND
OSEFIXL
OSEFJDVT
OSEFLAG
OSEFLAG2
OSEFLAG3
OSEFLAG4
OSEFLAG5
OSEFLAG6
OSEFLAG7
OSEFLAG8
OSEFLAG9
OSEFLASH
OSEFLCNT
OSEFLGM1
OSEFLGM2
OSEFLGM3
OSEFLGM4
OSEFLGM5
OSEFLGM6
OSEFLGSM
OSEFLG2
OSEFLG2M
OSEFL901
OSEFL902
OSEFL904
OSEFL908
OSEFL910
OSEFL920
OSEFL940

Name

OSEFORMS
OSEFRCAR
OSEFRFMS
OSEFRMDF
OSEFRP
OSEFRUCS
OSEFSCKI
OSEFSIZE
OSEFSS
OSEGROUP
OSEGRPID
OSEHDR
OSEHRVS1
OSEHRVS2
OSEHRVS3
OSEID
OSEINT
OSEINTDF
OSEIPADR
OSEJBNUM
OSEJDSJN
OSEJDSPT
OSEJH
OSEJOBC
OSEJOBN
OSEJOBNM
OSEJOBNO
OSEJOBRQ
OSEJT
OSEJTYPE
OSELNLIM
OSELOAD
OSEMARK
OSEMBUST
OSEMCH
OSEMCHAR
OSEMCHN
OSEMCL1
OSEMCL2
OSEMCOPY
OSEMCPY
OSEMCPYS
OSEMCTAB
OSEMDEST
OSEMDEVT
OSEMDSID
OSEMDST2
OSEMEND
OSEMFCB
OSEMFLAG
OSEMFLCT
OSEMFLG1
OSEMFLSH
OSEMFL01
OSEMFL02
OSEMFL04
OSEMFL08
OSEMFL10
OSEMFL20
OSEMFL40

Name

OSEMFORM
OSEMFRMD
OSEMIDSE
OSEMINT
OSEMIPAD

OSEMMODI
OSEMMODR
OSEMODE
OSEMODED
OSEMODID

OSEMODRC
OSEMOSE
OSEMOTBN
OSEMOVFL
OSEMPGED

OSEMPRMD
OSEMPRTY
OSEMRECD
OSEMSECT
OSEMSIZE

OSEMSPC
OSEMTHRS
OSEMUCS
OSEMWTR
OSEM1008

OSEM1010
OSEM2001
OSEM2002
OSEM2020
OSEM3004

OSEM3020
OSEM3040
OSEM3080
OSEM4001
OSEM4002

OSEM4004
OSEM4008
OSEM6002
OSEM6004
OSEM6008

OSEM6010
OSEM6020
OSEM6040
OSENCHAR
OSENEXTM

OSENJEJB
OSENJEOP
OSENJE1
OSENOIP
OSENPRCS

OSENTSV
OSEOFRMD
OSEOIPAD
OSEOPCAN
OSEOPCDJ

OSEOPEND
OSEOPGED
OSEOSDR
OSEOSEND
OSEOSPTY

Name

OSEOSS
OSEOSTBE
OSEOSTBL
OSEOSTLN
OSEOTBIN
OSEOTSWB
OSEOVERF
OSEOVFL
OSEPBFDL
OSEPEND
OSEPGEDF
OSEPGLIM
OSEPGNUM
OSEPGSZ
OSEPMVAL
OSEPRTY
OSEPSCHR
OSEPSFHR
OSEPSFLH
OSEPSMHR
OSEPSMOD
OSEPSOAF
OSEPSTHR
OSEPSUHR
OSEPUNDS
OSEPUNVL
OSEQAV
OSEQSEP
OSERBA
OSERCLIM
OSERCOFF
OSERCOPY
OSERCTRK
OSERCUPG
OSEREF
OSERLNES
OSERMTD
OSERMTWR
OSERNOTE
OSERNTRY
OSERPGE
OSERPGES
OSERRCD
OSERSTD
OSERSTND
OSERSV00
OSESAPI
OSESBUST
OSESCFDB
OSESCHAR
OSESCHD
OSESCKPL
OSESCKPP
OSESCKSC
OSESCLAS
OSESCOPY
OSESCPYS
OSESCTAB
OSESDEST
OSESDOFS

Name

OSESDST2
OSESECBL
OSESECT2
OSESEPT
OSESEQNM

OSESFCB
OSESFLCT
OSESFLGS
OSESFLSH
OSESFORM

OSESINGL
OSESJBIC
OSESJBID
OSESMODI
OSESMODR

OSESOSS
OSESPC1
OSESPC2
OSESPNOF
OSESPRMD

OSESPRTY
OSESQSEP
OSESTACK
OSESTART
OSESTHRS

OSESTRDC
OSESTYPE
OSESUCS
OSESWBID
OSESWTR

OSESYS
OSESYSOT
OSETBYTE
OSETCP
OSETDEST

OSETEMP
OSETHOLD
OSETIME
OSETLINE
OSETOTL

OSETPAGE
OSETPID
OSETRECD
OSETRK
OSETSO

OSETYPE
OSEUCS
OSEUPJDS
OSEUSRID
OSEUTVS

OSEVARL
OSEVEND
OSEVLID
OSEVOFST
OSEVRVD5

OSEVRVD6
OSEVRVD7
OSEVRVD8
OSEVRVS1
OSEVRVS2

Name

OSEVRVS3
OSEVRVU1
OSEVRVU2
OSEVRVU3
OSEVSIZE

OSEWAREA
OSEWCVAL
OSEWHOLD
OSEWQMHQ
OSEWRITE

OSEWSI
OSEWSIMX
OSEWSVAL
OSEWTRN
OSEWTRNM

OSEXPRTY
OSEXT
OSEXWTRH
OSEYESIP
OSE7RSV5

OSE7RSV6
OSE7RSV7
OSNJ3800

IATYOSPC Information

IATYOSPC Heading Information

Common Name: IATOSPC Work Area
Macro ID: IATYOSPC
DSECT Name: OSPCSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: OSPCWORK
Offset: 0
Length: 8
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 1
Data Space: N/A
Size: OSPCWKSZ bytes
Created by: IATOSPC
Pointed to by: WSPYOSPC in IATYWSP
Serialization: None
Function: This macro maps a work area used by module IATOSPC.

IATYOSPC Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	OSPCSTRT	,
0	(0)	CHARACTER	8	OSPCID	YOSPC eyecatcher
8	(8)	SIGNED	4	OSPCGMSZ	Size of area GETMAINed by IATOSPC (includes IATYOSPC and other control blocks)
12	(C)	ADDRESS	4	OSPCRST1	Reserved for IBM
16	(10)	ADDRESS	4	OSPCYU72	IATYUX72 address
20	(14)	ADDRESS	4	OSPCUX60	IATUX60 paremeter list addr
24	(18)	ADDRESS	4	OSPCTKNA	Security token address
28	(1C)	ADDRESS	4	OSPCJIB	JIB address for unallocate 07277SXC
32	(20)	ADDRESS	4	OSPCJIBX	JIB extension address 07277SXC
36	(24)	ADDRESS	4	OSPCRST4	Reserved for IBM
40	(28)	ADDRESS	4	OSPCRST5	Reserved for IBM
44	(2C)	ADDRESS	4	OSPCRST6	Reserved for IBM
48	(30)	ADDRESS	4	OSPCOSED	OSE ds section **scaffold**
52	(34)	ADDRESS	4	OSPCJDSP	JDS entry address
52	(34)	X'10'	0	OSPCMXDS	"16" Maximum number of OSE data set sections in a variable section
56	(38)	SIGNED	4	OSPCRST9	Reserved for IBM
60	(3C)	ADDRESS	4	OSPCRSTA (0)	Reserved for IBM
124	(7C)	CHARACTER	1	OSPCENTI	SAF entity name

Comment

```
------------------------------------------------------------
     ENF signalling processing fields
------------------------------------------------------------
```

End of Comment

180	(B4)	SIGNED	4	(0)	Alignment
180	(B4)	BITSTRING	80	OSPCCTKN	Client token (CTOKEN)
260	(104)	CHARACTER	18	OSPCRSTX	Reason text

Comment

```
OSPCXOSN IATXOSEN MF=L IATXOSEN parameter list
   $SK = ENF58CK HJS7708 020916 ID1RS: z 1.5.0
     IATXOSEN MF=L
```

End of Comment

280	(118)	SIGNED	4	OSPCXOSN (0)	List form

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
280	(118)	ADDRESS	4		CTOKEN address
284	(11C)	ADDRESS	4		New client token address
288	(120)	ADDRESS	4		Address of system hold reason
292	(124)	ADDRESS	4		Address of reason text
296	(128)	ADDRESS	4		Address of checkpoint data
300	(12C)	BITSTRING	1	OSPCFLAG	IATYOSPC flag byte
				Comment	

				Definition of OSPCFLAG	

				End of Comment	
		1...		OSPCSPLT	"X'80'" Reserved for IBM
		.1..		OSPCWCHN	"X'40'" Reserved for IBM
		..1.		OSPCMLSP	"X'20'" Reserved for IBM
		...1		OSPC2BOS	"X'10'" Two-byte compatible OSE OSE buffer number needs to be returned
		.... 1...		OSPCD676	"X'08'" A DM676 condition (OSE sequence number too high for caller) was detected
				Comment	
				EQU X'04' .	
				EQU X'02' .	
				EQU X'01' .	
				End of Comment	
301	(12D)	BITSTRING	1	OSPCFLG2	IATYOSPC flag byte 2 07277SXA
				Comment	
				---------- 07277SXA	
				Definition of OSPCFLG2 07277SXA	
				---------- 07277SXA	
				End of Comment	
		1...		OSPCRSDL	"X'80'" Residual staging area 07277SXA
		.1..		OSPCRSNT	"X'40'" Resent staging area 07277SXA
		..1.		OSPCDDEL	"X'20'" Data set deleted 07277SXA
		...1		OSPCPCMP	"X'10'" PSO PUT processing complete 07277SXA
		.... 1...		OSPCCKCL	"X'08'" JDAB checkpoint cleared 07277SXA
		.... .1..		OSPCF204	"X'04'" Reserved for IBM 07277SXA
		.... ..1.		OSPCF202	"X'02'" Reserved for IBM 07277SXA
		1		OSPCF201	"X'01'" Reserved for IBM 07277SXA
302	(12E)	BITSTRING	1	OSPCRSV1 (2)	Reserved for IBM 07277SXC
304	(130)	BITSTRING	12	OSPCRSTB	Reserved for IBM 07277SXM
316	(13C)	SIGNED	4	OSPCRSV2 (6)	Reserved for IBM
340	(154)	SIGNED	4	OSPCRSVU (2)	Reserved for user
348	(15C)	SIGNED	4	OSPCEND (0)	End of YOSPC data area
348	(15C)	X'15C'	0	OSPCWKSZ	"OSPCEND-OSPCSTRT" Size of YOSPC data area

IATYOSPC Cross Reference

Name

OSPCCKCL
OSPCCTKN
OSPCDDEL
OSPCD676
OSPCEND
OSPCENTI
OSPCFLAG
OSPCFLG2
OSPCF201
OSPCF202
OSPCF204
OSPCGMSZ
OSPCID
OSPCJDSP
OSPCJIB
OSPCJIBX
OSPCMLSP
OSPCMXDS
OSPCOSED
OSPCPCMP
OSPCRSDL
OSPCRSNT
OSPCRSTA
OSPCRSTB
OSPCRSTX
OSPCRST1
OSPCRST4
OSPCRST5
OSPCRST6
OSPCRST9
OSPCRSVU
OSPCRSV1
OSPCRSV2
OSPCSPLT
OSPCSTRT
OSPCTKNA
OSPCUX60
OSPCWCHN
OSPCWKSZ
OSPCXOSN
OSPCYU72
OSPC2BOS

IATYOSR Information

IATYOSR Programming Interface information

Programming Interface information

IATYOSR

End of Programming Interface information

IATYOSR Heading Information

Common Name: OUTPUT SERVICE RESTART RECORD
Macro ID: IATYOSR
DSECT Name: OSRSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: OSR
Offset: 0
Length: 4
Storage Attributes: Main Storage: JESPOOL
Auxiliary Storage: N/A
Size: 56 Bytes
Created by: IATOSRS
Pointed to by: TVTOSRTQ IN THE TVT
TVTSOSRQ IN THE TVT
OSRNEXT IN THE OSR
Serialization: None
Function: THE OUTPUT SERVICE RESTART RECORD FACILITATES
THE FSA WRITER RESTART AFTER A JES3 HOTSTART.
IT HELPS TO IDENTIFY ALL OSES INVOLVED WITH
AN FSA WRITER SO IT CAN BE RESYNCHRONIZED
WITH THE ASSOCIATED FSS WRITER DSP.
OSRS ARE ALSO BUILT TO REPRESENT SCHEDULED
WORK FOR SAPI APPLICATIONS. THE SAPI OSRS
HELP REBUILD THE SAPI DATASPACE ON RESTARTS.

IATYOSR Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	OSRSTART	
0	(0)	CHARACTER	4	OSRID	CONTROL BLOCK IDENTIFIER
4	(4)	SIGNED	4	OSRNEXT	POINTER TO THE NEXT ELEMENT
8	(8)	BITSTRING	12	OSROSEPT	WOSE FDB POINTER
20	(14)	SIGNED	4	OSROSES4	OSE sequence number
24	(18)	SIGNED	2	OSROFST	DISK OSE ENTRY OFFSET
26	(1A)	SIGNED	2	OSRRSVS2	Reserved for IBM
28	(1C)	SIGNED	4	OSRRESQ	RESQUEUE ADDR OF RESTARTED JOB
32	(20)	BITSTRING	8	OSRDDNAM	JNAME OF WTR PROCESSING OSE
32	(20)	BITSTRING	2	OSRDOFST	OSE Dataset Offset
34	(22)	BITSTRING	2	OSRAPJBC	Compatible with OSRAPJBI - see IATXJBNO macro
36	(24)	BITSTRING	4	OSRTRDCT	SAPI Thread Count
40	(28)	SIGNED	4	OSRAPJBI	SAPI Application Job Number
44	(2C)	SIGNED	4	OSRRSVD2 (2)	Reserved for IBM
52	(34)	SIGNED	4	OSRRSVS1	RESERVED FOR SERVICE
56	(38)	SIGNED	4	OSRRSVU1	RESERVED FOR USER
60	(3C)	BITSTRING	1	OSREND (0)	END OF IATYOSR MAP
60	(3C)	X'3C'	0	OSRLEN	"OSREND-OSRSTART" LENGTH OF THE OSR

IATYOSR Cross Reference

Name

OSRAPJBC
OSRAPJBI
OSRDDNAM
OSRDOFST
OSREND

OSRID
OSRLEN
OSRNEXT
OSROFST
OSROSEPT

Name

OSROSES4
OSRRESQ
OSRRSVD2
OSRRSVS1
OSRRSVS2
OSRRSVU1
OSRSTART
OSRTRDCT

IATYOSS Information

IATYOSS Programming Interface information

Programming Interface information

IATYOSS

End of Programming Interface information

IATYOSS Heading Information

Common Name: OUTPUT SERVICE SUMMARY ELEMENT
Macro ID: IATYOSS
DSECT Name: OSSSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: OSS
Offset: 0
Length: 4
Storage Attributes: Main Storage: JESPOOL
Auxiliary Storage: N/A
Subpool: 0
Key: 1
Residency: ANY
Size: 188 Bytes
Created by: IATOSGP
Pointed to by: OSS ENTRIES ARE CHAINED BY MOSE AND JOB. EACH OSS BELONGS TO ONE MOSE AND ONE JOB. OSEOSS POINTS TO THE FIRST OSS ON A MOSE'S OSS CHAIN. RQOSSTOP POINTS TO THE FIRST OSS ON A JOBS'S OSS CHAIN.
Serialization: None
Function: THE OSS CONTROL BLOCK CONTAINS SUMMARY INFORMATION FOR ONE OR MORE OSE'S. ALL OF THE OSE'S REPRESENTED BY THE OSS ARE IDENTICAL IN ALL CHARACTERISTICS EXCEPT LINE, PAGE OR SPOOL RECORD COUNT. THE OSS IS AN IN STORAGE CONTROL BLOCK THAT ENABLES OUTPUT SERVICE TO DETERMINE IF A JOB HAS OSE'S THAT CAN BE SCHEDULED TO A PARTICULAR WRITER, WITHOUT HAVING TO EXAMINE THE OSE'S ON THE SPOOL.

IATYOSS Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	OSSSTART	
0	(0)	SIGNED	4	(0)	FULLWORD ALIGNMENT
0	(0)	CHARACTER	4	OSSID	OSS EYECATCHER
4	(4)	SIGNED	4	OSSCHAIN	NEXT OSS ENTRY THIS JOB
8	(8)	ADDRESS	4	OSSNEXT	NEXT OSS ENTRY THIS OSE
12	(C)	ADDRESS	4	OSSPREV	PREVIOUS OSS ENTRY THIS OSE 0582
16	(10)	ADDRESS	4	OSSOSE	MASTER OSE ADDRESS 2
20	(14)	ADDRESS	1	OSSJBPTY	JOB PRIORITY
21	(15)	ADDRESS	1	OSSPRTY	HIGHEST PRIORITY NOT SCHED.
22	(16)	BITSTRING	1	OSSBFLG1	FLAG BYTE
				Comment	

				DEFINITION OF OSSBFLG1	

				End of Comment	
22	(16)	X'80'	0	OSSBDT	"OSEBDT" OSE IS FOR BDT
22	(16)	X'40'	0	OSSJTYPE	"OSEJTYPE" NETWORK JOB STREAM
22	(16)	X'20'	0	OSSSTYPE	"OSESTYPE" NETWORK SYSOUT STREAM
22	(16)	X'10'	0	OSSJH	"OSEJH" JOB HEADER OSE
22	(16)	X'8'	0	OSSDSH	"OSEDSH" DATASET HEADER OSE
22	(16)	X'4'	0	OSSDS	"OSEDS" SYSOUT DATASET OSE
22	(16)	X'2'	0	OSSJT	"OSEJT" JOB TRAILER OSE
23	(17)	BITSTRING	1	OSSBFLG2	FLAG BYTE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		DEFINITION OF OSSBFLG2 The flags defined in OSEBFLG2 must be defined the same way in OSSBFLG2. Otherwise someone might try to take 04, 02, or 01 in one macro and not take the same flag in the other. The reverse case is different. A bit can be defined in OSSBFLG2 as long as it is defined in OSEBFLG2 as "Reserved - DO NOT USE".			
		End of Comment			
23	(17)	X'80'	0	OSSBSENT	"OSEBSENT" Transaction sent to BDT/TCP
23	(17)	X'40'	0	OSSBQUED	"OSEBQUED" Transaction queued by BDT/TCP
		..1.		OSSBCAN	"X'20'" CANCEL COMMAND INTERCOMMED to BDT/TCP
		...1		OSSAROUT	"X'10'" STREAM ACTIVE ON REROUTE
23	(17)	X'8'	0	OSSTCP	"OSETCP" OSE is for TCP
		.... .1..		OSSBF204	"X'04'" Reserved for IBM
		.... ..1.		OSSBF202	"X'02'" Reserved for IBM
		1		OSSBF201	"X'01'" Reserved for IBM
24	(18)	BITSTRING	1	OSSFLAG1	FLAG BYTE
		Comment			
		DEFINITION OF OSSFLAG1			
		End of Comment			
		1...		OSSCHNGE	"X'80'" ENTRY HAS BEEN CHANGED.
		.1..		OSSHOLD	"X'40'" ENTRY FOR HELD DATA SETS
		..1.		OSSIPEND	"X'20'" ENTRY PENDING FOR INQUIRY 0316
		...1		OSSOSBSY	"X'10'" OSS IS BEING PROCESSED BY 0321 AN OUTSERV FCT AND SHOULD 0321 NOT BE DECHAINED YET 0321
		.... 1...		OSSOKSAF	"X'08'" SAF CALL HAS PASSED FOR 0128 THIS OSS FOR THE WRITER 0128 NAMED IN OSEDDNAM 0128
		.... .1..		OSSSMALL	"X'04'" NO SECURITY INFO IN THIS OSS; USE RSQ INSTEAD
		.... ..1.		OSSNEW	"X'02'" This OSS represents a new piece of output
		1		OSSSPNJN	"X'01'" Job name is from a JSAB
25	(19)	BITSTRING	3	OSSRSVD	Reserved for IBM 0630
28	(1C)	ADDRESS	4	OSSDXCHN	DEVICE EXCLUSION CHAIN. A 0630 DXE IS PLACED ON THIS CHAIN 0630 FOR EACH DEVICE ON WHICH 0630 THIS OSS OUTPUT COULD NOT 0630 BE PRINTED BECAUSE THE 0630 SECURITY CHECK FAILED. 0630 0630
32	(20)	BITSTRING	4	OSSOTBIN	OUTBIN ID 0146
36	(24)	SIGNED	4	OSSBUFF4	OSE buffer number
40	(28)	SIGNED	4	OSSRSVS	- RESERVED FOR SERVICE 0146
44	(2C)	SIGNED	4	OSSRSVU	- RESERVED FOR USER
48	(30)	ADDRESS	4	OSSRQAD	RQ ADDRESS THIS JOB

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- OSSMAXL DEFINES THE LINE COUNT OF THE VARIABLE OSE WITH THE MAXIMUM LINES. THIS FIELD IS ALSO USED IN IATOSGP TO REPRESENT THE NUMBER OF AVAILABLE OSS ENTRIES IN THE POOL FROM WHICH OSS ENTRIES ARE CREATED. ----------	
				End of Comment	
52	(34)	SIGNED	4	OSSMAXL	MAXIMUM LINE COUNT NOT SCHD 8#06574SVD
				Comment	
				---------- OSSMINL DEFINES THE LINE COUNT OF THE VARIABLE OSE WITH THE MINIMUM LINES. THIS FIELD IS ALSO USED IN IATOSGP TO POINT TO THE FIRST AVAILABLE OSS ENTRY IN THE POOL FROM WHICH OSS ENTRIES ARE OBTAINED. ----------	
				End of Comment	
56	(38)	SIGNED	4	OSSMINL	MINIMUM LINE COUNT NOT SCHD
				Comment	
				---------- 06574SVA BDT work represented by an OSS does not use field 06574SVA OSSMAXL and OSSMINL. Therefore, an ORG to it is ok. 06574SVA ---------- 06574SVA	
				End of Comment	
52	(34)	SIGNED	2	OSSBJNUM	BDT job number in binary 06574SVA
54	(36)	BITSTRING	6	OSSBRSVD	Reserved for IBM (only for 06574SVA BDT related fields) 06574SVA
				Comment	
				---------- 06574SVA TCP work represented by an OSS does not use field 06574SVA OSSMAXL and OSSMINL. Therefore, an ORG to it is ok. 06574SVA ---------- 06574SVA	
				End of Comment	
52	(34)	CHARACTER	8	OSSNTSV	TCP/IP Netserv name 06574SVA
60	(3C)	SIGNED	4	OSSTOTL	TOTAL LINE COUNT NOT CMPLT
64	(40)	SIGNED	4	OSSMAXP	MAXIMUM PAGE COUNT NOT SCHD
68	(44)	SIGNED	4	OSSMINP	MINIMUM PAGE COUNT NOT SCHD
				Comment	
				---------- BDT/TCP work represented by an OSS does not use fields OSSMAXP and OSSMINP. Therefore, an ORG to them is OK. ----------	
				End of Comment	
64	(40)	CHARACTER	8	OSSGRPID	BDT/TCP group identifier
72	(48)	SIGNED	4	OSSTOTP	TOTAL PAGE COUNT NOT CMPLT
76	(4C)	SIGNED	4	OSSTOTR	TOTAL RECORD COUNT NOT CMPLT

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
80	(50)	SIGNED	4	OSSTOTB	Total byte count not cmplt - 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
84	(54)	SIGNED	4	OSSRSVD1	Reserved for IBM
88	(58)	DBL WORD	8	OSSTIME	STCK CLOCK VALUE

Comment

OSSAVAIL DEFINES THE NUMBER OF VARIABLE OSE ENTRIES
THAT ARE AVAILABLE FOR SCHEDULING. IF THE COUNT
IN OSSAVAIL IS ZERO THEN MODULES IATOSWS AND IATOSSC
WILL BYPASS THE OSS FOR SCHEDULING SINCE NO DISK
OSE'S ARE AVAILABLE FOR SCHEDULING.

End of Comment

96	(60)	SIGNED	2	OSSAVAIL	NUMBER OF AVAILABLE OSE'S

Comment

OSSSCHED DEFINES THE NUMBER OF VARIABLE OSE ENTRIES
THAT ARE SCHEDULED TO DEVICES. THIS FIELD IS ALSO
INCREMENTED WHENEVER THE OPERATOR PUTS A JOB'S
VARIABLE OSE INTO HOLD.

End of Comment

98	(62)	SIGNED	2	OSSSCHED	NUMBER OF SCHEDULED OSE'S
100	(64)	SIGNED	4	OSSWSI	WSI value to be assigned for OSEs using this OSS
100	(64)	X'68'	0	OSSSMEND	"*" End of small OSS
104	(68)	BITSTRING	1	OSSSMAL (0)	OSS WITHOUT TOKEN ET AL

Comment

End of a small OSS

OSSTOKEN HOLDS THE SECURITY TOKEN FOR THE DATASETS 0
THAT BELONG TO THIS OSS. SINCE THESE DATASETS ALL 0
HAVE THE SAME USERID AND SECLABEL, ONE TOKEN CAN 0
REPRESENT ALL DATASETS FOR THE WRITER CLASS CALLS. 0
IF THE TOKEN IS UNAVAILABLE WHEN THE OSS IS CREATED, 0
THEN OSSNAVL IS SET TO "NAVAIL". THE ISSUER OF 0
IATXGOSE CAN THEN FILL IN OSSJDSPT WITH THE JDSPOINT 0
INFORMATION TO FACILITATE FILLING IN THE TOKEN 0
(USING THE DATASET'S JDS ENTRY) LATER. 0
IF THIS IS A "SMALL" OSS (OSSSMALL SET), THEN THERE
WILL BE NO SECURITY INFO (I.E., THE OSS ENDS BEFORE
OSSTOKEN). IF OSSSMALL IS SET, USE RQTOKEN, RQOUSID
AND RQSECBL IN PLACE OF THESE OSS FIELDS. THIS IS
DONE TO LESSEN STORAGE USE.

--- 0

End of Comment

104	(68)	BITSTRING	80	OSSTOKEN	SECURITY TOKEN 0128
104	(68)	CHARACTER	8	OSSNAVL	"NAVAIL" IF TOKEN UNKNOWN 0128
112	(70)	SIGNED	4	OSSJDSPT	JDS POINT INFORMATION 0128
184	(B8)	CHARACTER	8	OSSUSRID	USERID 0128
192	(C0)	CHARACTER	8	OSSSECBL	SECLABEL 0128
200	(C8)	CHARACTER	8	OSSTPID	APPC TRANSACTION ID
208	(D0)	CHARACTER	8	OSSJDSJN	Job name from JDS (can differ from regular job name if a JSAB is used)
208	(D0)	X'D8'	0	OSSEND	"*"

IATYOSS Cross Reference

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
216	(D8)	BITSTRING	1	OSSSIZE (0)	BLOCK SIZE

IATYOSS Cross Reference

Name

OSSAROUT
OSSAVAIL
OSSBCAN
OSSBDT
OSSBFLG1
OSSBFLG2
OSSBF201
OSSBF202
OSSBF204
OSSBJNUM
OSSBQUED
OSSBRSVD
OSSBSENT
OSSBUFF4
OSSCHAIN
OSSCHNGE
OSSDS
OSSDSH
OSSDXCHN
OSSEND
OSSFLAG1
OSSGRPID
OSSHOLD
OSSID
OSSIPEND
OSSJBPTY
OSSJDSJN
OSSJDSPT
OSSJH
OSSJT
OSSJTYPE
OSSMAXL
OSSMAXP
OSSMINL
OSSMINP
OSSNAVL
OSSNEW
OSSNEXT
OSSNTSV
OSSOKSAF
OSSOSBSY
OSSOSE
OSSOTBIN
OSSPREV
OSSPRTY
OSSRQAD
OSSRSVD
OSSRSVD1
OSSRSVS
OSSRSVU
OSSSCHED
OSSSECBL
OSSSIZE
OSSSMAL
OSSSMALL

Name

OSSSMEND
OSSSPNJN
OSSSTART
OSSSTYPE
OSSTCP
OSSTIME
OSSTOKEN
OSSTOTB
OSSTOTL
OSSTOTP
OSSTOTR
OSSTPID
OSSUSRID
OSSWSI

IATYOST Information

IATYOST Heading Information

Common Name: *0031 OST (OSE Summary Table)
Macro ID: IATYOST
DSECT Name: OSTSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: OST
Offset: 0
Length: 3
Storage Attributes: Main Storage: JES3OST Data Space
Auxiliary Storage: N/A
Key: 1
Residency: Any
Size: In OSTLEN
Created by: IATOSDR
Pointed to by: CSBTUSER in an OSE entry
Serialization: None
Function: This macro is used to map the OSE Summary Table.
Three sections are mapped:
- The OST header
- There is one per OSE buffer
- An OSE variable section
- There is one for each OSE variable section in an OSE buffer
- A data set section
- There is one for each data set under the same OSE variable section

The number of variable sections directly correlates to the number of sections in the corresponding OSE buffer. Each section contains summary data used by SAPI and Extended Status.

IATYOST Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	OSTSTART	, Start of OST mapping
0	(0)	CHARACTER	3	OSTNAME	Eyecatcher
3	(3)	ADDRESS	1	OSTVER	OST version
3	(3)	X'1'	0	OSTIVER	"1" Initial version number
3	(3)	X'2'	0	OSTZ140	"2" Version for HJS7707 0023
3	(3)	X'3'	0	OST6608O	"3" Ver for OW56608 below 707
3	(3)	X'4'	0	OST6608	"4" Version for OW56608
3	(3)	X'5'	0	OSTZ150	"5" Version for HJS7708
3	(3)	X'5'	0	OSTCVER	"OSTZ150" Current version number
4	(4)	SIGNED	4	OSTJOBNO	Job number
4	(4)	X'8'	0	OSTHSIZE	"*-OSTSTART" Size of OST header section

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	OSTOSTRT	, Start of OST mapping
0	(0)	BITSTRING	2	OSTLEN	OST variable entry length incl. all data set sections
2	(2)	BITSTRING	1	OSTDSCNT	Count of data set sections
3	(3)	BITSTRING	1	OSTOCNTL	Control flags
		1...		OSTBDT	"X'80'" BDT OSE
		.1..		OSTSAPI	"X'40'" OSE scheduled to a SAPI application
		..1.		OSTTCP	"X'20'" TCP OSE
		...1		OSTFRP	"X'10'" Copy of OSEFRP flag
		.... 1...		OSTOCL08	"X'08'" Reserved for IBM
		.... .1..		OSTOCL04	"X'04'" Reserved for IBM
		.... ..1.		OSTOCL02	"X'02'" Reserved for IBM
		1		OSTOCL01	"X'01'" Reserved for IBM

IATYOST Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
4	(4)	BITSTRING	2	OSTRESV	Reserved for IBM
6	(6)	BITSTRING	1	OSTOFLGS	Copy of OSEFLAG
7	(7)	BITSTRING	1	OSTPRTY	Copy of OSEPRTY
8	(8)	SIGNED	4	OSTBUFN4	OSE buffer number
12	(C)	BITSTRING	2	OSTOSEFS	OSE offset in the buffer
14	(E)	BITSTRING	6	OSTRESV2	Reserved for IBM
20	(14)	SIGNED	4	OSTWSI	WSI value assigned to this set of SYSOUT data sets
24	(18)	SIGNED	4	OSTTLINE	Total line count 0023 0023
28	(1C)	SIGNED	4	OSTTPAGE	Total page count 0023 0023
32	(20)	SIGNED	4	OSTTREC	Total record count
36	(24)	SIGNED	4	OSTTBYTE	Total SPOOL buffer count - multiply by SIZEBUF to obtain the byte count
40	(28)	CHARACTER	8	OSTDDNAM	Device OSE is scheduled to
48	(30)	BITSTRING	8	OSTTIME	STCK clock value 0023
48	(30)	X'31'	0	OSTIMETK	"OSTTIME+1,4" Bytes 2-5 of OSTTIME 09784S2A used to build *MODIFY U, 09784S2A TK= value 09784S2A 09784S2A
56	(38)	ADDRESS	4	OSTOSSAD	OSS address
60	(3C)	ADDRESS	4	OSTSEEQ	SEE queue pointer
64	(40)	SIGNED	4	OSTOEND (0)	End of OSE section
64	(40)	X'40'	0	OSTOSIZE	"OSTOEND-OSTOSTRT" Size of OST OSE section

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	OSTDSTRT	Start of OST data set section
0	(0)	BITSTRING	1	OSTDFLG2	OSEDFLG2 copy
1	(1)	BITSTRING	1	OSTDFLG4	OSEDFLG4 copy
2	(2)	BITSTRING	1	OSTDFLG5	OSEDFLG5 copy
3	(3)	CHARACTER	8	OSTDEST2	Secondary DEST 0023 0023
11	(B)	BITSTRING	1	OSTDTYPE	OSEDTYPE copy
12	(C)	BITSTRING	1	OSTDRSN	OSEDRSN copy
13	(D)	BITSTRING	1	OSTDESF1	Extended Status Flags 1
		1...		OSTDMTCH	"X'80'" Data set matched selection criteria and should be built as an SSVE, if verbose output requested
		.1..		OSTDE140	"X'40'" Reserved for IBM
		..1.		OSTDE120	"X'20'" Reserved for IBM
		...1		OSTDE110	"X'10'" Reserved for IBM
		.... 1...		OSTDE108	"X'08'" Reserved for IBM
		.... .1..		OSTDE104	"X'04'" Reserved for IBM
		.... ..1.		OSTDE102	"X'02'" Reserved for IBM
		1		OSTDE101	"X'01'" Reserved for IBM
14	(E)	BITSTRING	1	OSTFLCNT	OSEFLCNT flash count
15	(F)	BITSTRING	1	OSTCOPY	Data set copy count
16	(10)	BITSTRING	4	OSTDSNUM	Data set number from OSEDSNUM
20	(14)	BITSTRING	4	OSTJDSPT	JDS NOTE value for the corresponding data set
20	(14)	X'14'	0	OSTJDSOF	"OSTJDSPT,2" JDS entry offset
20	(14)	X'16'	0	OSTJDSBF	"OSTJDSPT+2,2" JDS buffer number
24	(18)	BITSTRING	2	OSTDSOFS	Ds section offset in buffer 09784S2A
26	(1A)	BITSTRING	2	OSTDRSV1	Reserved for IBM 09784S2A
26	(1A)	X'1C'	0	OSTDEND	"*" End of OST data set section
26	(1A)	X'1C'	0	OSTDSIZE	"OSTDEND-OSTDSTRT" Size of OST data set section
26	(1A)	X'200'	0	OSTMXSZ	"OSTOSIZE+OSTDSIZE*16" Maximum OST size

IATYOST Cross Reference

Name

OSTBDT
OSTBUFN4
OSTCOPY
OSTCVER
OSTDDNAM
OSTDEND
OSTDESF1
OSTDEST2
OSTDE101
OSTDE102
OSTDE104
OSTDE108
OSTDE110
OSTDE120
OSTDE140
OSTDFLG2
OSTDFLG4
OSTDFLG5
OSTDMTCH
OSTDRSN
OSTDRSV1
OSTDSCNT
OSTDSIZE
OSTDSNUM
OSTDSOFS
OSTDSTRT
OSTDTYPE
OSTFLCNT
OSTFRP
OSTHSIZE
OSTIMETK
OSTIVER
OSTJDSBF
OSTJDSOF
OSTJDSPT
OSTJOBNO
OSTLEN
OSTMXSZ
OSTNAME
OSTOCL01
OSTOCL02
OSTOCL04
OSTOCL08
OSTOCNTL
OSTOEND
OSTOFLGS
OSTOSEFS
OSTOSIZE
OSTOSSAD
OSTOSTRT
OSTPRTY
OSTRESV
OSTRESV2
OSTSAPI
OSTSEEQ

Name

OSTSTART
OSTTBYTE
OSTTCP
OSTTIME
OSTTLINE
OSTTPAGE
OSTTREC
OSTVER
OSTWSI
OSTZ140
OSTZ150
OST6608
OST6608O

IATYOSUP Information

IATYOSUP Programming Interface information

Programming Interface information

IATYOSUP

End of Programming Interface information

IATYOSUP Heading Information

Common Name: FOOT PRINT INDEX FOR IATXOSUP
Macro ID: IATYOSUP
DSECT Name: None
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: N/A
Size: N/A
Created by: N/A
Pointed to by: N/A
Serialization: None
Function: PROVIDE EQUATES FOR THE FOOT PRINT CODE FOR DSP NUMBER SUPPORT.

IATYOSUP Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	X'1'	0	OSUP01	"1" CHECKS IF JOB IS IN A PHASE OF OUTPUT SERV WHERE IT CAN DUMPED
				Comment	
				FOOTPRINT OSUP10 IS SET IN IATIQOI	
				End of Comment	
0	(0)	X'A'	0	OSUP10	"10" BEFORE ISSUING A JESREAD
				Comment	
				FOOTPRINT OSUP20 IS SET IN IATMOOI	
				End of Comment	
0	(0)	X'14'	0	OSUP20	"20" BEFORE ISSUING A JESREAD
				Comment	
				Footprint OSUP30 OSUP31 is set in IATOSBM 06900SVC	
				End of Comment	
0	(0)	X'1E'	0	OSUP30	"30" Job selection routine checks06900SVC the OSE chain for BDT 06900SVC output during IATXOSBM PUT06900SVA processing 06900SVA
0	(0)	X'1F'	0	OSUP31	"31" IATXOSBM GET processing 06900SVA checks the OSE chain for 06900SVA TCP/NJE output 06900SVA
				Comment	
				FOOTPRINT OSUP40 OSUP41 IS SET IN IATOSDR	
				End of Comment	
0	(0)	X'28'	0	OSUP40	"40" SPIN OFF PROCESSING ROUTINE
0	(0)	X'29'	0	OSUP41	"41" NORMAL PROCESSING ROUTINE
				Comment	
				FOOTPRINT OSUP50 OSUP51 OSUP52 IS SET IN IATOSPC	
				End of Comment	
0	(0)	X'32'	0	OSUP50	"50" SYSOUT REQUEST PROCESSING
0	(0)	X'33'	0	OSUP51	"51" JOB REQUEST PROCESSING
0	(0)	X'34'	0	OSUP52	"52" JOB SCHEDULING ROUTING

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				FOOTPRINT OSUP60 OSUP61 IS SET IN IATOSSC	
				End of Comment	
0	(0)	X'3C'	0	OSUP60	"60" DELETE/RELEASE ROUTING
0	(0)	X'3D'	0	OSUP61	"61" OSE BDT/TCP processing
				Comment	
				FOOTPRINT OSUP70 OSUP71 OSUP72 OSUP73 OSUP74 IS SET IN IATOSWS	
				End of Comment	
0	(0)	X'46'	0	OSUP70	"70" GET OSE ROUTING
0	(0)	X'47'	0	OSUP71	"71" OSE SCHEDULE ROUTINE
0	(0)	X'48'	0	OSUP72	"72" DELETE/RELEASE OSE ROUTING
0	(0)	X'49'	0	OSUP73	"73" PUT OSE ROUTINE
0	(0)	X'4A'	0	OSUP74	"74" REMOVE RSQ FROM WRITER QUEUE
				Comment	
				FOOTPRINT OSUP80 IS SET IN IATPURG	
				End of Comment	
0	(0)	X'50'	0	OSUP80	"80" PURGE ANY EXISTING OSES
				Comment	
				FOOTPRINT OSUP90 IS SET IN IATUTCB	
				End of Comment	
0	(0)	X'5A'	0	OSUP90	"90" OSE PRINT ROUTNE
				Comment	
				FOOTPRINT OSUP100 IS SET IN IATNTRS 0	
				End of Comment	
0	(0)	X'64'	0	OSUP100	"100" Get TP's JMR using BDT/TCP OSE for dataset (SYSOUT)
				Comment	
				FOOTPRINT OSUP110 IS SET IN IATOSGR	
				End of Comment	
0	(0)	X'6E'	0	OSUP110	"110" DUMP THE OSE BUFFERS FOR A DM754 ABEND.
				Comment	
				Footprints OSUP120 through OSUP129 are for IATOSSO use. 07345SZC	
				End of Comment	
0	(0)	X'78'	0	OSUP120	"120" Specific job request
0	(0)	X'79'	0	OSUP121	"121" Generic SYSOUT request
0	(0)	X'7A'	0	OSUP122	"122" BULK MODIFY request
				Comment	
				Footprints OSUP130 through OSUP139 are for IATOSOR use. 07345SZC	
				End of Comment	

IATYOSUP Cross Reference

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	X'82'	0	OSUP130	"130" Netserv hold/release request
		Comment			
		Footprint OSUP140 is for IATGR70 use.			
		End of Comment			
0	(0)	X'8C'	0	OSUP140	"140" SSI 70 modify request
		Comment			
		Footprint OSUP150 is for IATMOSTT use.			
		End of Comment			
0	(0)	X'96'	0	OSUP150	"150" IATMOSTT modify request
		Comment			
		Footprints 151 through 1999 reserved for development			
		End of Comment			
0	(0)	X'97'	0	OSUP151	"151" Reserved for development
0	(0)	X'7CF'	0	OSUP1999	"1999" END OF RESERVED FOR DEVELOPMENT
		Comment			
		FOOTPRINTS 2000 THROUGH 2999 RESERVED FOR SERVICE			
		End of Comment			
0	(0)	X'7D0'	0	OSUP2000	"2000" RESERVED FOR SERVICE
0	(0)	X'BB7'	0	OSUP2999	"2999" END OF RESERVED FOR SERVICE
		Comment			
		FOOTPRINTS 3000 THROUGH 4095 RESERVED FOR USER			
		End of Comment			
0	(0)	X'BB8'	0	OSUP3000	"3000" RESERVED FOR USER
0	(0)	X'FFF'	0	OSUP4095	"4095" END OF RESERVED FOR USER

IATYOSUP Cross Reference

Name

OSUP01
OSUP10
OSUP100
OSUP110
OSUP120
OSUP121
OSUP122
OSUP130
OSUP140
OSUP150
OSUP151
OSUP1999
OSUP20
OSUP2000
OSUP2999
OSUP30
OSUP3000
OSUP31
OSUP40
OSUP4095

Name

OSUP41
OSUP50
OSUP51
OSUP52
OSUP60
OSUP61
OSUP70
OSUP71
OSUP72
OSUP73
OSUP74
OSUP80
OSUP90

IATYPAR Information

IATYPAR Heading Information

Common Name: CIPARM TABLE ENTRY
Macro ID: IATYPAR
DSECT Name: PARSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: PAR
Offset: 0
Length: 4
Storage Attributes: Main Storage: SUBPOOL 0
Auxiliary Storage: N/A
Size: 44 Bytes
Created by: IATINIF
Pointed to by: TIPARMS in the IATYTVT
PARMCHN in IATYPAR
Serialization: NONE
Function:

IATYPAR Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	PARSTART	CI PARAMETER TABLE
0	(0)	CHARACTER	4	PARMNAME	CONTROL BLOCK ID
4	(4)	SIGNED	4	PARMCHN	CHAIN TO NEXT CIPARM ENTRY
8	(8)	CHARACTER	2	PARMID	CIPARM IDENTIFIER
10	(A)	BITSTRING	0	PARMCI (0)	CONVERTER PARAMETER LIST
10	(A)	CHARACTER	1	PARMACPN	SWA ABOVE THE LINE INDICATOR/ ACCT. NO./PGMR NAME REQ.
11	(B)	CHARACTER	2	PARMPRTY	DEFAULT JOB PRIORITY
13	(D)	CHARACTER	1	PARMSTTM	MAX STEP EXECUTION TIME

Comment

NOTE: THE REGION SIZE IS STORED IN THE PARMRGSZ FIELD INSTEAD OF PARMJSRG IF THE REGION PARAMETER WAS SPECIFIED.

End of Comment

19	(13)	CHARACTER	3	PARMJSRG	JOB/STEP REGION SIZE DEF.
22	(16)	CHARACTER	1	PARMCMDS	COMMAND DISPOSITION
23	(17)	CHARACTER	1	PARMBLP	BLP PROCESSING
24	(18)	CHARACTER	4	PARMMCSA	MCS COMMAND AUTHORITY
28	(1C)	CHARACTER	1	PARMJMSL	JOB MSGLEVEL DEFAULT
29	(1D)	CHARACTER	1	PARMAMSL	ALLOCATION MSGLEVEL DEF.
30	(1E)	CHARACTER	1	PARMMSGC	MSGCLASS DEFAULT
31	(1F)	CHARACTER	1	PARMRGTP	REGION SIZE UNIT OF MEASURE (K OR M)
32	(20)	CHARACTER	4	PARMRGSZ	REGION SIZE
36	(24)	SIGNED	4	PARMRSVD	RESERVED FOR DEVELOPMENT
40	(28)	SIGNED	4	PARMRSVU	RESERVED FOR USER
44	(2C)	SIGNED	4	PARMEND (0)	END OF CIPARM ENTRY
44	(2C)	BITSTRING	1	PARMESIZ (0)	SIZE OF CIPARM ENTRY

IATYPAR Cross Reference

Name

PARMACPN
PARMAMSL
PARMBLP
PARMCHN
PARMCI
PARMCMDS
PARMEND
PARMESIZ
PARMID
PARMJMSL
PARMJSRG
PARMMCSA
PARMMSGC
PARMNAME
PARMPRTY
PARMRGSZ
PARMRGTP
PARMRSVD
PARMRSVU
PARMSTTM
PARSTART

IATYPCD Information

IATYPCD Programming Interface information

Programming Interface information

IATYPCD

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

- PCDLX
- PCDPCP1
- PCDPCP2
- PCDPCP3
- PCDSAVE
- PCDTOKN

End of Programming Interface information

IATYPCD Heading Information

Common Name: PROGRAM CALL DESCRIPTOR- PCD
Macro ID: IATYPCD
DSECT Name: PCD
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: PCD
Offset: 0
Length: 4
Storage Attributes: Main Storage: SUBPOOL 228
Auxiliary Storage: NONE
Size: See assembler listing
Created by: IATINXM
Pointed to by: SVTPCDP in SSVT
Serialization: NONE
Function: Contains Cross-Memory service information such as PC numbers for PC routines, address of ETD (Entry Table), LX from LXRES macro, TOKEN from ETCRE macro, standard save area, ASID and ASCB address of the creating address space. *05275SUC

IATYPCD Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	PCD	
0	(0)	SIGNED	4	PCDSTART (0)	START OF IATYPCD
0	(0)	SIGNED	4	PCDID	PCD ID
4	(4)	SIGNED	4	PCDATP	ADDR OF PCD DATA SECTION (PCDATA)
8	(8)	SIGNED	4	PCDXMECB	ECB for the address space 05275SUC
		1		PCDPURGE	"X'01'" Post code for PURGE function 05275SUA
12	(C)	SIGNED	4	PCDPCP1	PC number for non-XM PC routine 1 (IATSIAU)
16	(10)	SIGNED	4	PCDPCP2	PC number for non-XM PC 15606T6A routine 2 (IATDMEB) 15606T6A
20	(14)	SIGNED	4	PCDPCP3	PC number for XM services (IATDMXM)

Comment

PCD data section

End of Comment

24	(18)	SIGNED	4	PCDATA (0)	BEGINNING OF PCD DATA SECTION
24	(18)	SIGNED	4	PCDSAVE (18)	STANDARD SIZE SAVE AREA
96	(60)	CHARACTER	8	PCDAS (0)	AUXILIARY ADDRESS SPACE AREA
96	(60)	SIGNED	2	PCDASID1	Creating A/S ASID 05275SUC
98	(62)	SIGNED	2	PCDRSV3	RESERVED FOR FUTURE DEVELOPMENT
100	(64)	SIGNED	4	PCDASCB1	Creating A/S ASCB address 05275SUC
104	(68)	SIGNED	4	PCDRSVD	RESERVED FOR DEVELOPMENT
108	(6C)	SIGNED	4	PCDRSVS	RESERVED FOR SERVICE
112	(70)	SIGNED	4	PCDRSVU	RESERVED FOR USER
116	(74)	ADDRESS	4	PCDETDP	Address of the ETD
120	(78)	SIGNED	4	PCDTOKN	Token from ETCRE macro
124	(7C)	SIGNED	4	PCDLX	LX from the LXRES macro
128	(80)	SIGNED	4	PCDRSV5 (2)	Reserved for IBM
136	(88)	SIGNED	4	PCDEND (0)	END OF PCD
136	(88)	X'88'	0	PCDSIZE	"PCDEND-PCDSTART" PCD SIZE

IATYPCD Cross Reference

Name

PCD
PCDAS
PCDASCB1
PCDASID1
PCDATA
PCDATP
PCDEND
PCDETDP
PCDID
PCDLX
PCDPCP1
PCDPCP2
PCDPCP3
PCDPURGE
PCDRSVD
PCDRSVS
PCDRSVU
PCDRSV3
PCDRSV5
PCDSAVE
PCDSIZE
PCDSTART
PCDTOKN
PCDXMECB

IATYPDB Information

IATYPDB Programming Interface information

Programming Interface information

IATYPDB

End of Programming Interface information

IATYPDB Heading Information

Common Name: PROCLIB DATASET BLOCK
Macro ID: IATYPDB
DSECT Name: PDBDSENT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: JSAM Buffer Pool
Auxiliary Storage: JES3 Spool
Size: PDBHZIZ - 40 Bytes
PDBESIZ - 57 Bytes
Created by: IATISMN
Pointed to by: JCTUPDTE in IATYJCT
Serialization: NONE
Function: This data area maps the SRF buffers that contain the names of the dataset(s) to be used by a PROCLIB update job.

IATYPDB Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	PDBSTART	
0	(0)	BITSTRING	6	PDBTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	PDBCNT	USER COUNT.
8	(8)	CHARACTER	4	PDBID	FILE ID.
12	(C)	BITSTRING	12	PDBCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	PDBVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	PDBDATA (0)	START OF USER DATA AREA.
28	(1C)	SIGNED	2	PDBDSNCT	NUMBER OF DATASET NAME ENTRIES
30	(1E)	SIGNED	2	PDBHRVD1	RESERVED FOR DEVELOPMENT
32	(20)	SIGNED	4	PDBHRVU1	RESERVED FOR USER
36	(24)	SIGNED	4	PDBHRVS1	RESERVED FOR SERVICE
40	(28)	BITSTRING	1	PDBHEND (0)	END OF HEADER
40	(28)	X'28'	0	PDBHSIZ	"(PDBHEND-PDBSTART)" SIZE OF HEADER

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	PDBDSENT	
0	(0)	CHARACTER	44	PDBDSNAM	DATASET NAME
44	(2C)	SIGNED	4	PDBRSVD2	RESERVED FOR DEVELOPMENT
48	(30)	SIGNED	4	PDBRSVS2	RESERVED FOR SERVICE
52	(34)	BITSTRING	5	PDBRSVU2	RESERVED FOR USER
57	(39)	BITSTRING	1	PDBEEND (0)	END OF DATA SET ENTRY
57	(39)	X'39'	0	PDBESIZ	"(PDBEEND-PDBDSENT)" SIZE OF DATA SET ENTRY

IATYPDB Cross Reference

Name

PDBCHN
PDBCNT
PDBDATA
PDBDSENT
PDBDSNAM
PDBDSNCT
PDBEEND
PDBESIZ
PDBHEND
PDBHRVD1

Name

PDBHRVS1
PDBHRVU1
PDBHSIZ
PDBID
PDBRSVD2
PDBRSVS2
PDBRSVU2
PDBSTART
PDBTRK
PDBVLID

IATYPDQ Information

IATYPDQ Heading Information

Common Name: PENDING DATASET QUEUE ENTRY
Macro ID: IATYPDQ
DSECT Name: PDQSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: PDQ
Offset: 0
Length: 4
Storage Attributes: Main Storage: SUBPOOL 0
Subpool: 0
Key: 1
Residency: Any
Size: 196 Bytes
Created by: IATOSFP THE PENDING DATASET QUEUE MANAGER
Pointed to by: WTRFPDQF points to first PDQ on chain,
WTRFPDQL points to last PDQ on chain,
WTRFPDQC points to the PDQ at the channel,
WTRFPDQS points to the 'SYNCHED TO' entry,
PDQNEXT is the forward chain pointer,
PDQPREV is the backward chain pointer.
Serialization: NONE
Function: The pending dataset queue (PDQ) contains entries for all datasets that have been sent to an FSS for printing, but have not yet completely printed.

IATYPDQ Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	PDQSTART	
0	(0)	CHARACTER	4	PDQID	ID OF CONTROL BLOCK
4	(4)	ADDRESS	4	PDQPREV	PREV ENTRY ADDR FOR PRINTER
8	(8)	ADDRESS	4	PDQNEXT	ADDR OF NEXT(NEWER) ENTRY
12	(C)	ADDRESS	4	PDQFDBPQ	ADDRESS OF OSE START ENTRY
16	(10)	ADDRESS	4	PDQJSPDQ	ADDRESS OF JOB START ENTRY
20	(14)	ADDRESS	4	PDQJRSQ	RESQUEUE ADDR FOR JOB
24	(18)	ADDRESS	4	PDQJNEWS	JESNEWS BLOCK ADDRESS
28	(1C)	SIGNED	4	PDQRSVD1	RESERVED FOR DEVELOPMENT
32	(20)	CHARACTER	24	PDQDDNAM	DDNAME (JDSPROCN, JDSSTEPN, JDSDDNAM FROM WTRDDSN)
56	(38)	BITSTRING	3	PDQRSVSD	RESERVED FOR DEVELOPMENT
59	(3B)	BITSTRING	1	PDQDSNML	LNGTH OF DSNAME IN PDQDSNAM
60	(3C)	CHARACTER	44	PDQDSNAM	DSNAME OF SPOOLED DATA SET
104	(68)	BITSTRING	12	PDQDSID (0)	DATA SET ID OF THIS PDQ
104	(68)	BITSTRING	8	PDQDSSEQ	DATA SET SEQUENCE ID
112	(70)	BITSTRING	4	PDQDSSF	DATA SET ID SUFFIX

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				PDQGOGT IS DEFINED AS A TOKEN THAT IS USED TO SIGNIFY TO THE FSA DATA SETS COMPRISING AN 'OUTPUT GROUP'...THAT IS TO SAY, THOSE DATA SETS THAT ARE WITHIN A JOB HEADER AND TRAILER, REGARDLESS OF WHETHER HEADERS AND/OR TRAILERS ARE BEING PRINTED BY THE FSA. EVEN THOUGH TO THE FSA THE FIELD IS A 16 HEX BYTE TOKEN WITHOUT MEANINGFUL FIELDS, JES3 DEFINES IT TO BE AN 8 BYTE JOBID FOLLOWED BY AN 8 BYTE TIME-OF-DAY VALUE RETURNED BY A STCK INSTRUCTION, FOLLOWED BY A 4 BYTE HEX 0 RESERVED FIELD. THIS GUARENTEES UNIQUENESS FOR THE GROUP. PDQGOGT IS ONLY SET WITHIN A JOB START (PDQJBEG) PDQ AND IS USED IN THE GETDS RETURN FOR ALL DATA SETS BELONGING TO THAT JOB START PDQ.			
				End of Comment	
116	(74)	BITSTRING	20	PDQGOGT (0)	GETDS OUTPUT GROUP TOKEN
116	(74)	CHARACTER	8	PDQGOGTI	JOBID
124	(7C)	BITSTRING	8	PDQGOGTT	TIME OF DAY
132	(84)	BITSTRING	4	PDQGOGRS	RESERVED (HEX 00S)
136	(88)	BITSTRING	12	PDQFDB	WOSE FDB
148	(94)	SIGNED	2	PDQCUREN	OFFSET IN WOSE TO DS ENTRY
150	(96)	SIGNED	2	PDQRSVD5	Reserved for IBM
152	(98)	SIGNED	4	PDQOSES4	SPOOL OSE record sequence #
156	(9C)	SIGNED	2	PDQOFST	OFFSET IN SPOOL BLK TO OSE ENTRY
158	(9E)	SIGNED	2	PDQRSVD2	RESERVED FOR DEVELOPMENT
160	(A0)	SIGNED	4	PDQJMR	MVS JMR COPY ADDRESS
164	(A4)	SIGNED	4	PDQJRCNT	RECORDS SCHEDULED TO JOB
168	(A8)	SIGNED	4	PDQJPCNT	PAGES SCHEDULED TO JOB
172	(AC)	SIGNED	4	PDQRSVD3	RESERVED FOR DEVELOPMENT
176	(B0)	SIGNED	4	PDQRSVS1	RESERVED FOR SERVICE
180	(B4)	BITSTRING	1	PDQFLG1	FLAGS
				Comment	
				DEFINITION OF PDQFLG1	
				End of Comment	
		1...		PDQJBEG	"X'80'" FIRST PDQ ENTRY FOR JOB
		.1..		PDQOBEG	"X'40'" FIRST PDQ ENTRY FOR OSE
		..1.		PDQJEND	"X'20'" LAST PDQ ENTRY FOR JOB
		...1		PDQOEND	"X'10'" LAST PDQ ENTRY FOR OSE
		.... 1...		PDQDONE	"X'08'" THIS DATASET REACHED STACKER
		.... .1..		PDQJLOG	"X'04'" THIS JOB LOGGED ON DEVICE
		.... ..1.		PDQRSTD	"X'02'" THIS PDQ WAS REBUILT AFTER A HOTSTART
		1		PDQPRIME	"X'01'" DATA SET IS PRIMED IN PDQ
181	(B5)	BITSTRING	1	PDQFLG2	OVERRIDING DISPOSITION FLAGS
				Comment	
				DEFINITION OF PDQFLG2 THIS FLAG IS CHECKPOINTED IN THE WOSE IN OSEDPDQC.	
				End of Comment	
		1...		PDQCAN	"X'80'" DATA SET/JOB/GROUP CANCELLED
		.1..		PDQRSCD	"X'40'" DATA SET/JOB/GROUP RESCHED- ULED

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		..1.		PDQG	"X'20'" GROUP CANCEL/RESCHEDULE
		...1		PDQJ	"X'10'" JOB CANCEL/RESCHEDULE
		.... 1...		PDQJNASC	"X'08'" JESNEWS ASSOCIATED WITH THIS DATA SET
		.... .1..		PDQHOLD	"X'04'" DATASET TO BE HELD
		.... ..1.		PDQHRCD	"X'02'" HONOR INCOMPLETE RELDS CHKPT DISPOSITION
		1		PDQJTRL	"X'01'" THIS D.S. HAS JOB TRAILER
182	(B6)	BITSTRING	1	PDQFLG3	RESERVED FOR SERVICE
		Comment			

		DEFINITION OF PDQFLG3			
		THIS FLAG IS CHECKPOINTED IN THE WOSE IN OSEDPDQC.			

		End of Comment			
		1...		PDQHCOPY	"X'80'" The job output has been put to paper
183	(B7)	BITSTRING	1	PDQFLG4	FLAG 4
		Comment			

		DEFINITION OF PDQFLG4			

		End of Comment			
		1...		PDQBYRT	"X'80'" BYPASS WRITER DATA CSECT RESTORE FOR THIS PDQ
		.1..		PDQRDSI	"X'40'" AT LEAST ONE UNSOLICITED INCOMPLETE RELDS RECVD. (SET IN JOB START PDQ)
		..1.		PDQJSEP	"X'20'" JOB SEPARATOR FLAG; ON - JOB HEADER/NO TRAILR OFF - HEADER/TRAILER BALANCED OUT
		...1		PDQICAN	"X'10'" INTERNAL CANCEL RECEIVED FOR THIS WOSE - SET IN THE OSE START PDQ
		.... 1...		PDQDSTRL	"X'08'" DUMMY JOB TRAILER ASSOC. WITH THIS PDQDSID
		.... .1..		PDQPRTD	"X'04'" All output for the job was printed. This flag is set only in the job start PDQ.
		.... ..1.		PDQINCMP	"X'02'" A get/release type PDQJBSNT was requested indicating the job was interrupted. This flag is set only in the job start PDQ.
		1		PDQCLUP	"X'01'" This PDQ being cleaned up by PDQDEL
184	(B8)	BITSTRING	1	PDQFLG5	PDQ FLAG
		Comment			

		DEFINITION OF PDQFLG5			

		End of Comment			
		1...		PDQCLRJB	"X'80'" PDQCLEAR has called JOBSNT (only set in job strt PDQ)
		.1..		PDQDSINC	"X'40'" A Dataset in this OSE was RELDSed incomplete (only set in OSE start PDQ)
		..1.		PDQFRS20	"X'20'" Reserved for future use
		...1		PDQFRS10	"X'10'" Reserved for future use
		.... 1...		PDQFRS08	"X'08'" Reserved for future use
		.... .1..		PDQFRS04	"X'04'" Reserved for future use
		.... ..1.		PDQFRS02	"X'02'" Reserved for future use
		1		PDQFRS01	"X'01'" Reserved for future use
185	(B9)	BITSTRING	3	PDQRSVD4	Reserved
188	(BC)	SIGNED	4	PDQRSVS2 (2)	RESERVED FOR SERVICE
196	(C4)	SIGNED	4	PDQRSVU1	RESERVED FOR USER

IATYPDQ Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
200	(C8)	SIGNED	4	PDQEND (0)	END OF PDQ ENTRY ON X'20' BOUNDARY
200	(C8)	X'C8'	0	PDQLEN	"PDQEND-PDQSTART" LENGTH OF PDQ ENTRY

Comment

EQUATES DEFINING FUNCTIONS FOR THE IATXPDQ CALLS

EXTERNAL CALL EQUATES

End of Comment

....	PDQJBSEL	"X'00',4" JOB SELECT
.... .1..	PDQOSSEL	"X'04',4" OSE SELECT
.... 1...	PDQDSSEL	"X'08',4" DATASET SELECT
.... 11..	PDQDSEND	"X'0C',4" DATASET END
...1	PDQJBLOG	"X'10',4" JOB LOG
...1 .1..	PDQJBSNT	"X'14',4" JOB SENT
...1 1...	PDQDSUPD	"X'18',4" UPDATE DATASET ENTRY IN THE WORK OSE
...1 11..	PDQWOSUP	"X'1C',4" UPDATE ALL DATASET ENTRIES IN THE WORK OSE
..1.	PDQSYNCH	"X'20',4" SYNCH
..1. .1..	PDQDSDSP	"X'24',4" DATASET DISPOSITION
..1. 1...	PDQJBDSP	"X'28',4" JOB DISPOSITION
..1. 11..	PDQCLEAR	"X'2C',4" CLEAR THE PIPELINE
..11	PDQWOSRD	"X'30',4" READ WOSE
..11 .1..	PDQWOSWR	"X'34',4" WRITE WOSE
..11 1...	PDQINQ	"X'38',4" INQUIRY
..11 11..	PDQRECR	"X'3C',4" RECREATE THE PIPELINE
.1..	PDQWOSCN	"X'40',4" CANCEL THE WOSE PROCESSING

Comment

INTERNAL CALL EQUATES

End of Comment

.1.. 1...	PDQGET	"X'48',4" GET A PDQ ENTRY
.1.. 11..	PDQGETST	"X'4C',4" GET STORAGE FOR A PDQ ENTRY
.1.1	PDQDEL	"X'50',4" DELETE A PDQ ENTRY
.1.1 .1..	PDQDEQ	"X'54',4" DEQUEUE A PDQ ENTRY
.1.1 1...	PDQLOC	"X'58',4" LOCATE A PDQ
.1.1 11..	PDQWSPIN	"X'5C',4" INITIALIZE THE WSP
.11.	PDQREST	"X'60',4" RESTORE THE WRITER CSECT
.11. .1..	PDQSUPCK	"X'64',4" SETUP CHECK AND SET
.11. 1...	PDQDSPRG	"X'68',4" DSISO DATA SET PURGE ROUTINE
.11. 11..	PDQERR	"X'6C',4" ERROR ROUTINE

IATYPDQ Cross Reference

Name

PDQBYRT
PDQCAN
PDQCLEAR
PDQCLRJB
PDQCLUP
PDQCUREN
PDQDDNAM
PDQDEL
PDQDEQ
PDQDONE
PDQDSDSP
PDQDSEND
PDQDSID
PDQDSINC
PDQDSNAM
PDQDSNML
PDQDSPRG
PDQDSSEL
PDQDSSEQ
PDQDSSF
PDQDSTRL
PDQDSUPD
PDQEND
PDQERR
PDQFDB
PDQFDBPQ
PDQFLG1
PDQFLG2
PDQFLG3
PDQFLG4
PDQFLG5
PDQFRS01
PDQFRS02
PDQFRS04
PDQFRS08
PDQFRS10
PDQFRS20
PDQG
PDQGET
PDQGETST
PDQGOGRS
PDQGOGT
PDQGOGTI
PDQGOGTT
PDQHCOPY
PDQHOLD
PDQHRCD
PDQICAN
PDQID
PDQINCMP
PDQINQ
PDQJ
PDQJBDSP
PDQJBEG
PDQJBLOG

Name

PDQJBSEL
PDQJBSNT
PDQJEND
PDQJLOG
PDQJMR
PDQJNASC
PDQJNEWS
PDQJPCNT
PDQJRCNT
PDQJRSQ
PDQJSEP
PDQJSPDQ
PDQJTRL
PDQLEN
PDQLOC
PDQNEXT
PDQOBEG
PDQOEND
PDQOFST
PDQOSES4
PDQOSSEL
PDQPREV
PDQPRIME
PDQPRTD
PDQRDSI
PDQRECR
PDQREST
PDQRSCD
PDQRSTD
PDQRSVD1
PDQRSVD2
PDQRSVD3
PDQRSVD4
PDQRSVD5
PDQRSVSD
PDQRSVS1
PDQRSVS2
PDQRSVU1
PDQSTART
PDQSUPCK
PDQSYNCH
PDQWOSCN
PDQWOSRD
PDQWOSUP
PDQWOSWR
PDQWSPIN

IATYPRO Information

IATYPRO Heading Information

Common Name: PROCEDURE LIBRARY TABLE
Macro ID: IATYPRO
DSECT Name: PROCDSEN
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: JES3/FSS Private Area (Below 16M)
Auxiliary Storage: N/A
Size: PROCLIB heaer - 144 Bytes
PROCLIB dataset name entry - 52 Bytes
Created by: IATINIP for JES3 address space
IATIIFP for FSS address space
Pointed to by: TPROCCHN in IATYTVT
PROCCHN in IATYPRO
ICTPRCAD in IATYICT
Serialization: NONE
Function: This control block maps the procedure library table. In addition to a header, it contains an entry for every data set within the concatenation.

IATYPRO Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	IATYPRO	
0	(0)	SIGNED	4	PROCSTRT (0)	
0	(0)	ADDRESS	4	PROCCHN	ADDRESS OF THE NEXT PROCLIB
4	(4)	CHARACTER	4	PROCNAM	NAME OF TABLE
8	(8)	ADDRESS	4	PROCEDCH	ENABLE - DISABLE CHAIN
12	(C)	CHARACTER	8	PROCNAME	PROCEDURE LIBRARY NAME
12	(C)	X'12'	0	PROCUNIQ	"PROCNAME+6,2" UNIQUE PART OF NAME
20	(14)	SIGNED	4	PROCRSVD	RESERVED FOR DEVELOPMENT 0046
24	(18)	SIGNED	2	PROCUUSE	UPDATE USE COUNT - NO. OF DATASETS BEING UPDATED
26	(1A)	SIGNED	2	PROCSEQN	PROCLIB SEQUENCE NUMBER
28	(1C)	SIGNED	4	PROCCUSE	CURRENT CI USE COUNT - NO. OF JOBS IN CI USING PROCLIB
32	(20)	SIGNED	2	PROCDSCT	NUMBER OF DATASET NAME ENTRIES
34	(22)	SIGNED	2	PROCEDCT	FSS ENABLE-DISABLE PENDING COUNT. THIS IS THE NUMBER OF FSS'S THAT MUST ENABLE OR DISABLE THIS PROCLIB BEFORE THE WAITING DSP IS POSTED.
36	(24)	BITSTRING	1	PROCFLG1	FLAG1 3

Comment

DEFINITION OF PROCFLG1

End of Comment

	1...	PROCUHLD	"X'80'" UPDATE JOB HOLD ON THIS PROC
	.1..	PROCUNAL	"X'40'" PROCLIB IS UNALLOCATED
	..1.	PROCFSSD	"X'20'" PROCLIB DISABLED BY ALL CI FSS'S. USED BY DISABLE DSP
	...1	PROCFSSE	"X'10'" PROCLIB ENABLED BY ALL CI FSS'S. USED BY ENABLE DSP
	.... 1...	PROCDSBL	"X'08'" PROC DISABLED DUE TO ERROR
	.... .1..	PROCENBP	"X'04'" ENABLE REQUEST IS PENDING FOR THIS PROCLIB

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... ..1.		PROCDSBP	"X'02'" DISABLE REQUEST IS PENDING FOR THIS PROCLIB
		1		PROCABRT	"X'01'" ABORT THE DISABLE/ENABLE FOR THIS PROCLIB. SET BY CIDRVR IF AN ABEND OCCURS.
37	(25)	BITSTRING	2	PROCMBSI	MAXIMUM BLOCK SIZE
		Comment			
		THIS LINE DELETED BY APAR OY30770			
		End of Comment			
39	(27)	BITSTRING	1	PROCFLRU	RESERVED FOR USER
		Comment			

		PROCLIB DCB (ALIGNED ON FULLWORD)			

		PROCDCB DCB DSORG=PO,DEVD=DA,DDNAME=IATPLBXX,MACRF=(R)			
		DATA CONTROL BLOCK			
		End of Comment			
40	(28)	SIGNED	4	PROCDCB (0)	ORIGIN ON WORD BOUNDARY DIRECT ACCESS DEVICE INTERFACE
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	PROCDCBL	"*-PROCDCB" LENGTH OF PROCLIB DCB
128	(80)	SIGNED	4	PROCMSID	MESSAGE ID TO DEQUEUE
132	(84)	SIGNED	4	PROCHRVD	RESERVED FOR DEVELOPMENT
136	(88)	SIGNED	4	PROCHRVS	RESERVED FOR SERVICE
140	(8C)	SIGNED	4	PROCHRVU	RESERVED FOR USER
144	(90)	SIGNED	4	PROCHEND (0)	END OF PROCLIB HEADER ENTRY
144	(90)	BITSTRING	1	PROCHSIZ (0)	SIZE OF PROCLIB HEADER

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	PROCDSEN	
0	(0)	CHARACTER	44	PROCDSN	PROCLIB DATASET NAME
44	(2C)	SIGNED	4	PROCUPJN	UPDATE JOB NUMBER
48	(30)	BITSTRING	2	PROCDRS1	RESERVED FOR DEVELOPMENT
50	(32)	BITSTRING	2	PROCDRS2	RESERVED FOR SERVICE
52	(34)	BITSTRING	1	PROCDEND (0)	END OF PROCLIB DATASET ENTRY
52	(34)	BITSTRING	1	PROCDSIZ (0)	SIZE OF DATASET ENTRY

IATYPRO Cross Reference

Name

IATYPRO
PROCABRT
PROCCHN
PROCCUSE
PROCDCB
PROCDCBL
PROCDEND
PROCDRS1
PROCDRS2
PROCDSBL
PROCDSBP
PROCDSCT
PROCDSEN
PROCDSIZ
PROCDSN
PROCEDCH
PROCEDCT
PROCENBP
PROCFLG1
PROCFLRU
PROCFSSD
PROCFSSE
PROCHEND
PROCHRVD
PROCHRVS
PROCHRVU
PROCHSIZ
PROCMBSI
PROCMSID
PROCNAM
PROCNAME
PROCRSVD
PROCSEQN
PROCSTRT
PROCUHLD
PROCUNAL
PROCUNIQ
PROCUPJN
PROCUUSE

IATYRAB Information

IATYRAB Programming Interface information

Programming Interface information

IATYRAB

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

- RABGMAIN

End of Programming Interface information

IATYRAB Heading Information

Common Name: USAM RECORD ALLOCATION BLOCK (RAB)
Macro ID: IATYRAB
DSECT Name: RABSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: RAB
Offset: RABID
Length: 4
Storage Attributes: Main Storage: SUBPOOL 0, 241
Size: 40 Bytes
Created by: IATIICC
IATSIADD OF IATSIAD
Pointed to by: DSSRAB OF IATYDSS
IDDRAB OF IATYIDD
RQCIRAB OF IATYRSQ
EXPANDED IN:
IATYJIB (JIBRAB)
IATYJSQ (JSQRAB)
IATYMEM (MEMRAB)
Serialization: Local Lock
Function: Allocate records within a track group

IATYRAB Map

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

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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.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	RABGMAIN	SAVE AREA FOR GETMAINED STORE
		1...		RABRRERE	"X'80'" HIGH ORDER BIT OF RABGMAIN 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

IATYRAB Cross Reference

Name

RABACTGP
RABALLGP
RABCLOSE
RABDABND
RABDJBTR

RABDSTRY
RABEND
RABFLAG1
RABGMAIN
RABID

RABNAV
RABPOSTQ
RABPPOST
RABRECCT
RABRERAP

RABRRECB
RABRRERE
RABRSVD1
RABSIZE
RABSPADR

RABSPMOD
RABSPNDX
RABSPREC
RABSTART
RABTATAD

IATYRAB Cross Reference

Name
RABTGEND
RABTGRPS
RABTGSIZ
RABTKGRP
RABTRKG1
RABTRKG2
RABVALID

IATYRCE Information

IATYRCE Heading Information

Common Name: RQ CHAINED SINGLE RECORD FILE EXTENSION
Macro ID: IATYRCE
DSECT Name: RCESTART, RCEENTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: RCE
Offset: 0
Length: 4
Storage Attributes: Main Storage: JESPOOL
Auxiliary Storage: N/A
Size: HEADER RCESIZE - 20
ENTRY RCESRSIZ - 44
Created by: IATDMCS
Pointed to by: JQERCEAD (IN IATYJQE)
RQRCEAD (IN IATYRSQ)
Serialization: NONE
Function: THE RQ CHAINED SRF EXTENSION (RCE) IS BUILT BY MODULE IATDMCS AND IS CHAINED FROM A JOB'S RQ WHEN ONE OR MORE OF THE JOB'S CHAINED SINGLE RECORD FILES CONTAINS A SPECIFIED NUMBER OF BUFFERS.

EACH BUFFER HAS ITS OWN THRESHOLD WHICH IS SPECIFIED IN THE TVT.

THE RCE CONSISTS OF A HEADER SECTION AND ROOM FOR UP TO 4 CHAINED SINGLE RECORD FILE *0568 ENTRIES. EACH ENTRY CONTAINS:

- THE 3 OR 4 CHARACTER SINGLE RECORD FILE IDENTIFIER (SRF ID) WHICH IDENTIFIES THE SPECIFIC CONTROL BLOCK THAT THE SRF ENTRY REPRESENTS;

- THE ADDRESS OF THE SRF'S CHAINED SRF BUFFER TABLE (CSBT);

- LAST BUFFER NUMBER FOR THE SRF;

- A LIST OF SRF NOTE ELEMENTS (IF NOTE ELEMENTS EXIST FOR THE SRF);

- A 4-BYTE AREA TO BE USED FOR INFORMATION SPECIFIC TO THE SRF, IF NECESSARY.

IATYRCE Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	RCESTART	
0	(0)	CHARACTER	4	RCEID	DATA AREA IDENTIFIER
4	(4)	ADDRESS	4	RCERQAD	ADDRESS OF THE JOB'S RQ

IATYRCE Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				NOTE: WHEN DEFINING NEW RCE ENTRIES YOU MUST DEFINE A NEW ID EQUATE BELOW. THE FORMAT SHOULD BE RCEXXXX, WHERE XXXX IS THE SPOOL CONTROL BLOCK'S ID. RCECOUNT MUST BE INCREMENTED TO REFLECT THE NUMBER OF DEFINED RCE ENTRY TYPES. CHANGES ARE ALSO REQUIRED TO THE IATXCSS CREATE ROUTINE IN IATDMCS. SEE THE 'SPECIAL NOTE FOR IATYRCE CHANGES' IN IATDMCS. THE FOLLOWING EQUATES ARE USED TO CALCULATE THE RCE ADDRESS GIVEN THE RCEID. IATXCSS WILL USE ONE OF THESE EQUATES TO CALCULATE THE RCE ENTRY ADDRESS WHEN THE ID IS SPECIFIED AS A NAME.			
				End of Comment	
4	(4)	X'4'	0	RCECOUNT	"4" NUMBER OF RCE ENTRIES 0568
4	(4)	X'14'	0	RCEJDS	"0*RCESRSIZ+RCEHSIZE" JDS RCE ENTRY NUMBER
4	(4)	X'30'	0	RCEDJST	"1*RCESRSIZ+RCEHSIZE" DJST RCE ENTRY NUMBER
4	(4)	X'4C'	0	RCEOSE	"2*RCESRSIZ+RCEHSIZE" OSE RCE ENTRY NUMBER
4	(4)	X'68'	0	RCEJST	"3*RCESRSIZ+RCEHSIZE" JST RCE ENTRY NUMBER
8	(8)	BITSTRING	1	RCEHFLG1	RCE HEADER FLAG1
				Comment	
				DEFINITION OF RCEHFLG1	
				End of Comment	
		1...		RCEGETM	"X'80'" RCE WAS AGETMAINED
		.1..		RCEJDSD	"X'40'" JDS RCE/CSBT DISABLED
		..1.		RCEDJSTD	"X'20'" DJST RCE/CSBT DISABLED
		...1		RCEOSED	"X'10'" OSE RCE/CSBT DISABLED
		.... 1...		RCEJSTD	"X'08'" JST RCE/CSBT DISABLED
9	(9)	BITSTRING	1	RCERSVDD (3)	RESERVED FOR DEVELOPMENT
12	(C)	SIGNED	4	RCERSVDS	RESERVED FOR SERVICE
16	(10)	SIGNED	4	RCERSVDU	RESERVED FOR USER
16	(10)	X'14'	0	RCEHEND	"*" END OF RCE HEADER
16	(10)	X'14'	0	RCEHSIZE	"RCEHEND-RCESTART" SIZE OF RCE HEADER SECTION
				Comment	
				RQ CHAINED SRF EXTENSION SINGLE RECORD FILE ENTRIES	
				End of Comment	
20	(14)	BITSTRING	0	RCESRFS (0)	RCE CHAINED SRF ENTRY AREA
20	(14)	X'84'	0	RCEEND	"*" END OF RCE DATA AREA
20	(14)	X'84'	0	RCESIZE	"RCEEND-RCESTART" SIZE OF RCE
132	(84)	SIGNED	2	RCEFREND (0)	END RCE HDR FROZEN SECTION

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

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

		CHAINED SINGLE RECORD FILE ENTRY			
		WARNING			
		THE OFFSETS BETWEEN RCEENTRY AND RCEEFEND MUST NOT			
		BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON			
		SOME JES3 MODULES.			

		End of Comment			
0	(0)	CHARACTER	4	RCEDMID	SRF SPOOL RECORD IDENTIFIER
4	(4)	ADDRESS	4	RCECSBTA	CHAINED SRF CSBT ADDRESS
8	(8)	SIGNED	4	RCERSVU2	RESERVED FOR DEVELOPMENT
12	(C)	SIGNED	2	RCEEFEND (0)	END OF RCE ENTRY FROZEN SECTION
		Comment			

		WARNING			
		THE OFFSETS BETWEEN RCEENTRY AND RCEEFEND MUST NOT			
		BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON			
		SOME JES3 MODULES.			

		End of Comment			
12	(C)	ADDRESS	4	RCELAST	LAST BUFFER IN THE SRF
16	(10)	SIGNED	4	RCESRSVD	RESERVED FOR DEVELOPMENT
20	(14)	SIGNED	4	RCESRSVS	RESERVED FOR SERVICE
24	(18)	SIGNED	4	RCESRSVU	RESERVED FOR USER
24	(18)	X'1C'	0	RCESREND	"*" END OF THE SRF ENTRY
24	(18)	X'1C'	0	RCESRSIZ	"RCESREND-RCEENTRY" SIZE OF ONE SRF ENTRY

IATYRCE Cross Reference

Name

RCECOUNT
RCECSBTA
RCEDJST
RCEDJSTD
RCEDMID

RCEEFEND
RCEEND
RCEENTRY
RCEFREND
RCEGETM

RCEHEND
RCEHFLG1
RCEHSIZE
RCEID
RCEJDS

RCEJDSD
RCEJST
RCEJSTD
RCELAST
RCEOSE

RCEOSED
RCERQAD
RCERSVDD
RCERSVDS
RCERSVDU

Name
RCERSVU2
RCESIZE
RCESREND
RCESRFS
RCESRSIZ
RCESRSVD
RCESRSVS
RCESRSVU
RCESTART

IATYRCM Information

IATYRCM Programming Interface information

Programming Interface information

IATYRCM

End of Programming Interface information

IATYRCM Heading Information

Common Name: JES3 Routing Code Mask
Macro ID: IATYRCM
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: Maps the 17 byte routing code mask.

IATYRCM Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	RCMSTART	
0	(0)	BITSTRING	1	RCMBYT1	Routing Codes 1 - 8
		1...		RCMRC1	"X'80'"
		.1..		RCMRC2	"X'40'"
		..1.		RCMRC3	"X'20'"
		...1		RCMRC4	"X'10'"
		.... 1...		RCMRC5	"X'08'"
		.... .1..		RCMRC6	"X'04'"
		.... ..1.		RCMRC7	"X'02'"
		1		RCMRC8	"X'01'"

Comment

Routing code byte 2.

End of Comment

1	(1)	BITSTRING	1	RCMBYT2	Routing Codes 9 - 16
		1...		RCMRC9	"X'80'"
		.1..		RCMRC10	"X'40'"
		..1.		RCMRC11	"X'20'"
		...1		RCMRC12	"X'10'"
		.... 1...		RCMRC13	"X'08'"
		.... .1..		RCMRC14	"X'04'"
		.... ..1.		RCMRC15	"X'02'"
		1		RCMRC16	"X'01'"

Comment

Routing code byte 3.

End of Comment

2	(2)	BITSTRING	1	RCMBYT3	Routing Codes 17 - 24
		1...		RCMRC17	"X'80'"
		.1..		RCMRC18	"X'40'"
		..1.		RCMRC19	"X'20'"
		...1		RCMRC20	"X'10'"
		.... 1...		RCMRC21	"X'08'"
		.... .1..		RCMRC22	"X'04'"
		.... ..1.		RCMRC23	"X'02'"
		1		RCMRC24	"X'01'"

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

		Routing code byte 4.			

		End of Comment			
3	(3)	BITSTRING	1	RCMBYT4	Routing Codes 25 - 32
		1...		RCMRC25	"X'80'"
		.1..		RCMRC26	"X'40'"
		..1.		RCMRC27	"X'20'"
		...1		RCMRC28	"X'10'"
		.... 1...		RCMRC29	"X'08'"
		.... .1..		RCMRC30	"X'04'"
		.... ..1.		RCMRC31	"X'02'"
		1		RCMRC32	"X'01'"
		Comment			

		Routing code byte 5.			

		End of Comment			
4	(4)	BITSTRING	1	RCMBYT5	Routing Codes 33 - 40
		1...		RCMRC33	"X'80'"
		.1..		RCMRC34	"X'40'"
		..1.		RCMRC35	"X'20'"
		...1		RCMRC36	"X'10'"
		.... 1...		RCMRC37	"X'08'"
		.... .1..		RCMRC38	"X'04'"
		.... ..1.		RCMRC39	"X'02'"
		1		RCMRC40	"X'01'"
		Comment			

		Routing code byte 6.			

		End of Comment			
5	(5)	BITSTRING	1	RCMBYT6	Routing Codes 41 - 48
		1...		RCMRC41	"X'80'"
		.1..		RCMRC42	"X'40'"
		..1.		RCMRC43	"X'20'"
		...1		RCMRC44	"X'10'"
		.... 1...		RCMRC45	"X'08'"
		.... .1..		RCMRC46	"X'04'"
		.... ..1.		RCMRC47	"X'02'"
		1		RCMRC48	"X'01'"
		Comment			

		Routing code byte 7.			

		End of Comment			
6	(6)	BITSTRING	1	RCMBYT7	Routing Codes 49 - 56
		1...		RCMRC49	"X'80'"
		.1..		RCMRC50	"X'40'"
		..1.		RCMRC51	"X'20'"
		...1		RCMRC52	"X'10'"
		.... 1...		RCMRC53	"X'08'"

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... .1..		RCMRC54	"X'04'"
		.... ..1.		RCMRC55	"X'02'"
		1		RCMRC56	"X'01'"
		Comment			
		Routing code byte 8.			
		End of Comment			
7	(7)	BITSTRING	1	RCMBYT8	Routing Codes 57 - 64
		1...		RCMRC57	"X'80'"
		.1..		RCMRC58	"X'40'"
		..1.		RCMRC59	"X'20'"
		...1		RCMRC60	"X'10'"
		.... 1...		RCMRC61	"X'08'"
		.... .1..		RCMRC62	"X'04'"
		.... ..1.		RCMRC63	"X'02'"
		1		RCMRC64	"X'01'"
		Comment			
		Routing code byte 9.			
		End of Comment			
8	(8)	BITSTRING	1	RCMBYT9	Routing Codes 65 - 72
		1...		RCMRC65	"X'80'"
		.1..		RCMRC66	"X'40'"
		..1.		RCMRC67	"X'20'"
		...1		RCMRC68	"X'10'"
		.... 1...		RCMRC69	"X'08'"
		.... .1..		RCMRC70	"X'04'"
		.... ..1.		RCMRC71	"X'02'"
		1		RCMRC72	"X'01'"
		Comment			
		Routing code byte 10.			
		End of Comment			
9	(9)	BITSTRING	1	RCMBYT10	Routing Codes 73 - 80
		1...		RCMRC73	"X'80'"
		.1..		RCMRC74	"X'40'"
		..1.		RCMRC75	"X'20'"
		...1		RCMRC76	"X'10'"
		.... 1...		RCMRC77	"X'08'"
		.... .1..		RCMRC78	"X'04'"
		.... ..1.		RCMRC79	"X'02'"
		1		RCMRC80	"X'01'"
		Comment			
		Routing code byte 11.			
		End of Comment			
10	(A)	BITSTRING	1	RCMBYT11	Routing Codes 81 - 88
		1...		RCMRC81	"X'80'"
		.1..		RCMRC82	"X'40'"

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		..1.		RCMRC83	"X'20'"
		...1		RCMRC84	"X'10'"
		.... 1...		RCMRC85	"X'08'"
		.... .1..		RCMRC86	"X'04'"
		.... ..1.		RCMRC87	"X'02'"
		1		RCMRC88	"X'01'"
		Comment			

		Routing code byte 12.			

		End of Comment			
11	(B)	BITSTRING	1	RCMBYT12	Routing Codes 89 - 96
		1...		RCMRC89	"X'80'"
		.1..		RCMRC90	"X'40'"
		..1.		RCMRC91	"X'20'"
		...1		RCMRC92	"X'10'"
		.... 1...		RCMRC93	"X'08'"
		.... .1..		RCMRC94	"X'04'"
		.... ..1.		RCMRC95	"X'02'"
		1		RCMRC96	"X'01'"
		Comment			

		Routing code byte 13.			

		End of Comment			
12	(C)	BITSTRING	1	RCMBYT13	Routing Codes 97 - 104
		1...		RCMRC97	"X'80'"
		.1..		RCMRC98	"X'40'"
		..1.		RCMRC99	"X'20'"
		...1		RCMRC100	"X'10'"
		.... 1...		RCMRC101	"X'08'"
		.... .1..		RCMRC102	"X'04'"
		.... ..1.		RCMRC103	"X'02'"
		1		RCMRC104	"X'01'"
		Comment			

		Routing code byte 14.			

		End of Comment			
13	(D)	BITSTRING	1	RCMBYT14	Routing Codes 105 - 112
		1...		RCMRC105	"X'80'"
		.1..		RCMRC106	"X'40'"
		..1.		RCMRC107	"X'20'"
		...1		RCMRC108	"X'10'"
		.... 1...		RCMRC109	"X'08'"
		.... .1..		RCMRC110	"X'04'"
		.... ..1.		RCMRC111	"X'02'"
		1		RCMRC112	"X'01'"
		Comment			

		Routing code byte 15.			

		End of Comment			

IATYRCM Cross Reference

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
14	(E)	BITSTRING	1	RCMBYT15	Routing Codes 113 - 120
		1...		RCMRC113	"X'80'"
		.1..		RCMRC114	"X'40'"
		..1.		RCMRC115	"X'20'"
		...1		RCMRC116	"X'10'"
		.... 1...		RCMRC117	"X'08'"
		.... .1..		RCMRC118	"X'04'"
		.... ..1.		RCMRC119	"X'02'"
		1		RCMRC120	"X'01'"

Comment

Routing code byte 16.

End of Comment

15	(F)	BITSTRING	1	RCMBYT16	Routing Codes 121 - 128
		1...		RCMRC121	"X'80'"
		.1..		RCMRC122	"X'40'"
		..1.		RCMRC123	"X'20'"
		...1		RCMRC124	"X'10'"
		.... 1...		RCMRC125	"X'08'"
		.... .1..		RCMRC126	"X'04'"
		.... ..1.		RCMRC127	"X'02'"
		1		RCMRC128	"X'01'"

Comment

Routing code byte 17.

End of Comment

16	(10)	BITSTRING	1	RCMBYT17	JES3-Specific Indicators
		1...		RCMCALL	"X'80'" Destination Class 'ALL'
		.1..		RCMCMLG	"X'40'" Destination Class 'MLG'

Comment

End of routing code mapping.

End of Comment

16	(10)	X'11'	0	RCMEND	"*"
16	(10)	X'11'	0	RCMSIZE	"RCMEND-RCMSTART"

IATYRCM Cross Reference

Name

RCMBYT1
RCMBYT10
RCMBYT11
RCMBYT12
RCMBYT13
RCMBYT14
RCMBYT15
RCMBYT16
RCMBYT17
RCMBYT2

Name

RCMBYT3
RCMBYT4
RCMBYT5
RCMBYT6
RCMBYT7
RCMBYT8
RCMBYT9
RCMCALL
RCMCMLG
RCMEND
RCMRC1
RCMRC10
RCMRC100
RCMRC101
RCMRC102
RCMRC103
RCMRC104
RCMRC105
RCMRC106
RCMRC107
RCMRC108
RCMRC109
RCMRC11
RCMRC110
RCMRC111
RCMRC112
RCMRC113
RCMRC114
RCMRC115
RCMRC116
RCMRC117
RCMRC118
RCMRC119
RCMRC12
RCMRC120
RCMRC121
RCMRC122
RCMRC123
RCMRC124
RCMRC125
RCMRC126
RCMRC127
RCMRC128
RCMRC13
RCMRC14
RCMRC15
RCMRC16
RCMRC17
RCMRC18
RCMRC19
RCMRC2
RCMRC20
RCMRC21
RCMRC22
RCMRC23
RCMRC24
RCMRC25
RCMRC26
RCMRC27
RCMRC28

Name

RCMRC29
RCMRC3
RCMRC30
RCMRC31
RCMRC32
RCMRC33
RCMRC34
RCMRC35
RCMRC36
RCMRC37
RCMRC38
RCMRC39
RCMRC4
RCMRC40
RCMRC41
RCMRC42
RCMRC43
RCMRC44
RCMRC45
RCMRC46
RCMRC47
RCMRC48
RCMRC49
RCMRC5
RCMRC50
RCMRC51
RCMRC52
RCMRC53
RCMRC54
RCMRC55
RCMRC56
RCMRC57
RCMRC58
RCMRC59
RCMRC6
RCMRC60
RCMRC61
RCMRC62
RCMRC63
RCMRC64
RCMRC65
RCMRC66
RCMRC67
RCMRC68
RCMRC69
RCMRC7
RCMRC70
RCMRC71
RCMRC72
RCMRC73
RCMRC74
RCMRC75
RCMRC76
RCMRC77
RCMRC78
RCMRC79
RCMRC8
RCMRC80
RCMRC81
RCMRC82

Name

RCMRC83
RCMRC84
RCMRC85
RCMRC86
RCMRC87
RCMRC88
RCMRC89
RCMRC9
RCMRC90
RCMRC91
RCMRC92
RCMRC93
RCMRC94
RCMRC95
RCMRC96
RCMRC97
RCMRC98
RCMRC99
RCMSIZE
RCMSTART

IATYREG Information

IATYREG Programming Interface information

Programming Interface information

IATYREG

End of Programming Interface information

IATYREG Heading Information

Common Name: REGISTER EQUIVALENTS
Macro ID: IATYREG
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: Provides equates for the general purpose and access registers ZERO thru FIFTEEN.

IATYREG Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	X'0'	0	R0	"0"
0	(0)	X'1'	0	R1	"1"
0	(0)	X'2'	0	R2	"2"
0	(0)	X'3'	0	R3	"3"
0	(0)	X'4'	0	R4	"4"
0	(0)	X'5'	0	R5	"5"
0	(0)	X'6'	0	R6	"6"
0	(0)	X'7'	0	R7	"7"
0	(0)	X'8'	0	R8	"8"
0	(0)	X'9'	0	R9	"9"
0	(0)	X'A'	0	R10	"10"
0	(0)	X'B'	0	R11	"11"
0	(0)	X'C'	0	R12	"12"
0	(0)	X'D'	0	R13	"13"
0	(0)	X'E'	0	R14	"14"
0	(0)	X'F'	0	R15	"15"

Comment

ACCESS REGISTERS

End of Comment

0	(0)	X'0'	0	AR0	"0"
0	(0)	X'1'	0	AR1	"1"
0	(0)	X'2'	0	AR2	"2"
0	(0)	X'3'	0	AR3	"3"
0	(0)	X'4'	0	AR4	"4"
0	(0)	X'5'	0	AR5	"5"
0	(0)	X'6'	0	AR6	"6"
0	(0)	X'7'	0	AR7	"7"
0	(0)	X'8'	0	AR8	"8"
0	(0)	X'9'	0	AR9	"9"
0	(0)	X'A'	0	AR10	"10"
0	(0)	X'B'	0	AR11	"11"
0	(0)	X'C'	0	AR12	"12"
0	(0)	X'D'	0	AR13	"13"
0	(0)	X'E'	0	AR14	"14"
0	(0)	X'F'	0	AR15	"15"

IATYREG Cross Reference

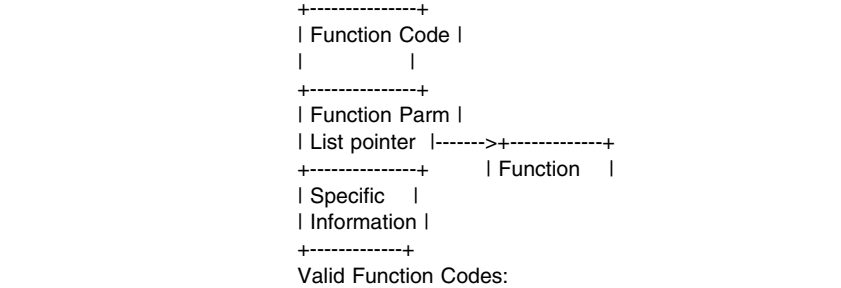
Name

AR0
AR1
AR10
AR11
AR12
AR13
AR14
AR15
AR2
AR3
AR4
AR5
AR6
AR7
AR8
AR9
R0
R1
R10
R11
R12
R13
R14
R15
R2
R3
R4
R5
R6
R7
R8
R9

IATYRGP Information

IATYRGP Heading Information

Common Name: RJPCONS General Routines Parameter lists
Macro ID: IATYRGP
DSECT Name: RJGRMOD, TXTFPARM, MDBRPARM
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: none
Storage Attributes: Main Storage: JES3 PRIVATE
Auxiliary Storage: N/A
Size: N/A
Created by: IATRJPC
Pointed to by: N/A
Serialization: none
Function: Parameter lists for passing information to RJPCONS General routines (IATRJGR).
The module parameter list consists of a Function code followed by a pointer to the specific Function Code's parameter list.



Valid Function Codes:
"TXTF" -- "Format input text into JES3 format"
"MDBR" -- "MDB Release CAD buffers"
"DO NOT CHANGE ANY OFFSETS IN THIS MACRO --
Referenced by non-source maintained modules

IATYRGP Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	RJGRMOD	Module parameter list
0	(0)	CHARACTER	4	RJGRFUNC	Function Code for specific ...operation to invoke
4	(4)	ADDRESS	4	RJGRFPRM	Address of Function code's parameter list (ex, "TXTF")
4	(4)	X'8'	0	RJGRMEND	"*" End of Module Parm list
4	(4)	X'8'	0	RJGRMSIZ	"(RJGRMEND-RJGRMOD)" Size of Module Parm list

Comment

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

End of Comment

4	(4)	X'0'	0	RJGRRTOK	"0" RJGR function performed ...successfully
4	(4)	X'4'	0	RJGRRTBD	"4" Failure During IATRJGR ...processing

Comment

General Reason Codes (Function Independent) -- R0

End of Comment

4	(4)	X'0'	0	RJGRRSOK	"0" Dummy Reason Code--Everything ...is fine
4	(4)	X'4'	0	RJGRRSUN	"4" Unknown Function Requested ...(RJGRFUNC value not known)

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
4	(4)	X'8'	0	RJGRRSBP	"8" Bad Functional Parameters ...were detected (ex, a Zero ...RME Anchor address--TXTF)
4	(4)	X'10'	0	RJGRRSNS	"16" Unable to obtain storage from ...supplied cell pool (check ...cell pool)

Comment

Function Specific Reason Codes (returned in R0)

End of Comment

4	(4)	X'C'	0	TXTRSRME	"12" DLOG Formatted Record(s) were ...returned in RME(s)

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	TXTFPARM	"TXTF" Parm List
0	(0)	ADDRESS	4	TXTFMDB	Address of MDB(s)
4	(4)	ADDRESS	4	TXTFALET	ALET for MDB
8	(8)	SIGNED	4	TXTFCPID	RJP Cell Pool Id for RME ...storage
12	(C)	ADDRESS	4	TXTFRMEA	Address of Fullword to contain ...the RME chain pointer
16	(10)	BITSTRING	1	TXTFFLG1	Flag Byte
		1...		TXTFSWCN	"X'80'" Message is a result of a ...console switch
17	(11)	BITSTRING	3	TXTFRSD1	Reserved for Development
17	(11)	X'14'	0	TXTFEND	"*" End of "TXTF" Parm list
17	(11)	X'14'	0	TXTFSIZE	"(TXTFEND-TXTFPARM)" Size of "TXTF" Parm list

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	MDBRPARM	"MDBR" Parm List
0	(0)	ADDRESS	4	MDBRMDB	Address of MDB(s)
4	(4)	ADDRESS	4	MDBRALET	ALET for MDB
8	(8)	SIGNED	4	MDBRGTOK	Associated Group Token
8	(8)	X'C'	0	MDBREND	"*" End of "MDBR" Parm list
8	(8)	X'C'	0	MDBRSIZE	"(MDBREND-MDBRPARM)" Size of "MDBR" Parm list

IATYRGP Cross Reference

Name

MDBRALET
MDBREND
MDBRGTOK
MDBRMDB
MDBRPARM
MDBRSIZE
RJGRFPRM
RJGRFUNC
RJGRMEND
RJGRMOD
RJGRMSIZ
RJGRRSBP
RJGRRSNS
RJGRRSOK
RJGRRSUN
RJGRRTBD
RJGRRTOK
TXTFALET
TXTFCPID
TXTFEND

Name

TXTFFLG1
TXTFMDB
TXTFPARM
TXTFRMEA
TXTFRSD1
TXTFSIZE
TXTFSWCN
TXTRSRME

IATYRIP Information

IATYRIP Heading Information

Common Name: Reply Information Prefix
Macro ID: IATYRIP
DSECT Name: RIPSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Any
Key: User
Data Space: JESXCF CADS data space
Size: RIPSIZE
Created by: IATSSCM *12502TAC
Pointed to by: The reply prefix is located just before the response data in IXZYIXAC. It is determined by subtracting the prefix length from the starting data address in the JESXCF CADS buffer.
Serialization: NONE
Function: This macro maps the Reply Information Prefix,

containing information about the caller of the

staging area that is being replied to.

*12502TAA

This data area has a JESXCF CASE mapping macro. *12502TAA

Changes made here should also be made in IXZYRIP. *12502TAA

IATYRIP Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	RIPSTART	,
0	(0)	SIGNED	4	RIPEXIT	Address of SSISERV caller's asynchronous exit
4	(4)	SIGNED	4	RIPBUFF	Address of SSISERV caller's response buffer
8	(8)	SIGNED	4	RIPBLEN	Length of CADS buffer, including the RIP prefix
12	(C)	SIGNED	4	RIPTCB (0)	Requester's TCB address, if task was scheduled to terminate
12	(C)	CHARACTER	16	RIPTTOKN	TTOKEN of requesting task
28	(1C)	BITSTRING	1	RIPFLAG1	Request flags
		1...		RIPTTERM	"X'80'" Requesting task is scheduled for termination
		.1..		RIPSRBMD	"X'40'" Requestor was in SRB mode and did not supply a TCB address
		..1.		RIPTINDP	"X'20'" Request is task-independent
		...1		RIPF1R10	"X'10'" Reserved for IBM
		.... 1...		RIPF1R08	"X'08'" Reserved for IBM
		.... .1..		RIPF1R04	"X'04'" Reserved for IBM
		.... ..1.		RIPF1R02	"X'02'" Reserved for IBM
		1		RIPF1R01	"X'01'" Reserved for IBM
29	(1D)	BITSTRING	3	RIPRESV	Reserved
32	(20)	ADDRESS	4	RIPPURGE	Address of ECB to be posted if SRB is purged
36	(24)	ADDRESS	4	RIPSRSBA	Address of an optional 12502TAA SELSRSB used for REPLY 12502TAA with Exit requests 12502TAA
40	(28)	SIGNED	4	RIPRESV2 (2)	Reserved for IBM 12502TAA
40	(28)	X'30'	0	RIPEND	"*" End of Prefix
40	(28)	X'30'	0	RIPLEN	"(RIPEND-RIPSTART)" Length of Prefix

IATYRIP Cross Reference

Name

RIPBLEN
RIPBUFF
RIPEND
RIPEXIT
RIPFLAG1
RIPF1R01
RIPF1R02
RIPF1R04
RIPF1R08
RIPF1R10
RIPLEN
RIPPURGE
RIPRESV
RIPRESV2
RIPSRBMD
RIPSRSBA
RIPSTART
RIPTCB
RIPTINDP
RIPTTERM
RIPTTOKN

IATYRJDI Information

IATYRJDI Heading Information

Common Name: RJP Device Access Information Area
Macro ID: IATYRJDI
DSECT Name: RJDISTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: RJDI
Offset: 0
Length: 4
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 1
Size: RJDISIZE bytes
Created by: IATOSGR/RJPDINFO routine
Pointed to by: Local pointers in callers
Serialization: NONE
Function: This macro contains the information needed to perform inquiry/modify functions for an RJP printer or punch.

IATYRJDI Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	RJDISTRT	
0	(0)	CHARACTER	4	RJDIID	Control block id
4	(4)	ADDRESS	4	RJDISUP	Address of the current RJP SUPUNIT in storage. This address is set to the first SUPUNIT in a work station in response to a FIRST_SUPUNIT call, incremented to a subsequent SUPUNIT in response to a NEXT_SUPUNIT call, or set to the SUPUNIT for a requested device in response to a FIND_DEVICE call. The SUPUNIT pointed to by this address is only an in-storage copy of the real SUPUNIT on spool pointed to by RTTFDB. Any changes made to this SUPUNIT must be (eventually) followed up by a TYPE=WRITE_CURRENT or a TYPE=WRITE_ALL call or the changes will be lost when a TYPE=RELEASE is done.
8	(8)	ADDRESS	4	RJDIRTT	Address of the RTT for the work station that owns the device represented by the SUPUNIT whose address is in RJDISUP.
12	(C)	ADDRESS	4	RJDIRJS	Address of the RJS buffer that contains the SUPUNIT whose address is in RJDISUP. This address is used to locate the DMC for the DAT containing this RJS so that the DMC can be marked modified for a WRTCHAIN macro after a SUPUNIT is modified. It is also used when advancing along RJS buffers for a TYPE= NEXT_SUPUNIT request.
16	(10)	ADDRESS	4	RJDIRSD1	Reserved for development
20	(14)	ADDRESS	4	RJDIRSD2	Reserved for development
24	(18)	ADDRESS	4	RJDIRSD3	Reserved for development
28	(1C)	ADDRESS	4	RJDIRSD4	Reserved for development
32	(20)	CHARACTER	3	RJDIDEV	Last device that was returned by the IATXRJDI service, if the SUPUNIT was found in storage without having to read the RJS chain. This is needed in case the SUPUNIT storage is released before a subsequent TYPE= NEXT_SUPUNIT request.
35	(23)	BITSTRING	1	RJDIRSV1	Reserved for service
36	(24)	ADDRESS	4	RJDIRSV2	Reserved for service
40	(28)	ADDRESS	4	RJDIRSV3	Reserved for service
44	(2C)	ADDRESS	4	RJDIRSV4	Reserved for service

IATYRJDI Cross Reference

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
Comment					
RJPDINFO routine call types					
End of Comment					
44	(2C)	X'0'	0	RJDIFRSP	"0" Get the first SUPUNIT
44	(2C)	X'1'	0	RJDINXSP	"1" Get the next SUPUNIT
44	(2C)	X'2'	0	RJDIFIND	"2" Find a device by name
44	(2C)	X'3'	0	RJDIWRIC	"3" Write modified RJS buffers
44	(2C)	X'4'	0	RJDIWRAL	"4" Write all RJS buffers
44	(2C)	X'5'	0	RJDIRELS	"5" Release buffers and free storage
48	(30)	DBL WORD	8	RJDIEND (0)	End of control block
48	(30)	X'30'	0	RJDISIZE	"RJDIEND-RJDISTRT" Size of control block

IATYRJDI Cross Reference

Name

RJDIDEV
RJDIEND
RJDIFIND
RJDIFRSP
RJDIID
RJDINXSP
RJDIRELS
RJDIRJS
RJDIRSD1
RJDIRSD2
RJDIRSD3
RJDIRSD4
RJDIRSV1
RJDIRSV2
RJDIRSV3
RJDIRSV4
RJDIRTT
RJDISIZE
RJDISTRT
RJDISUP
RJDIWRAL
RJDIWRIC

IATYRME Information

IATYRME Heading Information

Common Name: RJP Queue Element
Macro ID: IATYRME
DSECT Name: RMESTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: NONE
Storage Attributes: Main Storage: Any
Size: 200 bytes
Created by: IATRJPC
Pointed to by: RTTSTCHN in IATYRLT
Serialization: NONE
Function: Maps elements chained off of the RTT representing messages to be issued to the respective workstation.
"DO NOT CHANGE ANY OFFSETS IN THIS MACRO -- Referenced by non-source modules"

IATYRME Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	RMESTART	
0	(0)	ADDRESS	4	RMECHN	Chain to next element
4	(4)	BITSTRING	1	RMEFLAG1	Element control flag
		1...		RMEGETM	"X'80'" Storage was AGETMAINed
		.1..		RMERSV1	"X'40'" Reserved
		..1.		RMERSV2	"X'20'" Reserved
		...1		RMERSV3	"X'10'" Reserved
		.... 1...		RMERSV4	"X'08'" Reserved
		.... .1..		RMERSV5	"X'04'" Reserved
		.... ..1.		RMERSV6	"X'02'" Reserved
		1		RMERSV7	"X'01'" Reserved
5	(5)	BITSTRING	2	RMERSVD1	Reserved for service
7	(7)	CHARACTER	1	RMECHRCT	- Character count of message
8	(8)	BITSTRING	160	RMEMSG	Message text
168	(A8)	SIGNED	4	RMEEND (0)	End of Element
168	(A8)	X'A8'	0	RMESIZE	"RMEEND-RMESTART" Element size

IATYRME Cross Reference

Name

RMECHN
RMECHRCT
RMEEND
RMEFLAG1
RMEGETM

RMEMSG
RMERSVD1
RMERSV1
RMERSV2
RMERSV3

RMERSV4
RMERSV5
RMERSV6
RMERSV7
RMESIZE

IATYRME Cross Reference

Name

RMESTART

IATYRQJS Information

IATYRQJS Heading Information

Common Name: RQJSTAT Bypass Reason Code Definitions
Macro ID: IATYRQJS
DSECT Name: None
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Auxiliary Storage: N/A
Subpool: N/A
Key: N/A
Residency: N/A
Size: N/A
Created by: N/A
Pointed to by: N/A
Serialization: None
Function: This macro defines the RQJSTAT bypass reason codes that are set in a job's RQ by MDS and GMS when they determine that a job cannot be scheduled for some reason.
The bypass reason codes are also put into the JQEX when a job is delayed while being scheduled for main service.
If a new bypass reason is added, modules which invoke the IATYRQJS macro must be recompiled.

IATYRQJS Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
		Comment			
		,VALUE NOT DEFINED			
		End of Comment			
	....			RQJXZERO	"X'00'"
		Comment			
		,INSUFFICIENT STORAGE			
		End of Comment			
	1			RQJXSTOR	"X'01'"
		Comment			
		,TLIMIT EXCEEDED			
		End of Comment			
	.... ..1.			RQJXTLIM	"X'02'"
		Comment			
		,I/O RATE INAPPROPRIATE			
		End of Comment			
	11			RQJXIORT	"X'03'"

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,INELIGIBLE TO RUN ON THIS SYSTEM					
				End of Comment	
		.... .1..		RQJXMAIN	"X'04'" 9#0058
				Comment	
,MDEPTH EXCEEDED					
				End of Comment	
		.... .11.		RQJXMDEP	"X'06'"
				Comment	
,JOB CLASS DISABLED					
				End of Comment	
		.... .111		RQJXCLAS	"X'07'"
				Comment	
,LSTOR UPDATE PENDING					
				End of Comment	
		.... 1...		RQJXLSPN	"X'08'"
				Comment	
,MLIMIT EXCEEDED					
				End of Comment	
		.... 1..1		RQJXMLMT	"X'09'"
				Comment	
,MIX1 INAPPROPRIATE					
				End of Comment	
		.... 1.1.		RQJXPMIX	"X'0A'" 27#0058
				Comment	
,JOB IN HOLD OR ACTIVE					
				End of Comment	
		.... 111.		RQJXHOLD	"X'0E'"
				Comment	
,SYSTEM NOT AT MIN MVS EXECUTION LEVEL					
				End of Comment	
		 1111		RQJXMNLV	"X'0F'"
				Comment	
,JOB IN DJC HOLD					
				End of Comment	
		...1		RQJXDJCH	"X'10'"

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,GROUP DISABLED					
				End of Comment	
		...1 ..1.		RQJXMGMN	"X'12'"
				Comment	
,MAIN OFFLINE/NOT CONNECTED					
				End of Comment	
		...1 ..11		RQJXMNOF	"X'13'"
				Comment	
,TDEPTH EXCEEDED					
				End of Comment	
		...1 .1..		RQJXTDPT	"X'14'"
				Comment	
,CANCEL/RESTART SETUP ISSUED					
				End of Comment	
		...1 .1.1		RQJXRCNS	"X'15'"
				Comment	
,WAITING FOR SPOOL SPACE					
				End of Comment	
		...1 .11.		RQJXWSPL	"X'16'"
				Comment	
,WAITING FOR REQUIRED LEVEL OF MVS					
				End of Comment	
		...1 .111		RQJXW522	"X'17'"
				Comment	
,SCHEDULING ENVIRONMENT NOT DEFINED					
				End of Comment	
		...1 1...		RQJXSEUD	"X'18'"
				Comment	
,SCHEDULING ENVIRONMENT NOT AVAILABLE					
				End of Comment	
		...1 1..1		RQJXSEUN	"X'19'"
				Comment	
,WLM RECLASSIFICATION IS IN PROGRESS					
				End of Comment	
		..1.		RQJXWLRC	"X'20'" 9#17648TAD

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,SRVCLASS MODIFY IN PROGRESS					
				End of Comment	
		..1. ..1.		RQJXSRVM	"X'22'"
				Comment	
,MAX JES MANAGED JOBS ON SINGLE MAIN					
				End of Comment	
		..1. ..11		RQJXMAXJ	"X'23'"
				Comment	
,MAX WLM MANAGED JOBS ON SINGLE MAIN					
				End of Comment	
		..1. .1..		RQJXMAXW	"X'24'" 9#17648TAD
				Comment	
,NO INITIATORS STARTED IN SRVCLASS					
				End of Comment	
		.1.1		RQJNSIST	"X'50'"
				Comment	
,ALL INITIATORS IN SRVCLASS IN USE					
				End of Comment	
		.1.1 ...1		RQJASIUS	"X'51'"
				Comment	
,NO GROUP INITIATORS STARTED					
				End of Comment	
		.1.1 ..1.		RQJNGIST	"X'52'"
				Comment	
,ALL GROUP INITIATORS IN USE					
				End of Comment	
		.1.1 ..11		RQJAGIUS	"X'53'"
				Comment	
,PRIORITY HELD					
				End of Comment	
		.1.1 .1..		RQJSPTYH	"X'54'"
				Comment	
,JOB IS IN OPERATOR HOLD					
				End of Comment	
		.1.1 .1.1		RQJSOPRH	"X'55'"

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,JOB IS IN DJC HOLD					
				End of Comment	
		.1.1 .11.		RQJSDJCH	"X'56'"
				Comment	
,JOB IS IN ARM HOLD					
				End of Comment	
		.1.1 .111		RQJSARMH	"X'57'"
				Comment	
,JOB IS IN SPOOL HOLD					
				End of Comment	
		.1.1 1...		RQJSSPLH	"X'58'"
				Comment	
,NO AVAILABLE DSPS					
				End of Comment	
		.1.1 1..1		RQJSNDSP	"X'59'"
				Comment	
,MAIN/CLASS/GROUP NOT AVAILABLE					
				End of Comment	
		.1.1 1.1.		RQJSMCGU	"X'5A'"
				Comment	
,DUPLICATE JOB NAME IN EXECUTION					
				End of Comment	
		.1.1 1.11		RQJSDUPJ	"X'5B'"
				Comment	
,RESOURCE UPDATE ONLY					
				End of Comment	
		1...		RQJMDRSU	"X'80'"
				Comment	
,JOB HOLD STATUS					
				End of Comment	
		1... ...1		RQJMDHLD	"X'81'"
				Comment	
,MAX REGION SIZE EXCEEDED					
				End of Comment	
		1... ..1.		RQJMDRGN	"X'82'"

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,RESTART JOB PASS ONLY					
				End of Comment	
		1... ..11		RQJMDRST	"X'83'"
				Comment	
,MAIN OFFLINE/NOT CONNECTED					
				End of Comment	
		1... .1..		RQJMDOFF	"X'84'"
				Comment	
,RESTART MAIN NOT CONNECTED					
				End of Comment	
		1... .1.1		RQJMDROI	"X'85'"
				Comment	
,GROUP/CLASS DISABLED					
				End of Comment	
		1... .11.		RQJMDGMS	"X'86'"
				Comment	
,REQUIRED RESOURCES NOT AVAILABLE					
				End of Comment	
		1... .111		RQJMDRSC	"X'87'"
				Comment	
,DEVICE POOL FENCE PENDING					
				End of Comment	
		1... 1...		RQJMDFNC	"X'88'"
				Comment	
,MAIN SETUP DEPTH EXCEEDED					
				End of Comment	
		1... 1..1		RQJMDMDP	"X'89'"
				Comment	
,CLASS SETUP DEPTH EXCEEDED					
				End of Comment	
		1... 1.1.		RQJMDCDP	"X'8A'"
				Comment	
,FAILED PREALLOCATION SCAN					
				End of Comment	
		1... 1.11		RQJMDSCN	"X'8B'"

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,SYSTEM MANAGED RESOURCES NOT AVAILABLE					
				End of Comment	
		1... 11..		RQJMDSMS	"X'8C'"
				Comment	
,SCHEDULING ENVIRONMENT NOT DEFINED					
				End of Comment	
		1... 11.1		RQJMSEUD	"X'8D'"
				Comment	
,SCHEDULING ENVIRONMENT NOT AVAILABLE					
				End of Comment	
		1... 111.		RQJMSEUN	"X'8E'"
				Comment	
,GROUP NOT SUPPORTED IN WLM MODE					
				End of Comment	
		1... 1111		RQJMGPWL	"X'8F'"
				Comment	
,JESLOG VALUE NOT SUPPORTED ON MAIN					
				End of Comment	
		1..1		RQJMJLNS	"X'90'"
				Comment	
,JOB SELECTED FOR EXECUTION					
				End of Comment	
		1111 1111		RQJXONMN	"X'FF'"

IATYRQJS Cross Reference

Name

RQJAGIUS
RQJASIUS
RQJMDCDP
RQJMDFNC
RQJMDGMS
RQJMDHLD
RQJMDMDP
RQJMDOFF
RQJMDRGN
RQJMDROI
RQJMDRSC
RQJMDRST
RQJMDRSU
RQJMDSCN
RQJMDSMS

Name

RQJMGPWL
RQJMJLNS
RQJMSEUD
RQJMSEUN
RQJNGIST
RQJNSIST
RQJSARMH
RQJSDJCH
RQJSDUPJ
RQJSMCGU
RQJSNDSP
RQJSOPRH
RQJSPTYH
RQJSSPLH
RQJXCLAS
RQJXDJCH
RQJXHOLD
RQJXIORT
RQJXLSPN
RQJXMAIN
RQJXMAXJ
RQJXMAXW
RQJXMDEP
RQJXMGMN
RQJXMLMT
RQJXMNLV
RQJXMNOF
RQJXONMN
RQJXPMIX
RQJXRCNS
RQJXSEUD
RQJXSEUN
RQJXSRVM
RQJXSTOR
RQJXTDPT
RQJXTLIM
RQJXWLRC
RQJXWSPL
RQJXW522
RQJXZERO

IATYRSC Information

IATYRSC Programming Interface information

Programming Interface information

IATYRSC

End of Programming Interface information

IATYRSC Heading Information

Common Name: JES3 Resource Table
Macro ID: IATYRSC
DSECT Name: N/A
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: None
Function: Specifies the names of critical JES3 resources for use with the ADEQ, AENQ, and ATEST macros.

IATYRSC Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0		
0	(0)	SIGNED	4		
4	(4)	CHARACTER	8		
12	(C)	CHARACTER	8		
20	(14)	CHARACTER	8		
28	(1C)	CHARACTER	8		
36	(24)	CHARACTER	8		
44	(2C)	CHARACTER	8		
52	(34)	CHARACTER	8		
60	(3C)	CHARACTER	8		
68	(44)	CHARACTER	8		
76	(4C)	CHARACTER	8		
84	(54)	CHARACTER	8		
92	(5C)	CHARACTER	8		
100	(64)	CHARACTER	8		
108	(6C)	CHARACTER	8		
116	(74)	CHARACTER	8		
124	(7C)	CHARACTER	8		
132	(84)	CHARACTER	8		
140	(8C)	CHARACTER	8		
148	(94)	CHARACTER	8		
156	(9C)	CHARACTER	8		
164	(A4)	CHARACTER	8		
172	(AC)	CHARACTER	8		
180	(B4)	CHARACTER	8		
188	(BC)	CHARACTER	8		
196	(C4)	CHARACTER	8		
204	(CC)	CHARACTER	8		
212	(D4)	CHARACTER	8		
220	(DC)	CHARACTER	8		
228	(E4)	CHARACTER	8		
236	(EC)	CHARACTER	8		
244	(F4)	CHARACTER	8		

IATYRSQ Information

IATYRSQ Programming Interface information

Programming Interface information

IATYRSQ

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

- *0080
- RQARLADD
- RQOSSTOP
- RQRCEAD
- RQSAPSEE
- RQSMSRL

End of Programming Interface information

IATYRSQ Heading Information

Common Name: Resident Job Queue Table
Macro ID: IATYRSQ
DSECT Name: RQSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: RSQ
Offset: 0
Length: 4
Storage Attributes: Main Storage: RQCRQSPL (Subpool 6)
Size: RQFSIZE (fixed entry),
RQOSRQSZ (OUTSERV RQ size)
RQMNRQSZ (MAIN RQ size)
RQCIRQSZ (CI RQ size)
RQCMRQSZ (Common RQ size)
RQMAXSIZ (Maximum RQ size)
Created by: IATINIT as IATINDT
Pointed to by: CFTJOBCH (IATYCFT)
FCTRQAD (IATYFCT)
IDAPSCBT (IATYIDA)
IDAPSCDS (IATYIDA)
JQERESQ (IATYJQE)
JVWRESQ (IATYJVW)
MCTRQ (IATYMCT)
MDALLOCQ (IATYMDS)
MDBRKDNQ (IATYMDS)
MDYNALOQ (IATYMDS)
MDERRORQ (IATYMDS)
MDFETCHQ (IATYMDS)
MDRSTRTQ (IATYMDS)
MDVERFYQ (IATYMDS)
MDVOLUAQ (IATYMDS)
MDVOLWTQ (IATYMDS)
MPQPTR (IATYMGP)
MPRQONMN (IATYMPC)
RCERQAD (IATYRCE)
RQCEFBAD (IATYRQC)
RQCEFIOW (IATYRQC)
RQCNOSUB (IATYRQC)
RQDYACHN (IATYRSQ)
RQGRPCHN (IATYRSQ)
RQGRPPRV (IATYRSQ)
RQNEXT (IATYRSQ)
RQPREV (IATYRSQ)
RQSPNCH (IATYRSQ)
RQSPNPRV (IATYRSQ)
RQWTRCHN (IATYRSQ)
RQWTRPRV (IATYRSQ)
SRSSELQ (IATYSRS)
SRSVFYQ (IATYSRS)
EFTOP (IATYTVT)
OSSRQTOP (IATYTVT)
OSSWAIT (IATYTVT)
RQBTM (IATYTVT)
RQDTOP (IATYTVT)
RQTOP (IATYTVT)
RQWTRTOP (IATYTVT)
SPORQTOP (IATYTVT)
Serialization: N/A
Function: Used to control processing of jobs by a particular DSP. It consists of a fixed section (common to all functions), plus a function dependent variable section. There are five variable sections:

(1) OUTSERV variable section - contains data used by output service

(2) MDS variable section - contains data used by MDS for SETUP processing. The MDS variable section starts after the OUTSERV variable section.

(3) GMS variable section - contains data used by GMS after MDS SETUP is complete. The GMS variable section starts after the MDS variable section.

(4) CI variable section - contains data used by the CI and postscan DSPs. The CI variable section starts after the GMS variable section.

(5) Common variable section - contains data used by all other functions. The common variable section starts after the CI variable section.

The different variable sections are combined to create a RESQUEUE for a specific function, there are four types of resqueues:

(1) OUTSERV RESQUEUE - consists of a fixed section followed by an OUTSERV variable section.

(2) MAIN RESQUEUE - consists of a fixed section followed by the OUTSERV, MDS, and GMS variable sections. the OUTSERV variable section is the first part, and is used by output service for spinoff processing while the job is executing on MAIN (e.g. free=close specified on SYSOUT statement).

(3) CI RESQUEUE - consists of a fixed section followed by the OUTSERV, MDS, and CI variable sections. The OUTSERV section is used only to keep the offsets in the MDS section the same. The MDS section is used by MDS for catalog setup processing (i.e. jobcat or stepcat was specified).

(4) Common RQ for all other functions - consists of a fixed section followed by the OUTSERV and common variable sections. the OUTSERV variable section used by output service for spinoff processing while the DSP is active (e.g. CBPRINT).

IATYRSQ Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	RQSTART	
0	(0)	CHARACTER	4	RQNAME	CONTROL BLOCK ID
		Comment			

		RESQUEUE CHAIN FIELDS			
		WARNING			
		THE OFFSETS AND VALUES FOR THE FIELDS BETWEEN RQSTART			
		AND RQFREND MUST NOT BE CHANGED, AS THIS WILL HAVE AN			
		ADVERSE EFFECT ON SOME JES3 MODULES.			

		End of Comment			
4	(4)	SIGNED	4	RQNEXT	ADDR OF NEXT RESQUEUE ENTRY
8	(8)	SIGNED	4	RQGRPCHN	CI/MDS/MAIN/OUTSERV/JSS SUBCHAIN
12	(C)	SIGNED	4	RQFCTAD	FCT ADDRESS
		Comment			

		RQMAINS' BITS MAP THE 32 PROCESSORS IN THE			
		FOLLOWING ORDER:			
		BYTE 1 BYTE 2 BYTE 3 BYTE 4			
		SY8-->SY1 SY16-->SY9 SY24-->SY17 SY32-->SY25			

		End of Comment			
16	(10)	SIGNED	4	RQMAINS	MAIN PROCESOR SELECTION MASK

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- JOB IDENTIFIER FIELDS ----------	
				End of Comment	
20	(14)	CHARACTER	8	RQJOBNAM	JOB NAME
28	(1C)	CHARACTER	8	RQOUSID	OWNING USER ID D020
36	(24)	CHARACTER	8	RQTUSID	SUBMITTING USERID 0618
44	(2C)	CHARACTER	8	RQMNETID	DJC NETID
52	(34)	CHARACTER	8	RQJNUM	JOB ID, IN EBCDIC
60	(3C)	SIGNED	4	RQJOBNO	Job number in binary
64	(40)	CHARACTER	80	RQTOKEN	TOKEN
144	(90)	CHARACTER	8	RQNODE	NODE
152	(98)	CHARACTER	8	RQPOE	PORT OF ENTRY
160	(A0)	CHARACTER	8	RQSECBL	SECLABL
168	(A8)	CHARACTER	2	RQSETVER	SETUNITS INDEX OF FIRST SETUNITS ENTRY REQUIRING A VOLUME MOUNT
172	(AC)	SIGNED	4	RQDSCNT	DATA SET COUNT 0326
176	(B0)	SIGNED	4	RQSCTOD	TIME OF DAY JOB ADDED TO RQ SUBCHAIN IDENTIFIED BY RQINDEX
180	(B4)	SIGNED	4	RQACCCNT	RQ access count for IATXARQ
184	(B8)	CHARACTER	2	RQRSRVD2	RESERVED FOR DEVELOPMENT
				Comment	
				---------- CONTROL BLOCK FDBS (FROM THE JCT) ----------	
				End of Comment	
188	(BC)	SIGNED	4	RQFDALIN (0)	ALIGNMENT ON A FULLWORD
188	(BC)	BITSTRING	12	RQJDBFDB	JDAB FDB
200	(C8)	BITSTRING	12	RQJSTFDB	JST FDB
212	(D4)	BITSTRING	12	RQJDSFDB	JDS FDB
224	(E0)	BITSTRING	12	RQJMRFDB	JMR FDB
236	(EC)	BITSTRING	28	RQJOBTAT	JOBTAT FDB
264	(108)	BITSTRING	12	RQOSEFDB	OSE FDB
276	(114)	BITSTRING	1	RQASRFDB	ASR FDB
				Comment	
				---------- JDS ACCESS CONTROL FIELDS ----------	
				End of Comment	
288	(120)	SIGNED	4	RQJDSPTR	CURRENT JDS RECORD ADDRESS
				Comment	
				A 'FF' IN THE HI-ORDER BYTE OF RQJDSFCT INDICATES THAT THE JDS IS NOT IN USE, IN WHICH CASE THE REST OF THE FIELD IS IGNORED.	
				End of Comment	
292	(124)	SIGNED	4	RQJDSFCT	FCT CONTROLING THE JDS
296	(128)	SIGNED	2	RQJDSHEN	HIGHEST SEQUENCE NUMBER OF HELD JDS ENTRY
298	(12A)	SIGNED	2	RQJDSCT	NUMBER OF JDS BUFFERS IN USE
300	(12C)	SIGNED	4	RQRCEAD	ADDR OF THE RQ SRF EXTENSION
304	(130)	SIGNED	4	RQJDSEDO	NUMBER OF SYSOUT JDS 0259 ENTRIES USING DYNAMICALLY 0259 CREATED OUTPUT DESCRIPTORS 0259
308	(134)	ADDRESS	4	RQJQEADD	JQE address

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
312	(138)	SIGNED	2	RQFREND (0)	END OF RQ FROZEN SECTION
		Comment			
		WARNING THE OFFSETS AND VALUES FOR THE FIELDS BETWEEN RQSTART AND RQFREND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON SOME JES3 MODULES.			
		End of Comment			
312	(138)	SIGNED	2	RQJDSREC	CURRENT JDS RECORD SEQUENCE
314	(13A)	SIGNED	2	RQJDSOFF	OFFSET TO CURRENT JDS ENTRY
316	(13C)	BITSTRING	1	RQJDSBOP	JDS buffer options
		Comment			
		Definitions of RQJDSBOP			
		End of Comment			
		1...		RQJDJETC	"X'80'" Create JETs for current buffer - used in JDSGET
		.1..		RQJDJETP	"X'40'" The JET is already present
		..1.		RQJDRS20	"X'20'" Reserved for IBM
		...1		RQJDRS10	"X'10'" Reserved for IBM
		.... 1...		RQJDRS08	"X'08'" Reserved for IBM
		.... .1..		RQJDRS04	"X'04'" Reserved for IBM
		.... ..1.		RQJDRS02	"X'02'" Reserved for IBM
		1		RQJDRS01	"X'01'" Reserved for IBM
317	(13D)	BITSTRING	1	RQRSRVD4	Reserved for development
318	(13E)	SIGNED	2	RQSPNDX	SPOOL PARTITION INDEX
320	(140)	BITSTRING	1	RQGRPRTY (2)	JOB CLASS GROUP PRIORITY
320	(140)	X'141'	0	RQPRTY	"RQGRPRTY+1,1" JOB PRIORITY
322	(142)	BITSTRING	1	RQSTRKG1	PRIMARY TRKGRP ALLOCATION
323	(143)	BITSTRING	1	RQSTRKG2	SECONDARY TRKGRP ALLOCATION
324	(144)	BITSTRING	1	RQGRPSEQ	GROUP SEQUENCE NUMBER
325	(145)	BITSTRING	1	RQSESEQ	SCHEDULER ELEMENT SEQUENCE NUMBER FOR THIS FUNCTION
326	(146)	BITSTRING	1	RQRSVD2	Reserved for development
327	(147)	BITSTRING	1	RQJCTPTY	JOB'S JCT PRIORITY
328	(148)	BITSTRING	1	RQNSTEP	NO. OF STEPS IN THIS JOB
329	(149)	BITSTRING	1	RQJCLASS	JOB CLASS
330	(14A)	BITSTRING	1	RQSYSTEM	SYSTEM TYPE FOR THIS JOB
331	(14B)	BITSTRING	1	RQTYPE	RESQUEUE TYPE
		Comment			
		DEFINITION OF RQTYPE			
		End of Comment			
331	(14B)	X'1'	0	RQCITYPE	"1" CI RESQUEUE
331	(14B)	X'2'	0	RQMNTYPE	"2" MAIN RESQUEUE
331	(14B)	X'3'	0	RQOSTYPE	"3" OUTSERV RESQUEUE
331	(14B)	X'4'	0	RQCMTYPE	"4" COMMON RESQUEUE FOR ALL OTHER FUNCTIONS
332	(14C)	BITSTRING	1	RQINDEX	CI/MDS/MAIN/OUTSERV/JSS FUNCTION INDEX

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		DEFINITION OF RQINDEX NOTE: IF RQINDEX IS CHANGED THEN THE FOLLOWING MODULES/ROUTINES MUST ALSO BE CHANGED: (1) IATGRRQ - RESQUEUE MANAGEMENT (2) IATGRWJ - MAIN SCHEDULER ELEMENT STATUS (3) IATMDSB - MDSTRACE ROUTINE (4) IATUTDS - DISPLAY DSP			
				End of Comment	
332	(14C)	X'4'	0	RQNOSUB	"4" x04 No subchain exists. Used primarily for: - JES3 DSPs - JES3 job 0 - Job removed from subchn by DJ - Job removed from OUTSERV - Job scheduled to PURGE or non-standard sched- uler element
332	(14C)	X'8'	0	RQFSSCI	"RQNOSUB+4" x08 ACTIVE IN CI IN AN FSS ADDRESS SPACE
332	(14C)	X'C'	0	RQPSCBAT	"RQFSSCI+4" x0C AWAITING POSTSCAN (BATCH)
332	(14C)	X'10'	0	RQPSCDSL	"RQPSCBAT+4" x10 AWAITING POSTSCAN (DEMSEL)
332	(14C)	X'14'	0	RQFETCH	"RQPSCDSL+4" x14 AWAITING VOLUME FETCH
332	(14C)	X'18'	0	RQVOLWT	"RQFETCH+4" x18 AWAITING START SETUP
332	(14C)	X'1C'	0	RQSYSSEL	"RQVOLWT+4" x1C AWAITING/ACTIVE IN MDS SYSTEM SELECT PROCESSING
332	(14C)	X'20'	0	RQALLOC	"RQSYSSEL+4" x20 AWAITING RESOURCE ALLOCATION
332	(14C)	X'24'	0	RQVOLUAV	"RQALLOC+4" x24 AWAITING UNAVAILABLE VOL(S)
332	(14C)	X'28'	0	RQVERIFY	"RQVOLUAV+4" x28 AWAITING VOLUME MOUNTS
332	(14C)	X'2C'	0	RQSYSVER	"RQVERIFY+4" x2C AWAITING/ACTIVE IN MDS SYSTEM VERIFY PROCESSING
332	(14C)	X'30'	0	RQERROR	"RQSYSVER+4" x30 ERROR DURING MDS PROCESSING
332	(14C)	X'34'	0	RQSELECT	"RQERROR+4" x34 AWAITING SELECTION ON MAIN
332	(14C)	X'38'	0	RQONMAIN	"RQSELECT+4" x38 SCHEDULED ON MAIN
332	(14C)	X'3C'	0	RQWTR	"RQONMAIN+4" x3C AWAITING WTR OUTPUT (ASP)
332	(14C)	X'40'	0	RQTERM	"RQWTR+4" x40 AWAITING MAIN TERMINATION (ASP)
332	(14C)	X'44'	0	RQBRKDWN	"RQTERM+4" x44 AWAITING BREAKDOWN
332	(14C)	X'48'	0	RQRESTRT	"RQBRKDWN+4" x48 AWAITING MDS RESTART PROC.
332	(14C)	X'4C'	0	RQDONE	"RQRESTRT+4" x4C MAIN AND MDS PROC. COMPLETE
332	(14C)	X'50'	0	RQOUTPT	"RQDONE+4" x50 AWAITING OUTPUT SERVICE
332	(14C)	X'54'	0	RQOUTQUE	"RQOUTPT+4" x54 AWAITING OUTPUT SERVICE WTR
332	(14C)	X'58'	0	RQOSWAIT	"RQOUTQUE+4" x58 AWAITING RSVD SERVICES
332	(14C)	X'5C'	0	RQCMPLT	"RQOSWAIT+4" x5C OUTPUT SERVICE COMPLETE
332	(14C)	X'60'	0	RQDEMSEL	"RQCMPLT+4" x60 AWAITING SELECTION ON MAIN (DEMAND SELECT JOB)
332	(14C)	X'64'	0	RQEFWAIT	"RQDEMSEL+4" x64 ENDING FUNCTION RQ WAITING FOR I/O COMPLETION
332	(14C)	X'68'	0	RQEFBAD	"RQEFWAIT+4" x68 ENDING FUNCTION RQ NOT PROCESSED
332	(14C)	X'6C'	0	RQMAXNDX	"RQEFBAD+4" x6C MAXIMUM RQ INDEX VALUE
333	(14D)	BITSTRING	1	RQIORATE	JOB I/O RATE
				Comment	
		DEFINITION OF RQIORATE			
				End of Comment	
		1		RQLOWIO	"X'01'" LOW I/O RATE
		.... ..1.		RQHIGHIO	"X'02'" HIGH I/O RATE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... .1..		RQMEDIO	"X'04'" MEDIUM I/O RATE
334	(14E)	BITSTRING	1	RQDJCFLG	DJC FLAG BYTE
				Comment	

				DEFINITION OF RQDJCFLG	

				End of Comment	
		1...		RQDJCJOB	"X'80'" THIS IS A DJC JOB
		.1..		RQDJCABN	"X'40'" JOB ABNORMALLY COMPLETED
		..1.		RQDJCHLD	"X'20'" JOB IS IN DJC NET HOLD
		...1		RQDJCOPH	"X'10'" JOB IS IN DJC OPERATOR HOLD
		.... 1...		RQDJCNS	"X'08'" NON-STANDARD DJC JOB
		.... .1..		RQDJCSC	"X'04'" DJC JOB CANCELED VIA SETUP
		.... ..1.		RQDJCSUP	"X'02'" DJC UPDAT AT STEP TRANSITION
		1		RQDJCREL	"X'01'" RLSE PROCESS FOR DJC RQ EF
335	(14F)	BITSTRING	1	RQFLG1	RESQUEUE FLAG 1
				Comment	

				DEFINITION OF RQFLG1	

				End of Comment	
		1...		RQHOLD	"X'80'" JOB IN HOLD
		.1..		RQACTIVE	"X'40'" THIS JOB HAS ACTIVE FUNCTION
		..1.		RQXBKHLD	"X'20'" CALLABLE BREAKDOWN HOLD
		...1		RQMPIPL	"X'10'" JOB ACTIVE WHEN MAIN IPLED
		.... 1...		RQNOCAN	"X'08'" NON-CANCELLABLE TO MVS
		.... .1..		RQPSTPSO	"X'04'" POST FLAG FOR PURGE
		.... ..1.		RQUSRJB	"X'02'" USERID IS THE UNDEFINED USER
		1		RQJBHLD	"X'01'" RQHOLD SET BY OP OR SPOOL
336	(150)	BITSTRING	1	RQFLG2	RESQUEUE FLAG 2
				Comment	

				DEFINITION OF RQFLG2	

				End of Comment	
		1...		RQDJACT	"X'80'" DUMP JOB ACTIVE THIS ENTRY
		.1..		RQARMRST	"X'40'" Job being restarted by ARM
		..1.		RQSETUP	"X'20'" THIS JOB REQUIRES SETUP
		...1		RQMDINCR	"X'10'" JOB PRIORITY HAS BEEN INCR
		.... 1...		RQDYALOC	"X'08'" DYNAMIC ALLOC IN PROGRESS
		.... .1..		RQNEW	"X'04'" JOB JUST CHANGED TO MOUNT
		.... ..1.		RQOLD	"X'02'" JOB HAS ALREADY BEEN TRIED
		1		RQLOCATE	"X'01'" JOB HAVING LOCATES PERFORMED
337	(151)	BITSTRING	1	RQFLG3	RESQUEUE FLAG 3
				Comment	

				DEFINITION OF RQFLG3	

				End of Comment	
		1...		RQINTWT	"X'80'" INTRDR wait flag
		.1..		RQMSVD	"X'40'" MAIN RESTART REQUIRED
		..1.		RQARMSET	"X'20'" Don't allow MDBK to alter RQMAINS...ARM has set it

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		...1		RQSAPI	"X'10'" Job is a SAPI application
		.... 1...		RQSCRREF	"X'08'" SCRATCH REFERENCE IN JST
		.... .1..		RQMDSRST	"X'04'" JOB REQUIRES MDS RESTART
		.... ..1.		RQCGUAVL	"X'02'" JOB CLASS/GROUP UNAVAILABLE
		1		RQMDINCL	"X'01'" JOB INCLUDED IN MDS JOB CNTS
338	(152)	BITSTRING	1	RQFLG4	RESQUEUE FLAG 4

Comment

DEFINITION OF RQFLG4

End of Comment

		1...		RQSUDAO	"X'80'" JOB REQUIRES SETUP OF DASD AND/OR SMS MANAGED DEVICES ONLY.
		.1..		RQIPLACT	"X'40'" ACTIVE ON MAIN AT IPL -

Comment

JES/DEM SEL JSQ WILL BE RESENT AFTER CONNECT -
THE RQ MUST BE PUT BACK ON THE DEMAND SELECT Q

End of Comment

		..1.		RQDSESUF	"X'20'" JOB NEEDS DATA SET STACKING EXIT OR SPECIAL U=AFF CODE
		...1		RQVSREQ	"X'10'" JOB IS V=R
		.... 1...		RQPRONLY	"X'08'" JOB USES ONLY PERMANANTLY RESIDENT VOLUMES
		.... .1..		RQRSCNS	"X'04'" CANCEL OR RSTRT SETUP ISSUED
		.... ..1.		RQOSESUP	"X'02'" OSE SETUP IN PROGRESS. THIS 0053 FLAG SHOULD ONLY BE CHANGED BY IATXOSUP 0053
		1		RQOSACT	"X'01'" OUTSERV ACTIVE FOR THIS RQ
339	(153)	BITSTRING	1	RQFLG5	RESQUEUE FLAG 5

Comment

DEFINITION OF RQFLG5

End of Comment

		1...		RQDSEL	"X'80'" DEMAND SELECT JOB
		.1..		RQJRNL	"X'40'" JOB REQUIRES JOURNAL
		..1.		RQRJPJB	"X'20'" JOB ENTERED VIA RJP
		...1		RQFCTEF	"X'10'" RQ FOR ENDING FCT
		.... 1...		RQPURGP	"X'08'" Purge partial output
		.... .1..		RQCIRGN	"X'04'" CI HAS DETERMINED JOB REGIONS
		.... ..1.		RQDSPLY	"X'02'" DISPLAY DSP IS ACTIVE ON THIS RQ ENTRY
		1		RQMVSTSO	"X'01'" MVS TSO JOB (IF RQFLG5 = RQDSEL, JOB IS A TSO LOGON)
340	(154)	BITSTRING	1	RQFLG6	RESQUEUE FLAG 6

Comment

DEFINITION OF RQFLG6

End of Comment

		1...		RQCANCL	"X'80'" JOB HAS BEEN CANCELED
		.1..		RQCANCP	"X'40'" JOB HAS BEEN CANCELED PRINT
		..1.		RQSAMNAM	"X'20'" JOB OF SAME NAME WAITS FOR MAIN
		...1		RQPURGE	"X'10'" PURGE SE RESQUEUE
		.... 1...		RQCANCO	"X'08'" JOB HAS BEEN CANCELED OUTPUT

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... .1..		RQLREGON	"X'04'" / MAIN LREGION= SPECIFIED
		.... ..1.		RQRQJID	"X'02'" This is a SYSLOG request job id job
		1		RQNSTDGP	"X'01'" NON-STANDARD DEST GROUP
341	(155)	BITSTRING	1	RQFLG7	RESQUEUE FLAG 7
		Comment			

		DEFINITION OF RQFLG7			

		End of Comment			
		1...		RQABTERM	"X'80'" ABNORMAL JOB TERMINATION
		.1..		RQABEND	"X'40'" SYSTEM/USER ABEND
		..1.		RQDSTAT	"X'20'" JOB HAS SYSOUT CLASS THAT REQUIRES DATASET TAT
		...1		RQDSPAB	"X'10'" DSP TERMINATED BY FAILSOFT
		.... 1...		RQDM556	"X'08'" DM556 ISSUED FOR THIS JOB
		.... .1..		RQOSSWS	"X'04'" INDIC. START WTR THIS RQ.
		.... ..1.		RQJSS	"X'02'" RSQ WAS OBTAINED BY JSS
		1		RQPOSTCN	"X'01'" JOB IN POSTSCAN PHASE OF CI
342	(156)	BITSTRING	1	RQFLG8	RESQUEUE FLAG 8
		Comment			

		DEFINITION OF RQFLG8			

		End of Comment			
		1...		RQATMACT	"X'80'" RQ BYPASSED FOR OSE BUILD
		.1..		RQOSSCHN	"X'40'" RQ ON OUTSERV DRVR CHAIN
		..1.		RQWTRCH	"X'20'" RQ ON WRITER CHAIN
		...1		RQATMREQ	"X'10'" JDS NAVAIL TIMER REQUIRED
		.... 1...		RQSPNCHN	"X'08'" RQ ON OUTSERV SPIN CHAIN
		.... .1..		RQFLG804	"X'04'" Reserved for output service subchain indicator
		.... ..1.		RQJESRQ	"X'02'" JES3 JOB0'S RESQUEUE
		1		RQSPNREQ	"X'01'" SPINOFF RQTAPUT REQUEST
343	(157)	BITSTRING	1	RQFLG9	RESQUEUE FLAG 9
		Comment			

		DEFINITION OF RQFLG9			

		End of Comment			
		1...		RQJDSPRG	"X'80'" JDS HAS BEEN PURGED
		.1..		RQSOMAR	"X'40'" JOB ON MAIN HAD SPINOFF DATASET AT JES3 RESTART
		..1.		RQISOMAR	"X'20'" PLACE JOB ON SPINOFF QUEUE (SET IN IATGRRQ)
		...1		RQLMITMN	"X'10'" JOB REQUEUE MAIN LIMIT
		.... 1...		RQDSIPL	"X'08'" DEM. SEL. JOB IPLED OFF
		.... .1..		RQDSERTM	"X'04'" DEM SEL JOB TERMINATING DUE TO ERROR IN IATMSMS
		.... ..1.		RQNFYIPL	"X'02'" JOB IPL'D OFF (NOTIFY)
		1		RQISFAIL	"X'01'" JOB FAILED BY CI
344	(158)	BITSTRING	1	RQFLG10	RESQUEUE FLAG 10

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		DEFINITION OF RQFLG10			
		End of Comment			
		1...		RQOSEBY	"X'80'" BYPASS OSE BUILD OVER RESTRT
		.1..		RQOSMF26	"X'40'" OUTSERV SMF26 START LOGGED
		..1.		RQMSGRSV	"X'20'" MSGCLASS IS RESERVED CLASS
		...1		RQCANCUR	"X'10'" JOB CANCELED BY USER
		.... 1...		RQBDTSUB	"X'08'" JOB IS A BDT SUBSYSTEM
		.... .1..		RQDM756	"X'04'" DM756 ISSUED FOR THIS JOB
		.... ..1.		RQORGDEF	"X'02'" JCT CONTAINS A SECONDARY 3089 ORIGIN 3089
		1		RQOSDRUP	"X'01'" RQ BEING PROCESSED BY AN OUTSERV FCT
345	(159)	BITSTRING	1	RQFSFLG	FSS STATUS FLAG
		Comment			
		DEFINITION OF RQFSFLG			
		End of Comment			
		1...		RQFSS	"X'80'" JOB RUNS AS AN FSS ADDRESS SPACE
		.1..		RQCIFSSB	"X'40'" CI FSS DEMAND SELECT JOB USES THE CI SUBTASK RESERVED FOR STARTING CI FSS ADDRESS SPACES
		..1.		RQFLFS20	"X'20'" RESERVED FLAG
		...1		RQFLFS10	"X'10'" RESERVED FLAG
		.... 1...		RQFLFS08	"X'08'" RESERVED FLAG
		.... .1..		RQFLFS04	"X'04'" RESERVED FLAG
		.... ..1.		RQFLFS02	"X'02'" RESERVED FLAG
		1		RQFLFS01	"X'01'" RESERVED FLAG
346	(15A)	BITSTRING	1	RQSPFL1	SPOOL FLAG 1
		Comment			
		DEFINITION OF RQSPFL1			
		End of Comment			
		1...		RQSPMS	"X'80'" RQSPNDX SET BY IATMSMS
		.1..		RQSPT1MS	"X'40'" RQSTRKG1 SET BY IATMSMS
		..1.		RQSPT2MS	"X'20'" RQSTRKG2 SET BY IATMSMS
		...1		RQSPRST	"X'10'" JOB RESTARTED BY *F Q DD= ,STOP
		.... 1...		RQJFAIL	"X'08'" JOB FAILURE INDICATOR
		.... .1..		RQDSPOP	"X'04'" DSP CALLED BY OPERATOR
		.... ..1.		RQTSOCAN	"X'02'" TSO CANCEL PENDING
		1		RQNOJLG	"X'01'" JESMSGLG logging suppressed
347	(15B)	BITSTRING	1	RQDSPRC	DSP RETURN CODE FOR JSS SAME AS FCTFLAG2
		Comment			
		DEFINITION OF RQDSPRC			
		End of Comment			
347	(15B)	X'0'	0	RQJSNRM	"FCTJSNRM" NORMAL COMPLETION
347	(15B)	X'4'	0	RQJSRSK	"FCTJSRSK" PUT JOB IN HOLD FOR LATER RESCHEDULING

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
347	(15B)	X'8'	0	RQJSSPR	"FCTJSSPR" SPECIALIZED RESCHEDULE
347	(15B)	X'C'	0	RQJPURG	"FCTJPURG" CANCEL ALL JOB SE'S EXCEPT PURGE
347	(15B)	X'10'	0	RQJSCAN	"FCTJSCAN" CANCEL WITH PRINT
347	(15B)	X'14'	0	RQABDSP	"FCTABDSP" RETURN FROM FAILSOFT
347	(15B)	X'18'	0	RQIIRES	"FCTIIRES" CI DSP USE COUNT RESCHEDULE
347	(15B)	X'1C'	0	RQSMSRSC	"FCTSMSRS" JOB REQUIRES SMS RESOURCES
347	(15B)	X'20'	0	RQNOMPL	"FCTNOMPL" JOB REQUIRES MAIN PROCESSOR 0181 TO PERFORM LOCATES 0181
347	(15B)	X'24'	0	RQIIJSAM	"FCTIIJSM" C/I JSAM buffer usage re- 0082 schedule 0082
348	(15C)	BITSTRING	1	RQFLG11	RESQUEUE FLAG 11
				Comment	
				---------- DEFINITION OF RQFLG11 ----------	
				End of Comment	
		1...		RQNJESN	"X'80'" JOB CONTAINS SNA/NJE WORK
		.1..		RQNEWAV	"X'40'" NEWLY AVAILABLE FROM SPOOL 0036
		..1.		RQRSTOS	"X'20'" RESTART OUTPUT SERVICE
		...1		RQNJESF	"X'10'" NJE SF FLAG
		.... 1...		RQJOBTK	"X'08'" 0 - TOKEN IN RQTOKEN 0465 REPRESENTS THE JOB 0465 SUBMITTOR 0465 1 - TOKEN IN RQTOKEN 0465 REPRESENTS THE JOB 0465 OWNER 0465
		.... .1..		RQOSBUSY	"X'04'" RQ IS BEING PROCESSED BY 0321 AN OUTSERV FCT AND SHOULD 0321 NOT BE DECHAINED YET 0321
		.... ..1.		RQSBOWN	"X'02'" 0 => JOB OWNER FROM JOBCARD OR PROPAGATED FROM SUBMITTOR 1 => USE SUBMITTOR AS OWNER (MAY BE / MAIN USER=)
		1		RQOSEIOE	"X'01'" OSE I/O error occurred
349	(15D)	BITSTRING	1	RQFLG12	RESQUEUE FLAG 12
				Comment	
				---------- DEFINITION OF RQFLG12 ----------	
				End of Comment	
		1...		RQAPPC	"X'80'" RQ FOR APPC INITIATOR JOB
		.1..		RQDM754T	"X'40'" JOB CAUSED A DM754 ABEND DURING AN RQTAPUT CALL
		..1.		RQOSCLNP	"X'20'" JOB NEEDS MOSE/OSS CLEANUP
				Comment	
				5 LINES DELETED BY APAR OW35657	
				End of Comment	
		...1		RQSPINJN	"X'10'" Job expects spinoff datasets to have unique jobnames
		.... 1...		RQINTCSP	"X'08'" INTERCOM'ed *CANCEL SETUP .. ..command in progress
		.... .1..		RQCTOKEN	"X'04'" Job contains at least one dataset with a client token therefore JES3 can issue job change ENF58 signals relating to this job.
		.... ..1.		RQDM673	"X'02'" DM673 has occurred for job
		1		RQJMSGLK	"X'01'" JESMSG processing is locked
350	(15E)	BITSTRING	1	RQFLG13	RESQUEUE FLAG 13

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		DEFINITION OF RQFLG13			
		End of Comment			
		1...		RQLRL10	"X'80'" LOCATES DONE ON PROCESSOR WITH JES3 AT REL 10 OR UP (SMS UNIT AFF SSI SUPPORTED)
		.1..		RQJMGOFF	"X'40'" Job has JESMSGs offloaded 0083 (happens when job runs 0083 on HJS7707 or higher) 0079
		..1.		RQNJETCP	"X'20'" Job contains TCP/NJE work
		...1		RQINTXCF	"X'10'" Intrdr is for XCF
		.... 1...		RQCANLTR	"X'08'" Cancel XCF Intrdr later
		.... .1..		RQCLRTM	"X'04'" CALLRTM to be issued 07441SXC
		.... ..1.		RQNSRQJ	"X'02'" This is a non-syslog request job id job
		1		RQFL1301	"X'01'" RESERVED FLAG
351	(15F)	BITSTRING	1	RQE70NQI	ENF70 new queue index
352	(160)	SIGNED	4	RQCIERR	ERROR OCCURRED DURING CI OR MDS
		Comment			
		DEFINITION OF RQCIERR			
		End of Comment			
		.... .1..		RQCIEJCL	"X'4'" 4 - JOB HAD A JCL ERROR
		.... 1...		RQCIEOPC	"X'8'" 8 - JOB WAS OPERATOR CANCELED
		.... 11..		RQCIEDUP	"X'C'" 12 - JOB WAS CANCELED, DUPLICATE TSO LOGONS
		..11 .11.		RQCABND	"X'36'" 54 - Converter abended
		..11 1...		RQGETMFL	"X'38'" 56 - GETMAIN FAILURE IN MVS CONVERSION/INTERPRETATION
		.1..		RQCUX61	"X'40'" 64 - CANCELED BY IATUX61
356	(164)	SIGNED	4	RQPREV	PREVIOUS RQ POINTER ON RQ CHAIN (RQNEXT POINTS TO NEXT RQ ON RQ CHAIN)
360	(168)	SIGNED	4	RQGRPPRV	PREVIOUS RQ POINTER ON RQ SUBCHAIN (RQGRPCHN POINTS TO NEXT RQ ON RQ SUBCHAIN)
364	(16C)	ADDRESS	4	RQSAPSEE	SAPI application SEE chain
		Comment			
		RQ maximum completion code information, by design, matches the mapping in the network job trailer. Consult NJE Formats and Protocols before adding a new type. 06113SWA RQMXAB and RQMXCDE are the same as JCTMXAB and JCTMXCDE, respectively. The JCT equates cannot be used because the addition of the IATYJCT expansion causes assembly errors because of duplicate symbols defined in both IATYJCT and IEFAJCTB. 06113SWA 06113SWA			
		End of Comment			
368	(170)	BITSTRING	4	RQMAXRC (0)	--+ Maximum Job Return Code
368	(170)	BITSTRING	1	RQMXIND	| Job completion indicator
		1...		RQMXAB	"X'80'" | Abend code exists 06113SWA
		.1..		RQMXCDE	"X'40'" | Condition code exists 06113SWA
369	(171)	BITSTRING	3	RQMAXCC	--+ Completion code

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
372	(174)	SIGNED	4	RQSPVLU	JESMSGLG & JESYSMSG spinoff value (see RQSPFLG)
376	(178)	BITSTRING	1	RQSPFLG	JESMSGLG & JESYSMSG spinoff 0082 flag byte 0082

Comment

---------- 0
Definition of RQSPFLG 0
0
NOTE: Flag RQSPFLG must be defined identical 0
to JCTSPFLG and JSQSPFLG. 0
0
---------- 0

End of Comment

		1...		RQSPIN	"X'80'" Job is eligible to SPINOFF 0082 JESMSGLG and JESYSMSG ds 0082
		.1..		RQSTIMI	"X'40'" SPINOFF by time interval 0082 (in seconds) 0082
		..1.		RQSTIMD	"X'20'" SPINOFF by TOD (in sec) 0082
		...1		RQSLINE	"X'10'" SPINOFF by line interval 0082
		.... 1...		RQNOSPN	"X'08'" NOSPIN specified 0082
		.... .1..		RQSUPRS	"X'04'" SUPPRESS specified 0082
377	(179)	ADDRESS	3	RQRSVD4	Reserved for IBM
380	(17C)	SIGNED	4	RQMINLV	Minimum BCP execution level 17648TAC set by MVS converter 17648TAC
384	(180)	SIGNED	4	RQRSVD6	Reserved for IBM 17648TAC
388	(184)	SIGNED	4	RQRSVD7	Reserved for IBM 17648TAC
392	(188)	BITSTRING	12	RQASRFDW	ASR work FDB 17648TAM
404	(194)	SIGNED	4	RQRSVU (3)	RESERVED FOR USER
416	(1A0)	SIGNED	4	RQFXEND (0)	END OF FIXED RESQUEUE ENTRY
416	(1A0)	X'1A0'	0	RQFSIZE	"RQFXEND-RQSTART" SIZE OF FIXED ENTRY

Comment

VARIABLE SECTION FOR OUTSERV FUNCTION

End of Comment

416	(1A0)	SIGNED	4	RQOSSTRT (0)	START OF OUTSERV VAR. SECTION
416	(1A0)	SIGNED	4	RQWTRCHN	WRITER OUTPUT CHAIN
420	(1A4)	SIGNED	4	RQSPNCH	SPINOFF OUTPUT CHAIN
424	(1A8)	SIGNED	4	RQOSSTOP	FIRST OUTPUT SERVICE SUMMARY (OSS) ADDRESS
428	(1AC)	SIGNED	4	RQDCHFCT	WRITER DECHAIN FCT ADDRESS
		1...		RQDCHLCK	"X'80'" LOCK DECHAIN FCT BIT (FOR GRRQ)
432	(1B0)	SIGNED	2	RQSWTRCT	SCHEDULED WRITER COUNT
434	(1B2)	SIGNED	2	RQBGRPID	BDT GROUP-ID
436	(1B4)	SIGNED	4	RQJDATE	JOB LEVEL TIME STAMP (STCK)
440	(1B8)	SIGNED	4	RQWTRPRV	PREVIOUS RQ POINTER ON OUTPUT SERVICE WRITER CHAIN (RQWTRCHN POINTS TO PREVIOUS RQ ON OUTPUT SERVICE WRITER CHAIN)
444	(1BC)	SIGNED	4	RQSPNPRV	PREVIOUS RQ POINTER ON OUTPUT SERVICE SPINOFF CHAIN (RQSPNCH POINTS TO PREVIOUS RQ ON OUTPUT SERVICE SPINOFF CHAIN)
448	(1C0)	SIGNED	4	RQOSECT4	Number of OSE buffs in use
452	(1C4)	SIGNED	4	RQWSIMAX	Current maximum WSI value for job's SYSOUT data
456	(1C8)	ADDRESS	4	RQTCPMAP	Pointer to TCP/IP group id 07081SXC data area and bit map 07081SXA
460	(1CC)	SIGNED	2	RQNDEX	FOOTPRINT OF RQOSESUP DSP 0053
462	(1CE)	BITSTRING	1	RQDSPNO	DSP USING RQOSESUP 0053
463	(1CF)	BITSTRING	1	RQOSDCNT	Outserv dump count (for 0049 DM672) 0049
463	(1CF)	X'3'	0	RQOSDMAX	"3" Maximum number of DM672 0049 dumps allowed 0049
464	(1D0)	SIGNED	4	RQOSSCT	Count of IATXOSSC calls for the job
468	(1D4)	BITSTRING	1	RQOSFLG1	Output Service flags

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

		Definition of RQOSFLG1			

		End of Comment			
		1...		RQOSELIM	"X'80'" OSE buffer limit reached
		.1..		RQJDOBLD	"X'40'" JDO built 02809SLC
		..1.		RQDM676	"X'20'" DM676 ABEND issued for job
		...1		RQTGRPMP	"X'10'" TCP/IP group id bit map 07081SXC exists 07081SXA
		.... 1...		RQWSIRST	"X'08'" Restore WSI for SYSOUT data during OUTSERV restart
		.... .1..		RQOSF104	"X'04'" Reserved for IBM
		.... ..1.		RQOSF102	"X'02'" Reserved for IBM
		1		RQOSF101	"X'01'" Reserved for IBM
469	(1D5)	BITSTRING	1	RQOSRSRV	Reserved for IBM
470	(1D6)	SIGNED	2	RQOSRSV2	Reserved for IBM 08598SXC
472	(1D8)	SIGNED	4	RQTGRPI	TCP/IP group-id 08598SXA
476	(1DC)	SIGNED	4	RQTKNAD	Token address provided as input to IATXGOSE/IATXPOSE
480	(1E0)	SIGNED	4	RQOSEBF4	OSE buffer number used within IATXGOSE/IATXPOSE
484	(1E4)	SIGNED	4	RQOSRSV3 (3)	Reserved for IBM 08598SXA
496	(1F0)	DBL WORD	8	RQOSEND (0)	END OF OUTSERV VARIABLE SECTION (END ON DOUBLEWORD)
496	(1F0)	X'50'	0	RQOSVSIZ	"RQOSEND-RQOSSTRT" SIZE OF OUTSERV VAR. SECTION
		Comment			
		VARIABLE SECTION FOR MDS FUNCTION			
		End of Comment			
496	(1F0)	DBL WORD	8	RQMDSTRT (0)	START OF MDS VARIABLE SECTION
496	(1F0)	SIGNED	4	RQDYACHN	DYNAMIC ALLOCATION CHAIN
500	(1F4)	SIGNED	4	RQMDFCB	DFCB ADDRESS DURING DEVICE DEDICATION
504	(1F8)	SIGNED	4	RQS	SETUP PROCESSOR OF JOB
508	(1FC)	ADDRESS	4	RQARLADD	ALLOCATION REQUIREMENTS LIST (ARL) ADDRESS
512	(200)	ADDRESS	4	RQSMSRL	SMS RESOURCE LIST ADDRESS 0234
516	(204)	BITSTRING	12	RQDYJFDB	DJST FDB
528	(210)	SIGNED	2	RQVFYCNT	DEVICE MOUNTS REMAINING
530	(212)	SIGNED	2	RQOPRCNT	NO. OF OPERATOR ATTEMPTS TO MOUNT JOB
532	(214)	SIGNED	2	RQMVTSIZ	FIRST STEP REGION SIZE
534	(216)	SIGNED	2	RQVS2SIZ	LARGEST STEP REGION SIZE
536	(218)	BITSTRING	1	RQDYNSTP	DYNAMIC ALLOC STEP NO.
537	(219)	BITSTRING	1	RQMPSEQ	MAIN PROCESSOR SEQ NUMBER
538	(21A)	BITSTRING	1	RQAGER	JOB AGING RATE COUNTER
539	(21B)	BITSTRING	1	RQSTPNO	JOB STEP NO. IN EXECUTION
540	(21C)	BITSTRING	1	RQMPLAST	MP ON LAST SELECT ATTEMPT
541	(21D)	BITSTRING	1	RQDYALRC	RETURN CODE TO DYNAMIC ALLOCATION SSI
542	(21E)	BITSTRING	1	RQDYINDX	RQINDEX OF DYNALOC MDS FUNC.
543	(21F)	BITSTRING	1	RQJSTAT	JOB SELECTION STATUS
		Comment			

		Definition of RQJSTAT			

		RQJSTAT Bypass Reason Code Definitions $TA= z2.1.0 HJS7790 120521 RD0AS: z 2.1.0 17648TAA			
		End of Comment			

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,VALUE NOT DEFINED					
				End of Comment	
		....		RQJXZERO	"X'00'"
				Comment	
,INSUFFICIENT STORAGE					
				End of Comment	
		1		RQJXSTOR	"X'01'"
				Comment	
,TLIMIT EXCEEDED					
				End of Comment	
		.... ..1.		RQJXTLIM	"X'02'"
				Comment	
,I/O RATE INAPPROPRIATE					
				End of Comment	
		11		RQJXIORT	"X'03'"
				Comment	
,INELIGIBLE TO RUN ON THIS SYSTEM					
				End of Comment	
		.... .1..		RQJXMAIN	"X'04'" 9#0058
				Comment	
,MDEPTH EXCEEDED					
				End of Comment	
		.... .11.		RQJXMDEP	"X'06'"
				Comment	
,JOB CLASS DISABLED					
				End of Comment	
		.... .111		RQJXCLAS	"X'07'"
				Comment	
,LSTOR UPDATE PENDING					
				End of Comment	
		.... 1...		RQJXLSPN	"X'08'"
				Comment	
,MLIMIT EXCEEDED					
				End of Comment	
		.... 1..1		RQJXMLMT	"X'09'"

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,MIX1 INAPPROPRIATE					
				End of Comment	
		.... 1.1.		RQJXPMIX	"X'0A'" 27#0058
				Comment	
,JOB IN HOLD OR ACTIVE					
				End of Comment	
		.... 111.		RQJXHOLD	"X'0E'"
				Comment	
,SYSTEM NOT AT MIN MVS EXECUTION LEVEL					
				End of Comment	
		 1111		RQJXMNLV	"X'0F'"
				Comment	
,JOB IN DJC HOLD					
				End of Comment	
		...1		RQJXDJCH	"X'10'"
				Comment	
,GROUP DISABLED					
				End of Comment	
		...1 ..1.		RQJXMGMN	"X'12'"
				Comment	
,MAIN OFFLINE/NOT CONNECTED					
				End of Comment	
		...1 ..11		RQJXMNOF	"X'13'"
				Comment	
,TDEPTH EXCEEDED					
				End of Comment	
		...1 .1..		RQJXTDPT	"X'14'"
				Comment	
,CANCEL/RESTART SETUP ISSUED					
				End of Comment	
		...1 .1.1		RQJXRCNS	"X'15'"
				Comment	
,WAITING FOR SPOOL SPACE					
				End of Comment	
		...1 .11.		RQJXWSPL	"X'16'"

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,WAITING FOR REQUIRED LEVEL OF MVS					
				End of Comment	
		...1 .111		RQJXW522	"X'17'"
				Comment	
,SCHEDULING ENVIRONMENT NOT DEFINED					
				End of Comment	
		...1 1...		RQJXSEUD	"X'18'"
				Comment	
,SCHEDULING ENVIRONMENT NOT AVAILABLE					
				End of Comment	
		...1 1..1		RQJXSEUN	"X'19'"
				Comment	
,WLM RECLASSIFICATION IS IN PROGRESS					
				End of Comment	
		..1.		RQJXWLRC	"X'20'" 9#17648TAD
				Comment	
,SRVCLASS MODIFY IN PROGRESS					
				End of Comment	
		..1. ..1.		RQJXSRVM	"X'22'"
				Comment	
,MAX JES MANAGED JOBS ON SINGLE MAIN					
				End of Comment	
		..1. ..11		RQJXMAXJ	"X'23'"
				Comment	
,MAX WLM MANAGED JOBS ON SINGLE MAIN					
				End of Comment	
		..1. .1..		RQJXMAXW	"X'24'" 9#17648TAD
				Comment	
,NO INITIATORS STARTED IN SRVCLASS					
				End of Comment	
		.1.1		RQJNSIST	"X'50'"
				Comment	
,ALL INITIATORS IN SRVCLASS IN USE					
				End of Comment	
		.1.1 ...1		RQJASIUS	"X'51'"

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,NO GROUP INITIATORS STARTED					
				End of Comment	
		.1.1 ..1.		RQJNGIST	"X'52'"
				Comment	
,ALL GROUP INITIATORS IN USE					
				End of Comment	
		.1.1 ..11		RQJAGIUS	"X'53'"
				Comment	
,PRIORITY HELD					
				End of Comment	
		.1.1 .1..		RQJSPTYH	"X'54'"
				Comment	
,JOB IS IN OPERATOR HOLD					
				End of Comment	
		.1.1 .1.1		RQJSOPRH	"X'55'"
				Comment	
,JOB IS IN DJC HOLD					
				End of Comment	
		.1.1 .11.		RQJSDJCH	"X'56'"
				Comment	
,JOB IS IN ARM HOLD					
				End of Comment	
		.1.1 .111		RQJSARMH	"X'57'"
				Comment	
,JOB IS IN SPOOL HOLD					
				End of Comment	
		.1.1 1...		RQJSSPLH	"X'58'"
				Comment	
,NO AVAILABLE DSPS					
				End of Comment	
		.1.1 1..1		RQJSNDSP	"X'59'"
				Comment	
,MAIN/CLASS/GROUP NOT AVAILABLE					
				End of Comment	
		.1.1 1.1.		RQJSMCGU	"X'5A'"

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,DUPLICATE JOB NAME IN EXECUTION					
				End of Comment	
		.1.1 1.11		RQJSDUPJ	"X'5B'"
				Comment	
,RESOURCE UPDATE ONLY					
				End of Comment	
		1...		RQJMDRSU	"X'80'"
				Comment	
,JOB HOLD STATUS					
				End of Comment	
		1... ...1		RQJMDHLD	"X'81'"
				Comment	
,MAX REGION SIZE EXCEEDED					
				End of Comment	
		1... ..1.		RQJMDRGN	"X'82'"
				Comment	
,RESTART JOB PASS ONLY					
				End of Comment	
		1... ..11		RQJMDRST	"X'83'"
				Comment	
,MAIN OFFLINE/NOT CONNECTED					
				End of Comment	
		1... .1..		RQJMDOFF	"X'84'"
				Comment	
,RESTART MAIN NOT CONNECTED					
				End of Comment	
		1... .1.1		RQJMDROI	"X'85'"
				Comment	
,GROUP/CLASS DISABLED					
				End of Comment	
		1... .11.		RQJMDGMS	"X'86'"
				Comment	
,REQUIRED RESOURCES NOT AVAILABLE					
				End of Comment	
		1... .111		RQJMDRSC	"X'87'"

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,DEVICE POOL FENCE PENDING					
				End of Comment	
		1... 1...		RQJMDFNC	"X'88'"
				Comment	
,MAIN SETUP DEPTH EXCEEDED					
				End of Comment	
		1... 1..1		RQJMDMDP	"X'89'"
				Comment	
,CLASS SETUP DEPTH EXCEEDED					
				End of Comment	
		1... 1.1.		RQJMDCDP	"X'8A'"
				Comment	
,FAILED PREALLOCATION SCAN					
				End of Comment	
		1... 1.11		RQJMDSCN	"X'8B'"
				Comment	
,SYSTEM MANAGED RESOURCES NOT AVAILABLE					
				End of Comment	
		1... 11..		RQJMDSMS	"X'8C'"
				Comment	
,SCHEDULING ENVIRONMENT NOT DEFINED					
				End of Comment	
		1... 11.1		RQJMSEUD	"X'8D'"
				Comment	
,SCHEDULING ENVIRONMENT NOT AVAILABLE					
				End of Comment	
		1... 111.		RQJMSEUN	"X'8E'"
				Comment	
,GROUP NOT SUPPORTED IN WLM MODE					
				End of Comment	
		1... 1111		RQJMGPWL	"X'8F'"
				Comment	
,JESLOG VALUE NOT SUPPORTED ON MAIN					
				End of Comment	
		1..1		RQJMJLNS	"X'90'"

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,JOB SELECTED FOR EXECUTION					
				End of Comment	
		1111 1111		RQJXONMN	"X'FF'"
575	(23F)	BITSTRING	1	RQDYFLG1	DYNAMIC ALLOC SSI FLAG 1
				Comment	
---------- DEFINITION OF RQDYFLG1 ----------					
				End of Comment	
		1...		RQDYVMNT	"X'80'" VOLUME MOUNTING ALLOWED
		.1..		RQDYODRC	"X'40'" OFFLINE DEV RECOVERY ALLOWED
		..1.		RQDYWADV	"X'20'" WAIT FOR ALLOC DEV ALLOWED
		...1		RQDYWADS	"X'10'" WAIT FOR A DATASET ALLOWED
		.... 1...		RQDYWAVL	"X'08'" WAIT FOR A VOLUME ALLOWED
		.... .1..		RQDYPCAT	"X'04'" REQST FOR A PRIVATE CATALOG
		.... ..1.		RQDYFTCH	"X'02'" DYNALLOC FETCH COMPLETE
		1		RQDYR101	"X'01'" RESERVED FLAG
576	(240)	BITSTRING	1	RQDYFLG2	RQDYFLG2 DYNAMIC ALLOC SSI FLAG 2
577	(241)	BITSTRING	1	RQDYFLAG (0)	DYNAL FCT FLAGS
577	(241)	BITSTRING	1	RQDYFLG3	DYNAL FCT FLAG3
				Comment	
---------- DEFINITION OF RQDYFLG3 ----------					
				End of Comment	
		1...		RQVLMONT	"X'80'" VOLUME MOUNTING ALLOWED
		.1..		RQDYR340	"X'40'" RESERVED FLAG
		..1.		RQDVWAIT	"X'20'" WAIT FOR DEVICES ALLOWED
		...1		RQDSWAIT	"X'10'" WAIT FOR DATASETS ALLOWED
		.... 1...		RQDYR308	"X'08'" RESERVED FLAG
		.... .1..		RQDYR304	"X'04'" RESERVED FLAG
		.... ..1.		RQDYR302	"X'02'" RESERVED FLAG
		1		RQDYR301	"X'01'" RESERVED FLAG
578	(242)	BITSTRING	1	RQDYFLG4	RQDYFLG4 DYNAL FCT FLAG4
				Comment	
---------- MDS REQUIREMENTS ----------					
				End of Comment	
579	(243)	BITSTRING	1	RQREQST (0)	START OF MDS REQUIREMENTS
579	(243)	BITSTRING	1	RQDAREQ	NUMBER OF UNSATISFIED DASD REQUESTS
580	(244)	BITSTRING	1	RQTAREQ	NUMBER OF UNSATISFIED TAPE REQUESTS
581	(245)	BITSTRING	1	RQOTREQ	NUMBER OF UNSATISFIED REQUESTS FOR OTHER DEVICES
582	(246)	BITSTRING	1	RQVUREQ	NUMBER OF UNSATISFIED VUA REQUESTS
582	(246)	X'4'	0	RQREQLEN	"*-RQREQST" LENGTH OF DEVICE COUNTS 0676
583	(247)	BITSTRING	1	RQMDSREQ	UNSATISFIED REQUIREMENT TYPE CORRESPONDS TO MDSALECF

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		DEFINITION OF RQMDSREQ			
		End of Comment			
		1...		RQBSYDEV	"X'80'" JOB REQUIRES BUSY DEVICE(S)
		.1..		RQBSYVOL	"X'40'" JOB REQUIRES BUSY VOLUME(S)
		..1.		RQBSYDTS	"X'20'" JOB REQUIRES BUSY DATASET(S)
		...1		RQVFYPDG	"X'10'" VOLUME VERIFICATION PENDING
		.... 1...		RQDFPDG	"X'08'" JOB WAITING FOR FENCED DEVICES
		.... .1..		RQDYNPR	"X'04'" DYNALLOC FAILED: PERM RES VOLUME NOT FOUND
		.... ..1.		RQMREQ02	"X'02'" RESERVED FLAG
		1		RQMREQ01	"X'01'" RESERVED FLAG
584	(248)	BITSTRING	1	RQREQEND (0)	END OF MDS REQUIREMENTS
584	(248)	BITSTRING	1	RQMDFLG1	MDS FLAG1
		Comment			
		DEFINITION OF RQMDFLG1			
		End of Comment			
		1...		RQMDFAIL	"X'80'" MDS JOB ALLOCATION FAILURE
		.1..		RQMDVUNV	"X'40'" UNAVAILABLE VOLUME REFERENCE
		..1.		RQMDERR	"X'20'" MDS JOB ALLOCATION ERROR
		...1		RQMDSLCT	"X'10'" JOB SELECTED FOR ALLOCATE
		.... 1...		RQMDMNT	"X'08'" JOB FOR MDS MOUNT FUNCTION
		.... .1..		RQMDERRQ	"X'04'" JOB TO ERROR QUE AFTER BRKDN
		.... ..1.		RQMDFNC	"X'02'" THIS JOB FOR DEVPOOL REQUEST
		1		RQMDJERR	"X'01'" JSAM I/O ERROR ENCOUNTERED
585	(249)	BITSTRING	1	RQMDFLG2	MDS FLAG2
		Comment			
		DEFINITION OF RQMDFLG2			
		End of Comment			
		1...		RQMDCTLG	"X'80'" JOB FOR JOB/STEPCAT MOUNT
		.1..		RQMDFVFY	"X'40'" JOB BEING FORCE VERIFIED
		..1.		RQMDFLSF	"X'20'" PROCESSED BY MDS FAILSOFT
		...1		RQMDVFYE	"X'10'" VOLUME VERIFICATION ERROR
		.... 1...		RQMDSJST	"X'08'" JST READ IN BY MDS
		.... .1..		RQMDSJMS	"X'04'" JESMSGLG OPENED BY MDS
		.... ..1.		RQMDSJMR	"X'02'" JMR READ BY MDS
		1		RQBKINPR	"X'01'" JOB BREAKDOWN IN PROCESS
586	(24A)	BITSTRING	1	RQMDFLG3	MDS FLAG3
		Comment			
		DEFINITION OF RQMDFLG3			
		End of Comment			
		1...		RQMD3R80	"X'80'" Reserved flag
		.1..		RQMDPUTF	"X'40'" RQTAPUT DONE FOR FAILSOFT
		..1.		RQMDBRSV	"X'20'" BARR RESRV DONE BY JOB
		...1		RQMDRSTE	"X'10'" *R,S,JOB,EXTENDED INFO

Offsets Dec	Hex	Type/Value	Len	Name (Dec)	Description
		.... 1...		RQMDBKER	"X'08'" ERROR DURING BREAKDOWN
		.... .1..		RQMDSDP0	"X'04'" CLASS SDEPTH IS ZERO 0013
		.... ..1.		RQMDALER	"X'02'" ERROR DURING HARD ALLOCATE
		1		RQMDNFNC	"X'01'" DJC NET HAS NO DEVICE FENCE
587	(24B)	BITSTRING	1	RQMDFLG4	MDS FLAG4
		Comment			
		DEFINITION OF RQMDFLG4			
		End of Comment			
		1...		RQMDYACT	"X'80'" JOB HAS ACTIVE DJST
		.1..		RQMDYNQ	"X'40'" SA ON DYNAL ALLOC QUEUE
		..1.		RQMDYJST	"X'20'" DYNAL FCT USING JST
		...1		RQMDSDJS	"X'10'" SETUP FCT USING DJST
		.... 1...		RQMD4R08	"X'08'" Reserved flag
		.... .1..		RQMD4R04	"X'04'" Reserved flag
		.... ..1.		RQMDIUV	"X'02'" IGNORE UNAVAILABLE VOLUME STATUS DURING ALLOCATION
		1		RQMDSRS	"X'01'" ** IATMDBK ** CURRENT STEP IS THE RESTARTING STEP
588	(24C)	BITSTRING	1	RQMDFLG5	MDS FLAG FIVE
		Comment			
		DEFINITION OF RQMDFLG5			
		End of Comment			
		1...		RQSRSERV	"X'80'" THIS RESQUEUE IS BEING SERVICED BY THE MDSSRS FCT
		.1..		RQRSTCI	"X'40'" THIS JOB SHOULD BE RESTARTED THROUGH C/I PROCESSING AFTER MDS BREAKDOWN
		..1.		RQRSTAL	"X'20'" THIS JOB SHOULD BE PLACED ON THE MDS ALLOCATE QUEUE AFTER MDS BREAKDOWN
		...1		RQSMSMDS	"X'10'" THERE ARE NO MAIN PROCESSORS WHICH HAVE ACCESS TO BOTH THE SMS RESOURCES AND THE MDS RESOURCES REQUIRED BY THE JOB
		.... 1...		RQSMSCN	"X'08'" THERE ARE NO PROCESSORS THAT HAVE CONNECTIVITY TO ALL OF THE SMS MANAGED RESOURCES REQUIRED BY THE JOB
		.... .1..		RQSMSERR	"X'04'" ERROR DURING SMS PROCESSING
		.... ..1.		RQMDNOBF	"X'02'" NO JSAM BUFFERS
		1		RQMDSABN	"X'01'" MDS SUBTASK ABENDED WHILE PROCESSING A JOB
589	(24D)	CHARACTER	6	RQSCHSPA	SMS SCHEDULING INFORMATION SPOOL ADDRESS - SET BY IATMDST DURING SYSTEM SELECT PROCESSING
595	(253)	BITSTRING	1	RQMDFLG6	MDS FLAG SIX
		Comment			
		DEFINITION OF RQMDFLG6			
		End of Comment			
		1...		RQJSTNWF	"X'80'" JST NOT WRITTEN TO SPOOL AFTER MDS FETCH. CURRENT MDS FUNCTION MUST NOW WRITE THE JST
		.1..		RQMDBYRS	"X'40'" JOB BYPASSED UNTIL ALL RESTART JOBS ON THE ALLOC QUEUE HAVE BEEN PROCESSED

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		..1.		RQJSTLJB	"X'20'" JST LEFT IN STORAGE AFTER 0155 LAST STEP BREAKDOWN FOR 0155 JOB BREAKDOWN 0155
		...1		RQHARD	"X'10'" HARD ALLOCATE COMPLETE ... ... JST NOT YET WRITTEN
		.... 1...		RQJSTDYN	"X'08'" DYNAL IS USING RESIDUAL JST
		.... .1..		RQSVRES	"X'04'" RESTART SETUP CMD ISSUED FOR JOB IN SYSTEM VERIFY
		.... ..1.		RQRQMVNA	"X'02'" REQUIRED MVS LEVEL IS NO LONGER AVAILABLE.
		1		RQSMSVLE	"X'01'" SMS RETURNED VOLUME ERROR
596	(254)	SIGNED	2	RQJSTCT	NO. OF JST BUFFERS
598	(256)	CHARACTER	2	RQMDSDV1	RESERVED FOR DEVELOPMENT
600	(258)	CHARACTER	4	RQMDSDV2	RESERVED FOR DEVELOPMENT
604	(25C)	CHARACTER	1	RQMDSRSV	RESERVED FOR SERVICE
605	(25D)	BITSTRING	1	RQMDSRS1	MDS/MDSSRS FLAG

Comment

DEFINITION OF RQMDSRS1
THE FLAGS DEFINED IN RQMDSRS1 MUST BE SERIALIZED
USING COMPARE AND SWAP LOGIC

End of Comment

		1...		RQMDST	"X'80'" MDS SUBTASK IS PROCESSING THIS JOB
		.1..		RQMDRL	"X'40'" IATMDRL WENT THROUGH CHAIN OF RQ'S IN SYSTEM SELECT WHILE SUBTASK WAS PROCESSING THIS JOB
		..1.		RQENFPST	"X'20'" SMS CALLED FOR THIS JOB AS A RESULT OF AN ENF POST
		...1		RQMDS110	"X'10'" RESERVED FLAG
		.... 1...		RQMDS108	"X'08'" RESERVED FLAG
		.... .1..		RQMDS104	"X'04'" RESERVED FLAG
		.... ..1.		RQMDS102	"X'02'" RESERVED FLAG
		1		RQMDS101	"X'01'" RESERVED FLAG
606	(25E)	BITSTRING	2	RQACTDYN	ID OF ACTIVE DYNAMIC ALLOC. MOVED FROM DYADYNID BY MDDR WHEN ALLOCATION IN PROGRESS
608	(260)	SIGNED	4	RQDEVCTD	Number of times device use count has been incremented without a corresponding decrement (during DJST processing)
612	(264)	SIGNED	4	RQDEVCTJ	Number of times device use count has been incremented without a corresponding decrement (during JST processing)
616	(268)	SIGNED	4	RQDSNCTD	Number of times data set use count has been incremented without a corresponding decrement (during DJST processing)
620	(26C)	SIGNED	4	RQDSNCTJ	Number of times data set use count has been incremented without a corresponding decrement (during JST processing)
624	(270)	SIGNED	4	RQVLFCTD	Number of times volume fetch count has been incremented without a corresponding decrement (during DJST processing)
628	(274)	SIGNED	4	RQVLFCTJ	Number of times volume fetch count has been incremented without a corresponding decrement (during JST processing)
632	(278)	SIGNED	4	RQVLACTD	Number of times volume allocation count has been incremented without a corresponding decrement (during DJST processing)
636	(27C)	SIGNED	4	RQVLACTJ	Number of times volume allocation count has been incremented without a corresponding decrement (during JST processing)
636	(27C)	X'20'	0	RQCTLEN	"*-RQDEVCTD" LENGTH OF CONTROL COUNTS

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
640	(280)	SIGNED	4	RQMRSVS1	RESERVED FOR SERVICE 0055
644	(284)	SIGNED	4	RQMRSVS2	RESERVED FOR SERVICE 0055
648	(288)	SIGNED	2	RQMRSVS3	RESERVED FOR DEVELOPMENT 0081
650	(28A)	BITSTRING	3	RQREGFS	FIRST STEP REGION SIZE 0081
653	(28D)	BITSTRING	3	RQREGLG	LARGEST STEP REGION SIZE 0081
656	(290)	CHARACTER	16	RQSCHENV	Scheduling environment

Comment

RQSCHEMM indicates the available scheduling environment:
BYTE 1 BYTE 2 BYTE 3 BYTE 4
SY8-->SY1 SY16-->SY9 SY24-->SY17 SY32-->SY25
The ANDing of RQMAINS and RQSCHEMM indicate the processor(s) where the job can execute.

End of Comment

672	(2A0)	SIGNED	4	RQSCHEMM	Scheduling Environment selection mask
676	(2A4)	CHARACTER	8	RQSRVCLS	Service class name
684	(2AC)	SIGNED	4	RQWLMCTK	WLM classification token
688	(2B0)	BITSTRING	4	RQWSRMTK	WLM supplied SRM token
696	(2B8)	DBL WORD	8	RQMDSEND (0)	END OF MDS VARIABLE SECTION (END ON A DOUBLEWORD)
696	(2B8)	X'C8'	0	RQMDSVSZ	"RQMDSEND-RQMDSTRT" SIZE OF MDS VARIABLE SECTION

Comment

VARIABLE SECTION FOR GMS FUNCTION

End of Comment

696	(2B8)	DBL WORD	8	RQGMSTRT (0)	Start of GMS variable 16851TAC section 16851TAA
696	(2B8)	SIGNED	4	RQMAXL	LINE ESTIMATE/ACTUAL
700	(2BC)	SIGNED	4	RQMAXB	BYTE ESTIMATE/ACTUAL
704	(2C0)	SIGNED	4	RQMAXP	PAGE ESTIMATE/ACTUAL
708	(2C4)	SIGNED	2	RQMAXC	CARD ESTIMATE/ACTUAL
710	(2C6)	SIGNED	2	RQDATEON	Date on MAIN as DDDs 18078TAC (signed-packed-decimal) 18078TAA - also see RQYEARON 18078TAA
712	(2C8)	SIGNED	4	RQTIMEON	Binary time of day on MAIN 18078TAC as hundredths (0.01) of 18078TAA a second 18078TAA
716	(2CC)	CHARACTER	8	RQINJBID	SELECTING INITIATOR'S JOB NUMBER
724	(2D4)	CHARACTER	8	RQMNAM	MAIN THE JOB IS RUNNING ON
732	(2DC)	SIGNED	4	RQFSID (0)	FUNCTIONAL SUBSYSTEM ID VALID WHEN RQFSS IS SET
732	(2DC)	SIGNED	2	RQFSSID	FSS PORTION OF FSID
734	(2DE)	SIGNED	2	RQFSAID	FSA PORTION OF FSID
736	(2E0)	CHARACTER	8	RQSTEPNM	CURRENT STEP NAME

Comment

S.E. ITERATION CONTROL SECTION

End of Comment

744	(2E8)	BITSTRING	1	RQISTART	START OF SE ITERATION
745	(2E9)	BITSTRING	1	RQIEND	END OF SE ITERATION
746	(2EA)	BITSTRING	1	RQMSFL1	GMS Flag 1

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		Definition of RQMSFL1			
		End of Comment			
		1...		RQCNSTDN	"X'80'" Constraint table counters have been updated for this job since a global restart occurred
		.1..		RQCSDN	"X'40'" Cancel setup has been done for this demand select job
		..1.		RQCANDMP	"X'20'" Deferred cancel request for dump - used when MVS cancel deferred until first step starts
		...1		RQCANARM	"X'10'" Deferred cancel request for ARM restart - used when MVS cancel deferred until first step starts
		.... 1...		RQSRVCLQ	"X'08'" The job is on the GMS select queue for the service class (as opposed to the job class group) this job
		.... .1..		RQSRVCIP	"X'04'" Service class change in progress
		.... ..1.		RQRECLAS	"X'02'" WLM reclassification is required for this job
		1		RQSELWLM	"X'01'" The job was selected by a WLM managed initiator
747	(2EB)	BITSTRING	1	RQMSFL2	GMS Flag 2
		Comment			
		Definition of RQMSFL2			
		End of Comment			
		1...		RQISTYPE	"X'80'" RQISTART is a DSP number, otherwise, it's a scheduler element number
		.1..		RQIETYPE	"X'40'" RQIEND is a DSP number otherwise, it's a scheduler element number
		..1.		RQIHOLD	"X'20'" Hold job after iteration
		...1		RQSRVCMD	"X'10'" Service class was set via a command
		.... 1...		RQRUNCMD	"X'08'" A *MODIFY,J=nnn,RUN command was issued for this job
		.... .1..		RQSRVUPN	"X'04'" A service class update is pending for this job
		.... ..1.		RQARMRJT	"X'02'" Job was still registered to ARM at job termination
		1		RQNETSRV	"X'01'" Job is a Netserv
748	(2EC)	SIGNED	2	RQYEARON	Year on MAIN as 0CYY 18078TAC - also see RQDATEON 18078TAA
750	(2EE)	SIGNED	2	RQASID	Job's ASID
752	(2F0)	SIGNED	4	RQMSARIV	Main service arrival time
756	(2F4)	SIGNED	4	RQGMQPOS	Queue position within a WLM Service Class
760	(2F8)	SIGNED	4	RQGRSVS1	RESERVED FOR SERVICE 0055
764	(2FC)	SIGNED	4	RQGRSVS2	RESERVED FOR SERVICE 0055
768	(300)	SIGNED	4	RQWISEQ	WLM initiator sequence number
772	(304)	SIGNED	4	RQCANDOM	DOM id for message IAT6824 16851TAC
776	(308)	BITSTRING	8	RQCANTIM	Time that JES3 cancel was 16851TAA issued (first 8 bytes in 16851TAA STCKE format) 16851TAA
784	(310)	SIGNED	4	RQGRSVS3 (2)	Reserved for IBM 16851TAC
792	(318)	DBL WORD	8	RQGMSEND (0)	END OF GMS VARIABLE SECTION (END ON A DOUBLEWORD)
792	(318)	X'60'	0	RQGMSSIZ	"RQGMSEND-RQGMSTRT" SIZE OF GMS VARIABLE SECTION
		Comment			
		VARIABLE SECTION FOR CI FUNCTION			
		End of Comment			
696	(2B8)	SIGNED	4	RQCISTRT (0)	START OF CI VARIABLE SECTION

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
696	(2B8)	SIGNED	4	RQJJCLLM	MAX JOB JCL LIMIT AT TIME JOB SCHEDULED FOR CI
700	(2BC)	SIGNED	4	RQCIRAB	ADDRESS OF RECORD ALLOCATION BLOCK (RAB)
700	(2BC)	X'2BC'	0	RQLOCMN	"RQCIRAB,4" FOR LOCATE RESTART PROCESSING ADDRESS OF MP NAME
704	(2C0)	SIGNED	4	RQPRFSID (0)	FSID OF THE FSS THAT IS PROCESSING THIS JOB
704	(2C0)	SIGNED	2	RQPFSSID	FSS PORTION OF FSID
706	(2C2)	SIGNED	2	RQPFSAID	FSA PORTION OF FSID
708	(2C4)	SIGNED	2	RQPROC	PROCLIB USED FOR JOB
712	(2C8)	SIGNED	4	RQSYMT	SYMBOL TABLE POINTER
716	(2CC)	SIGNED	2	RQSTSIZE	SYMBOL TABLE SIZE
718	(2CE)	SIGNED	2	RQCIDEV1	RESERVED FOR DEVELOPMENT
720	(2D0)	CHARACTER	3	RQPERFRM	Performance group from the PERFORM parameter on the JOB statement
723	(2D3)	BITSTRING	1	RQCIFLG1	CI flag byte 0082

Comment

---------- 0
Definition of RQCIFLG1 0
---------- 0

End of Comment

		1...		RQCIBIG	"X'80'" Big user of JSAM buffers in 0082 C/I 0082
		.1..		RQCIRIO	"X'40'" A recovered I/O error occurred during C/I
		..1.		RQCISYSN	"X'20'" SYSIN JDS entry added in CI
		...1		RQCISYM	"X'10'" Batch job's CLASS specified 18588TAC SYSSYM=ALLOW and a symbol 18588TAA table sent to MVS C/I 18588TAA
		.... 1...		RQCIF108	"X'08'" Reserved for IBM 18588TAM
		.... .1..		RQCIF104	"X'04'" Reserved for IBM 18588TAM
		.... ..1.		RQCIF102	"X'02'" Reserved for IBM 18588TAM
		1		RQCIF101	"X'01'" Reserved for IBM 18588TAM 0082
724	(2D4)	SIGNED	4	RQCISRAC	SMS resource activity count
728	(2D8)	SIGNED	2	RQCIJDSB	JDS buffer number of the last entry added by CI
730	(2DA)	BITSTRING	6	RQCIRSRV	RESERVED FOR SERVICE
736	(2E0)	CHARACTER	8	RQCISYMN	Name of main whose symbol 18588TAA table was passed for this 18588TAA batch job's C/I step, 18588TAA needed for IAT4221 msg 18588TAA
744	(2E8)	BITSTRING	16	RQCIRSV2	Reserved for IBM 18588TAA
760	(2F8)	DBL WORD	8	RQCIEND (0)	END OF CI VARIABLE SECTION (END ON A DOUBLEWORD)
760	(2F8)	X'40'	0	RQCIVSIZ	"RQCIEND-RQCISTRT" SIZE OF CI VARIABLE SECTION

Comment

COMMON VARIABLE SECTION FOR ALL OTHER FUNCTIONS

End of Comment

496	(1F0)	DBL WORD	8	RQCMSTRT (0)	START OF COMMON VARIABLE USED FOR OTHER FUNCTIONS
496	(1F0)	SIGNED	4	RQCTIMON	FCT start time as HHMMSSts 18078TAC (signed-packed-decimal) 18078TAA
500	(1F4)	SIGNED	2	RQCDATON	FCT start date as DDDs 18078TAC (signed-packed-decimal) 18078TAA
502	(1F6)	SIGNED	2	RQCYERON	FCT start year as 0CYY 18078TAA
504	(1F8)	SIGNED	4	RQCMRDEV	RESERVED FOR DEVELOPMENT 18078TAC
508	(1FC)	SIGNED	4	RQCMRSRV	RESERVED FOR SERVICE
512	(200)	DBL WORD	8	RQCMEND (0)	END OF COMMON VARIABLE SECTION USED FOR ALL FUNCTIONS END ON A DOUBLEWORD)
512	(200)	X'10'	0	RQCMVSIZ	"RQCMEND-RQCMSTRT" SIZE OF COMMON VARIABLE SECTION USED FOR ALL OTHER FUNCTIONS

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		RESQUEUE SIZES --- CI RESQUEUE - CONSISTS OF THE FOLLOWING SECTIONS: (1) FIXED SECTION (2) OUTSERV VARIABLE SECTION - UNUSED EXCEPT FOR KEEPING THE OFFSETS THE SAME IN THE MDS SECTION (3) MDS VARIABLE SECTION - USED BY MDS FOR CATALOG SETUP (4) CI VARIABLE SECTION ---			
		End of Comment			
512	(200)	X'2F8'	0	RQCIRQSZ	"RQCIEND-RQSTART" CI RESQUEUE SIZE
		Comment			
		--- MAIN RESQUEUE - CONSISTS OF THE FOLLOWING SECTIONS: (1) FIXED SECTION (2) OUTSERV VARIABLE SECTION - USED FOR OUTPUT SERVICE SPINOFF PROCESSING WHILE THE JOB IS IN EXECUTION ON MAIN. (3) MDS VARIABLE SECTION (4) GMS VARIABLE SECTION ---			
		End of Comment			
512	(200)	X'318'	0	RQMNRQSZ	"RQGMSEND-RQSTART" MAIN SERVICE RESQUEUE SIZE
		Comment			
		--- OUTSERV RESQUEUE - CONSISTS OF THE FOLLOWING SECTIONS (1) FIXED SECTION (2) OUTSERV VARIABLE SECTION ---			
		End of Comment			
512	(200)	X'1F0'	0	RQOSRQSZ	"RQOSEND-RQSTART" OUTSERV RESQUEUE SIZE
		Comment			
		--- COMMON RESQUEUE FOR OTHER FUNCTIONS - CONSISTS OF THE FOLLOWING SECTIONS: (1) FIXED SECTION (2) OUTSERV VARIABLE SECTION - USED FOR OUTPUT SERVICE SPINOFF PROCESSING WHILE THE FUNCTION IS ACTIVE. (3) COMMON VARIABLE SECTION ---			
		End of Comment			
512	(200)	X'200'	0	RQCMRQSZ	"RQCMEND-RQSTART" COMMON RQ SIZE USED FOR ALL OTHER FUNCTIONS

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		---------- LARGEST RESQUEUE ----------			
		End of Comment			
792	(318)	X'318'	0	RQMAXSIZ	"*-RQSTART" SIZE OF LARGEST RESQUEUE

IATYRSQ Cross Reference

Name

RQABDSP
RQABEND
RQABTERM
RQACCCNT
RQACTDYN
RQACTIVE
RQAGER
RQALLOC
RQAPPC
RQARLADD
RQARMRJT
RQARMRST
RQARMSET
RQASID
RQASRFDB
RQASRFDW
RQATMACT
RQATMREQ
RQBDTSUB
RQBGRPID
RQBKINPR
RQBRKDWN
RQBSYDEV
RQBSYDTS
RQBSYVOL
RQCABND
RQCANARM
RQCANCL
RQCANCO
RQCANCP
RQCANCUR
RQCANDMP
RQCANDOM
RQCANLTR
RQCANTIM
RQCDATON
RQCGUAVL
RQCIBIG
RQCIDEV1
RQCIEDUP
RQCIEJCL
RQCIEND
RQCIEOPC
RQCIERR
RQCIFLG1

Name

RQCIFSSB
RQCIF101
RQCIF102
RQCIF104
RQCIF108

RQCIJDSB
RQCIRAB
RQCIRGN
RQCIRIO
RQCIRQSZ

RQCIRSRV
RQCIRSV2
RQCISRAC
RQCISTRT
RQCISYM

RQCISYMN
RQCISYSN
RQCITYPE
RQCIVSIZ
RQCLRTM

RQCMEND
RQCMPLT
RQCMRDEV
RQCMRQSZ
RQCMRSRV

RQCMSTRT
RQCMTYPE
RQCMVSIZ
RQCNSTDN
RQCSDN

RQCTIMON
RQCTLEN
RQCTOKEN
RQCUX61
RQCYERON

RQDAREQ
RQDATEON
RQDCHFCT
RQDCHLCK
RQDEMSEL

RQDEVCTD
RQDEVCTJ
RQDFPDG
RQDJACT
RQDJCABN

RQDJCFLG
RQDJCHLD
RQDJCJOB
RQDJCNS
RQDJCOPH

RQDJCREL
RQDJCSC
RQDJCSUP
RQDM556
RQDM673

RQDM676
RQDM754T
RQDM756
RQDONE
RQDSCNT

Name

RQDSEL
RQDSERTM
RQDSESUF
RQDSIPL
RQDSNCTD
RQDSNCTJ
RQDSPAB
RQDSPLY
RQDSPNO
RQDSPOP
RQDSPRC
RQDSTAT
RQDSWAIT
RQDVWAIT
RQDYACHN
RQDYALOC
RQDYALRC
RQDYFLAG
RQDYFLG1
RQDYFLG2
RQDYFLG3
RQDYFLG4
RQDYFTCH
RQDYINDX
RQDYJFDB
RQDYNPR
RQDYNSTP
RQDYODRC
RQDYPCAT
RQDYR101
RQDYR301
RQDYR302
RQDYR304
RQDYR308
RQDYR340
RQDYVMNT
RQDYWADS
RQDYWADV
RQDYWAVL
RQEFBAD
RQEFWAIT
RQENFPST
RQERROR
RQE70NQI
RQFCTAD
RQFCTEF
RQFDALIN
RQFETCH
RQFLFS01
RQFLFS02
RQFLFS04
RQFLFS08
RQFLFS10
RQFLFS20
RQFLG1
RQFLG10
RQFLG11
RQFLG12
RQFLG13
RQFLG2

Name

RQFLG3
RQFLG4
RQFLG5
RQFLG6
RQFLG7
RQFLG8
RQFLG804
RQFLG9
RQFL1301
RQFREND
RQFSAID
RQFSFLG
RQFSID
RQFSIZE
RQFSS
RQFSSCI
RQFSSID
RQFXEND
RQGETMFL
RQGMQPOS
RQGMSEND
RQGMSSIZ
RQGMSTRT
RQGRPCHN
RQGRPPRV
RQGRPRTY
RQGRPSEQ
RQGRSVS1
RQGRSVS2
RQGRSVS3
RQHARD
RQHIGHIO
RQHOLD
RQIEND
RQIETYPE
RQIHOLD
RQIIJSAM
RQIIRES
RQINDEX
RQINJBID
RQINTCSP
RQINTWT
RQINTXCF
RQIORATE
RQIPLACT
RQISFAIL
RQISOMAR
RQISTART
RQISTYPE
RQJAGIUS
RQJASIUS
RQJBHLD
RQJCLASS
RQJCTPTY
RQJDATE
RQJDBFDB
RQJDJETC
RQJDJETP
RQJDOBLD
RQJDRS01

Name

RQJDRS02
RQJDRS04
RQJDRS08
RQJDRS10
RQJDRS20

RQJDSBOP
RQJDSCT
RQJDSEDO
RQJDSFCT
RQJDSFDB

RQJDSHEN
RQJDSOFF
RQJDSPRG
RQJDSPTR
RQJDSREC

RQJESRQ
RQJFAIL
RQJJCLLM
RQJMDCDP
RQJMDFNC

RQJMDGMS
RQJMDHLD
RQJMDMDP
RQJMDOFF
RQJMDRGN

RQJMDROI
RQJMDRSC
RQJMDRST
RQJMDRSU
RQJMDSCN

RQJMDSMS
RQJMGOFF
RQJMGPWL
RQJMJLNS
RQJMRFDB

RQJMSEUD
RQJMSEUN
RQJMSGLK
RQJNGIST
RQJNSIST

RQJNUM
RQJOBNAM
RQJOBNO
RQJOBTAT
RQJOBTK

RQJPURG
RQJQEADD
RQJRNL
RQJSARMH
RQJSCAN

RQJSDJCH
RQJSDUPJ
RQJSMCGU
RQJSNDSP
RQJSNRM

RQJSOPRH
RQJSPTYH
RQJSRSK
RQJSS
RQJSSPLH

Name

RQJSSPR
RQJSTAT
RQJSTCT
RQJSTDYN
RQJSTFDB
RQJSTLJB
RQJSTNWF
RQJXCLAS
RQJXDJCH
RQJXHOLD
RQJXIORT
RQJXLSPN
RQJXMAIN
RQJXMAXJ
RQJXMAXW
RQJXMDEP
RQJXMGMN
RQJXMLMT
RQJXMNLV
RQJXMNOF
RQJXONMN
RQJXPMIX
RQJXRCNS
RQJXSEUD
RQJXSEUN
RQJXSRVM
RQJXSTOR
RQJXTDPT
RQJXTLIM
RQJXWLRC
RQJXWSPL
RQJXW522
RQJXZERO
RQLMITMN
RQLOCATE
RQLOCMN
RQLOWIO
RQLREGON
RQLRL10
RQMAINS
RQMAXB
RQMAXC
RQMAXCC
RQMAXL
RQMAXNDX
RQMAXP
RQMAXRC
RQMAXSIZ
RQMDALER
RQMDBKER
RQMDBRSV
RQMDBYRS
RQMDCTLG
RQMDERR
RQMDERRQ
RQMDFAIL
RQMDFCB
RQMDFLG1
RQMDFLG2
RQMDFLG3

Name

RQMDFLG4
RQMDFLG5
RQMDFLG6
RQMDFLSF
RQMDFNC
RQMDFVFY
RQMDINCL
RQMDINCR
RQMDIUV
RQMDJERR
RQMDMNT
RQMDNFNC
RQMDNOBF
RQMDPUTF
RQMDRL
RQMDRSTE
RQMDSABN
RQMDSDJS
RQMDSDP0
RQMDSDV1
RQMDSDV2
RQMDSEND
RQMDSJMR
RQMDSJMS
RQMDSJST
RQMDSLCT
RQMDSREQ
RQMDSRS
RQMDSRST
RQMDSRSV
RQMDSRS1
RQMDST
RQMDSTRT
RQMDSVSZ
RQMDS101
RQMDS102
RQMDS104
RQMDS108
RQMDS110
RQMDVFYE
RQMDVUNV
RQMDYACT
RQMDYJST
RQMDYNQ
RQMD3R80
RQMD4R04
RQMD4R08
RQMEDIO
RQMINLV
RQMNAM
RQMNETID
RQMNRQSZ
RQMNTYPE
RQMPIPL
RQMPLAST
RQMPSEQ
RQMREQ01
RQMREQ02
RQMRSVS1
RQMRSVS2

Name

RQMRSVS3
RQMSARIV
RQMSFL1
RQMSFL2
RQMSGRSV
RQMSVD
RQMVSTSO
RQMVTSIZ
RQMXAB
RQMXCDE
RQMXIND
RQNAME
RQNDEX
RQNETSRV
RQNEW
RQNEWAV
RQNEXT
RQNFYIPL
RQNJESF
RQNJESN
RQNJETCP
RQNOCAN
RQNODE
RQNOJLG
RQNOMPL
RQNOSPN
RQNOSUB
RQNSRQJ
RQNSTDGP
RQNSTEP
RQOLD
RQONMAIN
RQOPRCNT
RQORGDEF
RQOSACT
RQOSBUSY
RQOSCLNP
RQOSDCNT
RQOSDMAX
RQOSDRUP
RQOSEBF4
RQOSEBY
RQOSECT4
RQOSEFDB
RQOSEIOE
RQOSELIM
RQOSEND
RQOSESUP
RQOSFLG1
RQOSF101
RQOSF102
RQOSF104
RQOSMF26
RQOSRQSZ
RQOSRSRV
RQOSRSV2
RQOSRSV3
RQOSSCHN
RQOSSCT
RQOSSTOP

Name

RQOSSTRT
RQOSSWS
RQOSTYPE
RQOSVSIZ
RQOSWAIT
RQOTREQ
RQOUSID
RQOUTPT
RQOUTQUE
RQPERFRM
RQPFSAID
RQPFSSID
RQPOE
RQPOSTCN
RQPREV
RQPRFSID
RQPROC
RQPRONLY
RQPRTY
RQPSCBAT
RQPSCDSL
RQPSTPSO
RQPURGE
RQPURGP
RQRCEAD
RQRECLAS
RQREGFS
RQREGLG
RQREQEND
RQREQLEN
RQREQST
RQRESTRT
RQRJPJB
RQRQJID
RQRQMVNA
RQRSCNS
RQRSRVD2
RQRSRVD4
RQRSTAL
RQRSTCI
RQRSTOS
RQRSVD2
RQRSVD4
RQRSVD6
RQRSVD7
RQRSVU
RQRUNCMD
RQS
RQSAMNAM
RQSAPI
RQSAPSEE
RQSBOWN
RQSCHEMM
RQSCHENV
RQSCHSPA
RQSCRREF
RQSCTOD
RQSECBL
RQSELECT
RQSELWLM

Name

RQSESEQ
RQSETUP
RQSETVER
RQSLINE
RQSMSCN
RQSMSERR
RQSMSMDS
RQSMSRL
RQSMSRSC
RQSMSVLE
RQSOMAR
RQSPFLG
RQSPFL1
RQSPIN
RQSPINJN
RQSPMS
RQSPNCH
RQSPNCHN
RQSPNDX
RQSPNPRV
RQSPNREQ
RQSPRST
RQSPT1MS
RQSPT2MS
RQSPVLU
RQSRSERV
RQSRVCIP
RQSRVCLQ
RQSRVCLS
RQSRVCMD
RQSRVUPN
RQSTART
RQSTEPNM
RQSTIMD
RQSTIMI
RQSTPNO
RQSTRKG1
RQSTRKG2
RQSTSIZE
RQSUDAO
RQSUPRS
RQSVRES
RQSWTRCT
RQSYMT
RQSYSSEL
RQSYSTEM
RQSYSVER
RQTAREQ
RQTCPMAP
RQTERM
RQTGRPI
RQTGRPMP
RQTIMEON
RQTKNAD
RQTOKEN
RQTSOCAN
RQTUSID
RQTYPE
RQUSRJB
RQVERIFY

Name

RQVFYCNT
RQVFYPDG
RQVLACTD
RQVLACTJ
RQVLFCTD
RQVLFCTJ
RQVLMONT
RQVOLUAV
RQVOLWT
RQVSREQ
RQVS2SIZ
RQVUREQ
RQWISEQ
RQWLMCTK
RQWSIMAX
RQWSIRST
RQWSRMTK
RQWTR
RQWTRCH
RQWTRCHN
RQWTRPRV
RQXBKHLD
RQYEARON

IATYRWA Information

IATYRWA Heading Information

Common Name: RJP Work Area
Macro ID: IATYRWA
DSECT Name: RWASTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: NONE
Storage Attributes: Main Storage: Any
Size: 200 bytes
Created by: IATRJPC
Pointed to by: R13 in IATRJPC
Serialization: NONE
Function: Maps the work area for the RJPCONS FCT, IATRJPC.

IATYRWA Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	RWASTART	
0	(0)	CHARACTER	4	RWAID	Work area id
4	(4)	ADDRESS	4	RWAMDB	Address of MDB CADS buffer
8	(8)	SIGNED	4	RWAMDBLN	Length of MDB CADS buffer
12	(C)	ADDRESS	4	RWAALET	MDB ALET
16	(10)	ADDRESS	4	RWARMEA	RME Anchor from RJGR "MDBR"
20	(14)	CHARACTER	8	RWANAME	RJP workstation name
28	(1C)	CHARACTER	8	RWATYPE	RJP workstation type
36	(24)	BITSTRING	1	RWALNLEN	Line length
37	(25)	BITSTRING	1	RWARSVD1	Reserved for service
38	(26)	BITSTRING	1	RWAFLAG1	Flag byte 1
		Comment			

		Flag byte 1 definition.			

		End of Comment			
		1...		RWARCERR	"X'80'" Recursion flag
		.1..		RWABSC	"X'40'" Message for BSC RJP
		..1.		RWASWTCH	"X'20'" Console switch flag
		...1		RWAAWAIT	"X'10'" Time to force AWAIT
		.... 1...		RWASVMSG	"X'08'" Msg s/b saved if offline
		.... .1..		RWAARMD	"X'04'" Show in AR mode
		.... ..1.		RWAJGETM	"X'02'" Show RWA storage obtained in JESTAE retry routine
		Comment			
		EQU X'01' Reserved for service			
		End of Comment			
39	(27)	BITSTRING	1	RWAFLAG2	Flag byte 2

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

				Flag byte 2 definition.	

				EQU X'80' Reserved for service	
				EQU X'40' Reserved for service	
				EQU X'20' Reserved for service	
				EQU X'10' Reserved for service	
				EQU X'08' Reserved for service	
				EQU X'04' Reserved for service	
				EQU X'02' Reserved for service	
				EQU X'01' Reserved for service	
				End of Comment	
40	(28)	SIGNED	4	RWARETCD	Return code savearea (GROCO)
44	(2C)	SIGNED	4	RWAREACD	Reason code savearea (GROCO)
48	(30)	SIGNED	4	RWAMRTCD	Return code savearea (RJGR)
52	(34)	SIGNED	4	RWAMRACD	Reason code savearea (RJGR)
56	(38)	SIGNED	4	(0)	Parmlist Alignment
56	(38)	BITSTRING	12	RWAXPARM (0)	Parameter list for call to IATGROCO (IXZXCNSV)
56	(38)	SIGNED	4	RWAPARM1	MDB pointer
60	(3C)	SIGNED	4	RWAPARM2	ALET pointer
64	(40)	SIGNED	4	RWAPARM3	Data Area pointer
68	(44)	SIGNED	4	(0)	
68	(44)	BITSTRING	8	RWARJGRP	IATRJGR Module Parameter List
76	(4C)	SIGNED	4	(0)	
76	(4C)	BITSTRING	20	RWAMSGPM	Parameter list for message conversion routine ("TXTF" operation of IATRJGR)
96	(60)	SIGNED	4	(0)	
96	(60)	BITSTRING	12	RWAMDBRP	Parameter list for MDB Release CADs buffer(s) ("MDBR" operation of IATRJGR)
108	(6C)	SIGNED	4	RWARSVD2 (2)	Reserved for service
116	(74)	SIGNED	4	RWAS1END (0)	
116	(74)	X'70'	0	RWAS1SIZ	"RWAS1END-RWAMDB" Length of area to clear for newly obtained chained MDB
116	(74)	SIGNED	4	RWARSVD3 (2)	Reserved for service
124	(7C)	SIGNED	2	RWAQCNT	Number of MDBs processed from JESXCF without giving up control
126	(7E)	BITSTRING	1	RWAFLAG3	Flag byte 3
				Comment	

				Flag byte 3 definition.	

				End of Comment	
		1...		RWABSCWQ	"X'80'" BSC work queued
		.1..		RWASNAWQ	"X'40'" SNA work queued
				Comment	
				EQU X'20' Reserved for service	
				EQU X'10' Reserved for service	
				EQU X'08' Reserved for service	
				EQU X'04' Reserved for service	
				EQU X'02' Reserved for service	
				EQU X'01' Reserved for service	

				Failure Flag	

				End of Comment	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
127	(7F)	BITSTRING	1	RWAFTYPE	Failure type
127	(7F)	X'80'	0	RWAFDSP	"FSWFDSP" FAILDSP macro call
127	(7F)	X'40'	0	RWAABEND	"FSWABEND" System abend failure
127	(7F)	X'20'	0	RWAPGMCK	"FSWPGMCK" Program check failure
127	(7F)	X'10'	0	RWAUABND	"FSWUABND" User abend failure
127	(7F)	X'8'	0	RWAAUXAB	"FSWAUXAB" IATAUX Task failure
128	(80)	CHARACTER	5	RWAABXXX	FAILDSP EBCDIC dump code
133	(85)	BITSTRING	1	RWARSVD4 (3)	Reserved for service
136	(88)	SIGNED	4	RWAS2END (0)	
136	(88)	X'84'	0	RWAS2SIZ	"RWAS2END-RWAMDB" Length of area to clear after JESXCF POST or POSTING of BSC/SNA RJP
136	(88)	SIGNED	4	RWARSVD5 (2)	Reserved for service
144	(90)	SIGNED	4	RWAINFLN	Size of JESXCF info-record data area to AGETMAIN
148	(94)	ADDRESS	4	RWAINFAD	Address of AGETMAINed JESXCF info-record data area
152	(98)	CHARACTER	4	RWAMDBTK	MDB group token
156	(9C)	SIGNED	4	RWATMVAL	1 second timer value
160	(A0)	SIGNED	2	RWAQMAX	Max number of MDBs obtained from JESXCF before giving up control
162	(A2)	SIGNED	2	RWARSVD6	Reserved for service

Comment

Internal trace to provide footprints of RJPC processing.

End of Comment

164	(A4)	BITSTRING	248	RWATRACE	Internal trace
164	(A4)	X'A'	0	RWAC1000	"10" Trace element
164	(A4)	X'B'	0	RWAC1100	"11" Trace element
164	(A4)	X'14'	0	RWAC2000	"20" Trace element
164	(A4)	X'1E'	0	RWAC3000	"30" Trace element
164	(A4)	X'28'	0	RWAC4000	"40" Trace element
164	(A4)	X'29'	0	RWAC4100	"41" Trace element
164	(A4)	X'32'	0	RWAC5000	"50" Trace element
164	(A4)	X'33'	0	RWAC5100	"51" Trace element
164	(A4)	X'34'	0	RWAC5200	"52" Trace element
164	(A4)	X'35'	0	RWAC5300	"53" Trace element
164	(A4)	X'36'	0	RWAC5400	"54" Trace element
164	(A4)	X'37'	0	RWAC5500	"55" Trace element
164	(A4)	X'50'	0	RWAC8000	"80" Trace element
164	(A4)	X'64'	0	RWAJSTAE	"100" Trace element
164	(A4)	X'78'	0	RWAJRTRY	"120" Trace element
164	(A4)	X'4'	0	RWASWCDE	"4" Console switch reason code

Comment

List form of the ATIME macro.

NAPTIME ATIME MF=L ATIME list form
$SL= z1.7.0 HJS7720 050107 PD0TN: z 1.7.0

End of Comment

412	(19C)	SIGNED	4	(0)	ALIGNMENT
412	(19C)	BITSTRING	4	NAPTIME	ID
416	(1A0)	SIGNED	4		TIME OR TOD VALUE
420	(1A4)	ADDRESS	4		ECF OR ENTER ADDRESS
424	(1A8)	ADDRESS	1		FLAG BYTE1
425	(1A9)	ADDRESS	1		FLAG BYTE2
426	(1AA)	ADDRESS	1		ECF MASK FOR POST REQUEST
427	(1AB)	ADDRESS	1		Flag byte 3
428	(1AC)	ADDRESS	4		FCT ADDRESS
432	(1B0)	SIGNED	4	RWAEND (0)	

IATYRWA Cross Reference

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
432	(1B0)	X'1B0'	0	RWASIZE	"RWAEND-RWASTART" Length of RWA data area

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	PARMLIST	
0	(0)	CHARACTER	8	CONSNAME	
8	(8)	BITSTRING	1	CONSFLAG	
		1...		LASTENTR	"X'80'"
		.1..		ALERTCON	"X'40'"
		..1.		RELIEF	"X'20'"
9	(9)	BITSTRING	1	CONSTYPE	
9	(9)	X'1'	0	BSCTYPE	"1"
9	(9)	X'2'	0	SNATYPE	"2"
10	(A)	BITSTRING	2	CONSRSVD	
10	(A)	X'C'	0	PARMLEN	"*-PARMLIST"

IATYRWA Cross Reference

Name

ALERTCON
BSCTYPE
CONSFLAG
CONSNAME
CONSRSVD

CONSTYPE
LASTENTR
NAPTIME
PARMLEN
PARMLIST

RELIEF
RWAABEND
RWAABXXX
RWAALET
RWAARMD

RWAAUXAB
RWAAWAIT
RWABSC
RWABSCWQ
RWAC1000

RWAC1100
RWAC2000
RWAC3000
RWAC4000
RWAC4100

RWAC5000
RWAC5100
RWAC5200
RWAC5300
RWAC5400

RWAC5500
RWAC8000
RWAEND
RWAFDSP
RWAFLAG1

RWAFLAG2
RWAFLAG3
RWAFTYPE
RWAID
RWAINFAD

Name

RWAINFLN
RWAJGETM
RWAJRTRY
RWAJSTAE
RWALNLEN

RWAMDB
RWAMDBLN
RWAMDBRP
RWAMDBTK
RWAMRACD

RWAMRTCD
RWAMSGPM
RWANAME
RWAPARM1
RWAPARM2

RWAPARM3
RWAPGMCK
RWAQCNT
RWAQMAX
RWARCERR

RWAREACD
RWARETCD
RWARJGRP
RWARMEA
RWARSVD1

RWARSVD2
RWARSVD3
RWARSVD4
RWARSVD5
RWARSVD6

RWASIZE
RWASNAWQ
RWASTART
RWASVMSG
RWASWCDE

RWASWTCH
RWAS1END
RWAS1SIZ
RWAS2END
RWAS2SIZ

RWATMVAL
RWATRACE
RWATYPE
RWAUABND
RWAXPARM

SNATYPE

IATYSCB Information

IATYSCB Programming Interface information

Programming Interface information

IATYSCB

End of Programming Interface information

IATYSCB Heading Information

Common Name: JESTAE CONTROL BLOCK
Macro ID: IATYSCB
DSECT Name: SCBSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Space for one SCB is defined within each FCT entry and each SAVCHAIN entry (IATYSAV). Additional SCB's are GETMAINED from JES3 private area SUBPOOL 0.
Virtual Storage: Private Any
Auxiliary Storage: N/A
Subpool: 0
Key: 1
Residency: Any
Size: 16 Bytes
Created by: IATABMN
Pointed to by: SCBLAST (IATYSCB)
Serialization: N/A
Function: This control block stores JES3 JESTAE information

IATYSCB Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	SCBSTART	
0	(0)	SIGNED	4	SCBLAST	- ADDRESS OF LAST JESTAE CONTROL BLOCK
4	(4)	SIGNED	4	SCBEXIT	- JESTAE EXIT ROUTINE ADDRESS
8	(8)	SIGNED	4	SCBPARAM	- JESTAE PARAM LIST ADDRESS
12	(C)	SIGNED	4	SCBSYMEX	- JESTAE SYMPTOM EXIT ADDRESS
16	(10)	SIGNED	4	SCBEND (0)	- END OF JESTAE CONTROL BLOCK
16	(10)	BITSTRING	1	SCBSIZE (0)	SIZE OF SCB = L'SCBSIZE

IATYSDA Information

IATYSDA Heading Information

Common Name: JES3 Statistics Data Area
Macro ID: IATYSDA
DSECT Name: SDASTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: SDA
Offset: 0
Length: 4
Storage Attributes: Main Storage: Any
Subpool: 241
Key: 1
Size: SDASIZE bytes
Created by: Issuer of IATXSTAT INITIALIZE
Pointed to by: SVTSDA in IATYSVT
SDAHINIT in IATYSDA
SDAHRSTR in IATYSDA
SDAHOUTS in IATYSDA
SDAHWLM in IATYSDA
SDAHUSR1 in IATYSDA
SDAHUSR2 in IATYSDA
SDAHUSR3 in IATYSDA
SDAHUSR4 in IATYSDA
SDAHUSR5 in IATYSDA
Serialization: NONE
Function: This macro maps the JES3 Statistics Data Area (SDA) that is used to collect information about different functions and events in JES3 (e.g. the amount of time spent in a particular phase of initialization). The SDA consists of a header and multiple function dependent extensions pointed to out of the header. The function dependent extensions contain information that is specific to a particular function (e.g. all initialization related information).

IATYSDA Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	SDAHSTRT	, Statistics Data Area Header
0	(0)	CHARACTER	4	SDAHID	Control Block Id
Comment					

JES3 function specific SDA extension pointers.					

End of Comment					
4	(4)	SIGNED	4	SDAHXSTR (0)	Start of function specific SDA extension pointers
4	(4)	ADDRESS	4	SDAHINIT	Address of SDA entry for initialization related information
8	(8)	ADDRESS	4	SDAHRSTR	Address of SDA entry for restart (connect) related information information
12	(C)	ADDRESS	4	SDAHOUTS	Address of SDA entry for output service related information information
16	(10)	ADDRESS	4	SDAHWLM	Address of SDA entry for Workload manager related information information
20	(14)	ADDRESS	4	SDAHRSVD (19)	Reserved for development

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

				User related SDA extension pointers.	

				End of Comment	
96	(60)	ADDRESS	4	SDAHUSR1	Address of SDA entry for user-1 related information
100	(64)	ADDRESS	4	SDAHUSR2	Address of SDA entry for user-2 related information
104	(68)	ADDRESS	4	SDAHUSR3	Address of SDA entry for user-3 related information
108	(6C)	ADDRESS	4	SDAHUSR4	Address of SDA entry for user-4 related information
112	(70)	ADDRESS	4	SDAHUSR5	Address of SDA entry for user-5 related information
116	(74)	ADDRESS	4	SDAHRSVU (5)	Reserved for user
				Comment	

				Total number of function specific SDA extension pointers.	

				End of Comment	
136	(88)	ADDRESS	4	SDAHXEND (0)	End of pointers
136	(88)	X'21'	0	SDAHXCNT	"(SDAHXEND-SDAHXSTR)/4" Number of pointers
136	(88)	DBL WORD	8	SDAHEND (0)	End of SDA Header
136	(88)	X'88'	0	SDAHSIZE	"SDAHEND-SDAHSTRT" Size of SDA Header

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SDAENTRY	, Statistics Data Area Entry
0	(0)	CHARACTER	4	SDAID	Control Block Id
4	(4)	SIGNED	2	SDAVERSN	Version number
6	(6)	SIGNED	2	SDAERSV1	Reserved for development
8	(8)	SIGNED	4	SDADLEN	Length of data entry including fixed portion
12	(C)	CHARACTER	32	SDADESC	Function description
44	(2C)	SIGNED	4	SDAERSV2 (5)	Reserved for development
64	(40)	DBL WORD	8	SDAFEND (0)	End of SDA fixed entry
64	(40)	X'40'	0	SDAFSIZE	"SDAFEND-SDAENTRY" Size of SDA fixed entry
				Comment	
				Function Dependent Data. This data follows the end of the fixed portion of the SDA entry. Statistics Data Area Entry for Initialization Related Information 01 Change Activity: $RW=WLMBATCH HJS6608 980518 PD0DR: OS 2.8.0 Storage Location and Version Information.	
				End of Comment	
64	(40)	X'1'	0	SDA_INIT_SLOC_PRIVATE	"1" Data located in JES3 private
64	(40)	X'1'	0	SDA_INIT_VERSION1	"1" Initial version
64	(40)	X'1'	0	SDA_INIT_CURRENT_VERSION	"SDA_INIT_VERSION1" Current version number
				Comment	
				JES3 Initialization Specific Information.	
				End of Comment	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
64	(40)	DBL WORD	8	SDA_INIT (0)	Start of function specific information
				Comment	
				JES3 Initialization Options.	
				End of Comment	
64	(40)	BITSTRING	1	SDA_INIT_START_TYPE	JES3 start type. See field TVRSTFLG for the flag definitions.
65	(41)	BITSTRING	1	SDA_INIT_SPOOL_STATUS	Spool status (see field TVTSPFLG for the flag definitions.
				Comment	
				JES3 Initialization Time Stamps.	
				End of Comment	
72	(48)	DBL WORD	8	SDA_INIT_TIMES (0)	Align time stamps on a doubleword boundary
				Comment	
				---------- JES3 Initialization Times. This represents the time from when the IATNUC task gets control in IATINIT to the time the IAT3100 JES3 start message is issued. ----------	
				End of Comment	
72	(48)	DBL WORD	8	SDA_INIT_START_TIME	Start time
80	(50)	DBL WORD	8	SDA_INIT_END_TIME	End time
				Comment	
				---------- JES3 I/O Statement Processing Times (IATINIC). This is a subset of the JES3 initialization time. It includes not only the time to process the I/O related initialization statements, but the time to open JES3 data sets such as JES3IN, and the time to determine the addresses of the JES3 LPA modules. ----------	
				End of Comment	
88	(58)	DBL WORD	8	SDA_INIT_IOSTMT_START_TIME	Start time
96	(60)	DBL WORD	8	SDA_INIT_IOSTMT_END_TIME	End time
				Comment	
				---------- JCT Initialization Times (IATINJQ). This is a subset of the JES3 initialization time. ----------	
				End of Comment	
104	(68)	DBL WORD	8	SDA_INIT_JCT_START_TIME	Start time
112	(70)	DBL WORD	8	SDA_INIT_JCT_END_TIME	End time

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

				Single Track Table Initialization Times (IATINST).	
				This is a subset of the JES3 initialization time.	

				End of Comment	
120	(78)	DBL WORD	8	SDA_INIT_STT_START_TIME	Start time
128	(80)	DBL WORD	8	SDA_INIT_STT_END_TIME	End time
				Comment	

				Job Validation Times (IATINJR).	
				This is a subset of the JES3 initialization time.	

				End of Comment	
136	(88)	DBL WORD	8	SDA_INIT_JOBVAL_START_TIME	Start time
144	(90)	DBL WORD	8	SDA_INIT_JOBVAL_END_TIME	End time
				Comment	

				Initialization Statement Processing Times (IATINCD).	
				This is a subset of the JES3 initialization time.	

				End of Comment	
152	(98)	DBL WORD	8	SDA_INIT_INITSTMT_START_TIME	Start time
160	(A0)	DBL WORD	8	SDA_INIT_INITSTMT_END_TIME	End time
				Comment	

				Control Block Build Phase Times (IATINGN).	
				This is a subset of the JES3 initialization time.	

				End of Comment	
168	(A8)	DBL WORD	8	SDA_INIT_CBBUILD_START_TIME	Start time
176	(B0)	DBL WORD	8	SDA_INIT_CBBUILD_END_TIME	End time
				Comment	

				RJP Initialization Phase Times.	
				This is a subset of the control block build time.	

				End of Comment	
184	(B8)	DBL WORD	8	SDA_INIT_RJP_START_TIME	Start time
192	(C0)	DBL WORD	8	SDA_INIT_RJP_END_TIME	End time

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

				SUPUNITS Initialization Phase Times.	
				This is a subset of the control block build time.	

				End of Comment	
200	(C8)	DBL WORD	8	SDA_INIT_SUPUNITS_START_TIME	Start time
208	(D0)	DBL WORD	8	SDA_INIT_SUPUNITS_END_TIME	End time
				Comment	

				Main Initialization Phase Times (IATINM2).	
				This is a subset of the control block build time.	

				End of Comment	
216	(D8)	DBL WORD	8	SDA_INIT_MAIN_START_TIME	Start time
224	(E0)	DBL WORD	8	SDA_INIT_MAIN_END_TIME	End time
				Comment	

				WLM Initialization Phase Times (IATINWLM)	
				This is a subset of the control block build time.	

				End of Comment	
232	(E8)	DBL WORD	8	SDA_INIT_WLM_START_TIME	Start time
240	(F0)	DBL WORD	8	SDA_INIT_WLM_END_TIME	End time
				Comment	

				MDS Initialization Phase Times (IATINMD).	
				This is a subset of the control block build time.	

				End of Comment	
248	(F8)	DBL WORD	8	SDA_INIT_MDS_START_TIME	Start time
256	(100)	DBL WORD	8	SDA_INIT_MDS_END_TIME	End time
				Comment	

				Vary Initialization Phase Times (IATINVR).	
				This is a subset of the control block build time.	

				End of Comment	
264	(108)	DBL WORD	8	SDA_INIT_VARY_START_TIME	Start time
272	(110)	DBL WORD	8	SDA_INIT_VARY_END_TIME	End time

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

				Consoles Initialization Phase Times (IATINC2).	
				This is a subset of the control block build time.	

				End of Comment	
280	(118)	DBL WORD	8	SDA_INIT_CONSOLES_START_TIME	Start time
288	(120)	DBL WORD	8	SDA_INIT_CONSOLES_END_TIME	End time
				Comment	

				JSS Restart Times (IATINJS).	
				This is a subset of the JES3 initialization time.	

				End of Comment	
296	(128)	DBL WORD	8	SDA_INIT_JSSREST_START_TIME	Start time
304	(130)	DBL WORD	8	SDA_INIT_JSSREST_END_TIME	End time
				Comment	
				JCT Data Set Information.	
				End of Comment	
312	(138)	SIGNED	4	SDA_INIT_JCT_LOWREC	Low record number in the JCT data set
316	(13C)	SIGNED	4	SDA_INIT_JCT_HIGHREC	High record number in the JCT data set
320	(140)	SIGNED	4	SDA_INIT_JCT_VALREC	Last record number in JCT data set that contains a job
324	(144)	SIGNED	2	SDA_INIT_JCT_RECTRK	Number of JCT records per track
				Comment	
				Job Validation Information.	

				Job counts.	

				End of Comment	
328	(148)	SIGNED	4	SDA_INIT_TOTAL_JOBS	Total number of jobs in the queue
332	(14C)	SIGNED	4	SDA_INIT_DJC_JOBS	Total number of DJC jobs in the queue
336	(150)	SIGNED	4	SDA_INIT_MAIN_JOBS	Total number of jobs active in the main scheduler element
340	(154)	SIGNED	4	SDA_INIT_OUTSERV_JOBS	Total number of jobs active in the output service scheduler element
344	(158)	SIGNED	4	SDA_INIT_OTHER_JOBS	Total number of jobs active in some other scheduler element

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- Job Validation I/O Services (IATXVIO) Information. ----------	
				End of Comment	
348	(15C)	SIGNED	4	SDA_INIT_XVIO_INITIATE_COUNT	The number of IATXVIO INITIATE requests that were issued where I/O needed to be initiated
352	(160)	SIGNED	4	SDA_INIT_XVIO_BUFFER_COUNT	The number of buffers that were read or written using IATXVIO services
356	(164)	SIGNED	4	SDA_INIT_XVIO_IATXSIO_COUNT	The number of IATXSIO's that were issued
				Comment	
				---------- Control Block Counts. ----------	
				End of Comment	
360	(168)	SIGNED	4	SDA_INIT_JDAB_READS	The number of JDAB buffers that were read
364	(16C)	SIGNED	4	SDA_INIT_JDAB_WRITES	The number of JDAB buffers that were written
368	(170)	SIGNED	4	SDA_INIT_JMR_READS	The number of JMR buffers that were read
372	(174)	SIGNED	4	SDA_INIT_JMR_WRITES	The number of JMR buffers that were written
376	(178)	SIGNED	4	SDA_INIT_JDS_READS	The number of JDS buffers that were read
380	(17C)	SIGNED	4	SDA_INIT_JDS_WRITES	The number of JDS buffers that were written
384	(180)	SIGNED	4	SDA_INIT_TAT_READS	The number of TAT buffers that were read
388	(184)	SIGNED	4	SDA_INIT_JCT_WRITES	The number of JCT buffers that were written
392	(188)	SIGNED	4	SDA_INIT_DSTAT_COUNT	The number of data set TATs that were processed. This count represents the number of JDS entries that contain a data set TAT, NOT the number of data set TAT buffers.
				Comment	
				Miscellaneous Statistics.	
				End of Comment	
396	(18C)	SIGNED	4	SDA_INIT_LPAMOD_COUNT	The number of LPA modules that changed during a restart without IPL
				Comment	
				End of function specific data.	
				End of Comment	
400	(190)	DBL WORD	8	SDA_INIT_END (0)	End of function specific data
400	(190)	X'150'	0	SDA_INIT_FSPEC_SIZE	"SDA_INIT_END-SDA_INIT" Size of function specific data
400	(190)	X'190'	0	SDA_INIT_TOTAL_SIZE	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
					"SDA_INIT_FSPEC_SIZE+SDAFSIZE" Total size of SDA entry (fixed and function specific data)
				Comment	
				Statistics Data Area Entry for Restart (Connect) Related Information 01 Change Activity: $R0=RSTPERF HJS6604 951101 PD0DR: OS 2.4.0 Storage Location and Version Information.	
				End of Comment	
400	(190)	X'1'	0	SDA_RESTART_SLOC_PRIVATE	"1" Data located in JES3 private
400	(190)	X'1'	0	SDA_RESTART_VERSION1	"1" Initial version
400	(190)	X'1'	0	SDA_RESTART_CURRENT_VERSION	"SDA_RESTART_VERSION1" Current version number
				Comment	
				Start of Restart Specific Information.	
				End of Comment	
64	(40)	DBL WORD	8	SDA_RESTART (0)	Start of function specific information
				Comment	
				S,JSS Time. Before MDS restart or connect can occur, S,JSS must be issued.	
				End of Comment	
64	(40)	DBL WORD	8	SDA_RESTART_START_JSS_TIME	*S,JSS time
				Comment	
				MDS Restart Information. MDS restart occurs only on the JES3 global processor and must complete before connect can occur.	
				End of Comment	
72	(48)	DBL WORD	8	SDA_RESTART_MDSREST_START_TIME	Start time
80	(50)	DBL WORD	8	SDA_RESTART_MDSREST_END_TIME	End time
88	(58)	SIGNED	4	SDA_RESTART_MDSREST_JOB_COUNT	Number of jobs
92	(5C)	SIGNED	4	SDA_RESTART_MDSREST_RSVD	Reserved field

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				Connect Related Information.	

				Connect Start and End Times. For global connect, this is the time that IATMSR1 first gets control to the time when IATMSR3 completes its processing. For local connect, this is the time that IATMSR2 first gets control on the global to the time when IATMSR2 completes its processing. It does not include IATMSR1 or IATMSR3 processing since this takes place on the local processor.	

				End of Comment	
96	(60)	DBL WORD	8	SDA_RESTART_CONNECT_START_TIME (0)	
					Start time
352	(160)	DBL WORD	8	SDA_RESTART_CONNECT_END_TIME (0)	
					End time
				Comment	

				MDS Initial Verify Times. For the global processor, the initial verify time is a subset of the total connect time. For local processors, the connect start time may actually appear before the connect start time since IATMSR1 (running on the local) kicks off initial verify processing for local processors, and this will occur before IATMSR2 gets control on the global to process the local connect.	

				End of Comment	
608	(260)	DBL WORD	8	SDA_RESTART_IVERIFY_START_TIME (0)	
					Start time
864	(360)	DBL WORD	8	SDA_RESTART_IVERIFY_END_TIME (0)	
					End time
				Comment	

				GMS Restart Information. GMS restart is a subset of the total connect time.	

				End of Comment	
1120	(460)	DBL WORD	8	SDA_RESTART_GMSREST_START_TIME (0)	
					Start time
1376	(560)	DBL WORD	8	SDA_RESTART_GMSREST_END_TIME (0)	
					End time
1632	(660)	SIGNED	4	SDA_RESTART_GMSREST_JOB_COUNT (0)	
					Number of jobs processed

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- Work-To-Do Driver Demand Select Cancel Times. This is a subset of the total connect time and is only recorded when the connecting processor has been IPLed. ----------	
				End of Comment	
1760	(6E0)	DBL WORD	8	SDA_RESTART_WTDCANC_START_TIME (0)	Start time
2016	(7E0)	DBL WORD	8	SDA_RESTART_WTDCANC_END_TIME (0)	End time
				Comment	
				End of function specific data.	
				End of Comment	
2272	(8E0)	DBL WORD	8	SDA_RESTART_END (0)	End of function specific data
2272	(8E0)	X'8A0'	0	SDA_RESTART_FSPEC_SIZE	"SDA_RESTART_END-SDA_RESTART" Size of function specific data
2272	(8E0)	X'8E0'	0	SDA_RESTART_TOTAL_SIZE	"SDA_RESTART_FSPEC_SIZE+SDAFSIZE" Total size of SDA entry (fixed and function specific data)
				Comment	
				Statistics Data Area Entry for Output Service Related Information 01 Change Activity: $R0=RSTPERF HJS6604 970314 PD0DR: OS 2.4.0 Storage Location and Version Information.	
				End of Comment	
2272	(8E0)	X'1'	0	SDA_OUTSERV_SLOC_PRIVATE	"1" Data located in JES3 private
2272	(8E0)	X'1'	0	SDA_OUTSERV_VERSION1	"1" Initial version
2272	(8E0)	X'1'	0	SDA_OUTSERV_CURRENT_VERSION	"SDA_OUTSERV_VERSION1" Current version number
				Comment	
				JES3 Output Service Specific Information	
				End of Comment	
64	(40)	DBL WORD	8	SDA_OUTSERV (0)	Start of function specific information
				Comment	
				Output Service Restart Times.	
				End of Comment	
64	(40)	DBL WORD	8	SDA_OUTSERV_RESTART_START_TIME	Start time
72	(48)	DBL WORD	8	SDA_OUTSERV_RESTART_END_TIME	End time

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				End of function specific data.	
				End of Comment	
80	(50)	DBL WORD	8	SDA_OUTSERV_END (0)	End of function specific data
80	(50)	X'10'	0	SDA_OUTSERV_FSPEC_SIZE	"SDA_OUTSERV_END-SDA_OUTSERV" Size of function specific data
80	(50)	X'50'	0	SDA_OUTSERV_TOTAL_SIZE	"SDA_OUTSERV_FSPEC_SIZE+SDAFSIZE" Total size of SDA entry (fixed and function specific data)
				Comment	
				Statistics Data Area Entry for Workload Manager Related Information 01 Change Activity: $SF= z1.4.0 HJS7707 020129 PD0VW: z 1.4.0 0 Storage Location and Version Information.	
				End of Comment	
2272	(8E0)	X'1'	0	SDA_WLM_SLOC_PRIVATE	"1" Data located in JES3 private
2272	(8E0)	X'1'	0	SDA_WLM_VERSION1	"1" Initial version
2272	(8E0)	X'1'	0	SDA_WLM_CURRENT_VERSION	"SDA_WLM_VERSION1" Current version number
				Comment	
				JES3 WLM Specific Information.	
				End of Comment	
64	(40)	DBL WORD	8	SDA_WLM (0)	Start of function specific information
				Comment	
				Sampling Statistics.	
				End of Comment	
64	(40)	SIGNED	4	SDA_WLM_SAMPLE_COUNT	Number of samples processed processed (i.e the number of times the WLM subtask was posted for sampling)
68	(44)	SIGNED	4	SDA_WLM_IWMBSMP_COUNT	Number of samples passed to WLM via the IWMBSMP macro on this system
72	(48)	SIGNED	4	SDA_WLM_LCLSEND_COUNT (0)	
				Comment	
				Number of times data was sent from the global to a particular local processor	
				End of Comment	
200	(C8)	SIGNED	4	SDA_WLM_IWMBRIP_COUNT	Number of IWMBRIP requests that were issued for this system
204	(CC)	SIGNED	4	SDA_WLM_SLEEP_COUNT	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
					Number of samples the WLM went into sleep mode
208	(D0)	SIGNED	4	SDA_WLM_SLOWDOWN_COUNT	
					Number of samples the WLM was in or went into slow down mode
212	(D4)	SIGNED	4	SDA_WLM_SAMPDISC_COUNT	
					Number of sampling messages that were discarded on the local (e.g. because there was more than one message in the mailbox)
				Comment	
				WLM Initiator Deselection Statistics.	
				End of Comment	
216	(D8)	SIGNED	4	SDA_WLM_DSELNJOB_COUNT (0)	
				Comment	
				Number of initiator deselect requests where no job was being processed by the initiator	
				End of Comment	
344	(158)	SIGNED	4	SDA_WLM_DSELJOB_COUNT (0)	
				Comment	
				Number of initiator deselect requests where a job was being processed by the initiator Delay Checkpointing Statistics.	
				End of Comment	
472	(1D8)	SIGNED	4	SDA_WLM_DELAYSCAN_COUNT	
					Number of delay checkpointing job queue scans that were performed
476	(1DC)	SIGNED	4	SDA_WLM_DELAYJOB_COUNT	
					Number of jobs that were updated as a result of the delay scans
				Comment	
				Policy Change and Reclassification Statistics.	
				End of Comment	
480	(1E0)	SIGNED	4	SDA_WLM_POLICYCHG_COUNT	
					Number of WLM policy change requests processed
484	(1E4)	SIGNED	4	SDA_WLM_POLICYJOB_COUNT	
					Number of jobs that were reclassified as a result of the policy change
488	(1E8)	SIGNED	4	SDA_WLM_RECLASPST_COUNT	
					Number of reclassification posts processed
492	(1EC)	SIGNED	4	SDA_WLM_RECLASJOB_COUNT	
					Number of jobs that were reclassified as a result of the post
				Comment	
				End of function specific data.	
				End of Comment	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
496	(1F0)	DBL WORD	8	SDA_WLM_END (0)	End of function specific data
496	(1F0)	X'1B0'	0	SDA_WLM_FSPEC_SIZE	"SDA_WLM_END-SDA_WLM" Size of function specific data
496	(1F0)	X'1F0'	0	SDA_WLM_TOTAL_SIZE	"SDA_WLM_FSPEC_SIZE+SDAFSIZE" Total size of SDA entry (fixed and function specific data)

IATYSDA Cross Reference

Name

SDA_INIT
SDA_INIT_CBBUILD_END_TIME

SDA_INIT_CBBUILD_START_TIME

SDA_INIT_CONSOLES_END_TIME

SDA_INIT_CONSOLES_START_TIME

SDA_INIT_CURRENT_VERSION

SDA_INIT_DJC_JOBS

SDA_INIT_DSTAT_COUNT

SDA_INIT_END
SDA_INIT_END_TIME

SDA_INIT_FSPEC_SIZE

SDA_INIT_INITSTMT_END_TIME

SDA_INIT_INITSTMT_START_TIME

SDA_INIT_IOSTMT_END_TIME

SDA_INIT_IOSTMT_START_TIME

SDA_INIT_JCT_END_TIME

SDA_INIT_JCT_HIGHREC

SDA_INIT_JCT_LOWREC

SDA_INIT_JCT_RECTRK

SDA_INIT_JCT_START_TIME

SDA_INIT_JCT_VALREC

SDA_INIT_JCT_WRITES

SDA_INIT_JDAB_READS

SDA_INIT_JDAB_WRITES

Name

SDA_INIT_JDS_READS

SDA_INIT_JDS_WRITES

SDA_INIT_JMR_READS

SDA_INIT_JMR_WRITES

SDA_INIT_JOBVAL_END_TIME

SDA_INIT_JOBVAL_START_TIME

SDA_INIT_JSSREST_END_TIME

SDA_INIT_JSSREST_START_TIME

SDA_INIT_LPAMOD_COUNT

SDA_INIT_MAIN_END_TIME

SDA_INIT_MAIN_JOBS

SDA_INIT_MAIN_START_TIME

SDA_INIT_MDS_END_TIME

SDA_INIT_MDS_START_TIME

SDA_INIT_OTHER_JOBS

SDA_INIT_OUTSERV_JOBS

SDA_INIT_RJP_END_TIME

SDA_INIT_RJP_START_TIME

SDA_INIT_SLOC_PRIVATE

SDA_INIT_SPOOL_STATUS

SDA_INIT_START_TIME

SDA_INIT_START_TYPE

SDA_INIT_STT_END_TIME

SDA_INIT_STT_START_TIME

SDA_INIT_SUPUNITS_END_TIME

SDA_INIT_SUPUNITS_START_TIME

SDA_INIT_TAT_READS

SDA_INIT_TIMES

SDA_INIT_TOTAL_JOBS

SDA_INIT_TOTAL_SIZE

Name

SDA_INIT_VARY_END_TIME

SDA_INIT_VARY_START_TIME

SDA_INIT_VERSION1

SDA_INIT_WLM_END_TIME

SDA_INIT_WLM_START_TIME

SDA_INIT_XVIO_BUFFER_COUNT

SDA_INIT_XVIO_IATXSIO_COUNT

SDA_INIT_XVIO_INITIATE_COUNT

SDA_OUTSERV
SDA_OUTSERV_CURRENT_VERSION

SDA_OUTSERV_END

SDA_OUTSERV_FSPEC_SIZE

SDA_OUTSERV_RESTART_END_TIME

SDA_OUTSERV_RESTART_START_TIME

SDA_OUTSERV_SLOC_PRIVATE

SDA_OUTSERV_TOTAL_SIZE

SDA_OUTSERV_VERSION1

SDA_RESTART
SDA_RESTART_CONNECT_END_TIME

SDA_RESTART_CONNECT_START_TIME

SDA_RESTART_CURRENT_VERSION

SDA_RESTART_END

SDA_RESTART_FSPEC_SIZE

SDA_RESTART_GMSREST_END_TIME

SDA_RESTART_GMSREST_JOB_COUNT

SDA_RESTART_GMSREST_START_TIME

SDA_RESTART_IVERIFY_END_TIME

SDA_RESTART_IVERIFY_START_TIME

SDA_RESTART_MDSREST_END_TIME

SDA_RESTART_MDSREST_JOB_COUNT

SDA_RESTART_MDSREST_RSVD

Name

SDA_RESTART_MDSREST_START_TIME

SDA_RESTART_SLOC_PRIVATE

SDA_RESTART_START_JSS_TIME

SDA_RESTART_TOTAL_SIZE

SDA_RESTART_VERSION1

SDA_RESTART_WTDCANC_END_TIME

SDA_RESTART_WTDCANC_START_TIME

SDA_WLM
SDA_WLM_CURRENT_VERSION

SDA_WLM_DELAYJOB_COUNT

SDA_WLM_DELAYSCAN_COUNT

SDA_WLM_DSELJOB_COUNT

SDA_WLM_DSELNJOB_COUNT

SDA_WLM_END
SDA_WLM_FSPEC_SIZE

SDA_WLM_IWMBRIP_COUNT

SDA_WLM_IWMBSMP_COUNT

SDA_WLM_LCLSEND_COUNT

SDA_WLM_POLICYCHG_COUNT

SDA_WLM_POLICYJOB_COUNT

SDA_WLM_RECLASJOB_COUNT

SDA_WLM_RECLASPST_COUNT

SDA_WLM_SAMPDISC_COUNT

SDA_WLM_SAMPLE_COUNT

SDA_WLM_SLEEP_COUNT

SDA_WLM_SLOC_PRIVATE

SDA_WLM_SLOWDOWN_COUNT

SDA_WLM_TOTAL_SIZE

SDA_WLM_VERSION1

SDADESC
SDADLEN
SDAENTRY

Name

SDAERSV1
SDAERSV2
SDAFEND
SDAFSIZE
SDAHEND
SDAHID
SDAHINIT
SDAHOUTS
SDAHRSTR
SDAHRSVD
SDAHRSVU
SDAHSIZE
SDAHSTRT
SDAHUSR1
SDAHUSR2
SDAHUSR3
SDAHUSR4
SDAHUSR5
SDAHWLM
SDAHXCNT
SDAHXEND
SDAHXSTR
SDAID
SDAVERSN

IATYSDA2 Information

IATYSDA2 Heading Information

Common Name: Statistics Data Area Entry for Restart (Connect) Related Information
Macro ID: IATYSDA2
DSECT Name: SDAENTRY (in IATYSDA)
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: SDAE
Offset: 0
Length: 4
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 0
Size: SDA_RESTART_TOTAL_SIZE bytes
Created by: Issuer of IATXSTAT FUNC=INITIALIZE
Pointed to by: SDAHRSTR in IATYSDA
Serialization: NONE
Function: This macro maps the JES3 restart (connect) specific information in the Statistics Data Area (SDA).

IATYSDA2 Map

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

IATYSDA3 Information

IATYSDA3 Heading Information

Common Name: Statistics Data Area Entry for Output Service Related Information
Macro ID: IATYSDA3
DSECT Name: SDAENTRY (in IATYSDA)
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: SDAE
Offset: 0
Length: 4
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 0
Size: SDA_OUTSERV_TOTAL_SIZE bytes
Created by: Issuer of IATXSTAT FUNC=INITIALIZE
Pointed to by: SDAHOUTS in IATYSDA
Serialization: NONE
Function: This macro maps the JES3 main connect and restart specific information in the Statistics Data Area (SDA). It contains information about output service.

IATYSDA3 Map

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

IATYSDA4 Information

IATYSDA4 Heading Information

Common Name: Statistics Data Area Entry for Workload Manager Related Information
Macro ID: IATYSDA4
DSECT Name: SDAENTRY (in IATYSDA)
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: SDAE
Offset: 0
Length: 4
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 0
Size: SDA_WLM_TOTAL_SIZE bytes
Created by: Issuer of IATXSTAT FUNC=INITIALIZE
Pointed to by: SDAHWLM in IATYSDA
Serialization: NONE
Function: This macro maps the JES3 Workload Manager (WLM) specific information in the Statistics Data Area (SDA).

IATYSDA4 Map

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

IATYSDM Information

IATYSDM Programming Interface information

Programming Interface information

IATYSDM

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

- SDMABCPP
- SDMCBACB
- SDMCLACB
- SDMORACB
- SDMOWACB
- SDMRSAVE

End of Programming Interface information

IATYSDM Heading Information

Common Name: SPOOL DATA MANAGEMENT PARAMETER LIST (SDM)
Macro ID: IATYSDM
DSECT Name: SDMSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: SDM
Offset: 0
Length: 4
Storage Attributes: Main Storage: SUBPOOL 0, 230
Auxiliary Storage: N/A
Size: 120 Bytes
Created by: IATIIP0
IATIIP0
IATLVLC
IATMDST
IATSIOD
Pointed to by: N/A
Serialization: NONE
Function: The SDM maps the parameter list that is passed to the SPOOL access initialization routine IATDMGR. The IATXSDM macro should be used to initialize the SDM and invoke IATDMGR.

IATYSDM Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	SDMSTART	, SPOOL DATA MANAGEMENT PARAMETER LIST
0	(0)	CHARACTER	4	SDMID	CONTROL BLOCK ID
4	(4)	BITSTRING	1	SDMFUNC	FUNCTION CODE
		Comment			
		DEFINITION OF SDMFUNC			
		End of Comment			
		....		SDMALOCU	"X'00'" ALLOCATE - USAM
		.... .1..		SDMOPNRU	"X'04'" OPEN FOR READ - USAM
		.... 1...		SDMOPNWU	"X'08'" OPEN FOR WRITE - USAM
		.... 11..		SDMCLOSU	"X'0C'" CLOSE - USAM
		...1		SDMDEALU	"X'10'" DEALLOCATE - USAM
		...1 .1..		SDMALOCB	"X'14'" ALLOCATE - BLOCK SPOOLER
		...1 1...		SDMDEALB	"X'18'" DEALLOCATE - BLOCK SPOOLER
		...1 11..		SDMCSPAF	"X'1C'" CLEANUP - SPOOL ACCESS FACILITY
		...1 11..		SDMMAXFC	"X'1C'" HIGHEST VALID FUNCTION CODE
5	(5)	BITSTRING	1	SDMFLAG1	SDM FLAG ONE
		Comment			
		DEFINITION OF SDMFLAG1			
		End of Comment			
		1...		SDMERRRT	"X'80'" ERROR RETURN SPECIFIED UPON INVOCATION
		.1..		SDMNEWAL	"X'40'" New dataset allocation
		..1.		SDMABCLN	"X'20'" Abend cleanup requested 04067SLC
		...1		SDMFR110	"X'10'" RESERVED FLAG
		.... 1...		SDMFR108	"X'08'" RESERVED FLAG
		.... .1..		SDMFR104	"X'04'" RESERVED FLAG
		.... ..1.		SDMFR102	"X'02'" RESERVED FLAG
		1		SDMFR101	"X'01'" RESERVED FLAG
6	(6)	BITSTRING	1	SDMFLAG2	SDM FLAG TWO

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

				DEFINITION OF SDMFLAG2	

				End of Comment	
		1...		SDMDEBFR	"X'80'" DO NOT FREE THE DEB STORAGE
7	(7)	BITSTRING	1	SDMRSVDD	RESERVED FOR DEVELOPMENT
				Comment	
				DATA COMMON TO ALL FUNCTIONS	
				End of Comment	
8	(8)	SIGNED	4	SDMRSAVE (18)	REGISTER SAVE AREA
8	(8)	BITSTRING	12		SKIP OVER CHAIN FIELDS
				Comment	
				SDMSTAE ESTAE MF=L ESTAE PARM LIST	
				End of Comment	
20	(14)	SIGNED	4	(0)	
20	(14)	ADDRESS	1	SDMSTAE	FLAGS FOR TCB,PURGE,ASYNCH, AND CANCEL
21	(15)	ADDRESS	3		FIELD NO LONGER USED
24	(18)	ADDRESS	4		PARM. LIST ADDR. NOT SPECIFIED
28	(1C)	ADDRESS	4		TCB NOT SPECIFIED
32	(20)	ADDRESS	1		FLAGS
33	(21)	ADDRESS	1		THIRD FLAG BYTE
34	(22)	ADDRESS	2		RESERVED
36	(24)	ADDRESS	4		TOKEN VALUE AREA
40	(28)	ADDRESS	4		EXIT ADDR NOT SPECD
80	(50)	SIGNED	4	SDMDATA (0)	START OF FUNCTION SPECIFIC DATA
				Comment	
				ALLOCATE - USAM FUNCTION	
				End of Comment	
				Comment	

				INPUT / OUTPUT DATA	

				End of Comment	
80	(50)	ADDRESS	4	SDMAUDEB	DATA EXTENT BLOCK (DEB) ADDRESS
				Comment	

				OUTPUT DATA	

				End of Comment	
84	(54)	ADDRESS	4	SDMAUDSS	DATASET STATUS BLOCK (DSS) ADDRESS

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

		INPUT DATA			

		End of Comment			
88	(58)	ADDRESS	4	SDMAUMEM	MEMDATA ADDRESS
92	(5C)	BITSTRING	1	SDMAUEND (0)	END OF DATA
92	(5C)	X'5C'	0	SDMAUSIZ	"SDMAUEND-SDMSTART" SIZE OF DATA
		Comment			
		OPEN FOR READ - USAM FUNCTION			
		End of Comment			
		Comment			

		INPUT DATA			

		End of Comment			
80	(50)	ADDRESS	4	SDMORDEB	DATA EXTENT BLOCK (DEB) ADDRESS
84	(54)	ADDRESS	4	SDMORDSS	DATASET STATUS BLOCK (DSS) ADDRESS
88	(58)	ADDRESS	4	SDMORACB	ACCESS METHOD CONTROL BLOCK (ACB) ADDRESS
92	(5C)	ADDRESS	4	SDMORRAB	RECORD ALLOCATION BLOCK (RAB) ADDRESS
96	(60)	CHARACTER	8	SDMORDDN	DDNAME OF FILE BEING OPENED
104	(68)	BITSTRING	6	SDMORFSP	FIRST SPOOL ADDRESS
110	(6E)	BITSTRING	1	SDMOREND (0)	END OF DATA
110	(6E)	X'6E'	0	SDMORSIZ	"SDMOREND-SDMSTART" SIZE OF DATA
		Comment			
		OPEN FOR WRITE - USAM FUNCTION			
		End of Comment			
		Comment			

		INPUT DATA			

		End of Comment			
80	(50)	ADDRESS	4	SDMOWDEB	DATA EXTENT BLOCK (DEB) ADDRESS
84	(54)	ADDRESS	4	SDMOWDSS	DATASET STATUS BLOCK (DSS) ADDRESS
88	(58)	ADDRESS	4	SDMOWACB	ACCESS METHOD CONTROL BLOCK (ACB) ADDRESS
92	(5C)	ADDRESS	4	SDMOWRAB	RECORD ALLOCATION BLOCK (RAB) ADDRESS
96	(60)	SIGNED	4	SDMOWJNO	BINARY JOB NUMBER
100	(64)	CHARACTER	8	SDMOWDDN	DDNAME OF FILE BEING OPENED
108	(6C)	BITSTRING	6	SDMOWFSP	FIRST SPOOL ADDRESS
114	(72)	BITSTRING	6	SDMOWLSP	LAST SPOOL ADDRESS
120	(78)	BITSTRING	1	SDMOWEND (0)	END OF DATA
120	(78)	X'78'	0	SDMOWSIZ	"SDMOWEND-SDMSTART" SIZE OF DATA
		Comment			
		CLOSE - USAM FUNCTION			
		End of Comment			

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

				INPUT DATA	

				End of Comment	
80	(50)	ADDRESS	4	SDMCLDEB	DATA EXTENT BLOCK (DEB) ADDRESS
84	(54)	ADDRESS	4	SDMCLDSS	DATASET STATUS BLOCK (DSS) ADDRESS
88	(58)	ADDRESS	4	SDMCLACB	ACCESS METHOD CONTROL BLOCK (ACB) ADDRESS
				Comment	

				OUTPUT DATA	

				End of Comment	
92	(5C)	BITSTRING	6	SDMCLFSP	FIRST SPOOL ADDRESS (IF OPENED FOR WRITE ACCESS)
98	(62)	BITSTRING	6	SDMCLLSP	LAST SPOOL ADDRESS (IF OPENED FOR WRITE ACCESS)
104	(68)	BITSTRING	1	SDMCLEND (0)	END OF DATA
104	(68)	X'68'	0	SDMCLSIZ	"SDMCLEND-SDMSTART" SIZE OF DATA
				Comment	
				DEALLOCATE - USAM FUNCTION	
				End of Comment	
				Comment	

				INPUT DATA	

				End of Comment	
80	(50)	ADDRESS	4	SDMDUDEB	DATA EXTENT BLOCK (DEB) ADDRESS
84	(54)	ADDRESS	4	SDMDUDSS	DATASET STATUS BLOCK (DSS) ADDRESS
88	(58)	ADDRESS	4	SDMDUMEM	MEMDATA ADDRESS
92	(5C)	BITSTRING	1	SDMDUEND (0)	END OF DATA
92	(5C)	X'5C'	0	SDMDUSIZ	"SDMDUEND-SDMSTART" SIZE OF DATA
				Comment	
				ALLOCATE - BLOCK SPOOLER FUNCTION	
				End of Comment	
				Comment	

				INPUT DATA	

				End of Comment	
80	(50)	ADDRESS	4	SDMABBLK	BLOCK I/O PARAMETER LIST (BLK) ADDRESS
84	(54)	ADDRESS	4	SDMABCPP	CELLPOOL PARAMETER LIST ADDRESS
88	(58)	SIGNED	2	SDMABPXT	BUFFER CELLPOOL PRIMARY EXTENT SIZE (IN NUMBER OF BUFFERS)
90	(5A)	SIGNED	2	SDMABSXT	BUFFER CELLPOOL SECONDARY EXTENT SIZE (IN NUMBER OF BUFFERS)

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
92	(5C)	BITSTRING	1	SDMABCSP	SUBPOOL FOR BUFFER CELLPOOL
93	(5D)	BITSTRING	3	SDMABRSV	RESERVED FOR DEVELOPMENT
				Comment	

				OUTPUT DATA	

				End of Comment	
96	(60)	SIGNED	4	SDMABCID	CELLPOOL IDENTIFIER
100	(64)	SIGNED	4	SDMABBSZ	SIZE OF EACH BUFFER IN CELLPOOL
104	(68)	BITSTRING	1	SDMABEND (0)	END OF DATA
104	(68)	X'68'	0	SDMABSIZ	"SDMABEND-SDMSTART" SIZE OF DATA
				Comment	
				DEALLOCATE - BLOCK SPOOLER FUNCTION	
				End of Comment	
				Comment	

				INPUT DATA	

				End of Comment	
80	(50)	ADDRESS	4	SDMDBBLK	BLOCK I/O PARAMETER LIST (BLK) ADDRESS
84	(54)	SIGNED	4	SDMDBCID	CELLPOOL IDENTIFIER
88	(58)	BITSTRING	1	SDMDBEND (0)	END OF DATA
88	(58)	X'58'	0	SDMDBSIZ	"SDMDBEND-SDMSTART" SIZE OF DATA
				Comment	
				CLEANUP - SPOOL ACCESS FACILITY	
				End of Comment	
				Comment	

				INPUT DATA IMPORTANT - THE OFFSET OF THE FIRST THREE FIELDS MUST BE THE SAME AS THE CORRESPONDING FIELDS IN THE CLOSE USAM PARAMETER LIST	

				End of Comment	
80	(50)	ADDRESS	4	SDMCBDEB	DATA EXTENT BLOCK (DEB) ADDRESS
84	(54)	ADDRESS	4	SDMCBDSS	DATASET STATUS BLOCK (DSS) ADDRESS
88	(58)	ADDRESS	4	SDMCBACB	ACCESS METHOD CONTROL BLOCK (ACB) ADDRESS
92	(5C)	ADDRESS	4	SDMCBBUF	ADDRESS OF A CHAIN OF BUFFERS TO BE FREED
96	(60)	SIGNED	4	SDMCBCID	CELLPOOL IDENTIFIER
100	(64)	BITSTRING	1	SDMCBEND (0)	END OF DATA
100	(64)	X'64'	0	SDMCBSIZ	"SDMCBEND-SDMSTART" SIZE OF DATA
				Comment	
				MAXIMUM DATA SIZE	
				End of Comment	
120	(78)	BITSTRING	1	SDMMXEND (0)	END OF DATA
120	(78)	X'78'	0	SDMMXSIZ	"SDMMXEND-SDMSTART" SIZE OF DATA

IATYSDM Cross Reference

Name

SDMABBLK
SDMABBSZ
SDMABCID
SDMABCLN
SDMABCPP
SDMABCSP
SDMABEND
SDMABPXT
SDMABRSV
SDMABSIZ
SDMABSXT
SDMALOCB
SDMALOCU
SDMAUDEB
SDMAUDSS
SDMAUEND
SDMAUMEM
SDMAUSIZ
SDMCBACB
SDMCBBUF
SDMCBCID
SDMCBDEB
SDMCBDSS
SDMCBEND
SDMCBSIZ
SDMCLACB
SDMCLDEB
SDMCLDSS
SDMCLEND
SDMCLFSP
SDMCLLSP
SDMCLOSU
SDMCLSIZ
SDMCSPAF
SDMDATA
SDMDBBLK
SDMDBCID
SDMDBEND
SDMDBSIZ
SDMDEALB
SDMDEALU
SDMDEBFR
SDMDUDEB
SDMDUDSS
SDMDUEND
SDMDUMEM
SDMDUSIZ
SDMERRRT
SDMFLAG1
SDMFLAG2
SDMFR101
SDMFR102
SDMFR104
SDMFR108
SDMFR110

Name

SDMFUNC
SDMID
SDMMAXFC
SDMMXEND
SDMMXSIZ

SDMNEWAL
SDMOPNRU
SDMOPNWU
SDMORACB
SDMORDDN

SDMORDEB
SDMORDSS
SDMOREND
SDMORFSP
SDMORRAB

SDMORSIZ
SDMOWACB
SDMOWDDN
SDMOWDEB
SDMOWDSS

SDMOWEND
SDMOWFSP
SDMOWJNO
SDMOWLSP
SDMOWRAB

SDMOWSIZ
SDMRSAVE
SDMRSVDD
SDMSTAE
SDMSTART

IATYSEC Information

IATYSEC Programming Interface information

Programming Interface information

IATYSEC

End of Programming Interface information

IATYSEC Heading Information

Common Name: SECURITY CHECK CONTROL BLOCK
Macro ID: IATYSEC
DSECT Name: SECSTART, SECEASTR
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: SEC
Offset: 0
Length: 4
Storage Attributes: Main Storage: Determined by the caller
Auxiliary Storage: N/A
Size: 12 Bytes
Created by: INVOKERS OF IATXSEC
Pointed to by: NONE
Serialization: NONE
Function: Used as the parameter list for security check macro IATXSEC

IATYSEC Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	SECSTART	, Security Check Control Block
0	(0)	CHARACTER	4	SECID	Control Block Identifier

Comment

IATXSEC Input Area - This area contains information
that is provided to the IATXSEC service routine via
the IATXSEC macro.
IATXSEC parameters basically come in four flavors:
(1) Parameters that control the IATXSEC service
routine's internal functions. These parameters
appear in the SEC.
(2) Parameters that are used to modify the RACROUTE
invocations, but are not passed to the user
exits. These parameters appear in the SEC.
(3) Parameters that are passed to the user exit,
and are modifyable by the user exit. These
parameters appear only in the SSX.
(4) Parameters that are passed to the user exit,
but are --not-- modifyable by the user exit.
These parameters appear in the SSX, and in the
SEC to ensure that an unmodified copy is used.
Common Function and Option Flags.

End of Comment

4	(4)	BITSTRING	1	SECFUNC	IATXSEC Function Flag

Comment

Definition of SECFUNC

End of Comment

4	(4)	X'1'	0	SECAUTH	"1" Request is to receive authorization to receive a resource - Set when REQUEST=AUTH is specified on the IATXSEC macro
4	(4)	X'2'	0	SECEXTEX	"2" Request is to extract information from a profile - Set when REQUEST=EXTRACT, TYPE=EXTRACT is specified on the IATXSEC macro
4	(4)	X'3'	0	SECEXTEN	"3" Request is to encrypt data - Set when REQUEST=EXTRACT, TYPE=ENCRYPT is specified on the IATXSEC macro

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
4	(4)	X'4'	0	SECTKNBL	"4" Request is build a token - Set when REQUEST=TOKENBLD is specified on the IATXSEC macro
4	(4)	X'5'	0	SECTKNMP	"5" Request is to obtain a map of the token - Set when REQUEST=TOKENMAP is specified on the IATXSEC macro
4	(4)	X'6'	0	SECTKNEX	"6" Request is to extract the user's security information from a token - Set when REQUEST=TOKENXTR is specified on the IATXSEC macro
4	(4)	X'7'	0	SECVRFYX	"7" Request is to verify a user's authorization to perform a task - Set when REQUEST=VERIFYX is specified on the IATXSEC macro
4	(4)	X'8'	0	SECAUDIT	"8" Request is to create an audit record - Set when REQUEST=AUDIT is specified on the IATXSEC macro
4	(4)	X'9'	0	SECVRFY	"9" Request is to Create or 0039 Delete an ACEE needed for 0039 a security environment 0039 Set when REQUEST=VERIFY 0039 is specified on the 0039 IATXSEC macro 0039 0039
4	(4)	X'9'	0	SECFUNMX	"9" Maximum Function Value 0039
5	(5)	BITSTRING	4	SECOPTS (0)	IATXSEC Option Flags
5	(5)	BITSTRING	1	SECOPT1	IATXSEC Option Flag One
		Comment			

		Definition of SECOPT1			

		End of Comment			
		1...		SECSBTSK	"X'80'" IATXSEC processing should be performed under a generalized subtask - set when MODE=NUCTASK is specified on the IATXSEC macro, and the REQUEST type has implicit MVS waits
		.1..		SECATERM	"X'40'" If an abend occurs during IATXSEC processing, cleanup should be performed and then processing should be terminated by giving control to the caller's recovery routine (set when ABEND=TERM is specified on the IATXSEC macro)
6	(6)	BITSTRING	1	SECOPT2	IATXSEC Option Flag Two (Message Control Options)
		Comment			

		Definition of SECOPT2			

		End of Comment			
6	(6)	X'1'	0	SECMCWTO	"SSXMCWTO" Messages should be written to the operator - set when MSGCNTL=(WTO,,) is specified on IATXSEC macro
6	(6)	X'2'	0	SECMCRTN	"SSXMCRTN" Messages should be returned to the caller - set when MSGCNTL=(,RETURN,) is specified on IATXSEC macro
6	(6)	X'4'	0	SECMCJES	"SSXMCJES" Messages should be written to JESMSG - set when MSGCNTL=(,,JESMSG) is specified on IATXSEC macro
7	(7)	BITSTRING	1	SECOPT3	IATXSEC Option Flag Three (IATXSEC Mode Options)
		Comment			

		Definition of SECOPT3			

		End of Comment			

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
7	(7)	X'80'	0	SECNUCMD	"SSXNUCMD" JES3 Nuc task mode - set when MODE=NUCTASK is specified on IATXSEC macro
7	(7)	X'40'	0	SECINIMD	"SSXINIMD" JES3 initialization mode - set when MODE=INIT is specified on IATXSEC macro
7	(7)	X'20'	0	SECSTKMD	"SSXSTKMD" JES3 subtask mode - set when MODE=SUBTASK is specified on IATXSEC macro
7	(7)	X'10'	0	SECUSRMD	"SSXUSRMD" User address space mode - set when MODE=USER is specified on IATXSEC macro
8	(8)	BITSTRING	1	SECOPT4	IATXSEC Option Flag Four
9	(9)	BITSTRING	1	SECOPT5	IATXSEC Option Flag Five
10	(A)	BITSTRING	1	SECOPT6	IATXSEC Option Flag Six
11	(B)	BITSTRING	1	SECOPT7	IATXSEC Option Flag Seven
12	(C)	BITSTRING	1	SECOPT8	IATXSEC Option Flag Eight

Comment

Security SAF User Exit Area (SSX). This control
block contains many of the IATXSEC input parameters.
Input parameters that do not have corresponding
fields in SSX are contained in the SEC.
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

12	(C)	X'0'	0	NOP	"0" NO OPERATION
12	(C)	X'F'	0	ALWAYS	"15" Unconditional branch 0084
		1111 1111		FF	"X'FF'" ALL BITS ON
12	(C)	X'F0'	0	CHARZERO	"C'0'" CHARACTER ZERO
12	(C)	X'F9'	0	CHARNINE	"C'9'" CHARACTER NINE
12	(C)	X'C1'	0	CHARA	"C'A'" CHARACTER A
12	(C)	X'C6'	0	CHARF	"C'F'" CHARACTER F
12	(C)	X'6B'	0	CHARCMMA	"C','" CHARACTER COMMA

Comment

AFTER COMPARE INSTRUCTIONS

End of Comment

12	(C)	X'2'	0	GT	"2" A HIGH
12	(C)	X'4'	0	LT	"4" A LOW
12	(C)	X'7'	0	NE	"7" A NOT EQUAL B
12	(C)	X'8'	0	EQ	"8" A EQUAL B
12	(C)	X'B'	0	GE	"11" A NOT LOW
12	(C)	X'D'	0	LE	"13" A NOT HIGH

Comment

AFTER LOGICAL INSTRUCTIONS

End of Comment

12	(C)	X'1'	0	NZNBOROW	"1" Not zero, no borrow
12	(C)	X'1'	0	NZCARRY	"1" Not zero, carry
12	(C)	X'4'	0	NZBORROW	"4" Not zero, borrow
12	(C)	X'4'	0	NZNCARRY	"4" Not zero, no carry
12	(C)	X'5'	0	LNZERO	"5" Not zero
12	(C)	X'2'	0	ZNBORROW	"2" Zero, no borrow

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
12	(C)	X'2'	0	ZCARRY	"2" Zero, carry
12	(C)	X'8'	0	ZBORROW	"8" Zero, borrow
12	(C)	X'8'	0	ZNCARRY	"8" Zero, no carry
12	(C)	X'A'	0	LZERO	"10" Zero
12	(C)	X'C'	0	BORROW	"12" Borrow
12	(C)	X'3'	0	NOBORROW	"3" No borrow
12	(C)	X'3'	0	CARRY	"3" Carry
12	(C)	X'C'	0	NOCARRY	"12" No carry

Comment

AFTER ARITHMETIC INSTRUCTIONS

End of Comment

12	(C)	X'1'	0	OV	"1" OVERFLOW
12	(C)	X'2'	0	PLUS	"2" PLUS
12	(C)	X'4'	0	MINUS	"4" MINUS
12	(C)	X'7'	0	NZERO	"7" NOT ZERO
12	(C)	X'8'	0	ZERO	"8" ZERO
12	(C)	X'8'	0	ZEROS	"8" ZERO
12	(C)	X'B'	0	NMINUS	"11" NOT MINUS
12	(C)	X'E'	0	NOV	"14" NOT OVERFLOW
12	(C)	X'D'	0	NPLUS	"13" NOT PLUS

Comment

AFTER TEST UNDER MASK INSTRUCTIONS

End of Comment

12	(C)	X'1'	0	ALLON	"1" ALL ON
12	(C)	X'4'	0	MIXED	"4" MIXED
12	(C)	X'5'	0	NALLOFF	"5" ALLON+MIXED
12	(C)	X'8'	0	ALLOFF	"8" ALL OFF
12	(C)	X'C'	0	NALLON	"12" ALLOFF+MIXED

Comment

AFTER TEST AND SET INSTRUCTION

End of Comment

12	(C)	X'4'	0	LOCKED	"4" ONE I.E. LOCKED
12	(C)	X'8'	0	UNLOCKED	"8" ZERO I.E. UNLOCKED

Comment

AFTER LOAD REAL ADDRESS INSTRUCTION.

End of Comment

12	(C)	X'8'	0	INREAL	"8" PAGE IS IN REAL STORAGE
12	(C)	X'7'	0	NOTIREAL	"7" PAGE NOT IN REAL STORAGE
12	(C)	X'4'	0	SEGTBINV	"4" SEGMENT TABLE ENTRY INVALID
12	(C)	X'2'	0	PAGTBINV	"2" PAGE TABLE ENTRY INVALID
12	(C)	X'1'	0	LENTHINV	"1" LENGTH INVALID

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
					---------- AFTER TEST PROTECTION INSTRUCTION. ----------
				End of Comment	
12	(C)	X'E'	0	NTRANSNA	"14" NOT Translation not available
12	(C)	X'D'	0	NNOACCSS	"13" NOT (Fetching not permitted; Storing not permitted)
12	(C)	X'B'	0	NPAGPRTD	"11" NOT (Fetching permitted; Storing not permitted)
12	(C)	X'8'	0	ALLACC	"8" Fetching permitted; Storing permitted
12	(C)	X'7'	0	NALLACC	"7" NOT (Fetching permitted; Storing permitted)
12	(C)	X'4'	0	PAGPRTD	"4" Fetching permitted; Storing not permitted
12	(C)	X'2'	0	NOACCESS	"2" Fetching not permitted; Storing not permitted
12	(C)	X'1'	0	TRANSNA	"1" Translation not available
				Comment	
					---------- SYMBOLS USED FOR ACCESS REGISTER MODE ----------
				End of Comment	
12	(C)	X'200'	0	ARMODON	"512" TURN ACCESS REGISTER MODE ON
12	(C)	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	
12	(C)	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	
12	(C)	X'21000'	0	J3TRCSZ	"135168" SIZE OF EVENT TRACE TABLE
12	(C)	BITSTRING	0	J3NUCTRC	"X'30000'" Size of Nuc path trace table
12	(C)	X'F018'	0	J3AUXTRC	"61464" SIZE OF AUX PATH TRACE TABLE
12	(C)	X'3FF'	0	J3TRCMAX	"1023" MAXIMUM SIZE OF USER DATA IN A TRACE ENTRY, IN WORDS
12	(C)	X'F423F'	0	MAXIMUM_JOB_NUMBER_ALLOWED	"999999" This is the largest job number allowed in the system.
12	(C)	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.

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
12	(C)	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.
12	(C)	X'7FFF'	0	MAXIMUM_JOBS_IN_DJC_NET	"32767" This is the maximum number of jobs that a single DJC net can contain.
12	(C)	BITSTRING	0	MAX_OSE_SEQ	"X'7FFFFFFF'" Maximum OSE sequence number
12	(C)	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
12	(C)	BITSTRING	0	MAX_OSE_SEQ_DYNAL	"X'7FFFFF80'" 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.
12	(C)	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

The following equates are all used for decisions and actions related to job limits, but specifically are used for different purposes.

End of Comment

12	(C)	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'.
12	(C)	X'FFFF'	0	SPECIAL_JOB_XFFFF	"65535" As a compatible job number, indicates that the job number lives in a four byte field.
12	(C)	X'F423F'	0	UNLIMITED_DSP_COUNT	"999999" As a DSP count this value indicates an "unlimited" count.
12	(C)	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.
12	(C)	X'FFFF'	0	UNLIMITED_JOB_COUNT2	"65535" Same as UNLIMITED_JOB_COUNT except that it is for fields that must remain 2 bytes.
12	(C)	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).

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

					SYMBOLS USED TO SET OR CLEAR A HIGH ORDER BIT

				End of Comment	
		....		EQUHOBON	"X'80000000'" HIGH ORDER BIT ON
12	(C)	BITSTRING	0	EQUHOBOF	"X'7FFFFFFF'" HIGH ORDER BIT OFF
				Comment	

					SYMBOLS USED FOR SECURITY

				End of Comment	
12	(C)	X'50'	0	SECTKNLN	"80" CURRENT LENGTH OF SECURITY TOKEN
12	(C)	X'50'	0	TKNMAPLN	"80" CURRENT LENGTH OF THE MAPPED TOKEN RETURNED FROM TOKNMAP
12	(C)	X'F0'	0	SAFMSGSP	"240" SUBPOOL USED FOR MESSAGES 0063 RETURNED BY SAF AND USER EXITS 58 + 59
12	(C)	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	
12	(C)	X'9'	0	INTK_SHARED_SUBPOOL	"9" Shared subpool
				Comment	

					Functional equates for the PLO instruction.

				End of Comment	
12	(C)	X'0'	0	PLO_CL	"0" Compare and Load, 32 bit
12	(C)	X'1'	0	PLO_CLG	"1" Same, 64 bit
12	(C)	X'2'	0	PLO_CLGR	"2" Same, 64 bit, some operands in registers
12	(C)	X'3'	0	PLO_CLX	"3" Same, 128 bit
12	(C)	X'4'	0	PLO_CS	"4" Compare and Swap, 32 bit
12	(C)	X'5'	0	PLO_CSG	"5" Same, 64 bit
12	(C)	X'6'	0	PLO_CSGR	"6" Same, 64 bit, some operands in registers
12	(C)	X'7'	0	PLO_CSX	"7" Same, 128 bit
12	(C)	X'8'	0	PLO_DCS	"8" Double Compare and Swap, 32 bit
12	(C)	X'9'	0	PLO_DCSG	"9" Same, 64 bit
12	(C)	X'A'	0	PLO_DCSGR	"10" Same, 64 bit, some operands in registers
12	(C)	X'B'	0	PLO_DCSX	"11" Same, 128 bit
12	(C)	X'C'	0	PLO_CSST	"12" Compare and Swap and Store, 32 bit
12	(C)	X'D'	0	PLO_CSSTG	"13" Same, 64 bit
12	(C)	X'E'	0	PLO_CSSTGR	"14" Same, 64 bit, some operands in registers
12	(C)	X'F'	0	PLO_CSSTX	"15" Same, 128 bit
12	(C)	X'10'	0	PLO_CSDST	"16" Compare and Swap and Double Store, 32 bit
12	(C)	X'11'	0	PLO_CSDSTG	"17" Same, 64 bit

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
12	(C)	X'12'	0	PLO_CSDSTGR	"18" Same, 64 bit, some operands in registers
12	(C)	X'13'	0	PLO_CSDSTX	"19" Same, 128 bit
12	(C)	X'14'	0	PLO_CSTST	"20" Compare and Swap and Triple Store, 32 bit
12	(C)	X'15'	0	PLO_CSTSTG	"21" Same, 64 bit
12	(C)	X'16'	0	PLO_CSTSTGR	"22" Same, 64 bit, some operands in registers
12	(C)	X'17'	0	PLO_CSTSTX	"23" Same, 128 bit

Comment

Security User Exit Parameter List
01 Change Activity:
$TA= z2.1.0 HJS7790 120507 PD0TN: z 2.1.0 11485TAA
$TG= J3CLSCHK HJS7790 120516 RD0JU: z 2.1.0

End of Comment

16	(10)	DBL WORD	8	SSXSTART (0)	
16	(10)	CHARACTER	4	SSXID	Control Block Identifier
20	(14)	ADDRESS	1	SSXVSN	Version number
20	(14)	X'1'	0	SSXVSN1	"1" Version level One
20	(14)	X'1'	0	SSXVSCUR	"SSXVSN1" Current version number

Comment

IATUX58/IATUX59 Return Code Definitions.

End of Comment

21	(15)	BITSTRING	1	SSX58RTN	IATUX58 Return Code

Comment

Definition of SSX58RTN

End of Comment

21	(15)	X'0'	0	SSX58ACC	"0" Accept - Don't call SAF
21	(15)	X'4'	0	SSX58UEF	"4" Use existing facilities to make the security decision (don't call SAF)
21	(15)	X'8'	0	SSX58REJ	"8" Reject - Don't call SAF
21	(15)	X'C'	0	SSX58SAU	"12" Call SAF and IATUX59
21	(15)	X'10'	0	SSX58SNU	"16" Call SAF but no IATUX59
21	(15)	X'14'	0	SSX58DUM	"20" Call SAF and treat IATUX58 as a dummy exit. That is, don't call it again.
21	(15)	X'14'	0	SSX58MAX	"SSX58DUM" Maximum return code value
22	(16)	BITSTRING	1	SSX59RTN	IATUX59 Return Code

Comment

Definition of SSX59RTN

End of Comment

22	(16)	X'0'	0	SSX59ACC	"0" Accept the request
22	(16)	X'4'	0	SSX59UEF	"4" Use existing facilities to make the security decision
22	(16)	X'8'	0	SSX59REJ	"8" Reject the request
22	(16)	X'C'	0	SSX59SAF	"12" Use the SAF decision
22	(16)	X'10'	0	SSX59DUM	"16" IATUX59 is a dummy exit
22	(16)	X'10'	0	SSX59MAX	"SSX59DUM" Maximum return code value

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				SAF/Security Product Information. SAF Return Code	
				End of Comment	
23	(17)	BITSTRING	1	SSXSFRET	SAF Return Code
				Comment	
				---------- Definition of SSXSAFRC ----------	
				End of Comment	
23	(17)	X'0'	0	SSXSFACC	"0" Accept
23	(17)	X'4'	0	SSXSFNDC	"4" No Decision
23	(17)	X'8'	0	SSXSFREJ	"8" Reject
				Comment	
				Security Product Return and Reason Codes.	
				End of Comment	
24	(18)	SIGNED	4	SSXSPRET	Security Product Return Code
28	(1C)	SIGNED	4	SSXSPRSN	Security Product Reason Code
				Comment	
				---------- Definition of SSXSPRSN. ----------	
				End of Comment	
		..1. .1..		SSXNEVER	"X'24'" For PSO receive-by-userid, the user can never receive the specified data set (short of a miracle)
				Comment	

Logical IATXSEC Index (SSXINDEX) Definition
SSXINDEX identifies the particular logical instance of IATXSEC in JES3. The indexes are defined as follows:

Range	IATXSEC Function
00	INVALID
0001 - 00FF	RESERVED
0100 - 01FF	AUTH
0200 - 02FF	EXTRACT
0300 - 03FF	TOKENBLD
0400 - 04FF	TOKENMAP
0500 - 05FF	TOKENXTR
0600 - 06FF	VERIFYX
0700 - 07FF	AUDIT
0800 - 08FF	VERIFY | 0
0900 - 0FFF	RESERVED | 0

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		The names have the following format: SSXZZXXX Where ZZ is: IA - For REQUEST=AUTH calls IE - For REQUEST=EXTRACT calls IB - For REQUEST=TOKENBLD calls IM - For REQUEST=TOKENMAP calls IX - For REQUEST=TOKENXTR calls IV - For REQUEST=VERIFYX calls AU - For REQUEST=AUDIT calls VF - For REQUEST=VERIFY calls 0 and XXX is any three meaningful characters			
		End of Comment			
32	(20)	SIGNED	2	SSXINDEX	Logical IATXSEC Index
		Comment			
		AUTH Values			
		End of Comment			
		1		SSXIAUTH	"X'01'" AUTH Request
		Comment			
		NJE AUTH Values.			
		End of Comment			
32	(20)	BITSTRING	0	SSXIANOC	"X'0101'" IATISNJ Outbound NJE job stream create
32	(20)	BITSTRING	0	SSXIANJC	"X'0102'" IATISNJ NJE job JESMSGLG data set create
32	(20)	BITSTRING	0	SSXIANJO	"X'0103'" IATISNJ NJE job JESMSGLG data set open
32	(20)	BITSTRING	0	SSXIANRC	"X'0104'" IATNTRS Data set create for NJE SYSOUT REROUTE TO HOME NODE
32	(20)	BITSTRING	0	SSXIANRR	"X'0105'" IATNTRS Data set create for NJE SYSIN/SYSOUT REROUTE TO A REMOTE NODE
32	(20)	BITSTRING	0	SSXIANOS	"X'0106'" IATNTSD Outbound NJE stream writer access
32	(20)	BITSTRING	0	SSXIANOW	"X'0107'" IATNTSD Outbound NJE stream writer select
32	(20)	BITSTRING	0	SSXIANIC	"X'0108'" IATNTSF Inbound NJE SYSOUT data set create
32	(20)	BITSTRING	0	SSXIANSC	"X'0109'" IATNTSF Store and forward NJE data IATOSNT set create
		Comment			
		Input Service Related AUTH Values.			
		End of Comment			
32	(20)	BITSTRING	0	SSXIAISC	"X'010A'" IATISEN System and / DATASET data set create
32	(20)	BITSTRING	0	SSXIAISO	"X'010B'" IATISEN System and / DATASET data set open
32	(20)	BITSTRING	0	SSXIAISD	"X'010C'" IATISEN / PROCESS DSP Auth calls
		Comment			
		SYSIN/SYSOUT Create/Open AUTH Value.			
		End of Comment			

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
32	(20)	BITSTRING	0	SSXIASIA	"X'010D'" IATSIAD SYSIN data set create
32	(20)	BITSTRING	0	SSXIASOC	"X'010E'" IATSIAD SYSOUT data set create 0075
32	(20)	BITSTRING	0	SSXIASIO	"X'010F'" IATSIOR SYSIN data set open
32	(20)	BITSTRING	0	SSXIASOO	"X'0110'" IATSIOR SYSOUT data set open
32	(20)	BITSTRING	0	SSXIASIR	"X'0111'" IATSIOR Internal reader open
				Comment	
				--- SYSIN/SYSOUT Purge AUTH Values. ---	
				End of Comment	
32	(20)	BITSTRING	0	SSXIADMJ	"X'0112'" IATDMJA Purge SYSIN/SYSOUT datasets
32	(20)	BITSTRING	0	SSXIADMA	"X'0113'" IATDMJA Purge SYSIN/SYSOUT datasets
32	(20)	BITSTRING	0	SSXIAMSM	"X'0114'" IATMSMS Purge SYSIN/SYSOUT datasets
32	(20)	BITSTRING	0	SSXIAOSD	"X'0115'" IATOSDR Purge SYSIN/SYSOUT datasets
32	(20)	BITSTRING	0	SSXIAOSP	"X'0116'" IATOSFP Purge SYSIN/SYSOUT datasets
				Comment	
				X'0117' Reserved 0	
				End of Comment	
32	(20)	BITSTRING	0	SSXIAOGC	"X'0118'" IATOSPC Purge SYSIN/SYSOUT datasets
32	(20)	BITSTRING	0	SSXIAOSC	"X'0119'" IATOSGR Purge SYSIN/SYSOUT datasets 0116
32	(20)	BITSTRING	0	SSXIAOSS	"X'011A'" IATOSGR Purge SYSIN/SYSOUT datasets 0116
32	(20)	BITSTRING	0	SSXIAOSW	"X'011B'" IATOSWP Purge SYSIN/SYSOUT datasets
32	(20)	BITSTRING	0	SSXIAPUR	"X'011C'" IATPURG Purge SYSIN/SYSOUT datasets
				Comment	
				--- Output Service AUTH Values. ---	
				End of Comment	
32	(20)	BITSTRING	0	SSXIAGRP	"X'011D'" IATGRAN / PROCESS JESNEWS authorization
32	(20)	BITSTRING	0	SSXIAGRO	"X'011E'" IATGRAN *X,JESNEWS authorization
32	(20)	BITSTRING	0	SSXIAOSR	"X'011F'" IATOSGR Job Zero Spinoff Create 0116
32	(20)	BITSTRING	0	SSXIAOSO	"X'0120'" IATOSGR Job Zero Spinoff Open 0116 check
32	(20)	BITSTRING	0	SSXIASWC	"X'0121'" IATOSWC Print JESNEWS authorization
32	(20)	BITSTRING	0	SSXIAOS1	"X'0122'" IATOSGR WRITER class check for 0116 traditional writer
32	(20)	BITSTRING	0	SSXIAWD2	"X'0123'" IATOSWD WRITER class check for BSC/NJE writer
32	(20)	BITSTRING	0	SSXIAOS2	"X'0124'" IATOSBM WRITER class check for SNA/NJE or TCP/NJE writer
32	(20)	BITSTRING	0	SSXIAWD1	"X'0125'" IATOSWD JESSPOOL class check for traditional and BSC/NJE writer
32	(20)	BITSTRING	0	SSXIAOS3	"X'0126'" IATOSBM JESSPOOL class check for SNA/NJE or TCP/NJE writer
32	(20)	BITSTRING	0	SSXIAFG1	"X'0127'" IATOSFG JESSPOOL class check for FSS writer
				Comment	
				--- Process SYSOUT (PSO) AUTH Values. ---	
				End of Comment	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
32	(20)	BITSTRING	0	SSXIAUG1	"X'0128'" IATOSPC PSO Get by user id
32	(20)	BITSTRING	0	SSXIAUG2	"X'0129'" IATOSPC PSO Put by user id
32	(20)	BITSTRING	0	SSXIAREA	"X'012A'" IATOSPC PSO Read
32	(20)	BITSTRING	0	SSXIAALT	"X'012B'" IATOSPC PSO Alter

Comment

Miscellaneous AUTH Values.

End of Comment

32	(20)	BITSTRING	0	SSXIACMD	"X'012C'" IATCNIA Command authorization
32	(20)	BITSTRING	0	SSXIADJ1	"X'012D'" IATDJIN Restore multi-record file
32	(20)	BITSTRING	0	SSXIACGP	"X'012E'" IATGRPR CBPRNT data set create
32	(20)	BITSTRING	0	SSXIAOGP	"X'012F'" IATGRPR CBPRNT data set open
32	(20)	BITSTRING	0	SSXIAGRW	"X'0130'" IATGRWQ TSO Cancel authorization
32	(20)	BITSTRING	0	SSXIADJ2	"X'0131'" IATDJIN Purge multi-record file
32	(20)	BITSTRING	0	SSXIANUM	"X'0132'" IATSINU Notify User node authority D004

Comment

THIS LINE DELETED BY APAR OY58876

End of Comment

32	(20)	BITSTRING	0	SSXIASRO	"X'0133'" IATSIOR Internal Reader REOPEN

Comment

SYSOUT Application Programming Interface (SAPI)
AUTH value.

End of Comment

32	(20)	BITSTRING	0	SSXIASRD	"X'0134'" IATOSSO SAPI Read
32	(20)	BITSTRING	0	SSXIASAL	"X'0135'" IATOSSO SAPI Alter

Comment

SSI 70 (SWB modify) AUTH value

End of Comment

32	(20)	BITSTRING	0	SSXIASWB	"X'0136'" IATGR70 SWB_Modify

Comment

Job class SAF checks

End of Comment

32	(20)	BITSTRING	0	SSXIACSI	"X'0137'" IATISEN IS job submitter job class SAF
32	(20)	BITSTRING	0	SSXIACOI	"X'0138'" IATISEN IS job owner job class SAF
32	(20)	BITSTRING	0	SSXIACSF	"X'0139'" IATGRWM *F job submitter job class SAF
32	(20)	BITSTRING	0	SSXIACOF	"X'013A'" IATGRWM *F job owner job class SAF
32	(20)	BITSTRING	0	SSXIACOD	"X'013B'" IATDJIN DJ job owner job class SAF

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				--- Reserved for User AUTH Values. ---	
				End of Comment	
32	(20)	BITSTRING	0	SSXIAU01	"X'01E0'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU02	"X'01E1'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU03	"X'01E2'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU04	"X'01E3'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU05	"X'01E4'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU06	"X'01E5'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU07	"X'01E6'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU08	"X'01E7'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU09	"X'01E8'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU10	"X'01E9'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU11	"X'01EA'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU12	"X'01EB'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU13	"X'01EC'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU14	"X'01ED'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU15	"X'01EE'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU16	"X'01EF'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU17	"X'01F0'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU18	"X'01F1'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU19	"X'01F2'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU20	"X'01F3'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU21	"X'01F4'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU22	"X'01F5'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU23	"X'01F6'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU24	"X'01F7'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU25	"X'01F8'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU26	"X'01F9'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU27	"X'01FA'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU28	"X'01FB'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU29	"X'01FC'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU30	"X'01FD'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU31	"X'01FE'" Reserved for user
32	(20)	BITSTRING	0	SSXIAU32	"X'01FF'" Reserved for user
				Comment	
				EXTRACT Values	
				End of Comment	
		.... ..1.		SSXIEXTR	"X'02'" EXTRACT Request
				Comment	
				--- Password Encryption EXTRACT Values. ---	
				End of Comment	
32	(20)	BITSTRING	0	SSXIEDJN	"X'0201'" IATDJIN Encrypt password
32	(20)	BITSTRING	0	SSXIEISJ	"X'0202'" IATISEN Encrypt password
32	(20)	BITSTRING	0	SSXIENPE	"X'0203'" IATISNJ Encrypt password

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

				FACILITY EXTRACT values.	

				End of Comment	
32	(20)	BITSTRING	0	SSXIECSI	"X'0220'" IS job submitter job class SAF
32	(20)	BITSTRING	0	SSXIECOI	"X'0221'" IS job owner job class SAF
32	(20)	BITSTRING	0	SSXIECSF	"X'0222'" *F job submitter job class SAF
32	(20)	BITSTRING	0	SSXIECOF	"X'0223'" *F job owner job class SAF
32	(20)	BITSTRING	0	SSXIECOD	"X'0224'" DJ job owner job class SAF
				Comment	

				Reserved for User EXTRACT Values.	

				End of Comment	
32	(20)	BITSTRING	0	SSXIEU01	"X'02E0'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU02	"X'02E1'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU03	"X'02E2'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU04	"X'02E3'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU05	"X'02E4'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU06	"X'02E5'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU07	"X'02E6'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU08	"X'02E7'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU09	"X'02E8'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU10	"X'02E9'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU11	"X'02EA'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU12	"X'02EB'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU13	"X'02EC'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU14	"X'02ED'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU15	"X'02EE'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU16	"X'02EF'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU17	"X'02F0'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU18	"X'02F1'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU19	"X'02F2'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU20	"X'02F3'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU21	"X'02F4'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU22	"X'02F5'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU23	"X'02F6'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU24	"X'02F7'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU25	"X'02F8'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU26	"X'02F9'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU27	"X'02FA'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU28	"X'02FB'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU29	"X'02FC'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU30	"X'02FD'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU31	"X'02FE'" Reserved for user
32	(20)	BITSTRING	0	SSXIEU32	"X'02FF'" Reserved for user
				Comment	
				TOKENBLD Values	
				End of Comment	
		11		SSXITKBL	"X'03'" TOKENBLD Request

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- NJE TOKENBLD Values. ----------	
				End of Comment	
32	(20)	BITSTRING	0	SSXIBNIS	"X'0301'" IATNTJS Update token for inbound NJE SYSOUT stream
32	(20)	BITSTRING	0	SSXIBNRS	"X'0302'" IATNTRS Update token for rerouted NJE SYSOUT stream
				Comment	
				---------- Input Service TOKENBLD Values. ----------	
				End of Comment	
32	(20)	BITSTRING	0	SSXIBISJ	"X'0303'" IATISEN Update demand select job token with EXENODE/POE
32	(20)	BITSTRING	0	SSXIBISI	"X'0304'" IATISRI Update reader token with SESSION/POE (operator who called reader)
32	(20)	BITSTRING	0	SSXIBSRL	"X'0307'" IATISRL Update reader token with SESSION/POE (operator who started reader)
				Comment	
				---------- Initialization TOKENBLD Values. ----------	
				End of Comment	
32	(20)	BITSTRING	0	SSXIBINI	"X'0305'" IATINGN Create SYSLOW token for JESNEWS
32	(20)	BITSTRING	0	SSXIBING	"X'0306'" IATINGN Update JES3 token with EXENODE
				Comment	
				---------- 0 APPC TOKENBLD Values. 0 ---------- 0	
				End of Comment	
32	(20)	BITSTRING	0	SSXIBSAD	"X'0308'" IATSIAD Update APPC transaction 0325 data set token with EXENODE 0325
				Comment	
				---------- Reserved for User TOKENBLD Values. ----------	
				End of Comment	
32	(20)	BITSTRING	0	SSXIBU01	"X'03E0'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU02	"X'03E1'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU03	"X'03E2'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU04	"X'03E3'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU05	"X'03E4'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU06	"X'03E5'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU07	"X'03E6'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU08	"X'03E7'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU09	"X'03E8'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU10	"X'03E9'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU11	"X'03EA'" Reserved for user

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
32	(20)	BITSTRING	0	SSXIBU12	"X'03EB'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU13	"X'03EC'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU14	"X'03ED'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU15	"X'03EE'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU16	"X'03EF'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU17	"X'03F0'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU18	"X'03F1'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU19	"X'03F2'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU20	"X'03F3'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU21	"X'03F4'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU22	"X'03F5'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU23	"X'03F6'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU24	"X'03F7'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU25	"X'03F8'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU26	"X'03F9'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU27	"X'03FA'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU28	"X'03FB'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU29	"X'03FC'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU30	"X'03FD'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU31	"X'03FE'" Reserved for user
32	(20)	BITSTRING	0	SSXIBU32	"X'03FF'" Reserved for user

Comment

TOKENMAP Values

End of Comment

	.... .1..			SSXITKMP	"X'04'" TOKENMAP Request

Comment

NJE TOKENMAP Values.

End of Comment

32	(20)	BITSTRING	0	SSXIMNJJ	"X'0401'" IATISNJ Convert job token to external format for outbound NJE job stream JH and/or to map its contents
32	(20)	BITSTRING	0	SSXIMNSD	"X'0402'" IATNTDH Convert job token to external format for outbound NJE SYSOUT stream DSH
32	(20)	BITSTRING	0	SSXIMNSJ	"X'0403'" IATNTHT Convert job token to external format for outbound NJE SYSOUT stream JH
32	(20)	BITSTRING	0	SSXIMNIJ	"X'0404'" IATNTJS Convert inbound NJE job stream JH token to internal format
32	(20)	BITSTRING	0	SSXIMNIS	"X'0405'" IATNTJS Convert inbound NJE SYSOUT stream JH token to internal format
32	(20)	BITSTRING	0	SSXIMNST	"X'0406'" IATNTJS Map inbound NJE SYSOUT stream token
32	(20)	BITSTRING	0	SSXIMNJU	"X'0407'" IATNTJS Map NJE job stream unknown user token
32	(20)	BITSTRING	0	SSXIMNSX	"X'0408'" IATNTSF Map token returned by IATUX67
32	(20)	BITSTRING	0	SSXIMNRS	"X'0409'" IATNTRS Convert rerouted NJE SYSOUT stream JH token to internal format
32	(20)	BITSTRING	0	SSXIMNRJ	"X'040A'" IATNTRS Convert rerouted NJE job stream JH token to internal format
32	(20)	BITSTRING	0	SSXIMNRT	"X'040B'" IATNTRS Map rerouted NJE SYSOUT stream token
32	(20)	BITSTRING	0	SSXIMNRX	"X'040C'" IATNTRS Map token returned by IATUX67
32	(20)	BITSTRING	0	SSXIMNRB	"X'0415'" IATNTRS Map rerouted NJE SYSIN or 0588 SYSOUT Job-level token to 0588 external form 0588
32	(20)	BITSTRING	0	SSXIMNSE	"X'0419'" IATOSBP Convert inbound NJE SYSOUT stream DSH token to internal format

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

				Input Service TOKENMAP Values.	

				End of Comment	
32	(20)	BITSTRING	0	SSXIMISJ	"X'040D'" IATISEN Obtain information from job token during job validation
32	(20)	BITSTRING	0	SSXIMISE	"X'041C'" IATISEN Obtain information from submitter token for NJE jobs during job validation
				Comment	

				Output Service Related TOKENMAP Values.	

				End of Comment	
32	(20)	BITSTRING	0	SSXIMOSD	"X'040E'" IATOSDR Obtain information from JES3 token to update the job zero RQ
32	(20)	BITSTRING	0	SSXIMINI	"X'040F'" IATINGN Obtain information from 0116 JESNEWS token
32	(20)	BITSTRING	0	SSXIMOSO	"X'0412'" IATOSDO To place the Security label for the token into the MOSE
32	(20)	BITSTRING	0	SSXIMSIP	"X'041A'" IATSIOP Obtain information from JES3 token for PSO 0040
32	(20)	BITSTRING	0	SSXIMSMP	"X'0420'" IATSISO Obtain information from JES3 token for SAPI
				Comment	

				Miscellaneous TOKENMAP Values.	

				End of Comment	
32	(20)	BITSTRING	0	SSXIMDM1	"X'0410'" IATDMJA Obtain information from user token for PSO
32	(20)	BITSTRING	0	SSXIMDJ1	"X'0411'" IATDJIN Map job token during dump job input processing
32	(20)	BITSTRING	0	SSXIMOSN	"X'0413'" IATOSNT Map job token during NJE packaging for a destination
32	(20)	BITSTRING	0	SSXIMOS2	"X'0414'" IATOSNT Map job token during NJE packaging for a destination
32	(20)	BITSTRING	0	SSXIMAD1	"X'0416'" IATSIAD Map token during APPC SYSOUT Allocation
32	(20)	BITSTRING	0	SSXIMCD1	"X'0417'" IATGRCD Obtain information from user token for callable DSP
32	(20)	BITSTRING	0	SSXIMSTP	"X'0418'" IATIIST MAP TOKEN DURING SETUP OF C/I SECURITY ENVIRONMENT
32	(20)	BITSTRING	0	SSXIMAD2	"X'041B'" IATSIAD Map token during non-batch SYSOUT Allocation
32	(20)	BITSTRING	0	SSXIMSVJ	"X'0421'" IATGRES Map token for verbose job status
32	(20)	BITSTRING	0	SSXIMSVS	"X'0422'" IATGRES Map token for verbose output status
				Comment	

				Reserved for User TOKENMAP Values.	

				End of Comment	
32	(20)	BITSTRING	0	SSXIMU01	"X'04E0'" Reserved for user

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
32	(20)	BITSTRING	0	SSXIMU02	"X'04E1'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU03	"X'04E2'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU04	"X'04E3'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU05	"X'04E4'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU06	"X'04E5'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU07	"X'04E6'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU08	"X'04E7'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU09	"X'04E8'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU10	"X'04E9'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU11	"X'04EA'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU12	"X'04EB'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU13	"X'04EC'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU14	"X'04ED'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU15	"X'04EE'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU16	"X'04EF'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU17	"X'04F0'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU18	"X'04F1'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU19	"X'04F2'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU20	"X'04F3'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU21	"X'04F4'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU22	"X'04F5'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU23	"X'04F6'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU24	"X'04F7'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU25	"X'04F8'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU26	"X'04F9'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU27	"X'04FA'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU28	"X'04FB'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU29	"X'04FC'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU30	"X'04FD'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU31	"X'04FE'" Reserved for user
32	(20)	BITSTRING	0	SSXIMU32	"X'04FF'" Reserved for user

Comment

TOKENXTR Values

End of Comment

		.... .1.1		SSXITKXT	"X'05'" TOKENXTR Request
32	(20)	BITSTRING	0	SSXIXDMD	"X'0501'" IATDMDM Extract token of job's address space for ENDREQ processing to start a demand select job
32	(20)	BITSTRING	0	SSXIXDME	"X'0502'" IATDMEB3 Extract token of job's 11485TAC address space for internal reader ENDREQ processing
32	(20)	BITSTRING	0	SSXIXJNW	"X'0503'" IATINGN Extract JES3's token
32	(20)	BITSTRING	0	SSXIXSIA	"X'0504'" IATSIAD Extract token of job's address space for PSO/SAPI unallocation
32	(20)	BITSTRING	0	SSXIXSIC	"X'0505'" IATSICC Extract token of job's address space for internal reader ENDREQ processing
32	(20)	BITSTRING	0	SSXIXSCN	"X'0506'" IATSICN Extract token of job's address space for TSO cancel
32	(20)	BITSTRING	0	SSXIXSIJ	"X'0507'" IATSIJS Extract token for job who issued request jobid
32	(20)	BITSTRING	0	SSXIXPAL	"X'0508'" IATSIOP Extract token of job's address space for PSO allocation
32	(20)	BITSTRING	0	SSXIXSAD	"X'0509'" IATSIAD Extract data set token FOR SYSOUT ALLOCATION
32	(20)	BITSTRING	0	SSXIXNUM	"X'050A'" IATSINU Notify User token D004
32	(20)	BITSTRING	0	SSXIXSIR	"X'050B'" IATSIOR EXTRACT TOKEN OF JOB'S ADDRESS SPACE FOR INTERNAL READER SYSOUT CREATION
32	(20)	BITSTRING	0	SSXIXSAL	"X'050C'" IATSISO Extract token of job's address space for SAPI allocation
32	(20)	BITSTRING	0	SSXIXSWB	"X'050D'" IATSI70 Extract token of job's address space for SSI 70 (SWB_Modify)

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				--- Reserved for User TOKENXTR Values. ---	
				End of Comment	
32	(20)	BITSTRING	0	SSXIXU01	"X'05E0'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU02	"X'05E1'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU03	"X'05E2'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU04	"X'05E3'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU05	"X'05E4'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU06	"X'05E5'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU07	"X'05E6'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU08	"X'05E7'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU09	"X'05E8'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU10	"X'05E9'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU11	"X'05EA'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU12	"X'05EB'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU13	"X'05EC'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU14	"X'05ED'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU15	"X'05EE'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU16	"X'05EF'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU17	"X'05F0'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU18	"X'05F1'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU19	"X'05F2'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU20	"X'05F3'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU21	"X'05F4'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU22	"X'05F5'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU23	"X'05F6'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU24	"X'05F7'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU25	"X'05F8'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU26	"X'05F9'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU27	"X'05FA'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU28	"X'05FB'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU29	"X'05FC'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU30	"X'05FD'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU31	"X'05FE'" Reserved for user
32	(20)	BITSTRING	0	SSXIXU32	"X'05FF'" Reserved for user
				Comment	
				VERIFYX Values	
				End of Comment	
		.... .11.		SSXIVFYX	"X'06'" VERIFYX Request
				Comment	
				--- NJE VERIFYX Values. ---	
				End of Comment	
32	(20)	BITSTRING	0	SSXIVNJE	"X'0601'" IATCNNJ NJE node validation
32	(20)	BITSTRING	0	SSXIVNOI	"X'0602'" IATISNJ Create INTRDR token for outbound NJE job stream
32	(20)	BITSTRING	0	SSXIVNOE	"X'0603'" IATISNJ Create unknown user token for outbound NJE job stream
32	(20)	BITSTRING	0	SSXIVNJV	"X'0604'" IATISNJ Job validation for outbound NJE job stream
32	(20)	BITSTRING	0	SSXIVNIS	"X'0605'" IATNTJS Job validation for inbound NJE SYSOUT stream

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
32	(20)	BITSTRING	0	SSXIVNIU	"X'0606'" IATNTJS Create unknown user token for inbound NJE SYSOUT stream
32	(20)	BITSTRING	0	SSXIVNJU	"X'0607'" IATNTJS Create unknown user token for store and forward NJE job stream
32	(20)	BITSTRING	0	SSXIVNRR	"X'0609'" IATNTRS Reverify token for NJE reroute to a remote node
32	(20)	BITSTRING	0	SSXIVNRS	"X'060A'" IATNTRS Job validation for NJE SYSOUT rerouted to the home node
32	(20)	BITSTRING	0	SSXIVNRU	"X'060B'" IATNTRS Create unknown user token for NJE SYSOUT rerouted to the home node
				Comment	

				Input Service VERIFYX Values.	

				End of Comment	
32	(20)	BITSTRING	0	SSXIVISJ	"X'060D'" IATISEN Job validation for jobs destined for execution on this node
				Comment	

				RJP VERIFYX Values.	

				End of Comment	
32	(20)	BITSTRING	0	SSXIVRJM	"X'060E'" IATRJM3 BSC RJP SIGNON
32	(20)	BITSTRING	0	SSXIVSNL	"X'060F'" IATSNLS SNA RJP LOGON
				Comment	

				Dump Job VERIFYX Values.	

				End of Comment	
32	(20)	BITSTRING	0	SSXIVDJ1	"X'0610'" IATDJIN Verify a job from a previous JES3 release
32	(20)	BITSTRING	0	SSXIVDJ2	"X'0611'" IATDJIN Verify a job from the current JES3 release
32	(20)	BITSTRING	0	SSXIVDJ3	"X'0612'" IATDJIN Verify a job whose session type is TKNUNKWN
				Comment	

				Reserved for User VERIFYX Values.	

				End of Comment	
32	(20)	BITSTRING	0	SSXIVU01	"X'06E0'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU02	"X'06E1'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU03	"X'06E2'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU04	"X'06E3'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU05	"X'06E4'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU06	"X'06E5'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU07	"X'06E6'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU08	"X'06E7'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU09	"X'06E8'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU10	"X'06E9'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU11	"X'06EA'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU12	"X'06EB'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU13	"X'06EC'" Reserved for user

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
32	(20)	BITSTRING	0	SSXIVU14	"X'06ED'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU15	"X'06EE'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU16	"X'06EF'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU17	"X'06F0'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU18	"X'06F1'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU19	"X'06F2'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU20	"X'06F3'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU21	"X'06F4'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU22	"X'06F5'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU23	"X'06F6'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU24	"X'06F7'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU25	"X'06F8'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU26	"X'06F9'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU27	"X'06FA'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU28	"X'06FB'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU29	"X'06FC'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU30	"X'06FD'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU31	"X'06FE'" Reserved for user
32	(20)	BITSTRING	0	SSXIVU32	"X'06FF'" Reserved for user

Comment

AUDIT Values.

End of Comment

.... .111		SSXIAUDT		"X'07'" AUDIT Request

Comment

Job Deletion AUDIT Values.

End of Comment

32	(20)	BITSTRING	0	SSXAUJVL	"X'0701'" IATINJR Job Validation deletion
32	(20)	BITSTRING	0	SSXAUCAN	"X'0702'" IATGRWM Cancel delete-only job

Comment

Reserved for User AUDIT Values.

End of Comment

32	(20)	BITSTRING	0	SSXAUU01	"X'07E0'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU02	"X'07E1'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU03	"X'07E2'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU04	"X'07E3'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU05	"X'07E4'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU06	"X'07E5'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU07	"X'07E6'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU08	"X'07E7'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU09	"X'07E8'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU10	"X'07E9'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU11	"X'07EA'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU12	"X'07EB'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU13	"X'07EC'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU14	"X'07ED'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU15	"X'07EE'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU16	"X'07EF'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU17	"X'07F0'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU18	"X'07F1'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU19	"X'07F2'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU20	"X'07F3'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU21	"X'07F4'" Reserved for user

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
32	(20)	BITSTRING	0	SSXAUU22	"X'07F5'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU23	"X'07F6'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU24	"X'07F7'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU25	"X'07F8'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU26	"X'07F9'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU27	"X'07FA'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU28	"X'07FB'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU29	"X'07FC'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU30	"X'07FD'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU31	"X'07FE'" Reserved for user
32	(20)	BITSTRING	0	SSXAUU32	"X'07FF'" Reserved for user

Comment

0

VERIFY Values. 0

0

End of Comment

	.... 1...			SSXIVRFY	"X'08'" VERIFY Request 0039

Comment

---------- 0

C/I Subtask VERIFY Values. 0

---------- 0

End of Comment

32	(20)	BITSTRING	0	SSXVFCRT	"X'0801'" IATIIST Create ACEE for C/I 0039
32	(20)	BITSTRING	0	SSXVFDEL	"X'0802'" IATIIST Delete ACEE for C/I 0039

Comment

---------- 0

Reserved for User VERIFY Values. 0

---------- 0

End of Comment

32	(20)	BITSTRING	0	SSXVFU01	"X'08E0'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU02	"X'08E1'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU03	"X'08E2'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU04	"X'08E3'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU05	"X'08E4'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU06	"X'08E5'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU07	"X'08E6'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU08	"X'08E7'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU09	"X'08E8'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU10	"X'08E9'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU11	"X'08EA'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU12	"X'08EB'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU13	"X'08EC'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU14	"X'08ED'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU15	"X'08EE'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU16	"X'08EF'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU17	"X'08F0'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU18	"X'08F1'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU19	"X'08F2'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU20	"X'08F3'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU21	"X'08F4'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU22	"X'08F5'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU23	"X'08F6'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU24	"X'08F7'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU25	"X'08F8'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU26	"X'08F9'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU27	"X'08FA'" Reserved for user 0039

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
32	(20)	BITSTRING	0	SSXVFU28	"X'08FB'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU29	"X'08FC'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU30	"X'08FD'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU31	"X'08FE'" Reserved for user 0039
32	(20)	BITSTRING	0	SSXVFU32	"X'08FF'" Reserved for user 0039

Comment

0
0

User Exit Read-Write Values.
The following information can be updated by IATUX58 and IATUX59. Modifying these values will affect the information passed on the RACROUTE macro.
The value in parenthesis is the keyword on the IATXSEC macro that causes the field to be filled in.
IATXSEC Keyword Information.

Access Authority Attribute (ATTR)

End of Comment

34	(22)	BITSTRING	1	SSXATTR	Access Authority Attribute
		1...		SSXAALTR	"X'80'" Alter access
		.... 1...		SSXACNTL	"X'08'" Control access
		.... .1..		SSXAUPDT	"X'04'" Update access
		.... ..1.		SSXAREAD	"X'02'" Read access

Comment

Execution Node (EXENODE)

End of Comment

35	(23)	CHARACTER	9	SSXEXNOD (0)	Execution Node
35	(23)	CHARACTER	1	SSXEXNDL	Execution Node Length
36	(24)	CHARACTER	8	SSXEXNDF	Execution Node Field

Comment

Entity Name (ENTITY or ENTITYX)
SSXENTIT is in ENTITY format unless SSX1ENTX is set.

End of Comment

44	(2C)	CHARACTER	53	SSXENTIT	Entity or Entityx name

Comment

Group Name (GROUP)

End of Comment

97	(61)	CHARACTER	9	SSXGROUP (0)	Group Name
97	(61)	CHARACTER	1	SSXGROUL	Group Name Length
98	(62)	CHARACTER	8	SSXGROUF	Group Name Field

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

				Job Name (JOBNAME)	

				End of Comment	
106	(6A)	CHARACTER	8	SSXJOBNM	Job Name
				Comment	

				Log Option (LOG)	

				End of Comment	
114	(72)	BITSTRING	1	SSXLOG	LOG OPTION
		1		SSXASIS	"X'01'" LOG=ASIS
		.... ..1.		SSXNFAIL	"X'02'" LOG=NFAIL
		11		SSXNSTAT	"X'03'" LOG=NSTAT
		.... .1..		SSXNONE	"X'04'" LOG=NONE
				Comment	

				Log String (LOGSTR)	

				End of Comment	
115	(73)	CHARACTER	256	SSXLGSTR (0)	Log String
115	(73)	CHARACTER	1	SSXLGSTL	Log String Length
116	(74)	CHARACTER	255	SSXLGSTF	Log String Field
				Comment	

				New Password (NEWPASS)	

				End of Comment	
371	(173)	CHARACTER	9	SSXNPASS (0)	New Password
371	(173)	CHARACTER	1	SSXNPASL	New Password Length
372	(174)	CHARACTER	8	SSXNPASF	New Password Field
				Comment	

				Password Checking Option (PASSCHK)	

				End of Comment	
380	(17C)	BITSTRING	1	SSXPASCK	Password Checking Option
		1		SSXPCYES	"X'01'" PASSCHK=YES
		.... ..1.		SSXPCNO	"X'02'" PASSCHK=NO
				Comment	

				Old Password (PASSWORD)	

				End of Comment	
381	(17D)	CHARACTER	9	SSXPASWD (0)	Password
381	(17D)	CHARACTER	1	SSXPASWL	Password Length

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
382	(17E)	CHARACTER	8	SSXPASWF	Password Field
		Comment			
		Port (Point) of Entry (POE)			
		End of Comment			
390	(186)	CHARACTER	8	SSXPOE	Port of Entry
		Comment			
		Receiving User Name (RECVR)			
		End of Comment			
398	(18E)	CHARACTER	8	SSXRECVR	Receiver Name
		Comment			
		Resource Token (RTOKEN)			
		End of Comment			
406	(196)	BITSTRING	1	SSXRTOKN	Resource Token
		Comment			
		Security Label (SECLABEL)			
		End of Comment			
486	(1E6)	CHARACTER	8	SSXSECLB	Security Label
		Comment			
		Submitter's Group (SGROUP)			
		End of Comment			
494	(1EE)	CHARACTER	9	SSXSGRP (0)	Submitter's Group
494	(1EE)	CHARACTER	1	SSXSGRPL	Submitter's Group Length
495	(1EF)	CHARACTER	8	SSXSGRPF	Submitter's Group Field
		Comment			
		Submitter's Node (SNODE)			
		End of Comment			
503	(1F7)	CHARACTER	9	SSXSNODE (0)	Submitter's Node
503	(1F7)	CHARACTER	1	SSXSNODL	Submitter's Node Length
504	(1F8)	CHARACTER	8	SSXSNODF	Submitter's Node Field

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				--- Submitter's Token (STOKEN) ---	
				End of Comment	
512	(200)	BITSTRING	1	SSXSTOKN	Submitter's Token
				Comment	
				--- Submitter's Userid (SUSERID) ---	
				End of Comment	
592	(250)	CHARACTER	9	SSXSUSRI (0)	Submitter's User id
592	(250)	CHARACTER	1	SSXSUSRL	Submitter's User id Length
593	(251)	CHARACTER	8	SSXSUSRF	Submitter's User id Field
				Comment	
				--- Input Token (TOKNIN) ---	
				End of Comment	
601	(259)	BITSTRING	1	SSXTOKIN	Input Token
				Comment	
				--- Output Token (TOKNOUT) ---	
				End of Comment	
681	(2A9)	BITSTRING	1	SSXTOKOT	Output Token
				Comment	
				--- Trusted User Attribute (TRUSTED) ---	
				End of Comment	
761	(2F9)	BITSTRING	1	SSXTRUST	Trusted User Attribute
		1		SSXTRYES	"X'01'" TRUSTED=YES
		.... ..1.		SSXTRNO	"X'02'" TRUSTED=NO
				Comment	
				--- User Id (USERID) ---	
				End of Comment	
762	(2FA)	CHARACTER	9	SSXUSERI (0)	User Id
762	(2FA)	CHARACTER	1	SSXUSERL	User Id Length
763	(2FB)	CHARACTER	8	SSXUSERF	User Id Field

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

		User Token (UTOKEN)			

		End of Comment			
771	(303)	BITSTRING	1	SSXUTOKN	User Token
		Comment			
		SAF Work Area Address - SSXWORKA points to a 512 byte work area that can be used by the user exits.			
		End of Comment			
852	(354)	SIGNED	4	SSXWORKA	SAF Work Area Address
		Comment			
		Miscellaneous Read/Write data that applies to the specific IATXSEC function being invoked.			

		TSO Cancel Data.			

		End of Comment			
856	(358)	ADDRESS	4	SSXPSSCS	IEFSSCS address
860	(35C)	ADDRESS	4	SSXPTMID	Tso Terminal Id address
		Comment			
		---------- 0			
		Tokenout for REQUEST = TOKENMAP 0			
		---------- 0			
		End of Comment			
864	(360)	ADDRESS	4	SSXTKOUT	Address of Output Token 0040
		Comment			

		Session Type (SESSION)			

		End of Comment			
868	(364)	BITSTRING	1	SSXSSION	Session Type
		1		SSXSSEXB	"X'01'" SESSION=EXTBATCH
		.... ..1.		SSXSSINB	"X'02'" SESSION=INTBATCH
		11		SSXSSNJB	"X'03'" SESSION=NJEBATCH
		.... .1..		SSXSSRJB	"X'04'" SESSION=RJEBATCH
		.... .1.1		SSXSSNJO	"X'05'" SESSION=NJEOPER
		.... .11.		SSXSSRJO	"X'06'" SESSION=RJEOPER
		.... .111		SSXSSSTR	"X'07'" SESSION=STARTED
		.... 1...		SSXSSTSO	"X'08'" SESSION=TSO
		.... 1..1		SSXSSNJS	"X'09'" SESSION=NJSYSOUT
		.... 1.1.		SSXSSTKU	"X'0A'" SESSION=TKNUNKWN
		Comment			

		Reserved Fields.			

		End of Comment			

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
869	(365)	BITSTRING	1	SSXRWRSF (3)	Reserved for Development
872	(368)	SIGNED	4	SSXRWRSD (2)	Reserved for Development 0040
880	(370)	SIGNED	4	SSXRWRSS (7)	RESERVED FOR SERVICE
		Comment			

		STARTED PROCEDURE NAME (START)			

		End of Comment			
908	(38C)	CHARACTER	8	SSXSTPRC	STARTED PROCEDURE NAME
		Comment			

		Input Service VERIFYX call			

		End of Comment			
916	(394)	ADDRESS	4	SSXACTIA	Accounting Info address
		Comment			
		User Exit Read-Only Values.			
		The following information can only be read by IATUX58 and IATUX59. Modifying these values will not affect the information passed on the RACROUTE macro.			
		The value in parenthesis is the keyword on the IATXSEC macro that causes the field to be filled in.			
		IATXSEC Keyword Information.			

		Resource Class (CLASS)			

		End of Comment			
920	(398)	CHARACTER	8	SSXCLASS	Resource Class
		Comment			

		Message Control Options (MSGCNTL)			

		End of Comment			
928	(3A0)	BITSTRING	1	SSXMCNTL	Message Control Options
		1		SSXMCWTO	"X'01'" Write messages to the operator. If off, messages should be suppressed.
		.... ..1.		SSXMCRTN	"X'02'" Return messages to the caller. If off, messages should not be returned
		.... .1..		SSXMCJES	"X'04'" Write messages to JESMSGLG, that is, the exit should return messages so that they can be written to JESMSGLG. If off, don't write messages to JESMSGLG.
		Comment			

		IATXSEC Mode (MODE)			

		End of Comment			
929	(3A1)	BITSTRING	1	SSXMODE	IATXSEC Mode
		1...		SSXNUCMD	"X'80'" JES3 Nuc Task Mode - Set when MODE=NUCTASK is specified on IATXSEC macro

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.1..		SSXINIMD	"X'40'" JES3 Initialization Mode - Set when MODE=INIT is specified on IATXSEC macro
		..1.		SSXSTKMD	"X'20'" JES3 Subtask Mode - Set when MODE=SUBTASK is specified on IATXSEC macro
		...1		SSXUSRMD	"X'10'" User Address Space Mode - Set when MODE=user is specified on IATXSEC macro
		Comment			
		---------- Output Token Format (FORMOUT) ----------			
		End of Comment			
930	(3A2)	BITSTRING	1	SSXFRMOT	Output Token Format
		1...		SSXFOINT	"X'80'" Convert token from external to internal (encrypted) format
		.1..		SSXFOEXT	"X'40'" Convert token from internal (encrypted) to external format
		Comment			
		---------- Remote Job Indicator (REMOTE) ----------			
		End of Comment			
931	(3A3)	BITSTRING	1	SSXREMOT	Remote Job Indicator
		1		SSXRMYES	"X'01'" REMOTE=YES
		.... ..1.		SSXRMNO	"X'02'" REMOTE=NO
		Comment			
		---------- Encryption Address and Method - and - Password Encryption Attribute (ENCRYPT) For VERIFYX requests, SSXENCRT contains the encryption attribute. For EXTRACT (ENCRYPT) requests, SSXENCRY contains the address of a one byte length field, followed by the data to be encrypted, and SSXENCME contains the encryption method to be used. ----------			
		End of Comment			
932	(3A4)	ADDRESS	4	SSXENCRY	Address of length/data to be encrypted
936	(3A8)	BITSTRING	1	SSXENCME	Encryption method to be used
		1...		SSXENDES	"X'80'" ENCRYPT=(,DES)
		.1..		SSXENINS	"X'40'" ENCRYPT=(,INST)
		..1.		SSXENHAS	"X'20'" ENCRYPT=(,HASH)
936	(3A8)	X'3A8'	0	SSXENCRT	"SSXENCME" Encryption attribute
		1		SSXENCYS	"X'01'" ENCRYPT=YES
		.... ..1.		SSXENCNO	"X'02'" ENCRYPT=NO
		Comment			
		---------- 0 Environment-Create or Delete ACEE (ENVIR) 0 ---------- 0			
		End of Comment			
937	(3A9)	BITSTRING	1	SSXENV	ENVIRONMENT 0039
		1		SSXENVCR	"X'01'" ENVIRONMENT=CREATE 0039
		.... ..1.		SSXENVDL	"X'02'" ENVIRONMENT=DELETE 0039

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		Miscellaneous Read/Only data that applies to the specific IATXSEC function being invoked.			

		NJE Information (NJE AUTH calls)			

				End of Comment	
940	(3AC)	SIGNED	4	SSXNJEJH	Address of NJE job header
944	(3B0)	SIGNED	4	SSXNJEDH	Address of NJE data set header
				Comment	

		Output Service Information (Traditional and FSS Writer as well as Process SYSOUT AUTH calls).			

				End of Comment	
948	(3B4)	SIGNED	2	SSXWPSLC	WSPSELC (Logical length of WSPSELM)
950	(3B6)	CHARACTER	8	SSXWJNAM	WTRDJNAM (Job Name)
958	(3BE)	CHARACTER	8	SSXWJBID	WTRDJID (Job Id)
966	(3C6)	BITSTRING	24	SSXDDSN	WTRDDSN (Writer DDname)
990	(3DE)	BITSTRING	16	SSXWPSLM	WSPSELM (Selection mask)
1006	(3EE)	BITSTRING	1	SSXOPRTY	OSEPRTY (Priority of OSE)
1007	(3EF)	BITSTRING	8	SSXODEST	OSEDEST (Destination)
1015	(3F7)	CHARACTER	4	SSXOMDID	OSEMODID (Copy Mod Id)
1019	(3FB)	BITSTRING	1	SSXOSTCK	OSESTACK (Stacker required)
1020	(3FC)	CHARACTER	8	SSXOTYPE	OSETYPE (Requested type)
1028	(404)	CHARACTER	8	SSXOFRMS	OSEFORMS (Required forms)
1036	(40C)	CHARACTER	4	SSXOFLSH	OSEFLASH (Required flash)
1040	(410)	CHARACTER	4	SSXOUCS	OSEUCS (Required UCS Id)
1044	(414)	BITSTRING	1	SSXOCLSS	OSECLASS (SYSOUT class)
1045	(415)	CHARACTER	8	SSXOMODE	OSEMODE (Process mode)
1053	(41D)	BITSTRING	1	SSXOFLAG	OSEFLAG (PSO/SAPI call only)
1054	(41E)	CHARACTER	8	SSXOWTRN	OSE WRITER NAME (PSO/SAPI)
1062	(426)	BITSTRING	2	SSXORSVD	Reserved for Development
1064	(428)	ADDRESS	4	SSXOSSSO	Pointer to PSO's IEFSSSO/ SAPI's IAZSSS2
1068	(42C)	BITSTRING	1	SSXJRFL1	JNRSFL1 Flag
				Comment	

		Definition of SSXJRFL1 (Same as JNRSFL1)			

				End of Comment	
		1...		SSXPRG	"X'80'" Data set to be purged
		.... .1..		SSXLCL	"X'04'" This is the local JESNEWS
		.... ..1.		SSXTSO	"X'02'" This is the TSO JESNEWS
		1		SSXRJP	"X'01'" This is the RJP JESNEWS
		.... .111		SSXDSN	"X'07'" Mask for all the datasets
1069	(42D)	BITSTRING	1	SSXNEWFL	JNEWFL1 Flag
				Comment	

		Definition of SSXNEWFL (Same as JNEWFL1)			

				End of Comment	
		.1..		SSXJNEW	"X'40'" Request for add JESNEWS
		..1.		SSXJREP	"X'20'" Request for replace JESNEWS

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		...1		SSXJDEL	"X'10'" Request for delete JESNEWS
		.111		SSXJTYP	"X'70'" Mask for all requests
		.... 1...		SSXPRCS	"X'08'" / PROCESS job
		1...		SSXPWD	"X'80'" Password entered correctly
		Comment			
		Definition of SSX1FLAG			
		End of Comment			
1070	(42E)	BITSTRING	1	SSX1FLAG	Flag 1
		1...		SSX1ENTX	"X'80'" SSXENTIT is in ENTITYX form
		.1..		SSX1F40	"X'40'" Reserved for IBM
		..1.		SSX1F20	"X'20'" Reserved for IBM
		...1		SSX1F10	"X'10'" Reserved for IBM
		.... 1...		SSX1F08	"X'08'" Reserved for IBM
		.... .1..		SSX1F04	"X'04'" Reserved for IBM
		.... ..1.		SSX1F02	"X'02'" Reserved for IBM
		1		SSX1F01	"X'01'" Reserved for IBM
		Comment			
		Reserved Fields.			
		End of Comment			
1071	(42F)	BITSTRING	1	SSXRORS1 (3)	Reserved for IBM
1076	(434)	SIGNED	4	SSXRORSD (3)	Reserved for IBM
1088	(440)	SIGNED	4	SSXRORSS (10)	Reserved for IBM
		Comment			
		Input Parameters Common to All IATXSEC Calls.			
		End of Comment			
1128	(468)	ADDRESS	4	SECRQ	RQ address - set when the RQ keyword is specified on the IATXSEC macro
1132	(46C)	ADDRESS	4	SECFDB	FDB address - set when the FDB keyword is specified on the IATXSEC macro
1136	(470)	SIGNED	2	SECLINES	Number of output lines written to the data set specified by the IATXSEC FDB parameter. This field is really an IATXSEC output value but can be passed as an input value so that you can accumulate the line count across multiple IATXSEC calls
		Comment			
		Input Parameters Specific to Certain IATXSEC calls.			
		System Authorization (SAF) Class -			
		IATXSEC Parameter - CLASS			
		Applicable IATXSEC Functions - REQUEST=AUTH, EXTRACT			
		End of Comment			
1138	(472)	CHARACTER	9	SECCLASS (0)	SAF Class
1138	(472)	CHARACTER	1	SECCLASL	Length of SAF Class
1139	(473)	CHARACTER	8	SECCLAS	Class Name

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

				Encryption Address and Method	
				- and -	
				Password Encryption Attribute	
				IATXSEC Parameter - ENCRYPT	
				Applicable IATXSEC Functions - REQUEST=EXTRACT, VERIFYX	

				End of Comment	
1148	(47C)	ADDRESS	4	SECENCRY	Encrypt data address (only used for EXTRACT - TYPE=ENCRYPT requests)
1152	(480)	BITSTRING	1	SECENCME	Encryption method to be used (only used for EXTRACT - TYPE=ENCRYPT requests)
1152	(480)	X'80'	0	SECENDES	"SSXENDES" ENCRYPT=(,DES) was specified
1152	(480)	X'40'	0	SECENINS	"SSXENINS" ENCRYPT=(,INST) was specified
1152	(480)	X'20'	0	SECENHAS	"SSXENHAS" ENCRYPT=(,HASH) was specified
1152	(480)	X'480'	0	SECENCRT	"SECENCME" Password Encryption Attribute (only used for VERIFYX requests)
1152	(480)	X'1'	0	SECENCYS	"SSXENCYS" ENCRYPT=YES was specified
1152	(480)	X'2'	0	SECENCNO	"SSXENCNO" ENCRYPT=NO was specified
				Comment	
				---------- 0	
				ENVIRONMENT Parameter 0	
				0	
				IATXSEC Parameter - ENVIR 0	
				0	
				Applicable IATXSEC Functions - REQUEST=VERIFY 0	
				0	
				---------- 0	
				End of Comment	
1153	(481)	BITSTRING	1	SECENV	Envir Parameter 0039
1153	(481)	X'1'	0	SECENVCR	"SSXENVCR" ENVIR=CREATE was specified 0039
1153	(481)	X'2'	0	SECENVDL	"SSXENVDL" ENVIR=DELETE was specified 0039
				Comment	

				Format of Output Token	
				IATXSEC Parameter - FORMOUT	
				Applicable IATXSEC Functions - REQUEST=TOKENMAP	

				End of Comment	
1154	(482)	BITSTRING	1	SECFRMOT	Format of Output token
1154	(482)	X'80'	0	SECFOINT	"SSXFOINT" Convert token from external to internal (encrypted) format
1154	(482)	X'40'	0	SECFOEXT	"SSXFOEXT" Convert token from internal (encrypted) to external format
				Comment	

				Fields to be Extracted.	
				IATXSEC Parameter - FIELDS	
				Applicable IATXSEC Functions - REQUEST=EXTRACT	

				End of Comment	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1156	(484)	SIGNED	4	SECFLDST (0)	Start of Fields
1156	(484)	SIGNED	4	SECFLDNO	Number of Fields
1160	(488)	CHARACTER	8	SECFLDDT	Field Data
1160	(488)	X'484'	0	SECFIELD	"SECFLDST,*-SECFLDST,C'C'" Fields

Comment

SMF Record Character String
IATXSEC Parameter - LOGSTR
Applicable IATXSEC Functions - REQUEST=AUTH,
VERIFYX,
TOKENBLD,
AUDIT,
VERIFY 0

End of Comment

1168	(490)	ADDRESS	4	SECLOGST	Address of Log string

Comment

Remote Job Indication
IATXSEC Parameter - REMOTE
Applicable IATXSEC Functions - REQUEST=VERIFYX

End of Comment

1172	(494)	BITSTRING	1	SECREMOT	Remote Job Indication
1172	(494)	X'1'	0	SECRMYES	"SSXRMYES" REMOTE=YES was specified
1172	(494)	X'2'	0	SECRMNO	"SSXRMNO" REMOTE=NO was specified
1173	(495)	BITSTRING	1	SECGFLG1	General Flag One

Comment

Definition of SECGFLG1

End of Comment

1...		SECGPWEC	"X'80'" Passwords are Encrypted
.1..		SECGRS40	"X'40'" Reserved flag
..1.		SECGRS20	"X'20'" Reserved flag
...1		SECGRS10	"X'10'" Reserved flag
.... 1...		SECGRS08	"X'08'" Reserved flag
.... .1..		SECGRS04	"X'04'" Reserved flag
.... ..1.		SECGRS02	"X'02'" Reserved flag
....1		SECGRS01	"X'01'" Reserved flag

Comment

IATXSEC Output Area - This area contains information
that is passed back to the issuer of IATXSEC. The
entire output area is cleared by the IATXSEC
routine.

End of Comment

1174	(496)	BITSTRING	1	SECOUTST (0)	IATXSEC Output Area

Comment

Return and reason codes.

End of Comment

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1174	(496)	BITSTRING	1	SECRTNCD	IATXSEC Return Code
				Comment	

				Definition of SECRTNCD	

				End of Comment	
1174	(496)	X'0'	0	SECRCACC	"0" Accept
1174	(496)	X'4'	0	SECRCNDC	"4" No Decision
1174	(496)	X'8'	0	SECRCREJ	"8" Reject
				Comment	
				Miscellaneous Output Information.	
				End of Comment	
1176	(498)	SIGNED	4	SECMSGHD	Message Chain Header
1180	(49C)	ADDRESS	4	SECEAREA	Address of Extract Return Area
				Comment	
				Recovery related flag byte. This flag byte can be used by the recovery routines of modules which use the IATXSEC service to determine whether special recovery processing needs to be performed.	
				End of Comment	
1184	(4A0)	BITSTRING	1	SECFLAG1	Recovery related flag
				Comment	

				Definition of SECFLAG1.	

				End of Comment	
		1...		SECUX58F	"X'80'" IATUX58 is in control
		.1..		SECUX59F	"X'40'" IATUX59 is in control
		..1.		SECRECUR	"X'20'" Recursion indicator - set when IATXSEC JESTAE exit is entered for the first time
		...1		SECJMSOP	"X'10'" JESMSG data set is open
		.... 1...		SECFL108	"X'08'" Reserved Flag
		.... .1..		SECFL104	"X'04'" Reserved Flag
		.... ..1.		SECFL102	"X'02'" Reserved Flag
		1		SECFL101	"X'01'" Reserved Flag
				Comment	

				End of IATXSEC Output Area.	

				End of Comment	
1185	(4A1)	BITSTRING	1	SECOUTEN (0)	End of IATXSEC Output Area
1185	(4A1)	X'B'	0	SECOUTSZ	"SECOUTEN-SECOUTST" Size of IATXSEC Output Area

IATYSEC Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				IATXSEC Work Area - This area contains information used by the IATXSEC service routine. Callers of IATXSEC should not rely on any data that is left in this area when the IATXSEC service completes.	
				End of Comment	
1188	(4A4)	SIGNED	4	SECSAVE (18)	Register save area
1260	(4EC)	ADDRESS	4	SECBASE	Base register save area
1264	(4F0)	ADDRESS	4	SECRETRN	Return register save area
1268	(4F4)	CHARACTER	8	SECSUBSY	Subsystem Name
				Comment	
				RACROUTE Parameter Lists.	
				End of Comment	
1276	(4FC)	SIGNED	4	SECLIST (0)	RACROUTE Parmlists
				Comment	

				RACROUTE REQUEST=AUTH Parameter List	

				RACROUTE REQUEST=AUTH, RACROUTE AUTH Parmlist X	
				End of Comment	
				Comment	

				RACROUTE REQUEST=EXTRACT Parameter List.	

				End of Comment	
				Comment	
				RACROUTE REQUEST=EXTRACT, RACROUTE EXTRACT Parmlist X	
				End of Comment	
				Comment	

				RACROUTE REQUEST=TOKENBLD Parameter List	

				End of Comment	
				Comment	
				RACROUTE REQUEST=TOKENBLD, RACROUTE TOKENBLD Parmlist X	
				End of Comment	
				Comment	

				RACROUTE REQUEST=TOKENMAP Parameter List	

				End of Comment	

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

Comment

RACROUTE REQUEST=TOKENMAP, RACROUTE TOKENMAP Parmlist X

End of Comment

Comment

RACROUTE REQUEST=TOKENXTR Parameter List

End of Comment

Comment

RACROUTE REQUEST=TOKENXTR, RACROUTE TOKENXTR Parmlist X

End of Comment

Comment

RACROUTE REQUEST=VERIFYX Parameter List

End of Comment

Comment

RACROUTE REQUEST=VERIFYX, RACROUTE VERIFYX Parmlist X

End of Comment

Comment

---------- 0

RACROUTE REQUEST=AUDIT Parameter List 0

---------- 0

End of Comment

Comment

RACROUTE REQUEST=AUDIT, RACROUTE AUDIT Parmlist 0

End of Comment

Comment

---------- 0

RACROUTE REQUEST=VERIFY Parameter List 0

---------- 0

End of Comment

Comment

RACROUTE REQUEST=VERIFY, RACROUTE VERIFY Parmlist 0

End of Comment

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				--- Reserve size of largest parameter list. ---	
				End of Comment	
1480	(5C8)	X'CC'	0	SECLISTL	"*-SECLIST" Length of largest list area
				Comment	
				SAF Work Area	
				End of Comment	
1480	(5C8)	BITSTRING	512	SECWORK	SAF Work Area
				Comment	
				Work area for building IATXSEC description for IATXCSF request.	
				End of Comment	
1480	(5C8)	CHARACTER	16	SECSTDSC (0)	IATXCSF description text
1480	(5C8)	CHARACTER	8	SECSTPFX	Prefix information
1488	(5D0)	CHARACTER	4	SECSTIDX	SSXINDEX converted to printable hex
				Comment	
				Message Work Area for issuing JESMSG.	
				End of Comment	
1480	(5C8)	CHARACTER	121	SECJESMG (0)	JESMSG message area
1480	(5C8)	CHARACTER	1	SECJESML	Message length
1481	(5C9)	CHARACTER	120	SECJESMT	Message text - This is used by the IATXSEC service routine to convert the message from WTO form to JESMSG form
1604	(644)	ADDRESS	4	SECMLPTR	Pointer to MLTE (the address of SECMLPTR is passed to IEAVM703)
1608	(648)	SIGNED	4	SECMLTE (0)	Start of Multi-Line WTO Text Extraction Parameter LIST (MLTE)
				Comment	
				DSECT for issuing IAT6300 via WTO	
				End of Comment	
1608	(648)	SIGNED	4	IAT6300 (0)	
1608	(648)	ADDRESS	2		TEXT LENGTH
1610	(64A)	BITSTRING	2		MCSFLAGS
1612	(64C)	CHARACTER	44		
1656	(678)	BITSTRING	2		DESCRIPTOR CODES
1658	(67A)	BITSTRING	2		ROUTING CODES
1658	(67A)	X'34'	0	IAT6300L	"*-IAT6300" Length of message area
1658	(67A)	X'65E'	0	I6300EX	"IAT6300+22,2" Exit number
				Comment	
				--- Reset location counter. ---	
				End of Comment	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				End of Macro	
				End of Comment	
1992	(7C8)	SIGNED	4	SECEND (0)	End of SEC Control Block
1992	(7C8)	X'7C8'	0	SECSIZE	"SECEND-SECSTART" Size of SEC Control Block

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SECEASTR	, Extract Return Area
0	(0)	BITSTRING	1	SECEASUB	Subpool id for FREEMAIN
1	(1)	BITSTRING	3	SECEALEN	Length of return area
4	(4)	SIGNED	2	SECEAOFF	Offset to variable area
6	(6)	BITSTRING	18		Reserved
24	(18)	CHARACTER	8	SECEAUSR	User id from profile
32	(20)	CHARACTER	8	SECEAGRP	Group name from profile
				Comment	
				---------- Variable Portion of Extract Return Area ----------	
				End of Comment	
40	(28)	BITSTRING	1	SECEAVAR (0)	Start of veriable area
40	(28)	SIGNED	4	SECEAPWL	Length of password
44	(2C)	CHARACTER	8	SECEAPAS	Password from profile

IATYSEC 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
IAT6300
IAT6300L
INREAL
INTK_SHARED_SUBPOOL

Name

I6300EX
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
NALLON
NE

NMINUS
NNOACCSS
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

Name

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_DCSGR
PLO_DCSX
PLUS
SAFEXTSP
SAFMSGSP
SECATERM
SECAUDIT
SECAUTH
SECBASE
SECCLAS
SECCLASL
SECCLASS
SECEAGRP
SECEALEN
SECEAOFF
SECEAPAS
SECEAPWL
SECEAREA
SECEASTR
SECEASUB
SECEAUSR
SECEAVAR
SECENCME
SECENCNO
SECENCRT
SECENCRY
SECENCYS
SECEND
SECENDES
SECENHAS
SECENINS
SECENV
SECENVCR
SECENVDL
SECEXTEN
SECEXTEX
SECFDB
SECFIELD
SECFLAG1
SECFLDDT
SECFLDNO
SECFLDST
SECFL101
SECFL102

Name

SECFL104
SECFL108
SECFOEXT
SECFOINT
SECFRMOT
SECFUNC
SECFUNMX
SECGFLG1
SECGPWEC
SECGRS01
SECGRS02
SECGRS04
SECGRS08
SECGRS10
SECGRS20
SECGRS40
SECID
SECINIMD
SECJESMG
SECJESML
SECJESMT
SECJMSOP
SECLINES
SECLIST
SECLISTL
SECLOGST
SECMCJES
SECMCRTN
SECMCWTO
SECMLPTR
SECMLTE
SECMSGHD
SECNUCMD
SECOPTS
SECOPT1
SECOPT2
SECOPT3
SECOPT4
SECOPT5
SECOPT6
SECOPT7
SECOPT8
SECOUTEN
SECOUTST
SECOUTSZ
SECRCACC
SECRCNDC
SECRCREJ
SECRECUR
SECREMOT
SECRETRN
SECRMNO
SECRMYES
SECRQ
SECRTNCD
SECSAVE
SECSBTSK
SECSIZE
SECSTART
SECSTDSC

Name

SECSTIDX
SECSTKMD
SECSTPFX
SECSUBSY
SECTKNBL
SECTKNEX
SECTKNLN
SECTKNMP
SECUSRMD
SECUX58F
SECUX59F
SECVRFY
SECVRFYX
SECWORK
SEGTBINV
SPECIAL_JOB_XFFFF
SSXAALTR
SSXACNTL
SSXACTIA
SSXAREAD
SSXASIS
SSXATTR
SSXAUCAN
SSXAUJVL
SSXAUPDT
SSXAUU01
SSXAUU02
SSXAUU03
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SSXDDSN

Name

SSXDSN
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SSXENCNO
SSXENCRT
SSXENCRY
SSXENCYS
SSXENDES
SSXENHAS
SSXENINS
SSXENTIT
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SSXENVCR
SSXENVDL
SSXEXNDF
SSXEXNDL
SSXEXNOD
SSXFOEXT
SSXFOINT
SSXFRMOT
SSXGROUF
SSXGROUL
SSXGROUP
SSXIAALT
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SSXIACMD
SSXIACOD
SSXIACOF
SSXIACOI
SSXIACSF
SSXIACSI
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SSXIADJ2
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SSXIADMJ
SSXIAFG1
SSXIAGRO
SSXIAGRP
SSXIAGRW
SSXIAISC
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SSXIAISO
SSXIAMSM
SSXIANIC
SSXIANJC
SSXIANJO
SSXIANOC
SSXIANOS
SSXIANOW
SSXIANRC
SSXIANRR
SSXIANSC
SSXIANUM
SSXIAOGC
SSXIAOGP
SSXIAOSC
SSXIAOSD
SSXIAOSO
SSXIAOSP
SSXIAOSR
SSXIAOSS

Name

SSXIAOSW
SSXIAOS1
SSXIAOS2
SSXIAOS3
SSXIAPUR

SSXIAREA
SSXIASAL
SSXIASIA
SSXIASIO
SSXIASIR

SSXIASOC
SSXIASOO
SSXIASRD
SSXIASRO
SSXIASWB

SSXIASWC
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SSXIAUG1
SSXIAUG2
SSXIAUTH

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SSXIAU28
SSXIAU29
SSXIAU30

SSXIAU31
SSXIAU32
SSXIAWD1
SSXIAWD2
SSXIBING

SSXIBINI
SSXIBISI
SSXIBISJ
SSXIBNIS
SSXIBNRS

Name

SSXIBSAD
SSXIBSRL
SSXIBU01
SSXIBU02
SSXIBU03
SSXIBU04
SSXIBU05
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Name

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SSXIMNJJ
SSXIMNJU
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SSXIMNRT
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SSXIMNSD
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SSXIMNSJ
SSXIMNST
SSXIMNSX
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SSXIMOS2
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SSXIMSMP
SSXIMSTP
SSXIMSVJ
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Name

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SSXIMU31
SSXIMU32
SSXINDEX
SSXINIMD
SSXITKBL
SSXITKMP
SSXITKXT
SSXIVDJ1
SSXIVDJ2
SSXIVDJ3
SSXIVFYX
SSXIVISJ
SSXIVNIS
SSXIVNIU
SSXIVNJE
SSXIVNJU
SSXIVNJV
SSXIVNOE
SSXIVNOI
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SSXIVRFY
SSXIVRJM
SSXIVSNL
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SSXIVU18

Name

SSXIVU19
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SSXIVU31
SSXIVU32
SSXIXDMD
SSXIXDME
SSXIXJNW
SSXIXNUM
SSXIXPAL
SSXIXSAD
SSXIXSAL
SSXIXSCN
SSXIXSIA
SSXIXSIC
SSXIXSIJ
SSXIXSIR
SSXIXSWB
SSXIXU01
SSXIXU02
SSXIXU03
SSXIXU04
SSXIXU05
SSXIXU06
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SSXIXU08
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SSXIXU24
SSXIXU25
SSXIXU26
SSXIXU27
SSXIXU28
SSXIXU29
SSXIXU30
SSXIXU31
SSXIXU32
SSXJDEL

Name

SSXJNEW
SSXJOBNM
SSXJREP
SSXJRFL1
SSXJTYP

SSXLCL
SSXLGSTF
SSXLGSTL
SSXLGSTR
SSXLOG

SSXMCJES
SSXMCNTL
SSXMCRTN
SSXMCWTO
SSXMODE

SSXNEVER
SSXNEWFL
SSXNFAIL
SSXNJEDH
SSXNJEJH

SSXNONE
SSXNPASF
SSXNPASL
SSXNPASS
SSXNSTAT

SSXNUCMD
SSXOCLSS
SSXODEST
SSXOFLAG
SSXOFLSH

SSXOFRMS
SSXOMDID
SSXOMODE
SSXOPRTY
SSXORSVD

SSXOSSSO
SSXOSTCK
SSXOTYPE
SSXOUCS
SSXOWTRN

SSXPASCK
SSXPASWD
SSXPASWF
SSXPASWL
SSXPCNO

SSXPCYES
SSXPOE
SSXPRCS
SSXPRG
SSXPSSCS

SSXPTMID
SSXPWD
SSXRECVR
SSXREMOT
SSXRJP

SSXRMNO
SSXRMYES
SSXRORSD
SSXRORSS
SSXRORS1

Name

SSXRTOKN
SSXRWRSD
SSXRWRSF
SSXRWRSS
SSXSECLB
SSXSFACC
SSXSFNDC
SSXSFREJ
SSXSFRET
SSXSGRP
SSXSGRPF
SSXSGRPL
SSXSNODE
SSXSNODF
SSXSNODL
SSXSPRET
SSXSPRSN
SSXSSEXB
SSXSSINB
SSXSSION
SSXSSNJB
SSXSSNJO
SSXSSNJS
SSXSSRJB
SSXSSRJO
SSXSSSTR
SSXSSTKU
SSXSSTSO
SSXSTART
SSXSTKMD
SSXSTOKN
SSXSTPRC
SSXSUSRF
SSXSUSRI
SSXSUSRL
SSXTKOUT
SSXTOKIN
SSXTOKOT
SSXTRNO
SSXTRUST
SSXTRYES
SSXTSO
SSXUSERF
SSXUSERI
SSXUSERL
SSXUSRMD
SSXUTOKN
SSXVFCRT
SSXVFDEL
SSXVFU01
SSXVFU02
SSXVFU03
SSXVFU04
SSXVFU05
SSXVFU06
SSXVFU07
SSXVFU08
SSXVFU09
SSXVFU10
SSXVFU11

Name

SSXVFU12
SSXVFU13
SSXVFU14
SSXVFU15
SSXVFU16
SSXVFU17
SSXVFU18
SSXVFU19
SSXVFU20
SSXVFU21
SSXVFU22
SSXVFU23
SSXVFU24
SSXVFU25
SSXVFU26
SSXVFU27
SSXVFU28
SSXVFU29
SSXVFU30
SSXVFU31
SSXVFU32
SSXVSCUR
SSXVSN
SSXVSN1
SSXWJBID
SSXWJNAM
SSXWORKA
SSXWPSLC
SSXWPSLM
SSX1ENTX
SSX1FLAG
SSX1F01
SSX1F02
SSX1F04
SSX1F08
SSX1F10
SSX1F20
SSX1F40
SSX58ACC
SSX58DUM
SSX58MAX
SSX58REJ
SSX58RTN
SSX58SAU
SSX58SNU
SSX58UEF
SSX59ACC
SSX59DUM
SSX59MAX
SSX59REJ
SSX59RTN
SSX59SAF
SSX59UEF
TKNMAPLN
TRANSNA
UNLIMITED_DSP_COUNT
UNLIMITED_JOB_COUNT
UNLIMITED_JOB_COUNT2

Name

UNLOCKED
ZBORROW
ZCARRY
ZERO
ZEROS
ZNBORROW
ZNCARRY

IATYSEE Information

IATYSEE Heading Information

Common Name: *0031 SEE (SAPI Exclusion Element)
Macro ID: IATYSEE
DSECT Name: SEESTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: SEE
Offset: SEEID
Length: 4
Storage Attributes: Main Storage: JES3OST Data Space
Auxiliary Storage: N/A
Subpool: N/A
Key: 1
Residency: Any
Size: In SEELEN
Created by: IATOSGR
Pointed to by: OSTSEEQ, RQSAPSEE
Serialization: None
Function: Control block created for SAPI applications that PUT a data set with a dispostion of 'do not show this data set again.'
(SSS2RNPR set in SSS2DISP - address space)
(SSS2RNPT set in SSS2DISP - thread level)

IATYSEE Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SEESTART	Start of SEE mapping
0	(0)	CHARACTER	4	SEEID	Eye catcher
4	(4)	BITSTRING	1	SEELEN	Length of the SEE
5	(5)	BITSTRING	1	SEEVER	SEE version
5	(5)	X'1'	0	SEECVER	"SEEFIRST" Current version
5	(5)	X'1'	0	SEEFIRST	"1" First Version
6	(6)	BITSTRING	2	SEERSVD1	Reserved for service
		Comment			
		Forward and backward pointers for the chain of SEEs that correspond to a single OSE variable entry. Each of these SEEs belongs to a different SAPI application.			
		End of Comment			
8	(8)	ADDRESS	4	SEENEXT	Address of the next SEE for this OSE variable entry
12	(C)	ADDRESS	4	SEEPREV	Address of the previous SEE for this OSE variable entry
		Comment			
		Forward and backward pointers for the chain of SEEs that were created by the same SAPI address space. These SEEs represent different OSE variable entries.			
		End of Comment			
16	(10)	ADDRESS	4	SEEAPNXT	Address of the next SEE for this SAPI application
20	(14)	ADDRESS	4	SEEAPPRV	Address of the previous SEE for this SAPI application
		Comment			
		Application identification fields			
		End of Comment			
24	(18)	CHARACTER	8	SEENAME	SAPI application job name

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
32	(20)	SIGNED	4	SEEJOBNO	SAPI application job number
36	(24)	ADDRESS	4	SEEOSTAD	OST address (queue anchor)
40	(28)	ADDRESS	4	SEETHRED	Addr of thread/mask list mapped by DSECT SEETHLST

Comment

The following mask contains one bit for each of 16 possible data sets within a single OSE variable entry. The bits are numbered from left to right. The left most bit is the indicator for the first data set of the OSE entry. If the bit is ON the data set has not yet been seen by this SAPI application.

End of Comment

44	(2C)	SIGNED	2	SEEASDSM	Address space dataset mask
46	(2E)	BITSTRING	2	SEERSVD2	Reserved for development
46	(2E)	X'30'	0	SEESIZE	"*-SEESTART" Size of the SEE
48	(30)	BITSTRING	1	(0)	Generate assembly error if size exceeds maximum

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SEETHLST	
0	(0)	SIGNED	4	SEETHNXT	Pointer to next thread mask list entry
0	(0)	X'4'	0	SEETHHSZ	"*-SEETHLST" Size of thread header

Comment

SEE thread mask entry

End of Comment

4	(4)	SIGNED	4	SEETHENT (0)	
4	(4)	SIGNED	4	SEETHCNT	Thread count (identifier)
8	(8)	SIGNED	2	SEETHMSK	Thread dataset mask
10	(A)	SIGNED	2	SEETHRSV	Reserved for service
10	(A)	X'8'	0	SEETHESZ	"*-SEETHENT" Size of one thread mask

Comment

Calculate the number of thread entries that will fit in the same size cell as the SEE.

End of Comment

10	(A)	X'5'	0	SEETHNUM	"(SEESIZE-SEETHHSZ)/SEETHESZ" Number of thread entries
12	(C)	BITSTRING	1	SEETHARY (0)	Rest of list
12	(C)	X'2C'	0	SEETHLED	"*-SEETHLST"

IATYSEE Cross Reference

Name

SEEAPNXT
SEEAPPRV
SEEASDSM
SEECVER
SEEFIRST
SEEID
SEEJOBNO
SEELEN
SEENAME
SEENEXT
SEEOSTAD
SEEPREV
SEERSVD1
SEERSVD2
SEESIZE
SEESTART
SEETHARY
SEETHCNT
SEETHENT
SEETHESZ
SEETHHSZ
SEETHLED
SEETHLST
SEETHMSK
SEETHNUM
SEETHNXT
SEETHRED
SEETHRSV
SEEVER

IATYSEL Information

IATYSEL Programming Interface information

Programming Interface information

IATYSEL

End of Programming Interface information

IATYSEL Heading Information

Common Name: JES3 Subsystem Communications Service Entrance List
Macro ID: IATYSEL
DSECT Name: SELSTART, SELSRSB *12502TAC
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Subpool: various, 0, 230, 253, depending on creator
Key: 0 or 1, varies by creator
Residency: ANY
Size: SELSIZE
Created by: Callers of SSISERV
Pointed to by: R1 WHEN SSISERV ISSUED
Serialization: None
Function: Parameter list for the SSISERV service. Also used as a workarea for module IATSSCM.

IATYSEL Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SELSTART	
0	(0)	SIGNED	4	SELDATA	Address of user data area
4	(4)	SIGNED	4	SELECBF	Address of user ECB/ECF
8	(8)	SIGNED	4	SELEXIT	Address of user exit routine
12	(C)	SIGNED	4	SELSTAG	Address of staging area
16	(10)	SIGNED	4	SELMEMD	Requesting memory's MEMDATA
20	(14)	SIGNED	4	SELBUFF	Response buffer address
24	(18)	CHARACTER	8	SELFSSNM	Name of FSS to receive STAR
		Comment			
		Staging Area and Service Entrance List Common Section Mapping $SL= z1.7.0 HJS7720 040714 PD0PK: z 1.7.0 04067SLA --- Common Section of the SEL/Staging area ---			
		End of Comment			
32	(20)	SIGNED	4	SELSEC (0)	Beginning of common section
32	(20)	SIGNED	4	SELFSID (0)	Functional Subsystem ID
32	(20)	SIGNED	2	SELFSSID	FSS portion of FSID
34	(22)	SIGNED	2	SELFSAID	FSA portion OF FSID
36	(24)	BITSTRING	1	SELTYPE	Request type
		Comment			
		--- SEL/STAR Request Types ---			
		End of Comment			
		1...		SELWAIT	"X'80'" Wait request
		.1..		SELREPLY	"X'40'" Reply request
		..1.		SELCOMM	"X'20'" Communication request
		...1		SELACK	"X'10'" Acknowledgement request
		.... 1...		SELRESP	"X'08'" Response request
		.... .1..		SELPURG	"X'04'" Purge request
		.... ..1.		SELEOMT	"X'02'" EOM/T request
37	(25)	BITSTRING	1	SELFUNC	SSOB or DEST code
38	(26)	BITSTRING	1	SELMOD	Request Modification number
39	(27)	BITSTRING	1	SELREID	Receiving system ID (MPSYSID)
40	(28)	BITSTRING	1	SELSEID	Sending system ID (SVTSYSID)
41	(29)	BITSTRING	1	SELPRTY	Priority
42	(2A)	BITSTRING	1	SELXRSD1 (2)	Reserved for Development
44	(2C)	SIGNED	4	SELXRSD2	Reserved for Development

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
48	(30)	SIGNED	4	SELXRSS	Reserved for Service
52	(34)	SIGNED	4	SELFLAGA (0)	SEL/Staging area Flags
52	(34)	BITSTRING	1	SELFLAG1	Flag Byte 1
				Comment	

				Definition of flags in SEL/STAR Flag byte #1	

				End of Comment	
		1...		SELTJES3	"X'80'" Request is sent to JES3
		.1..		SELJES3	"X'40'" Requestor is JES3
		..1.		SELTINDP	"X'20'" Request is task-independent 04067SLA
53	(35)	BITSTRING	1	SELFLAG2	Flag byte 2
				Comment	

				Definition of flags in SEL/STAR Flag byte #2	

				End of Comment	
		..1.		SELGCC	"X'20'" GC Function Complete
54	(36)	BITSTRING	0	SELSECL (0)	Section length
54	(36)	BITSTRING	1	SELFLAG3	Flag Byte 3
				Comment	

				Definition of flags in SEL Flag byte #3	

				End of Comment	
		1...		SELSSIEX	"X'80'" SSI exit is in use
55	(37)	BITSTRING	1	SELFLAG4	Flag Byte 4
				Comment	

				Definition of flags in SEL Flag byte #4	

				End of Comment	
		1...		SELRECUR	"X'80'" Recursion flag for IATSSCM
		.1..		SELLOCK	"X'40'" Local lock held by requestor
		..1.		SELNOLM	"X'20'" Not subject to STAR limit
		...1		SELF404	"X'10'" Reserved
		.... 1...		SELXPRS	"X'08'" Express request, must send
		.... .1..		SELTWSAX	"X'04'" Task waiting because the address space staging area limit has been exceeded. This flag is used to synchronize the decrementing of SVTTWSAX and MEMTWSAX.
56	(38)	BITSTRING	1	SELINUSE	Test and Set lock for SEL serialization
57	(39)	BITSTRING	1	SELRSVS1 (3)	Reserved for Service
60	(3C)	SIGNED	4	SELWECB	ECB for SA over limit wait
64	(40)	SIGNED	4	SELCHAIN	Addr next waiting SEL
68	(44)	SIGNED	4	SELRSVU	Reserved for User
72	(48)	DBL WORD	8	SELTIME	Save area for time stamp
80	(50)	SIGNED	4	SELUSRRC	TYPE=RESP Return code
84	(54)	SIGNED	4	SELRSVD (2)	Reserved for Development 12502TAC
92	(5C)	SIGNED	4	SELSRSBA	Address of an optional 12502TAA SELSRSB used for REPLY 12502TAA with Exit requests 12502TAA
96	(60)	SIGNED	4	SELRQTCB	Optional TCB pointer for REPLY requests
100	(64)	SIGNED	4	SELRSVS2	Reserved for Service

IATYSEL Cross Reference

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
104	(68)	SIGNED	4	SELRSVU1 (2)	Reserved for User
112	(70)	SIGNED	4	SELEND (0)	- End of SEL
112	(70)	BITSTRING	1	SELSIZE (0)	- SIZE=L'(SELSIZE)

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SELSRSB	12502TAA
0	(0)	BITSTRING	1	SRSBFLAG	Flags 12502TAA

Comment

---------- 12502TAA
Definition of SRSBFLAG 12502TAA
- SRSBWAIT indicates that the SSISERV caller is 12502TAA
wating for the replies. This flag can be used 12502TAA
by the caller to identify when a WAIT has been 12502TAA
interrupted. 12502TAA
- SRSBCNCL indicates that the SSISERV request has 12502TAA
been cancelled by the caller. SSISERV processing 12502TAA
will discard any replies receieved when this flag 12502TAA
is set. 12502TAA
---------- 12502TAA

End of Comment

		1...		SRSBWAIT	"X'80'" SSISERV caller is waiting 12502TAA for the replies 12502TAA
		.1..		SRSBCNCL	"X'40'" Caller has cancelled the 12502TAA SSISERV request 12502TAA
1	(1)	BITSTRING	1	SRSBRSVD (3)	Reserved for IBM 12502TAA
4	(4)	SIGNED	4	SRSBRCNT	Count of replies that are 12502TAA outstanding 12502TAA
8	(8)	SIGNED	4	SRSBEND (0)	Round up to next fullword 12502TAA
8	(8)	X'8'	0	SRSBSIZE	"*-SELSRSB" Status block size 12502TAA

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

IATYSEL Cross Reference

Name

SELACK
SELBUFF
SELCHAIN
SELCOMM
SELDATA
SELECBF
SELEND
SELEOMT
SELEXIT
SELFLAGA
SELFLAG1
SELFLAG2
SELFLAG3
SELFLAG4
SELFSAID
SELFSID
SELFSSID
SELFSSNM
SELFUNC
SELF404

Name

SELGCC
SELINUSE
SELJES3
SELLOCK
SELMEMD
SELMOD
SELNOLM
SELPRTY
SELPURG
SELRECUR
SELREID
SELREPLY
SELRESP
SELRQTCB
SELRSVD
SELRSVS1
SELRSVS2
SELRSVU
SELRSVU1
SELSEC
SELSECL
SELSEID
SELSIZE
SELSRSB
SELSRSBA
SELSSIEX
SELSTAG
SELSTART
SELSTART
SELTIME
SELTINDP
SELTJES3
SELTWSAX
SELTYPE
SELUSRRC
SELWAIT
SELWECB
SELXPRS
SELXRSD1
SELXRSD2
SELXRSS
SRSBCNCL
SRSBEND
SRSBFLAG
SRSBRCNT
SRSBRSVD
SRSBSIZE
SRSBWAIT

IATYSEMS Information

IATYSEMS Programming Interface information

Programming Interface information

IATYSEMS

End of Programming Interface information

IATYSEMS Heading Information

Common Name: Security Message Prefix Format
Macro ID: IATYSEMS
DSECT Name: SECMSGA
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: SAFMSGSP
Auxiliary Storage: N/A
Size: 8 Bytes
Created by: IATUX58
IATUX59
SAF Interface
Pointed to by: SECMSGHD in IATYSEC
Register one upon return from
SAF Interface, IATUX58 or IATUX59.
Serialization: NONE
Function: Maps the message prefix for messages returned by SAF or user exits IATUX58 and IATUX59. The remainder of the message starting at label SECMSGT is mapped by IEZWPL.

IATYSEMS Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	SECMSGA	, Security Message Prefix
0	(0)	SIGNED	4	SECMSGL	Message Length
4	(4)	ADDRESS	4	SECMSGNT	Address of next message
8	(8)	SIGNED	4	SECMSGT (0)	Start of WTO format of message mapped by IEZWPL
8	(8)	SIGNED	4	SECMSGEN (0)	End of message prefix
8	(8)	X'8'	0	SECMSGSZ	"SECMSGEN-SECMSGA" Size of message prefix

IATYSET Information

IATYSET Heading Information

Common Name: FORMAT OF SETUNIT TABLE ENTRY
Macro ID: IATYSET
DSECT Name: SETSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Auxiliary Storage: N/A
Subpool: 241
Size: SETSIZE
Created by: IATINMD
Pointed to by: MPUNITS in IATYMPC
JSTSETAD
Serialization: NONE
Function: This data area contains information representing device status on a particular main processor.

IATYSET Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SETSTART	
0	(0)	BITSTRING	1	SETTYPE	DEVICE TYPE CODE
1	(1)	CHARACTER	4	SETUADR	DEVICE NUMBER
5	(5)	BITSTRING	3	SETROUT	DEST CLASS/ROUTE CODE
8	(8)	ADDRESS	4	SETADD	ADDRESS OF SYSUNITS ENTRY
12	(C)	ADDRESS	4	SETUCBN	NO. OF ENTRYS IN UCB LIST
16	(10)	ADDRESS	4	SETUCB	ADDRESS OF UCB LOOKUP ENTRY
20	(14)	ADDRESS	4	SETRQAD	RESQ ADDR OF JOB USING DEV
24	(18)	SIGNED	4	SETMTMSG	DOM ID OF MDS ACTION MSG (5210)
28	(1C)	SIGNED	4	SETERMSG	DOM ID OF MDS ERROR MSG (5310)
32	(20)	SIGNED	2	SETRSVD1	RESERVED FOR DEVELOPMENT
34	(22)	CHARACTER	6	SETVOLID	VOLID REQSTD BY LAST MDS MNT
34	(22)	X'22'	0	SETVLSCR	"SETVOLID,2" VOLID HEADER FOR SCRATCH REQUEST
34	(22)	X'24'	0	SETVLDEV	"SETVOLID+2,4" VOLID TRAILER TO CREATE A UNIQUE REQUEST. SET TO DEVICE NUMBER
40	(28)	CHARACTER	6	SETIVOL	VOLID VOL MOUNTED IN ERROR OR MSGDISP VOLSER TEXT FROM USER EXIT 71
46	(2E)	CHARACTER	1	SETLABEL	A=AL B=BLP N=NL S=SL X=NSL
47	(2F)	BITSTRING	1	SETVERID	VERIFY RESPONSE ID CHAR
48	(30)	ADDRESS	4	SETMTDSN	SETDSN ASSOC WITH MOUNT MSG
52	(34)	BITSTRING	1	SETRSVD	- RESERVED FOR DEVELOPMENT
53	(35)	BITSTRING	1	SETRSVU	- RESERVED FOR USER
54	(36)	BITSTRING	1	SETFLG1	SETFLG1 FLAG 1

Comment

DEFINITION OF SETFLG1.

End of Comment

	1...	SETDDR	"X'80'" DEVICE ELIGIBLE FOR DDR
	.1..	SETVERFY	"X'40'" VOLUME VERIFY REQUIRED
	..1.	SETRSTR	"X'20'" UNIT IN RESTART $$$$
	...1	SETLASTX	"X'10'" LAST DEVICE OF XTYPE
	.... 1...	SETPON	"X'08'" VARY ONLINE IN PROGRESS
	.... .1..	SETRING	"X'04'" LAST MOUNT RQSTD WRITE ACESS
	.... ..1.	SETMPNDG	"X'02'" MDS MOUNT PENDING
	1	SETMSDM	"X'01'" MSVDUMMY VERIFY RESPONSE SW

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		---------- DEFINITION OF SETFLG2. ----------			
		End of Comment			
55	(37)	BITSTRING	1	SETFLG2	SETFLG2 FLAG 2 (USED BY IATLVVR)
		1...		SETDAD	"X'80'" DEVICE TYPE
		.1..		SETRDY	"X'40'" DEVICE READY
		..1.		SETVPND	"X'20'" VERIFY ARM PENDING
		...1		SETBYRNG	"X'10'" BYPASS RING CHECK
		.... 1...		SETRST	"X'08'" RESTART VERIFY REQD
		.... .1..		SETBYEXP	"X'04'" BYPASS EXPD CHECK
		.... ..1.		SETALLOC	"X'02'" ALLOCATED PRIOR TO MDS INIT
		1		SETNOVER	"X'01'" BYPASS INIT.VERIFYS
56	(38)	BITSTRING	1	SETFLG3	SETFLG3 FLAG3
		Comment			
		---------- DEFINITION OF SETFLG3. ----------			
		End of Comment			
		1...		SETDDRAC	"X'80'" ACTIVE DDR 'FROM' DEVICE
		.1..		SETBYRUN	"X'40'" REW/UNLOAD WAS BYPASSED
		..1.		SETSMS	"X'20'" SMS MANAGED VOLUME ON DEVICE
		...1		SETF3R10	"X'10'" Reserved for IBM
		.... 1...		SETF3R08	"X'08'" Reserved for IBM
		.... .1..		SETF3R04	"X'04'" Reserved for IBM
		.... ..1.		SETF3R02	"X'02'" Reserved for IBM
		1		SETF3R01	"X'01'" Reserved for IBM
		Comment			
		2 LINES DELETED BY APAR OW00234			
		End of Comment			
57	(39)	BITSTRING	2	SETORSYS	INDEX OF ORIGINAL SYSUNIT (SET DURING DASD DDR SWAP)
59	(3B)	BITSTRING	1	SETTIMCT	TAPE I/O TIMER RETRY COUNT
60	(3C)	ADDRESS	4	SETLEFT	ADDRESS OF SETUNITS ENTRY WITH DEVICE NUMBER LESS THAN CURRENT ENTRY
64	(40)	ADDRESS	4	SETRIGHT	ADDRESS OF SETUNITS ENTRY WITH DEVICE NUMBER GREATER THAN CURRENT ENTRY
68	(44)	ADDRESS	4	SETVRNXT	SETUNITS POINTER TO NEXT SETUNITS REQUIRING VERIFY PROCESSING FOR THIS JOB
72	(48)	SIGNED	4	SETEND (0)	END OF SETUNITS TABLE
72	(48)	BITSTRING	1	SETSIZE (0)	SIZE OF ENTRY = L'SETSIZE
72	(48)	X'1'	0	SETTERM	"SETSTART+1" LOC IS X'FF' AT END OF TABLE

IATYSET Cross Reference

Name

SETADD
SETALLOC
SETBYEXP
SETBYRNG
SETBYRUN
SETDAD
SETDDR
SETDDRAC
SETEND
SETERMSG
SETFLG1
SETFLG2
SETFLG3
SETF3R01
SETF3R02
SETF3R04
SETF3R08
SETF3R10
SETIVOL
SETLABEL
SETLASTX
SETLEFT
SETMPNDG
SETMSDM
SETMTDSN
SETMTMSG
SETNOVER
SETORSYS
SETPON
SETRDY
SETRIGHT
SETRING
SETROUT
SETRQAD
SETRST
SETRSTR
SETRSVD
SETRSVD1
SETRSVU
SETSIZE
SETSMS
SETSTART
SETTERM
SETTIMCT
SETTYPE
SETUADR
SETUCB
SETUCBN
SETVERFY
SETVERID
SETVLDEV
SETVLSCR
SETVOLID
SETVPND
SETVRNXT

IATYSLBF Information

IATYSLBF Heading Information

Common Name: SYSLOG Time Stamp Mapping * 12100S5A
Macro ID: IATYSLBF
DSECT Name: SLBUF (header) SLBUFREC (entry)
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: SLBUF
Offset: SLBHEYE - SLBUF
Length: L'SLBHEYE
Storage Attributes: Subpool: 230
Key: User key
Residency: 31
Size: SLBHSIZ (header)
SLBRSIZ (entry)
Created by: IATSIOR (SLBUF) * 11353S5A
IATDMEB2 (STCKDATA) * 11485TAC
Pointed to by: DSBSLBUF (SLBUF)
CLSTSYSD (STCKDATA)
Serialization: None
Function: This macro maps the time stamp data for records written by SYSLOG.

IATYSLBF Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SLBUFREC	,
0	(0)	SIGNED	4	SLBRTERM (0)	Terminator
0	(0)	SIGNED	4	SLBRECNO	Record number
4	(4)	BITSTRING	8	SLBRTIME	Time stamp STCKE format 12100S5A
4	(4)	X'C'	0	SLBREND	"*" End of record entry
4	(4)	X'C'	0	SLBRSIZ	"SLBREND-SLBUFREC" Size of record entry

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	STCKDATA	,
0	(0)	CHARACTER	8	STDAEYE	Eyecatcher "STCKDATA"
8	(8)	BITSTRING	8	STDALOST	Low time stamp 12100S5A
16	(10)	BITSTRING	8	STDAHIST	High time stamp 12100S5A
24	(18)	SIGNED	4	STDAHINC	High record number not in a 12100S5A core buffer 12100S5A
28	(1C)	SIGNED	4	STDAHIRC	High record number
32	(20)	SIGNED	4	STDALEN	Length of header + entries
36	(24)	SIGNED	4	STDAPREV	Previous STCKDATA area 14387T6A
40	(28)	SIGNED	4	STDARSVD (4)	Reserved 14387T6A
40	(28)	X'38'	0	STDAEND	"*" End of STCKDATA header
40	(28)	X'38'	0	STDASIZE	"STDAEND-STCKDATA" Size of STCKDATA header

IATYSLBF Cross Reference

Name

SLBRECNO
SLBREND
SLBRSIZ
SLBRTERM
SLBRTIME

SLBUFREC
STCKDATA
STDAEND
STDAEYE
STDAHINC

STDAHIRC
STDAHIST
STDALEN
STDALOST
STDAPREV

STDARSVD
STDASIZE

IATYSNFS Information

IATYSNFS Programming Interface information

Programming Interface information

IATYSNFS

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

- D552LCB
- D553LCB
- D554LCB

End of Programming Interface information

IATYSNFS Heading Information

Common Name: SNARJP FAILDSP WORK AREA
Macro ID: IATYSNFS
DSECT Name: IATYSNFS, YSNFS552, YSNFS553, YSNFS554
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: YSNFS
Offset: 0
Length: 6
Storage Attributes: Main Storage: JES3 PRIVATE AREA (SP 13)
Auxiliary Storage: N/A
Size: 152 Bytes
Created by: IATSNFS
Pointed to by: By REGISTER 2 in AFB-08 DUMP and REGISTER 2 in DM552 and DM553 DUMPS.
Serialization: The chain field must be COMPARE and SWAPPED.
Function: The SNARJP FAILDSP work area contains diagnostic information that will be presented in a JES3 formatted dump.

IATYSNFS Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYSNFS	
0	(0)	X'0'	0	SNFSBEGN	"*"
0	(0)	CHARACTER	6	SNFSID	YSNFS CONTROL BLOCK ID
6	(6)	ADDRESS	2	SNFSVRSN	VERSION LEVEL
6	(6)	X'1'	0	SNFS2215	"1" VERSION LEVEL FOR HJS2215
6	(6)	X'1'	0	SNFSVSID	"SNFS2215" VERSION LEVEL VALUE
8	(8)	SIGNED	4	SNFSRSS2	RESERVED FOR SERVICE
12	(C)	SIGNED	4	SNFSDMP	USER COMPLETION CODE
16	(10)	ADDRESS	4	SNFSFCT	FCT ADDRESS
20	(14)	ADDRESS	4	SNFSTVT	TVT ADDRESS NEEDED BY ESTAE AND FRR ROUTINES
24	(18)	SIGNED	4	SNFSRSD1 (5)	RESERVED FOR DEVELOPEMENT
44	(2C)	SIGNED	4	SNFSRSS1 (4)	RESERVED FOR SERVICE
60	(3C)	SIGNED	4	SNFSRSU1 (5)	RESERVED FOR USER
80	(50)	SIGNED	4	SNFSREGS (18)	SAVE AREA CONTAINING REGISTERS TO BE LOADED AT TIME OF FAILDSP
80	(50)	X'98'	0	SNFSREGE	"*" END OF REGISTER SAVE AREA
80	(50)	X'48'	0	SNFSREGL	"(SNFSREGE-SNFSREGS)" LENGTH OF REGISTER SAVE AREA
80	(50)	X'98'	0	SNFSFIXE	"*" END OF FIXED PORTION OF YSNFS
80	(50)	X'98'	0	SNFSFIXL	"(SNFSFIXE-SNFSBEGN)" LENGTH OF FIXED SECTION OF YSNFS
152	(98)	BITSTRING	255	SNFSDATA	DATAAREA TO BE POINTED TO BY REG 2 AT FAILDSP TIME
152	(98)	X'197'	0	SNFSEND	"*" END OF YSNFS
152	(98)	X'197'	0	SNFSLEN	"(SNFSEND-IATYSNFS)" LENGTH OF BOTH VARIABLE AND FIXED

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	YSNFS552	MAP OF USER DATA FOR DM 552
0	(0)	SIGNED	4	D552LEN	LENGTH OF DIAGNOSTIC INFORMATION
4	(4)	ADDRESS	4	D552LCB	ADDR OF LCB AT TIME OF FAILURE
8	(8)	ADDRESS	4	D552RC	RETURN CODE DESCRIBING FAILURE TYPE
12	(C)	ADDRESS	4	D552RET	ADDRESS OF CALLER
12	(C)	X'10'	0	D552END	"*" END OF DM 552
12	(C)	X'10'	0	D552LENX	"(D552END-YSNFS552)" LENGTH OF DM 552

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	YSNFS553	MAP OF USER DATA FOR DM 553
0	(0)	SIGNED	4	D553LEN	LENGTH OF DIAGNOSTIC INFORMATION
4	(4)	ADDRESS	4	D553LCB	ADDR OF LCB AT TIME OF FAILURE
8	(8)	ADDRESS	4	D553RC	RETURN CODE DESCRIBING FAILURE TYPE
12	(C)	ADDRESS	4	D553RET	ADDRESS OF CALLER
12	(C)	X'10'	0	D553END	"*" END OF DM 553
12	(C)	X'10'	0	D553LENX	"(D553END-YSNFS553)" LENGTH OF DM 553

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	YSNFS554	MAP OF USER DATA FOR DM 554
0	(0)	SIGNED	4	D554LEN	LENGTH OF DIAGNOSTIC INFORMATION
4	(4)	ADDRESS	4	D554LCB	ADDR OF LCB AT TIME OF FAILURE
8	(8)	SIGNED	4	D554FT	FOOTPRINT OF CALLER THAT ATTEMPTED DECREMENT
8	(8)	X'C'	0	D554END	"*" END OF DM 554
8	(8)	X'C'	0	D554LENX	"(D554END-YSNFS554)" LENGTH OF DM 554

IATYSNFS Cross Reference

Name

D552END
D552LCB
D552LEN
D552LENX
D552RC
D552RET
D553END
D553LCB
D553LEN
D553LENX
D553RC
D553RET
D554END
D554FT
D554LCB
D554LEN
D554LENX
IATYSNFS
SNFSBEGN
SNFSDATA
SNFSDMP
SNFSEND
SNFSFCT
SNFSFIXE
SNFSFIXL
SNFSID
SNFSLEN
SNFSREGE
SNFSREGL
SNFSREGS
SNFSRSD1
SNFSRSS1
SNFSRSS2
SNFSRSU1
SNFSTVT

IATYSNFS Cross Reference

Name
SNFSVRSN
SNFSVSID
SNFS2215
YSNFS552
YSNFS553
YSNFS554

IATYSOCK Information

IATYSOCK Heading Information

Common Name: TCPIP Socket Definition
Macro ID: IATYSOCK
DSECT Name: SOCKSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: SOCKET *16060T8C
Offset: 0
Length: 6 *16060T8C
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 0
Data Space: None
Size: SOCKSIZE bytes
Created by: IATINSOC
IATMOSOC
Pointed to by:
TVTSOCK in IATYTVT
SOCKNEXT in IATYSOCK
SOCKNXNS in IATYSOCK
SOCKNXND in IATYSOCK
NTSVFSOC in IATYNTSV
NTSVLSOC in IATYNTSV
NJEFSOCK in IATYNJY
NJELSOCK in IATYNJY
Serialization: None
Function: This macro maps the TCPIP NJE socket definition as viewed on the global.
There are two types of global sockets:
- Client socket:
This socket is built from SOCKET initialization statements or an operator entered *MODIFY,SOCKET,ADD= command. The installation gives these sockets their own names.
- Server socket:
This socket, and the socket name, are system generated. A server socket represents the global view of a socket connection that was created because another node requested a signon to this node.
The server socket is created by an internally issued:
*MODIFY,SOCKET,ADD=<name>
Name is the first available of @nnnnnnn, starting with @0000001.
After creating the socket, JES3 internally issues the following commands:
*MODIFY,SOCKET,NETSERV=<netserv>
*MODIFY,SOCKET,NODE=<node>

IATYSOCK Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SOCKSTRT	,
0	(0)	CHARACTER	6	SOCKEYE	Eye catcher
6	(6)	SIGNED	2	SOCKLEN	Length of socket entry
8	(8)	ADDRESS	1	SOCKVER	Version number
8	(8)	X'1'	0	SOCKIVER	"1" Initial version
8	(8)	X'1'	0	SOCKCVER	"SOCKIVER" Current version
9	(9)	ADDRESS	3	SOCKRSV1	Reserved for IBM
12	(C)	CHARACTER	8	SOCKNAME	Socket name
20	(14)	CHARACTER	8	SOCKNODE	Node name using the socket
28	(1C)	CHARACTER	8	SOCKNVNM	Net Server (NETSERV) name
36	(24)	ADDRESS	4	SOCKNEXT	Pointer to next socket
40	(28)	ADDRESS	4	SOCKNXNS	Pointer to next socket in the same NETSERV

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
44	(2C)	ADDRESS	4	SOCKNXND	Pointer to next socket in the same node
48	(30)	ADDRESS	4	SOCKNTSV	Pointer to NETSERV table for SOCKNTSV
52	(34)	ADDRESS	4	SOCKNJER	Pointer to node table (IATYNJY) for SOCKNODE
56	(38)	ADDRESS	1	SOCKJTRN	Number of job transmitters
57	(39)	ADDRESS	1	SOCKOTRN	Number of SYSOUT transmitters
58	(3A)	ADDRESS	1	SOCKJRCV	Number of job receivers
59	(3B)	ADDRESS	1	SOCKORCV	Number of SYSOUT receivers
60	(3C)	ADDRESS	2	SOCKSPDX	Spool partition index
		Comment			

		A shorter definition is used for dump formatting only. This is needed because ABNLNLEN in IATYABN is limited to 132 characters.			

		End of Comment			
62	(3E)	CHARACTER	98	SOCKHST (0)	Host for dump formatting
62	(3E)	CHARACTER	255	SOCKHOST	Host name
317	(13D)	ADDRESS	1	SOCKRSV4	Reserved for IBM
318	(13E)	ADDRESS	2	SOCKPORT	Port number
		Comment			

		Definition of SOCKFLG1.			

		End of Comment			
320	(140)	BITSTRING	1	SOCKFLG1	Flags
		1...		SOCKTLS	"X'80'" Transport Layer Secure
		.1..		SOCKSSON	"X'40'" Secure signon
		..1.		SOCKJTRC	"X'20'" JES tracing in effect
		...1		SOCKVTRC	"X'10'" Verbose tracing in effect
		.... 1...		SOCKITRC	"X'08'" Internal tracing in effect
		.... .1..		SOCKACTV	"X'04'" Socket active
		.... ..1.		SOCKSERV	"X'02'" Socket is a server (signon initiated by other node)
		1		SOCKF101	"X'01'" Reserved for IBM
320	(140)	X'38'	0	SOCKTRAC	"SOCKJTRC+SOCKVTRC+SOCKITRC" Any tracing
		Comment			

		Definition of SOCKFLG2.			

		End of Comment			
321	(141)	BITSTRING	1	SOCKFLG2	Netserv Flag 2
		1...		SOCKCANC	"X'80'" Socket under cancel process
		.1..		SOCKPSTR	"X'40'" Socket pending start 07008SXA
		..1.		SOCKSTMO	"X'20'" Timeout during signon 07008SXA
		...1		SOCKDELS	"X'10'" Server socket delete sent
		.... 1...		SOCKSICM	"X'08'" Socket start intercom'd
		.... .1..		SOCKF204	"X'04'" Reserved for IBM
		.... ..1.		SOCKF202	"X'02'" Reserved for IBM
		1		SOCKF201	"X'01'" Reserved for IBM
322	(142)	ADDRESS	2	SOCKACTP	Active port.
324	(144)	BITSTRING	16	SOCKRSV3	Reserved for IBM
340	(154)	SIGNED	4	SOCKRSV2 (6)	Reserved for IBM
364	(16C)	SIGNED	4	SOCKESPL (0)	End of spooled portion of IATYSOCK
364	(16C)	X'16C'	0	SOCKSIZE	"SOCKESPL-SOCKSTRT" Size of spooled portion of socket

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

```
------------------------------------------------------------------
      This block comment describes the progress count
      array added to the socket structure in HJS7780.
------------------------------------------------------------------
      The field SOCKPARY defines an array of 16 SPGSTART
      entries. When NJE streams are being sent or
      received their progress is tracked in an array entry.
      A streams position in the array is determined by:
        - Sending / Receiving
        - Job / SYSOUT
        - Stream ID (see IATYNSST example NSSTR98)
      The 1-7 job senders reside in array entries:
            0,1,2,3,4,5,6
      The 1-7 SYSOUT senders reside in array entries:
            7,6,5,4,3,2,1
      The 1-7 job receivers reside in array entries:
            8,9,10,11,12,13,14
      The 1-7 SYSOUT recivers reside in array entries:
            15,14,13,12,11,10,9
------------------------------------------------------------------
                 Stream Stream
 Index ID ID
   +-----------------------------------------------------+
   | |
 0 | Job sndr 1 (x98) |
   | |
   +-----------------------------------------------------+
   | |
 1 | Job sndr 2 (xA8) or SYSOUT sndr 7 (xF9) or Nothing |
   | |
   +-----------------------------------------------------+
   | |
 2 | Job sndr 3 (xB8) or SYSOUT sndr 6 (xE9) or Nothing |
   | |
   +-----------------------------------------------------+
   | |
 3 | Job sndr 4 (xC8) or SYSOUT sndr 5 (xD9) or Nothing |
   | |
   +-----------------------------------------------------+
   | |
 4 | Job sndr 5 (xD8) or SYSOUT sndr 4 (xC9) or Nothing |
   | |
   +-----------------------------------------------------+
   | |
 5 | Job sndr 6 (xE8) or SYSOUT sndr 3 (xB9) or Nothing |
   | |
   +-----------------------------------------------------+
   | |
 6 | Job sndr 7 (xF8) or SYSOUT sndr 2 (xA9) or Nothing |
   | |
   +-----------------------------------------------------+
   | |
 7 | SYSOUT sndr 1 (x99) |
   | |
   +-----------------------------------------------------+
   | |
```

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

```
 8 | Job rcvr 1 (x98) |
   | |
   +------------------------------------------------------+
   | |
 9 | Job rcvr 2 (xA8) or SYSOUT rcvr 7 (xF9) or Nothing |
   | |
   +------------------------------------------------------+
   | |
10 | Job rcvr 3 (xB8) or SYSOUT rcvr 6 (xE9) or Nothing |
   | |
   +------------------------------------------------------+
   | |
11 | Job rcvr 4 (xC8) or SYSOUT rcvr 5 (xD9) or Nothing |
   | |
   +------------------------------------------------------+
   | |
12 | Job rcvr 5 (xD8) or SYSOUT rcvr 4 (xC9) or Nothing |
   | |
   +------------------------------------------------------+
   | |
13 | Job rcvr 6 (xE8) or SYSOUT rcvr 3 (xB9) or Nothing |
   | |
   +------------------------------------------------------+
   | |
14 | Job rcvr 7 (xF8) or SYSOUT rcvr 2 (xA9) or Nothing |
   | |
   +------------------------------------------------------+
   | |
15 | SYSOUT rcvr 1 (x99) |
   | |
   +------------------------------------------------------+
------------------------------------------------------------
```

End of Comment

364	(16C)	BITSTRING	0	SOCKPARY (0)	Socket progress array
364	(16C)	X'580'	0	SOCKASIZ	"*-SOCKPARY" Size of progress array
364	(16C)	X'10'	0	SOCKPCEC	"16" Number of array entries

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SPGSTART	
0	(0)	CHARACTER	8	SPGEYE	Eyecatcher
8	(8)	SIGNED	2	SPGLEN	Length of this SPG entry
10	(A)	BITSTRING	1	SPGVER	Version of this SPG entry
10	(A)	X'1'	0	SPG1VER	"1" Initial version
11	(B)	BITSTRING	1	SPGMOD	Mod of this SPG entry
11	(B)	X'0'	0	SPG0MOD	"0" No modification
12	(C)	BITSTRING	1	SPGFLG1	Flags
		1...		SPG1SACT	"B'10000000'" Stream is active
		.1..		SPG1JS	"B'01000000'" Job transmission
		..1.		SPG1JR	"B'00100000'" Job reception
		...1		SPG1SS	"B'00010000'" SYSOUT transmission
		.... 1...		SPG1SR	"B'00001000'" SYSOUT reception
		.... .1..		SPG1B04	"B'00000100'" Reserved for IBM
		.... ..1.		SPG1B02	"B'00000010'" Reserved for IBM
		1		SPG1B01	"B'00000001'" Reserved for IBM
13	(D)	BITSTRING	1	SPGSTR#	Stream number
14	(E)	BITSTRING	6	SPGRSV1	Reserved for IBM
20	(14)	CHARACTER	8	SPGJOBN	Job name
28	(1C)	CHARACTER	8	SPGJOBI	Job ID
36	(24)	CHARACTER	8	SPGOWNN	Job owner
44	(2C)	SIGNED	4	SPGJNUM	Job number
48	(30)	SIGNED	4	SPGTRC#	Total records
52	(34)	SIGNED	4	SPGPRC#	Current records

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
56	(38)	BITSTRING	1	SPGJTYP	Job type
57	(39)	BITSTRING	1	SPGBPRI	Job priority (1 byte binary)15060T8A
58	(3A)	CHARACTER	8	SPGONODE	Origin Node
66	(42)	BITSTRING	22	SPGRSV2	Reserved for IBM
88	(58)	SIGNED	4	SPGEND (0)	End of SPG entry
88	(58)	X'58'	0	SPGSIZE	"SPGEND-SPGSTART" Size equate for SPG entry

IATYSOCK Cross Reference

Name

SOCKACTP
SOCKACTV
SOCKASIZ
SOCKCANC
SOCKCVER

SOCKDELS
SOCKESPL
SOCKEYE
SOCKFLG1
SOCKFLG2

SOCKF101
SOCKF201
SOCKF202
SOCKF204
SOCKHOST

SOCKHST
SOCKITRC
SOCKIVER
SOCKJRCV
SOCKJTRC

SOCKJTRN
SOCKLEN
SOCKNAME
SOCKNEXT
SOCKNJER

SOCKNODE
SOCKNTSV
SOCKNVNM
SOCKNXND
SOCKNXNS

SOCKORCV
SOCKOTRN
SOCKPARY
SOCKPCEC
SOCKPORT

SOCKPSTR
SOCKRSV1
SOCKRSV2
SOCKRSV3
SOCKRSV4

SOCKSERV
SOCKSICM
SOCKSIZE
SOCKSPDX
SOCKSSON

SOCKSTMO
SOCKSTRT
SOCKTLS
SOCKTRAC
SOCKVER

Name

SOCKVTRC
SPGBPRI
SPGEND
SPGEYE
SPGFLG1

SPGJNUM
SPGJOBI
SPGJOBN
SPGJTYP
SPGLEN

SPGMOD
SPGONODE
SPGOWNN
SPGPRC#
SPGRSV1

SPGRSV2
SPGSIZE
SPGSTART
SPGSTR#
SPGTRC#

SPGVER
SPG0MOD
SPG1B01
SPG1B02
SPG1B04

SPG1JR
SPG1JS
SPG1SACT
SPG1SR
SPG1SS

SPG1VER

IATYSOR Information

IATYSOR Programming Interface information

Programming Interface information

IATYSOR

End of Programming Interface information

IATYSOR Heading Information

Common Name: Initialization Sort List
Macro ID: IATYSOR
DSECT Name: SORTLIST
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Subpool: JESPOOL
Key: JES Key
Data Space: None
Residency: Any Private
Size: SORT1SIZ for SORTLIST *0149
SORTKFSZ for SORTKFMT *0149
*0149
Created by: Initialization modules IATINIF, IATINIP, *0149
IATINRN, IATINMD *0149
Pointed to by: Work area within module
Serialization: NONE
Function: Provides interface to sort routines used in initialization.

IATYSOR Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SORTLIST	
0	(0)	ADDRESS	4	SORTABL	ADDRESS OF TABLE TO BE SORTED
4	(4)	SIGNED	4	SORTINUM	NUMBER OF ITEMS IN TABLE 0036
8	(8)	SIGNED	2	SORTILEN	ITEM LENGTH IN BYTES
10	(A)	SIGNED	2	SORTKEYS	NUMBER OF SORT KEYS
12	(C)	SIGNED	4	SORTFEND (0)	End of Fixed Sort List 0149
12	(C)	X'C'	0	SORTFSIZ	"SORTFEND-SORTLIST" Size of Fixed Sort List 0149
12	(C)	SIGNED	2	SORTKPOS	POSITION OF SORT KEY
14	(E)	SIGNED	2	SORTKLEN	LENGTH OF SORT KEY
16	(10)	SIGNED	4	SORT1END (0)	End of Fixed Sort List with 0149 one sort key 0149
16	(10)	X'10'	0	SORT1SIZ	"SORT1END-SORTLIST" Size of Fixed Sort List 0149 with one sort key 0149

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SORTKFMT	, Sort Key Format 0149
0	(0)	SIGNED	2	SORTKFPS	Sort Key Position 0149
2	(2)	SIGNED	2	SORTKFLN	Sort Key Length 0149
4	(4)	SIGNED	4	SORTKFEN (0)	End of Sort Key Data 0149
4	(4)	X'4'	0	SORTKFSZ	"SORTKFEN-SORTKFMT" Size of Sort Key Data 0149

IATYSOR Cross Reference

Name

SORTABL
SORTFEND
SORTFSIZ
SORTILEN
SORTINUM
SORTKEYS
SORTKFEN
SORTKFLN
SORTKFMT
SORTKFPS
SORTKFSZ
SORTKLEN
SORTKPOS
SORTLIST
SORT1END

Name

SORT1SIZ

IATYSPB Information

IATYSPB Heading Information

Common Name: SPOOL PARTITION DEFINITION
Macro ID: IATYSPB
DSECT Name: SPBSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: SPB
Offset: 0
Length: 4
Storage Attributes: Main Storage: SUBPOOL 0
Size: 104 Bytes
Created by: IATINSP
Pointed to by: TVTSPLST in IATYTVT
Serialization: NONE
Function: Describes a SPOOL partition

IATYSPB Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	SPBSTART	
0	(0)	CHARACTER	4	SPBID	DATA AREA IDENTIFIER
4	(4)	CHARACTER	8	SPBNAME	SPOOL PARTITION NAME
12	(C)	CHARACTER	8	SPBOVRFL	NAME OF OVERFLOW SPART
20	(14)	ADDRESS	4	SPBPTAT	ADDR OF PARTITION TAT
24	(18)	SIGNED	4	SPBTATSZ	LENGTH OF PTAT BIT MAP IN BYTES
28	(1C)	ADDRESS	4	SPBSCNPT	ADDR OF PTAT ALLOC RESUME SCAN
32	(20)	SIGNED	4	SPBSCNSZ	SCAN LENGTH REMAINING
36	(24)	ADDRESS	4	SPBEXT	Addr of first EXT entry
40	(28)	ADDRESS	4	SPBNSPB	ADDR OF NEXT SPB
44	(2C)	ADDRESS	4	SPBEXREL	ADDR OF EXTENT RELATIVE VECTOR
48	(30)	SIGNED	4	SPBTALL	# OF TRK GROUPS IN PARTITION
52	(34)	SIGNED	4	SPBNTEXT	LARGEST EXTENT SIZE IN TRK GRP
56	(38)	SIGNED	4	SPBNLEFT	# OF TRACK GROUPS AVAILABLE
60	(3C)	SIGNED	4	SPBMINGP	MIN THRESHOLD TRK GRP COUNT
64	(40)	SIGNED	4	SPBMRGGP	MARG THRESHOLD TRK GRP COUNT
68	(44)	ADDRESS	4	SPBMSGPT	ADDR OF PENDING ACTION MSG
72	(48)	SIGNED	2	SPBGRPSZ	NUMBER OF RECORDS/TRACK GROUP
74	(4A)	SIGNED	2	SPBEXTN	NUMBER OF EXTENTS THIS PART
76	(4C)	SIGNED	2	SPBNDX	INDEX TO THIS PARTITION
78	(4E)	SIGNED	2	SPBOVNDX	INDEX TO OVERFLOW SPART
80	(50)	BITSTRING	1	SPBMINTR	MINIMAL THRESHOLD PERCENTAGE
81	(51)	BITSTRING	1	SPBMRGTR	MARGINAL THRESHOLD PERCENTAGE
82	(52)	BITSTRING	1	SPBFLAG	FLAG BYTE

Comment

```
----------------------------------------------------------------
          DEFINITION OF SPBFLAG
     MUST MATCH SPCFLAG IN IATYSPC AND SPRFLAG IN IATYSPR
----------------------------------------------------------------
```

End of Comment

1...	SPBDEF	"X'80'" DEF=YES
.1..	SPBINIT	"X'40'" INIT=YES
..1.	SPBNOOVR	"X'20'" OVRFL=NO
...1	SPBDEL	"X'10'" PARTITION DELETED
.... 1...	SPBNOALL	"X'08'" ALLOCATION NOT ALLOWED
.... .1..	SPBOVRP	"X'04'" OVERFLOW INTO THIS PARTITION
.... ..1.	SPBMINOV	"X'02'" SPLIM MINIMAL OVERRIDE
....1	SPBMRGOV	"X'01'" SPLIM MARGINAL OVERRIDE

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

				End of Comment	
83	(53)	BITSTRING	1	SPBSTFLG	ALLOCATION STATUS INDICATORS
				Comment	

				DEFINITION OF SPBSTFLG	

				End of Comment	
		1...		SPBMRGQ	"X'80'" MARGINAL THRESHOLD REACHED
		.1..		SPBMRGM	"X'40'" MARGINAL THRESHOLD MSG ISSUED
		..1.		SPBMINQ	"X'20'" MINIMAL THRESHOLD REACHED
		...1		SPBMINM	"X'10'" MINIMAL THRESHOLD MSG ISSUED
		.... 1...		SPBFULLQ	"X'08'" PARTITION IS FULL
		.... .1..		SPBFULLM	"X'04'" PARTITION FULL MSG ISSUED
		.... ..1.		SPBOVFLQ	"X'02'" PARTITION OVERFLOWED
		1		SPBOVFLM	"X'01'" PARTITION OVERFLOW MSG ISSUED
				Comment	

				End of Comment	
84	(54)	BITSTRING	1	SPBWTFLG	FLAG BYTE
				Comment	

				DEFINITION OF SPBWTFLG	

				End of Comment	
		1...		SPBFULLW	"X'80'" THIS SPART AND OVERFLOWS FULL
		.1..		SPBMRGW	"X'40'" MARGINAL COND IN LAST OVRFL SPAR
		..1.		SPBMINW	"X'20'" MINIMAL COND IN LAST OVRFL SPART
		...1		SPBFMSG	"X'10'" NEW MESSAGE NEEDED
85	(55)	BITSTRING	1	SPBFLAG2	Flag byte 2
				Comment	

				Definition of SPBFLAG2	

				End of Comment	
		1...		SPBADDED	"X'80'" SPB was added dynamically
		.1..		SPBDLTED	"X'40'" SPB was deleted dynamically
				Comment	

				End of Comment	
86	(56)	BITSTRING	2	SPBRSVDB	RESERVED FOR DEVELOPMENT
88	(58)	SIGNED	4	SPBNOMIN	DOM id for msg IAT8158
92	(5C)	SIGNED	4	SPBRSVD (2)	RESERVED FOR DEVELOPMENT
100	(64)	SIGNED	4	SPBRSVU (2)	RESERVED FOR USER
108	(6C)	SIGNED	4	SPBRSVS	Reserved for Service
108	(6C)	X'70'	0	SPBEND	"*"

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
108	(6C)	X'70'	0	SPBSIZE	"SPBEND-SPBSTART"

IATYSPB Cross Reference

Name

SPBADDED
SPBDEF
SPBDEL
SPBDLTED
SPBEND
SPBEXREL
SPBEXT
SPBEXTN
SPBFLAG
SPBFLAG2
SPBFMSG
SPBFULLM
SPBFULLQ
SPBFULLW
SPBGRPSZ
SPBID
SPBINIT
SPBMINGP
SPBMINM
SPBMINOV
SPBMINQ
SPBMINTR
SPBMINW
SPBMRGGP
SPBMRGM
SPBMRGOV
SPBMRGQ
SPBMRGTR
SPBMRGW
SPBMSGPT
SPBNAME
SPBNDX
SPBNLEFT
SPBNOALL
SPBNOMIN
SPBNOOVR
SPBNSPB
SPBNTEXT
SPBOVFLM
SPBOVFLQ
SPBOVNDX
SPBOVRFL
SPBOVRP
SPBPTAT
SPBRSVD
SPBRSVDB
SPBRSVS
SPBRSVU
SPBSCNPT
SPBSCNSZ
SPBSIZE
SPBSTART
SPBSTFLG
SPBTALL
SPBTATSZ

Name

SPBWTFLG

IATYSPL Information

IATYSPL Programming Interface information

Programming Interface information

IATYSPL

End of Programming Interface information

IATYSPL Heading Information

Common Name: Intermediate Text Spool Parameter List
Macro ID: IATYSPL
DSECT Name: SPLSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 1
Size: SPLSIZE bytes
Created by: IATINDT
Pointed to by: Contained within IATYINT
Serialization: NONE
Function: This macro is used to generate (and map) the parameter list that is used to read and write the intermediate text associated with an initialization statement via the ITREAD/ITWRITE macros. The parameter list contains the following information:
(1) The identifier that is used to locate the FDB associated with the intermediate text within the Initialization File Directory (IFD).
(2) The length of the data to be written.
(3) The address of the data to be written for ITWRITE requests, or the current logical record number of the record just read for ITREAD requests.
(4) The total number of bytes of intermediate text written so far.

IATYSPL Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	SPLSTART	, Intermediate Text Spool Parameter List
0	(0)	ADDRESS	2	SPLTID	Intermediate text file id
2	(2)	SIGNED	2	SPLDSIZE	Size of data to be written
4	(4)	ADDRESS	4	SPLDADDR	Address of data to be written (for ITWRITE)
4	(4)	X'4'	0	SPLLRECN	"SPLDADDR,4" Logical record number of intermediate text record just read (for ITREAD)
8	(8)	SIGNED	4	SPLTOTAL	Total amount of data written so far
12	(C)	SIGNED	4	SPLEND (0)	End of parameter list
12	(C)	X'C'	0	SPLSIZE	"SPLEND-SPLSTART" Size of parameter list

IATYSPP Information

IATYSPP Programming Interface information

Programming Interface information

IATYSPP

End of Programming Interface information

IATYSPP Heading Information

Common Name: SETPRT INPUT PARAMETER LIST
Macro ID: IATYSPP
DSECT Name: SPPSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Below 16M
Size: 76 Bytes
Created by: IATOSPS
Pointed to by: SPPCHAIN (IATYSPP)
TVTSPPCH (IATYTVT)
Serialization: N/A
Function: SETPRT (SVC81) input parameter list

IATYSPP Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SPPSTART	
0	(0)	ADDRESS	4	SPPCHAIN	ADDR OF NEXT SETPRT ENTRY
4	(4)	ADDRESS	4	SPPECF	ECF ADDRESS TO POST
8	(8)	BITSTRING	1	(3)	MUST BE ZERO, FILLED IN LATER
11	(B)	BITSTRING	1	SPPMSK	MASK TO POST UPON COMPLETION
12	(C)	ADDRESS	4	SPPFCT	SPP FCT SAVE
16	(10)	SIGNED	4	(0)	
16	(10)	ADDRESS	1	SPPESTAE	FLAGS FOR TCB,PURGE,ASYNCH, AND CANCEL
17	(11)	ADDRESS	3		FIELD NO LONGER USED
20	(14)	ADDRESS	4		PARM. LIST ADDR. NOT SPECIFIED
24	(18)	ADDRESS	4		TCB NOT SPECIFIED
28	(1C)	ADDRESS	1		FLAGS
29	(1D)	ADDRESS	1		THIRD FLAG BYTE
30	(1E)	ADDRESS	2		RESERVED
32	(20)	ADDRESS	4		TOKEN VALUE AREA
36	(24)	ADDRESS	4		EXIT ADDR NOT SPECD
40	(28)	BITSTRING	1	SPSTAEND (0)	END OF ESTAE
40	(28)	X'18'	0	ESTASIZE	"SPSTAEND-SPPESTAE"
40	(28)	SIGNED	4	SPPRSVS	RESERVED FOR SERVICE
44	(2C)	SIGNED	2	SPPRSVD	RESERVED FOR DEVELOPMENT
46	(2E)	SIGNED	2	SPPRSVU	RESERVED FOR USER
48	(30)	SIGNED	4	SPABNDFL (0)	ABEND FLAGS
48	(30)	BITSTRING	1	SPABNDF1	ABEND FLAG 1

Comment

```
-------------------------------------------------------------
          DEFINITION OF SPABNDF1
-------------------------------------------------------------
```

End of Comment

		1...		SPPABND	"X'80'" SETPRT ABENDED
		.1..		SPPSTEND	"X'40'" SUBTASK HAS ENDED $$$$
		..1.		SPPSTERM	"X'20'" SUBTASK IN TERMINATION $$$$
49	(31)	BITSTRING	1	SPPDMMOD (16)	SPACE FOR DUMMY COPY MOD(OSPS)
65	(41)	BITSTRING	1	SPPRSVFS	RESERVED FOR SERVICE
66	(42)	BITSTRING	2	SPPRSVFD	RESERVED FOR DEVELOPMENT
68	(44)	BITSTRING	1	SPPRSVFU	RESERVED FOR USER
72	(48)	SIGNED	4	SPPABCC	SETPRT ABEND CODE $$$$

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

```
      IHASPP DSECT=NO
%SPP001:;
 THE FOLLOWING DESCRIBES THE FIELDS OF THE SETPRT (SVC 81)
 PARAMETER LIST. Y02072
 DESCRIPTIVE LAYOUT
  +0 (00) _____________________________________________________
        | | SPPDCBB |
  +4 (04) |_____________|_____________________________________|
        | SPPUCS |
  +8 (08) |___________________________________________________|
        | SPPLDMOD | SPPVERFY | SPPFDUNF | SPPFCB...|
 +12 (0C) |_____________|_____________|_____________|__________|
        | ...SPPFCB | SPPVERAL |
 +16 (10) |_____________________________________|__________|
        | SPPFLAG1 | SPPFLAG2 | SPPCPYNR | SPPSTCNR |
 +20 (14) |_____________|_____________|_____________|__________|
        | SPPLEN @G38ESMH| SPPFRMNR | SPPTRC |
 +24 (18) |_____________________________|_____________|__________|
        | SPPMODPT |
 +28 (1C) |___________________________________________________|
        | SPPIMAGE |
 +32 (20) |___________________________________________________|
        | SPPXLAT1 |
 +36 (24) |___________________________________________________|
        | SPPXLAT2 |
 +40 (28) |___________________________________________________|
        | SPPXLAT3 |
 +44 (2C) |___________________________________________________|
        | SPPXLAT4 |
 +48 (30) |___________________________________________________|
        | SPPEMSGA @G38ESMH|
 +52 (34) |___________________________________________________|
        | SPPLIDCB @G38ESMH|
 +56 (38) |___________________________________________________|
        | SPPCOPYP | SPPFLAG3 | RESERVED
 +60 (3C) |_____________|_____________|_____________________|
        | RESERVED
        |___________________________________________________|
% GOTO SPP002; BYPASS BAL EXPAN
```

		End of Comment			
76	(4C)	SIGNED	4	SPPARM (0)	
76	(4C)	ADDRESS	4	SPPDCBA (0)	SAME AS SPPDCBB BELOW
76	(4C)	BITSTRING	1		FILLER
77	(4D)	ADDRESS	3	SPPDCBB	ADDRESS OF USERS DCB
80	(50)	CHARACTER	4	SPPUCS	UCS IMAGE ID
84	(54)	BITSTRING	1	SPPLDMOD	LOAD MODE
		.1..		SPPLMFLD	"X'40'" UCS FOLD OPTION. TESTED IN UCS IMAGE PROCESSOR.
85	(55)	BITSTRING	1	SPPVERFY	VERIFY UCS IMAGE
		...1		SPPVERIU	"X'10'" VERIFY UCS IMAGE
86	(56)	BITSTRING	1	SPPFDUNF	OPTCD - FOLD OR UNFOLD
		1...		SPPFBLK	"X'80'" BLOCK DATA CHECKS
		.1..		SPPFUBLK	"X'40'" UNBLOCK DATA CHECKS
		..1.		SPPSCHED	"X'20'" SCHEDULE FOR IMMED PRT
		...1		SPPNOSCD	"X'10'" DO NOT SCHED IMMED PRT
		.... 1...		SPPUNFLD	"X'08'" UNFOLD OPTION ASKED
		.... .1..		SPPFOLD	"X'04'" FOLD OPTION ASKED
		1		SPPEXTL	"X'01'" EXTENDED SETPRT LIST
87	(57)	CHARACTER	4	SPPFCB (0)	FCB IMAGE ID
87	(57)	ADDRESS	4	SPPFCBAD (0)	FCB IMAGE ADDRESS
87	(57)	ADDRESS	1		*

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
88	(58)	ADDRESS	3	SPPFCBB	*
91	(5B)	BITSTRING	1	SPPVERAL	VERIFY/ALIGN FCB
		1...		SPPVERIF	"X'80'" VERIFY IMAGE
		.1..		SPPNOFRP	"X'40'" BYPASS FORMS POSITIONING
		1		SPPVERAF	"X'01'" ALIGN FCB
92	(5C)	BITSTRING	1	SPPFLAG1	FIRST BYTE OF FLAGS
		1...		SPPBURST	"X'80'" BURST OPTION ASKED
		.1..		SPPREX	"X'40'" RETRANSMIT ASKED
		..1.		SPPINIT	"X'20'" INIT REQUESTED
		...1		SPPNOMSG	"X'10'" SUPPRESS MESSAGE PRINT
		.... 1...		SPPBFREQ	"X'08'" BYPASS WTOR FOR FORMS OVERLAY
		.... .1..		SPPBTREQ	"X'04'" BYPASS WTOR FOR BURST-THREAD
92	(5C)	X'4'	0	SPPNOMNT	"SPPBTREQ" BYPASS MOUNT MESSAGES
		.... ..1.		SPPBOMSG	"X'02'" BYPASS WCGM OVF. MSG.
		1		SPPFORC	"X'01'" JES FORCE LOAD
93	(5D)	BITSTRING	1	SPPFLAG2	SECOND BYTE OF FLAGS
		1...		SPPMODI	"X'80'" COPY MOD ADDRESS SUPPLIED
		.1..		SPPXLT10	"X'40'" TRANSLATE TABLE 1 ADDRESS SUPPLIED
		..1.		SPPXLT20	"X'20'" TRANSLATE TABLE 2 ADDRESS SUPPLIED
		...1		SPPXLT30	"X'10'" TRANSLATE TABLE 3 ADDRESS SUPPLIED
		.... 1...		SPPXLT40	"X'08'" TRANSLATE TABLE 4 ADDRESS SUPPLIED
		.... .1..		SPPADFCB	"X'04'" FCB ADDRESS SUPPLIED
94	(5E)	BITSTRING	1	SPPCPYNR	NO OF COPIES TO BE PRINTED
95	(5F)	BITSTRING	1	SPPSTCNR	STARTING COPY NUMBER
96	(60)	BITSTRING	2	SPPLEN	PARMLIST LENGTH
98	(62)	BITSTRING	1	SPPFRMNR	NUMBER OF FORM OVERLAY FRAME FLASHED COPIES
99	(63)	BITSTRING	1	SPPTRC	TABLE REF CHAR
100	(64)	ADDRESS	4	SPPMODPT (0)	COPY MODIFY
100	(64)	ADDRESS	4	SPPMDPTA (0)	COPY MOD NAME OR ADDR
100	(64)	BITSTRING	1		FILLER
101	(65)	ADDRESS	3	SPPMDPTB	COPY MODIFY ADDRESS
104	(68)	ADDRESS	4	SPPIMAGE (0)	FORMS OVERLAY
104	(68)	ADDRESS	4	SPPIMAGA (0)	IMAGE NAME OR ADDRESS
104	(68)	BITSTRING	1		FILLER
105	(69)	ADDRESS	3	SPPIMAGB	IMAGE ADDRESS
108	(6C)	ADDRESS	4	SPPXLAT1 (0)	TRANSLATE TABLE 1
108	(6C)	ADDRESS	4	SPPXLT1A (0)	TRANS TABLE 1 NAME
108	(6C)	BITSTRING	1		FILLER
109	(6D)	ADDRESS	3	SPPXLT1B	TRANS TABLE 1 ADDRESS
112	(70)	ADDRESS	4	SPPXLAT2 (0)	TRANSLATE TABLE 2
112	(70)	ADDRESS	4	SPPXLT2A (0)	TRANS TABLE 2 NAME
112	(70)	BITSTRING	1		FILLER
113	(71)	ADDRESS	3	SPPXLT2B	TRANS TABLE 2 ADDRESS
116	(74)	ADDRESS	4	SPPXLAT3 (0)	TRANSLATE TABLE 3
116	(74)	ADDRESS	4	SPPXLT3A (0)	TRANS TABLE 3 NAME
116	(74)	BITSTRING	1		FILLER
117	(75)	ADDRESS	3	SPPXLT3B	TRANS TABLE 3 ADDRESS
120	(78)	ADDRESS	4	SPPXLAT4 (0)	TRANSLATE TABLE 4
120	(78)	ADDRESS	4	SPPXLT4A (0)	TRANS TABLE 4 NAME
120	(78)	BITSTRING	1		FILLER
121	(79)	ADDRESS	3	SPPXLT4B	TRANS TABLE 4 ADDRESS
124	(7C)	ADDRESS	4	SPPEMSGA	USER MESSAGE AREA PTR.
128	(80)	ADDRESS	4	SPPLIDCB	USER LIB DCB ADDRESS
132	(84)	BITSTRING	1	SPPCOPYP	COPYP SPECIFICATION
133	(85)	BITSTRING	1	SPPFLAG3	THIRD BYTE OF FLAGS
		1...		SPPCPYPS	"X'80'" COPYP WAS SPECIFIED
		.1..		SPPPSPDS	"X'40'" PSPEED WAS SPECIFIED

Comment

EQU X'20' RESERVED
EQU X'10' RESERVED

End of Comment

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		 1111		SPPPSPED	"X'0F'" PSPEED SPECIFICATION AS FOLLOWS: BITS 4-7 0000 - NOCHANGE 0100 - LOW 1000 - MEDIUM 1100 - HIGH
134	(86)	BITSTRING	1	(6)	RESERVED
134	(86)	X'8C'	0	SPPEND	"*" END OF SETPRT PARMLIST
134	(86)	X'40'	0	SPPLSTLN	"SPPEND-SPPARM" PARAMETER LIST LENGTH

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SPPMCOMA	
0	(0)	BITSTRING	2	SPPMCLEN	LENGTH OF AREA
2	(2)	BITSTRING	2	SPPRSV02	RESERVED
4	(4)	BITSTRING	2	SPPRSV04	RESERVED
6	(6)	BITSTRING	2	SPPTXTL	LENGTH OF RETURN TEXT
8	(8)	BITSTRING	2	SPPRSV08	RESERVED
10	(A)	CHARACTER	1	SPPTXT	RETURNED TEXT

Comment

SET PRINT ERROR RETURN CODES. THESE CODES WILL BE PLACED IN THE PROPER LOCATION IN REGISTER 15, TO INDICATE THE ERROR CONDITION THAT HAS OCCURED.

End of Comment

....	SPPSUCCP	"X'00'" SUCCESSFUL COMPLETION
.... .1..	SPPIMNO	"X'04'" IMAGE NOT FOUND
.... 1...	SPPBLDLP	"X'08'" BLDL PERMANENT I/O ERROR
.... 11..	SPPLOADP	"X'0C'" LOAD PERMANENT I/O ERROR
...1	SPPREADP	"X'10'" READ PERMANENT I/O ERROR
...1 .1..	SPPFCBV	"X'14'" WRONG FCB IMAGE
...1 1...	SPPNOOP	"X'18'" NO OPERATION PERFORMED
...1 11..	SPPUCERR	"X'1C'" NOP, PREVIOUS UNCORRECTIABLE ERROR
..1.	SPPSPACE	"X'20'" INSUFFICIENT SPACE
..1. .1..	SPPIMLIB	"X'24'" IMAGE LIBRARY CAN NOT BE OPENED
..1. 1...	SPPFOVLF	"X'28'" CAN NOT LOAD FORMS OVERLAY FRAME
..1. 11..	SPPCANCL	"X'2C'" OPERATOR CANCELED
..11	SPPMCGM	"X'30'" TOO MANY CGMS REQUESTED
..11 .1..	SPPTRCIN	"X'34'" COPY MOD TRC FIELD INVALID
..11 1...	SPPEODSR	"X'38'" ERROR WHILE ISSUING EODS
..11 11..	SPPNOBR	"X'3C'" NO BURSTER/SHEET STACKERFEATURE INSTALLED
.1..	SPPPIOER	"X'40'" A PERMENT I/O ERROR HAS OCCURED
.1.. .1..	SPPNOCGM	"X'44'" CGM NOT SPECIFIED IN CHARACTER ARRANGEMENT TABLE TRAILER
.1.. 1...	SPPLDATA	"X'48'" LOST DATA DUE TO CANCEL KEY OR SYSTEM RESTART
.1.. 11..	SPPLDCHK	"X'4C'" I/O ERROR LOAD CHECK
.1.1	SPPSPOOL	"X'50'" ERROR ON SETPRT-SYSOUT

Comment

SET PRINT 3800 REASON CODES. THESE CODES WILL APPEAR IN REGISTER 0, WHEN AN ERROR CONDITION IS RETURNED.

End of Comment

.... .1..	SPPTRTBL	"X'04'" TRANSLATE TABLE
.... .1..	SPPPJAM	"X'04'" PRINTER SYSTEM RESTART
.... .1..	SPPISTOR	"X'04'" IN STORAGE ADDRESS SPECIFIED FOR SYSOUT
.... 1...	SPPCPMOD	"X'08'" COPY MODIFY RECORD
.... 1...	SPPCNCLK	"X'08'" CANCEL KEY
.... 1...	SPPJFCB	"X'08'" ERROR REDING JFCB OR JFCBE FOR SYSOUT DATA
.... 11..	SPPCPNR	"X'0C'" COPY NUMBER

IATYSPP Cross Reference

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... 11..		SPPCLOSE	"X'0C'" CLOSE SSI ERROR
		...1		SPPGCMR	"X'10'" GRAPHIC CHARACTER MODULE RECORD
		...1		SPPOPEN	"X'10'" OPEN SSI ERROR
		...1 .1..		SPPFOSEQ	"X'14'" FORMS OVERLAY SEQUENCE CONTROL RECORD
		...1 .1..		SPPSFA	"X'14'" SPOOL FILE ALLOCATION ERROR FOR SYSOUT DATA
		...1 1...		SPPLCS	"X'18'" LIBRARY CHARACTER SET
		...1 1...		SPPENQ	"X'18'" SYSOUT TIOT ENQ ERROR
		...1 11..		SPPCGMR	"X'1C'" CHARACTER GENERATION MODULE
		...1 11..		SPPOPCT	"X'1C'" MULTIPLE SYSOUT DCBS
		..1.		SPPFCBRC	"X'20'" FORMS CONTROL BUFFER
11	(B)	BITSTRING	1	SPPSIZE (0)	

IATYSPP Cross Reference

Name

ESTASIZE
SPABNDFL
SPABNDF1
SPPABCC
SPPABND
SPPADFCB
SPPARM
SPPBFREQ
SPPBLDLP
SPPBOMSG
SPPBTREQ
SPPBURST
SPPCANCL
SPPCGMR
SPPCHAIN
SPPCLOSE
SPPCNCLK
SPPCOPYP
SPPCPMOD
SPPCPNR
SPPCPYNR
SPPCPYPS
SPPDCBA
SPPDCBB
SPPDMMOD
SPPECF
SPPEMSGA
SPPEND
SPPENQ
SPPEODSR
SPPESTAE
SPPEXTL
SPPFBLK
SPPFCB
SPPFCBAD
SPPFCBB
SPPFCBRC
SPPFCBV
SPPFCT
SPPFDUNF

Name

SPPFLAG1
SPPFLAG2
SPPFLAG3
SPPFOLD
SPPFORC
SPPFOSEQ
SPPFOVLF
SPPFRMNR
SPPFUBLK
SPPGCMR
SPPIMAGA
SPPIMAGB
SPPIMAGE
SPPIMLIB
SPPIMNO
SPPINIT
SPPISTOR
SPPJFCB
SPPLCS
SPPLDATA
SPPLDCHK
SPPLDMOD
SPPLEN
SPPLIDCB
SPPLMFLD
SPPLOADP
SPPLSTLN
SPPMCGM
SPPMCLEN
SPPMCOMA
SPPMDPTA
SPPMDPTB
SPPMODI
SPPMODPT
SPPMSK
SPPNOBR
SPPNOCGM
SPPNOFRP
SPPNOMNT
SPPNOMSG
SPPNOOP
SPPNOSCD
SPPOPCT
SPPOPEN
SPPPIOER
SPPPJAM
SPPPSPDS
SPPPSPED
SPPREADP
SPPREX
SPPRSVD
SPPRSVFD
SPPRSVFS
SPPRSVFU
SPPRSVS
SPPRSVU
SPPRSV02
SPPRSV04
SPPRSV08
SPPSCHED

Name

SPPSFA
SPPSIZE
SPPSPACE
SPPSPOOL
SPPSTART
SPPSTCNR
SPPSTEND
SPPSTERM
SPPSUCCP
SPPTRC
SPPTRCIN
SPPTRTBL
SPPTXT
SPPTXTL
SPPUCERR
SPPUCS
SPPUNFLD
SPPVERAF
SPPVERAL
SPPVERFY
SPPVERIF
SPPVERIU
SPPXLAT1
SPPXLAT2
SPPXLAT3
SPPXLAT4
SPPXLT1A
SPPXLT1B
SPPXLT10
SPPXLT2A
SPPXLT2B
SPPXLT20
SPPXLT3A
SPPXLT3B
SPPXLT30
SPPXLT4A
SPPXLT4B
SPPXLT40
SPSTAEND

IATYSRD Information

IATYSRD Programming Interface information

Programming Interface information

IATYSRD

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

- SNFRRLCB
- SRDELCB
- SRDINCD
- SRDMSTLG
- SRDSIMLG
- SRDSSWE

End of Programming Interface information

IATYSRD Heading Information

Common Name: SNARJP DATA CSECT
Macro ID: IATYSRD
DSECT Name: QMSSTART, SNRJSV, SDUMWORK, SNFRRPAR
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: SRD
Offset: 0
Length: 4
Storage Attributes: Main Storage: Contained within module IATSNL in the JES3 Private Area. Below 16M
Auxiliary Storage: N/A
Size: 1786 Bytes
Created by: MODULE IATSNL
Pointed to by: SRTSRDC in the SNA RJP RESIDENT TABLE (IATYSRT).
Serialization: N/A
Function: Contains control fields and routine addresses needed by the SNA RJP DSP and SNA RJP SUBTASK.

IATYSRD Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	QMSSTART	
0	(0)	SIGNED	4	QMSCHN	CHAIN FIELD FOR CHAINING MSG TO SRT
4	(4)	SIGNED	2	QMSRSVD	Reserved for development
6	(6)	BITSTRING	1	QMSFLAG	FLAG FOR MESSAGE WHEN QUEUED
6	(6)	X'6'	0	QMSCON	"QMSFLAG" DESTINATION CONSOLE
		.1..		QMSLOG	"X'40'" SEND MESSAGE TO SYSTEM LOG
		..1.		QMSERR	"X'20'" SEND MESSAGE TO ERR CONSOLE
		...1		QMSALL	"X'10'" SEND MESSAGE TO ALL CONSOLE
		.... 1...		QMSCNID	"X'08'" SEND TO CONSOLE ID SPECIFIED
		.... ..1.		QMSTP	"X'02'" SEND MESSAGE TO TP CONSOLE

Comment

```
MSCNDB IATYCNDB DSECT=NO CONSOLE DESTINATION 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
```

```
 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
8	(8)	SIGNED	4	QMSCNDB (0)	IATYCNDB.27: based variable for storage mapping
8	(8)	SIGNED	4		Four byte console id 0176
12	(C)	CHARACTER	4		IATYCNDB eyecatcher
16	(10)	ADDRESS	4		IATYCNDB version
20	(14)	BITSTRING	8		Reserved for development
28	(1C)	BITSTRING	8		Console Name 0176
36	(24)	BITSTRING	24		Reserved for development
60	(3C)	SIGNED	2		Reserved for development
62	(3E)	BITSTRING	40		Reserved for development
102	(66)	CHARACTER	0	QMSTEXT (0)	SIZE FIELD PLUS MSG TEXT
102	(66)	BITSTRING	1	QMSSIZE	SIZE TO MESSAGE
103	(67)	BITSTRING	120	QMSMSG	MESSAGE TEXT AREA
224	(E0)	DBL WORD	8	QMSWKA1	WORK AREA 1
232	(E8)	BITSTRING	12	QMSWKA2	WORK AREA 2
248	(F8)	DBL WORD	8	(0)	Ensure doubleword alignment
248	(F8)	X'F8'	0	QMSEND	"*-QMSSTART" SIZE OF QMS DSECT

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SNRJSV	
0	(0)	CHARACTER	0	SNRJSVA (0)	STANDARD 18 WORD SAVEAREA
0	(0)	SIGNED	4	SNRJSVCH	USED TO CHAIN TO FREE QUEUE
0	(0)	SIGNED	4	SNRJSVRT	USED TO SAVE RETURN ADDR FOR FRR RECOVERY
4	(4)	SIGNED	4	SNRJSVBK	BACKWARD SAVE AREA POINTER
8	(8)	SIGNED	4	SNRJSVFW	FORWARD SAVE AREA POINTER
12	(C)	SIGNED	4	SNRJSVRG (15)	REGISTERS R14 THRU R12
72	(48)	CHARACTER	0	SNRJSVWK (0)	WORK AREA
72	(48)	SIGNED	4	SNRJSVW1	WORK WORD 1
76	(4C)	SIGNED	4	SNRJSVW2	WORK WORD 2
80	(50)	SIGNED	4	SNRJSVW3	WORK WORD 3
84	(54)	SIGNED	4	SNRJSVW4	WORK WORD 3
84	(54)	X'58'	0	SNRJSVSZ	"*-SNRJSV" SIZE OF SNRJSV DSECT

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SDUMWORK	
0	(0)	ADDRESS	4	SDUMSAVE (18)	SAVE AREA FOR BRANCH ENTRY
72	(48)	ADDRESS	4	SDUMRET	RETURN ADDRESS
76	(4C)	SIGNED	4	SDUMADRL (0)	START OF ADDRESS LIST
76	(4C)	ADDRESS	4	SDUMSTRA	BEGINING ADDRESS
80	(50)	ADDRESS	4	SDUMENDA	ENDING ADDRESS
80	(50)	X'8'	0	SDUMELEN	"*-SDUMSTRA" LENGTH OF LIST ENTRY
84	(54)	SIGNED	2	SDUMLSTE (0)	
		1...		SDUMLAST	"X'80'" END OF LIST INDICATOR
76	(4C)	ADDRESS	4	(30)	
76	(4C)	X'C4'	0	SDUMWRKE	"*" END OF LIST
76	(4C)	X'C4'	0	SDUMWRKL	"SDUMWRKE-SDUMWORK" LENGTH OF WORK AREA ERR GREATER THAN 200
196	(C4)	BITSTRING	1	(0)	

Offsets Dec	Hex	Type/Value	Len	Name (Dec)	Description
0	(0)	STRUCTURE	0	SNFRRPAR	
0	(0)	ADDRESS	4	SNFRRLCB	LCB ADDRESS
4	(4)	ADDRESS	4	SNFRRCID	SESSION ID (CID)
8	(8)	BITSTRING	1	SNFRRTOK	RELATED TOKEN VALUE
9	(9)	BITSTRING	1	SNFRRFLG	FRR CONTROL FLAG
		1...		SNFRRRIC	"X'80'" RETRY ROUTINE ENTERED
		.1..		SNFRRECR	"X'40'" FRR recursion flag - set when FRR is entered the first time
9	(9)	X'A'	0	SNFRREND	"*" END OF PARAMETER LIST GENERATE ERROR IF LENGTH EXCEEDS 6 WORDS
10	(A)	BITSTRING	1	(0)	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SRDMPADS	
0	(0)	ADDRESS	4	SRDMPDCB	CONSOLE DESTINATION BLOCK
4	(4)	ADDRESS	4	SRDMPDMA	MESSAGE ADDRESS
8	(8)	ADDRESS	4	SRDMPDVL (7)	LIST OF ADDRESSES OF MESSAGE PARAMETERS
8	(8)	X'24'	0	SRDMPDED	"*" END OF PARAMETER LIST
8	(8)	X'24'	0	SRDMPLEN	"(SRDMPDED-SRDMPADS)" GENERATE ERROR IF LENGTH EXCEEDS 36 BYTES
36	(24)	BITSTRING	1	(0)	

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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				IATYSRD --- S N A R J P D A T A C S E C T USED--TO CONTAIN THOSE FIELDS NEEDED BY THE SNA RJP DSP AND SNA RJP SUBTASK SNARJP SAVE AREA. 18 WORD SAVE AREA REQUIRED TO BE THE FIRST ENTRY IN THE SNARJP DATA CSECT SO THAT THE DSP CAN ISSUE VTAM MACROS. VTAM REQUIRES R13 TO POINT TO A SAVE AREA AND JES3 REQUIRES R13 TO POINT TO THE DATA CSECT.	
				End of Comment	
0	(0)	SIGNED	4	SRDDSPSV (18)	DSP SAVE AREA
				Comment	
				LIST OF MODULES TO BE ALOADED BY SNARJP DSP FORMAT--8 CHARACTER MODULE NAME --4 BYTE ADDRESS--THIS IS 1 IF MODULE NOT AVAIL DURING TEST TIME. FILLED WITH ENTRY PT LOC AT LOAD TIME --X'FF' END OF TABLE ENTRY IN NAME FIELD	
				End of Comment	
72	(48)	CHARACTER	8	SRDMDLST	SNA RJP BUILD CONTROL BLOCKS MODULE
80	(50)	ADDRESS	4	SRDEPLOC	ADRESS SET WHEN LOADED
80	(50)	X'C'	0	SRDMDLEN	"*-SRDMDLST" LENGTH OF ENTRY
84	(54)	CHARACTER	8		SUBTASK MODULE, LOADED BY ATTACH
96	(60)	CHARACTER	8		SNA RJP CANCEL MODULE
108	(6C)	CHARACTER	8		SNA RJP OPERATOR CMD MODULE
120	(78)	CHARACTER	8		DFC NEGATIVE RESPONSE ROUTINE
132	(84)	CHARACTER	8		DFC RECEIVE ROUTINE
144	(90)	CHARACTER	8		DFC RESTART ROUTINE
156	(9C)	CHARACTER	8		DFC RUGET ROUTINE
168	(A8)	CHARACTER	8		DFC STATE MANAGER ROUTINE
180	(B4)	CHARACTER	8		DFC WORKSTATION OPEN ROUTINE
192	(C0)	CHARACTER	8		DFC WORKSTATION CLOSE ROUTINE
204	(CC)	CHARACTER	8		DFC DFASY ROUTINE
216	(D8)	CHARACTER	8		DFC OUTPUT ROUTINE
228	(E4)	CHARACTER	8		DFC RESPONSE ROUTINE
240	(F0)	CHARACTER	8		DFC RUPUT ROUTINE
252	(FC)	CHARACTER	8		DFC SEND ROUTINE
264	(108)	CHARACTER	8		DFC TERMINATE ROUTINE
276	(114)	CHARACTER	8		DFC FRR ROUTINE
288	(120)	CHARACTER	8		DFC RETURN CODE ANALYSIS ROUTINE
300	(12C)	CHARACTER	8		SAVE AREA GET ROUTINE
312	(138)	CHARACTER	8		FUNCTION MANAGEMENT INBOUND ROUTINE
324	(144)	CHARACTER	8		FUNCTION MANAGEMENT OUTBOUND ROUTINE
336	(150)	CHARACTER	8		PRESENTATION SERVICE INBOUND
348	(15C)	CHARACTER	8		PRESENTATION SERVICE OUTBOUND
360	(168)	CHARACTER	8		MESSAGE SEND ROUTINE
372	(174)	CHARACTER	8		SNARJP FAILDSP PROCESSOR
384	(180)	CHARACTER	8		TERMINATION STATUS MANAGER
396	(18C)	CHARACTER	8		LCB USE COUNT MANAGER
408	(198)	CHARACTER	8		TERMINATION RESET ROUTINE
420	(1A4)	CHARACTER	8		EXTRA ENTRY FOR EXPANSION
432	(1B0)	CHARACTER	8		EXTRA ENTRY FOR EXPANSION
444	(1BC)	CHARACTER	8	SRDRSVU1	RESERVED FOR USER
456	(1C8)	BITSTRING	1	SRDMLEN	MUST BE LAST ENTY IN MODULIST

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		EXECUTE INSTRUCTION USED TO INITIALIZE THE ENTRY POINT ADDRESS IN SNARJP MODULE AFTER ALOAD BASE AND DISPLACEMENT ARE MODIFIED DYNAMICALLY			
		End of Comment			
		Comment			
		ADCONS OF SUBROUTINES OF SNARJP DSP/SUBTASK			
		End of Comment			
464	(1D0)	ADDRESS	4	SRDACNTL	ADDRESS OF CONTROL AWAIT
468	(1D4)	ADDRESS	4	SRDRNJSS	ADDRESS OF RETURN TO JSS RTN
472	(1D8)	ADDRESS	4	SRDSUBT	ADDRESS OF SUBTASK RTN
476	(1DC)	ADDRESS	4	SRDOPCL	ADDRESS OF OPEN/CLOSE RTN
480	(1E0)	ADDRESS	4	SRDBLDCB	ADDRESS OF BUILD CONTROL BLOCK RTN
484	(1E4)	ADDRESS	4	SRDCNRJP	ADDDRESS OF CANCEL SNARJP ROUTINE
488	(1E8)	ADDRESS	4	SRDCNLWS	ADDRESS OF CANCEL WORKSTATION
492	(1EC)	ADDRESS	4	SRDSIMLX	ADDRESS OF SIMLOGON EXIT
496	(1F0)	ADDRESS	4	SRDOPNDX	ADDRESS OF OPNDST EXIT
500	(1F4)	ADDRESS	4	SRDCLSDX	ADDRESS OF CLSDST EXIT
504	(1F8)	ADDRESS	4	SRDCLSEX	ADDRESS OF CLSDST ERROR EXIT
508	(1FC)	ADDRESS	4	SRDSETLX	ADDRESS OF SETLOGON EXIT
512	(200)	ADDRESS	4	SRDLSTMX	ADDRESS OF LOSTERM EXIT
516	(204)	ADDRESS	4	SRDTPNDX	ADDRESS OF TPEND EXIT
520	(208)	ADDRESS	4	SRDLOGNX	ADDRESS OF LOGON EXIT
524	(20C)	ADDRESS	4	SRDESTA	ADDRESS OF ESTAE RTN
528	(210)	ADDRESS	4	SRDJESTA	ADDRESS OF JESTAE RTN
532	(214)	ADDRESS	4	SRDJRTRY	ADDRESS OF JESTAE RETRY RTN
536	(218)	ADDRESS	4	SRDRMVCB	ADDRESS OF REMOVE CONTROL BLOCK RTN
540	(21C)	ADDRESS	4	SRDOPCOM	ADDRESS OF PROCESS OP COMMAND RTN
544	(220)	ADDRESS	4	SRDRSVS4	Reserved for service
548	(224)	ADDRESS	4	SRDPWKQ	ADDRESS OF PROCESS WORK QUEUE RTN
552	(228)	ADDRESS	4	SRDPMSGQ	Address of process msg queue
556	(22C)	ADDRESS	4	SRDCONSV	LOC OF CONSOLE SERV. APPENDAGE
560	(230)	ADDRESS	4	SRDSIMRT	SIMLOGON SUBROUTINE IN IATSNLD
564	(234)	ADDRESS	4	SRDRSVD2 (2)	RESERVED FOR DEVELOPMENT
572	(23C)	CHARACTER	4	SRDCBID	CONTROL BLOCK EYE CATCHER
576	(240)	ADDRESS	4	SRDINCD	CURRENT WSB FOR INCD QUEUE
576	(240)	X'240'	0	SRDINFL	"SRDINCD" FLAG FOR INCD PROCESSOR
		1...		SRDINFLM	"X'80'" INCD PROCESSOR ACTIVE -MUST BE JUST HIGH ORDER BIT
580	(244)	ADDRESS	4	SRDRSVU2	RESERVED FOR USER
		Comment			
		CONSTANTS			
		End of Comment			
584	(248)	SIGNED	4	SRDFFOUR	FOR GENERAL USE
588	(24C)	SIGNED	4	SRDFONE	FOR GENERAL USE
592	(250)	SIGNED	2	SRDRUMIN	MINIMUM RU SIZE
594	(252)	SIGNED	2	SRDRUMAX	MAXIMUM RU SIZE
596	(254)	SIGNED	2	SRDRUBIG	HALF MAXIMUM RU SIZE
		...1 11..		SRDRUBB	"X'1C'" ENCODED 4096
		1... .1.1		SRDRULB	"X'85'" ENCODED 256
598	(256)	BITSTRING	1	SRDBUFLM	LIMIT OF LOSTERM'S PER SESSION PERMITTED PRIOR TO ISSUING A CLSDST
599	(257)	BITSTRING	1	SRDRSVD8	RESERVED FOR DEVELOPMENT
600	(258)	BITSTRING	1	SRDRSVS8	RESERVED FOR SERVICE
601	(259)	BITSTRING	1	SRDRSVU8	RESERVED FOR USER
601	(259)	X'1'	0	SRDONE	"1" COMPARE VALUE FOR MODULE NOT AVAIL

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
601	(259)	X'2'	0	SRDTWO	"2" FOR GENERAL USE
601	(259)	X'3'	0	SRD3	"3" FOR GENERAL USE
601	(259)	X'4'	0	SRDFOUR	"4" FOR GENERAL USE
601	(259)	X'7'	0	SRD7	"7" FOR GENERAL USE
601	(259)	X'0'	0	SRDZERO	"0" FOR GENERAL USE
601	(259)	X'0'	0	SRDPERR	"0" PERMANET ERROR CODE
601	(259)	X'4'	0	SRDRETRY	"4" RETRYCODE
601	(259)	X'8'	0	SRDNORML	"8" NORMAL CODE
601	(259)	X'D'	0	SRDPOOL	"13" SUBPOOL # FOR ALL SNA GETMAINS
601	(259)	X'84'	0	SRDCONRL	"132" MAX LEN FOR CON OR PRT RECORD
				Comment	
				VTAM APPLICATION ID, PASSWORD, AND ECB.	
				End of Comment	
602	(25A)	BITSTRING	1	SRDAPLNL	LENGTH OF APPLICATION NAME
603	(25B)	CHARACTER	8	SRDAPLNM	APPLICATION NAME
611	(263)	BITSTRING	1	SRDAPSWL	LENGTH OF PASSWORD
612	(264)	CHARACTER	8	SRDAPSWD	PASSWORD
620	(26C)	SIGNED	4	SRDCLECB	ECB FOR CLOSE ACB
				Comment	
				VTAM BIND REJECTION SENSE CODES	
				End of Comment	
624	(270)	BITSTRING	1	SRDSENBC	SENSE CODE INFORMATION USED BY THE BUILD CONTROL BLOCKS ROUTINE
625	(271)	BITSTRING	1	SRDMODBC	SENSE MODIFIER CODE INFORMATION USED BY THE BUILD CONTROL BLOCK ROUTINE
		1		SRDRNA	"X'01'" RESOURCE NOT AVAILABLE
		.... .1..		SRDBPASS	"X'04'" INVALID PASSWORD SPECIFIED
		.... .1.1		SRDSLMEX	"X'05'" SESSION LIMIT EXCEEDED
		 1111		SRDEUNA	"X'0F'" END USER NOT AUTHORIZED
		...1 .1.1		SRDFACT	"X'15'" FUNCTION ACTIVE
		...1 1...		SRDLPAT	"X'18'" LINK PROCEEDURE ACTIVE WORKSTATION BEING LOGGED OFF
		..1. ...1		SRDINVSP	"X'21'" INVALID SESSION PARAMETERS
				Comment	
				VARIABLES	
				End of Comment	
628	(274)	ADDRESS	4	SRDMSTLG	MASTER SIMLOGON POINTER SET TO FIRST
				Comment	
				RLT DURING INITIALIZATION, UPDATED AS SIMLOGON IS ISSUED FOR EACH WORKSTATION	
				End of Comment	
632	(278)	ADDRESS	4	SRDSIMLG	SIMLOGON POINTER, ADDRESSOF RLT FOR WHICH A SIMLOGON IS TO BE ISSUED
636	(27C)	ADDRESS	4	SRDFPTR	FIRST PRINTER SUPUNIT ON WS (TEMP)
640	(280)	ADDRESS	4	SRDFPUN	FIRST PUNCH SUPUNIT ON WS (TEMP)
644	(284)	ADDRESS	4	SRDWSBL	ADDRESS OF AGTMNED AREA FOR WSB
648	(288)	ADDRESS	4	SRDLCBL	ADDRESS OF AGTMNED AREA FOR LCB
652	(28C)	SIGNED	4	SRDSECPL	ADDR OF SECURITY PARAMETER LIST (MAPPED BY IATYSEC)
656	(290)	ADDRESS	4	SRDRULOC	ADDRESS OF AGTMNED AREA FOR RU'S
660	(294)	SIGNED	4	SRDOPNRT	RETURN CODE FROM OPEN ACB
664	(298)	BITSTRING	12	SRDWSFDB	WORKSTATION BLOCK FDB
676	(2A4)	BITSTRING	12	SRDSPFDB	SUPUNIT FDB

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
688	(2B0)	BITSTRING	28	SRDTATFD	SRF TAT FDB FOR TRACE TABLE
716	(2CC)	BITSTRING	32	SRDTRFDB	FDB FOR TR TABLE SPINOFF
748	(2EC)	ADDRESS	4	SRDTRCON	TRACE ON ROUTINE
752	(2F0)	ADDRESS	4	SRDTROFF	TRACE OFF ROUTINE
756	(2F4)	ADDRESS	4	SRDBUFTR	TRACE BUFFER SPIN OFF RTN
760	(2F8)	SIGNED	4	SRDTBYTS	TRACE number of bytes
764	(2FC)	SIGNED	2	SRDRUSZ	RU SIZE FOR THIS SESSION
764	(2FC)	X'2FC'	0	SRDGETSZ	"SRDRUSZ" ALTERNATE NAME
766	(2FE)	SIGNED	2	SRDRUBSZ	RU BUFFER SIZE
768	(300)	SIGNED	2	SRDRUNM	NUMBER OF RU'S FOR THIS SESSION
770	(302)	SIGNED	2	SRDSUPNM	NUMBER OF SUPUNITS FOR THIS WS
772	(304)	CHARACTER	8	SRDCTBNM	CTAB NAME
780	(30C)	SIGNED	2	SRDDEVSZ	TOTAL SPACE FOR DVE'S
782	(30E)	BITSTRING	1	SRDACBOP	ECF USED BY TO COMMUNICATE
783	(30F)	BITSTRING	1	SRDRSVD3	RESERVED FOR DEVELOPMENT
784	(310)	BITSTRING	1	SRDRSVS3	RESERVED FOR SERVICE
785	(311)	BITSTRING	1	SRDRSVU3	RESERVED FOR USER
788	(314)	SIGNED	4	SRDRTADR	RETRY ROUTINE RETURN ADDR
792	(318)	ADDRESS	4	SRDSGINF	Pointer to info record
796	(31C)	BITSTRING	8	SRDSGNPM (0)	Parm list for JESXCF SIGNON
796	(31C)	ADDRESS	4	SRDSGNAM	Pointer to console name
800	(320)	ADDRESS	4	SRDSGINA	Pointer to info record addr
804	(324)	SIGNED	2	SRDRSVD5	Reserved for development
806	(326)	SIGNED	2		RESERVED
808	(328)	SIGNED	2	SRDPRUSZ	OUTBOUND RU SIZE
810	(32A)	SIGNED	2	SRDSRUSZ	INBOUND RU SIZE
812	(32C)	SIGNED	4	SRDRSVU4	RESERVED FOR USER BACK TO DSP DURING OPEN ACB
812	(32C)	X'30E'	0	SRDOSUC	"SRDACBOP" VTAM OPEN ACB SUCCESSFUL
		1...		SRDOSUCM	"X'80'" MASK FOR OPNSUC
812	(32C)	X'30E'	0	SRDOFAL	"SRDACBOP" VTAM OPEN ACB FAILED
		.1..		SRDOFALM	"X'40'" MASK FOR OPNFAIL
816	(330)	BITSTRING	1	SRDSPFL1	DSP FLAG BYTE
816	(330)	X'330'	0	SRDCNN	"SRDSPFL1" CANCEL SNA RJP FLAG
		1...		SRDCNNM	"X'80'" CANCEL SNA RJP IF ON
816	(330)	X'330'	0	SRDCNI	"SRDSPFL1" CANCEL SNA RJP IMMEDIATE
		.1..		SRDCNIM	"X'40'" IF ON
816	(330)	X'330'	0	SRDCRPN	"SRDSPFL1" PREVENTS REPETITIVE CANCEL NORMAL
		..1.		SRDCRPNM	"X'20'" IF ON
816	(330)	X'330'	0	SRDCRPI	"SRDSPFL1" PREVENTS REPETITIVE CANCEL IMMEDIATE
		...1		SRDCRPIM	"X'10'" IF ON
816	(330)	X'330'	0	SRDCNWS	"SRDSPFL1" CANCEL WORKSTATION IMMEDIATED
		.... 1...		SRDCNWSM	"X'08'" IF ON
816	(330)	X'330'	0	SRDFRC	"SRDSPFL1" FORCE SNARJP FLAG ON
		.... .1..		SRDFRCM	"X'04'" IF ON
817	(331)	CHARACTER	10	SRDMVAR1	MESSAGE VARIABLE 1
827	(33B)	CHARACTER	10	SRDMVAR2	MESSAGE VARIABLE 2
837	(345)	CHARACTER	10	SRDMVAR3	MESSAGE VARIABLE 3
847	(34F)	BITSTRING	1	SRDCWK	CURRENT WORK WORD
848	(350)	BITSTRING	1	SRDCSVWK	SAVE OF CURRENT WORK WORD
849	(351)	CHARACTER	133	SRDICCOM	BFR FOR COMMANDS TO INTERCOM
982	(3D6)	CHARACTER	1	SRDCOMM	CONSOLE COMMAND CODE
983	(3D7)	CHARACTER	5	SRDWSNAM	CONSOLE COMMAND WS NAME
988	(3DC)	CHARACTER	16	SRDCVHEX	BINARY-HEX CONV. TBL.

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

Comment

RDCNDB IATYCNDB DSECT=NO CALLING CONSOLE DESTINATION 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
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:

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			
1004	(3EC)	SIGNED	4	SRDCNDB (0)	IATYCNDB.27: based variable for storage mapping
1004	(3EC)	SIGNED	4		Four byte console id 0176
1008	(3F0)	CHARACTER	4		IATYCNDB eyecatcher
1012	(3F4)	ADDRESS	4		IATYCNDB version
1016	(3F8)	BITSTRING	8		Reserved for development
1024	(400)	BITSTRING	8		Console Name 0176
1032	(408)	BITSTRING	24		Reserved for development
1056	(420)	SIGNED	2		Reserved for development
1058	(422)	BITSTRING	40		Reserved for development BLOCK
		Comment			
---------- JESTAE/ESTAE FIELDS ----------					
		End of Comment			
1100	(44C)	SIGNED	4	(0)	ALIGN ON FULLWORD BOUNDARY
		Comment			
SUBROUTINES FOR SNARJP DSP/SUBTASK					
		End of Comment			
1100	(44C)	ADDRESS	4	SRDSETAC	ACTIVATE SNARJP SUBRTN
1104	(450)	ADDRESS	4	SRDINITD	CHECK WS ENTRIES SUBRTN
		Comment			
SAVE WORD FOR RPL ADDR IN THE CASE OF ADM551. USED FOR SNARJP DSP RECOVERY ONLY.					
		End of Comment			
1108	(454)	ADDRESS	4	SRD551RP	CONTAINS FAILING RPL ADDR OR 0 IN THE CASE OF A DM551
		Comment			
FAILSOFT DMXXX FAILURE CODE IF A FAILDSP OCCURRED, OR ELSE, BLANK. USED FOR SNARJP DSP RECOVERY ONLY.					
		End of Comment			
1112	(458)	CHARACTER	5	SRDFSCOD	DMXXX FAILURE CODE OR BLANK
1117	(45D)	BITSTRING	3	SRDRSVD1	RESERVED FOR DEVELPOMENT
1120	(460)	SIGNED	4	SRDRSVD4	RESERVED FOR DEVELOPMENT
		Comment			
SAVE WORK WORD OF RECURSING ROUTINE					
		End of Comment			
1124	(464)	BITSTRING	1	SRDRCRWK	JESTAE SAVE WRK WRD
1125	(465)	BITSTRING	1	SRDRSVS2	RESERVED FOR SERVICE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		SAVE CURRENT SUBTASK WORK WORD			
				End of Comment	
1126	(466)	BITSTRING	1	SRDCSWKS	SAVE SUB WORK WORD
				Comment	
		PUSH DOWN STACK OF NESTED DSP RTNS SAVE AREA FOR WORK WORDS IN JESTAE			
				End of Comment	
1127	(467)	BITSTRING	1	SRDRSTWK	SAVE CUR WK WRD TO RESET
1128	(468)	BITSTRING	1	SRDRSWK2	SAVE CUR WK WRD RESET TWICE
1129	(469)	BITSTRING	1	SRDFLAG1	FLAG USED BY JESTAE FOR RECURSION
		1...		SRDSEC	"X'80'" MASK USED TO INDICATE IN RETRY
		.1..		SRD551	"X'40'" INDICATOR THAT DM551 HAS OCCURRED
		..1.		SRDTHIRD	"X'20'" ABEND IN RECURSN RTN
		...1		SRDSNLS2	"X'10'" ESTAE IN CONTROL
		.... 1...		SRDWKWDV	"X'08'" FAILING WORK WORD IS VALID
		.... .1..		SRDLOGNW	"X'04'" LOGON ROUTINE IS WAITING FOR BUILD CONTROL BLOCK ROUTINE
				Comment	
		CALL CARD READER COMMAND SKELETON			
				End of Comment	
1130	(46A)	ADDRESS	1	SRDXCR	LENGTH TO INTERCOM
1131	(46B)	CHARACTER	9		BODY OF COMMAND
1140	(474)	CHARACTER	5	SRDWS	WORKSTATION NAME PLUGGED IN HERE
1145	(479)	CHARACTER	2		CONTINUATION OF BODY
1147	(47B)	CHARACTER	12	SRDRDRID	READER NUMBER AND ',H'
1147	(47B)	X'487'	0	SRDXEND	"*"
				Comment	
		CURRENT WORK WORD VALUES. CONTAINS THE ID OF THE LAST SUBROUTINE OF THE SNA RJP DSP TO RECEIVE CONTROL. USED FOR DEBUGGING AND BY THE SNA RJP JESTAE ROUTINE			
				End of Comment	
		1		SRDWINIT	"X'01'" INITIALIZATION SUBROUTINE
		.... ..1.		SRDWGCTB	"X'02'" GET CTAB SUBROUTINE
		11		SRDWSACT	"X'03'" ACTIVATE SNARJP SUBROUTINE
		.... .1..		SRDWCNTL	"X'04'" CONTROL SUBROUTINE
		.... .1.1		SRDWJRT	"X'05'" RETURN TO JSS SUBROUTINE
		.... .11.		SRDWSML	"X'06'" MASTER SIMLOGON (BUILD CB)
		.... .111		SRDWLGV	"X'07'" LOGON VALIDATION RTN
		.... 1...		SRDWWSB	"X'08'" WSB IN CORE (BUILD CB)
		.... 1..1		SRDWRUS	"X'09'" RU SPACE RSRVD (BUILD CB)
		.... 1.1.		SRDWLOPN	"X'0A'" LU OPEN (BUILD CB)
		.... 1.11		SRDWALLS	"X'0B'" ALL SPACE RSRVD (BUILD CB)
		.... 11..		SRDWCNR	"X'0C'" CANCEL SNARJP SUBRTN
		.... 11.1		SRDWCNWS	"X'0D'" CANCEL SNARJP WS RTN
		.... 111.		SRDWCMDP	"X'0E'" COMMAND PROCESSOR RTN
		 1111		SRDWRMCB	"X'0F'" REMOVE CONTROL BLKS
		...1		SRDWRSVS	"X'10'" Reserved for service
		...1 ...1		SRDWJSTA	"X'11'" JESTAE ROUTINE
		...1 ..1.		SRDWPASS	"X'12'" PASSWORD VALIDATION ROUTINE 0126
		...1 ..11		SRDWWRKP	"X'13'" WORK PROCESSOR RTN
		...1 .1..		SRDWMSGP	"X'14'" Message processor rtn

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		...1 .1..		SRDWMAX	"X'14'" MUST BE EQUAL TO LARGEST... ENTRY IN CUR WORK WORD ... TABLE OF EQUATES ABOVE!
1159	(487)	BITSTRING	1	SRDCSWK	CURRENT SUBTASK WORK WORD

Comment

THIS FIELD WILL CONTAIN THE ID OF THE LAST SUBROUTINE
IN THE SNA RJP SUBTASK TO RECEIVE CONTROL. IT IS USED BY
THE ESTAE EXIT IN CASE OF ABEND AND FOR DEBUGGING. NOTE,
ONLY IATSNLS SUBTASK AND ASSOCIATED IRBS WILL USE FLAGS.

End of Comment

		1		SRDWOPEN	"X'01'" OPEN PROCESSING
		.... ..1.		SRDWCLOS	"X'02'" CLOSE PROCESSING
		11		SRDWOPND	"X'03'" OPNDST EXIT
		.... .1..		SRDWCLSD	"X'04'" CLSDST EXIT
		.... .1.1		SRDWCLSE	"X'05'" CLSDST ERROR EXIT
		.... .11.		SRDWSETL	"X'06'" SETLOGON EXIT
		.... .111		SRDWSIML	"X'07'" SIMLOGON EXIT
		.... 1...		SRDWLOGN	"X'08'" LOGON EXIT
		.... 1..1		SRDWTPND	"X'09'" TPEND EXIT
		.... 1.1.		SRDWLSTM	"X'0A'" LOSTERM EXIT
		.... 1.11		SRDWESTA	"X'0B'" ESTAE PROCESSING
		.... 11..		SRDREXIT	"X'0C'" RESPONSE IRB EXIT
		.... 11.1		SRDDFASY	"X'0D'" DFASY IRB EXIT
1160	(488)	BITSTRING	1	SRDCSWKL	LAST COMPLETED EVENT IN THE SUBTASK
1161	(489)	BITSTRING	1	SRDRSVS1	RESERVED FOR SERVICE
1164	(48C)	SIGNED	4	SRDMAXWK	MAX SUBTASK WORK INDICATOR MUST BE EQUAL TO LARGEST... ENTRY IN SUBTASK WORK WORD ... TABLE OF EQUATES ABOVE!

Comment

SAVE AREA USED ONLY BY ROUTINES THAT ARE DIRECTLY SCDEDULED BY
VTAM AS IRBS. ONLY ONE SAVE AREA IS REQUIRED FOR ALL IRBS SINCE
VTAM CAN SCHEDULE ONLY ONE IRB OFF THE SNARJP SUBTASK AT A TIME.

End of Comment

1168	(490)	SIGNED	4	SRDIRBSV (18)	SAVE AREA TO BE USED BY IRB RTNS

Comment

REGISTER SAVE AREA USED ONLY BY IATSNSG WHILE GETTING A SAVE AREA
FOR A ROUTINE RUNNING UNDER AN SRB. IT IS USED ONLY WHILE THE LOCAL
LOCK IS HELD. THIS INSURES THAT ONLY ONE SRB EXIT AT A TIME CAN
USE THE AREA.

End of Comment

1240	(4D8)	SIGNED	4	SRDR14	SAVE AREA FOR R14
1244	(4DC)	SIGNED	4	SRDR15	SAVE AREA FOR R15
1248	(4E0)	SIGNED	4	SRDR4	SAVE AREA FOR R4
1252	(4E4)	BITSTRING	1	SRDKEY	SAVE AREA FOR CALLERS KEY

Comment

1. CONSTANTS USED BY LOGON EXIT
2. ECB USED FOR LOGON EXIT AND BUILD CONTROL BLOCK COMMUNICATION

End of Comment

1253	(4E5)	BITSTRING	1	SRDRSVS	RESERVED FOR SERVICE
1256	(4E8)	SIGNED	4	SRDFRLG	FREELOGON ECB

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				0	
WORK AREA USED BY LOGON EXIT. 0					
				0	
				End of Comment	
1260	(4EC)	SIGNED	4	SRDLWKA (0)	LOGON EXIT WORK AREA
1260	(4EC)	ADDRESS	4	SRDSSWE	SECURITY SUBTASK WORK ELEMEN0126 CONTAINS SNARJP LOGON 0126 INFORMATION. ADDRESS IS SAVE0126 FOR LOGON EXIT ABEND 0126
1264	(4F0)	CHARACTER	8	SRDLUNAM	LOGICAL UNIT NAME, SAVED 0126 FOR ESTAE EXIT USE 0126
1272	(4F8)	ADDRESS	4	SRDLGREJ	REJECTED LOGON QUEUE 0126
1276	(4FC)	SIGNED	4	SRDSVR10	JESTAE R10 SAVE WORD
1280	(500)	CHARACTER	5	SRDSVWSN	JESTAE WS NAME SAVE FIELD
1285	(505)	CHARACTER	2	SRDRSVS5	RESERVED FOR SERVICE 0126
1287	(507)	BITSTRING	1	SRDSNLSC	FLAG 0126
		1...		SRDSNLSM	"X'80'" MASK FOR ACB CLOSING
		.1..		SRDSNLSP	"X'40'" PROCESSING CURRENT PASSWORD
		..1.		SRDSNLSX	"X'20'" SECURITY FAILURE VIA IATXSEC
1288	(508)	SIGNED	4	SRDRSVU5	RESERVED FOR USER
1288	(508)	X'20'	0	SRDLMSGL	"*-SRDLWKA" SIZE OF LOGON PARAM AREA
				Comment	
				0	
WORK AREA USED BY BUILD CONTROL BLOCKS. 0					
				0	
				End of Comment	
1292	(50C)	SIGNED	4	SRDBWKA (0)	BUILD CONTROL BLOCKS LOGON DATA
1292	(50C)	SIGNED	4	SRDBLRLT	RLT POINTER FOR GIVEN LOGON
1296	(510)	SIGNED	4	SRDBCIDS	ADDR OF SLOT IN CID TAB ALLOCATED
1300	(514)	CHARACTER	116	SRDBBNDA (0)	BIND AREA FOR SESSPARMS AND DATA
1300	(514)	CHARACTER	36	SRDBSESP	SESSION PARMS READ BY LOGON EXIT
1336	(538)	CHARACTER	80	SRDBLMSG	LOGON MSG READ BY LOGON EXIT
1416	(588)	CHARACTER	5	SRDBWSBN	WS NAME OF LU LOGGING ON
1421	(58D)	CHARACTER	8	SRDBLUNM	NAME OF LU LOGGING ON
1429	(595)	CHARACTER	8	SRDBPSWD	PASSWORD FOR LU LOGGING ON
1437	(59D)	CHARACTER	8	SRDBNPSW	NEW PASSWORD
1448	(5A8)	SIGNED	4	SRDRSLCB	SAVED LCB POINTER
1452	(5AC)	SIGNED	4	SRDLCBSV	LCB CURRENTLY LOGGING ON
1456	(5B0)	SIGNED	4	SRDACBCL	ECF FOR DELETE MODULES
		1...		SRDACBCM	"X'80'" MASK FOR ABOVE
1460	(5B4)	SIGNED	4	SRDRSVU7	RESERVED FOR USER
1460	(5B4)	X'AC'	0	SRDBWKAL	"*-SRDBWKA" SIZE OF BUILD CB WORK AREA
				Comment	
VARIABLES USED BY LOSTERM EXIT					
				End of Comment	
1464	(5B8)	SIGNED	4	SRDRCNT	CODE FOR RECONNECT ATTEMPT
1468	(5BC)	SIGNED	4	SRDBUFLC	CODE FOR BUFFER LIMIT EXCEEDED
1472	(5C0)	SIGNED	4	SRDCLOG	CODE FOR CONDITIONAL LOGOFF
				Comment	
SAVE AREA AND VARIABLES USED IN ESTAE ROUTINE.					
				End of Comment	
1476	(5C4)	SIGNED	4	SRDRTYSV (16)	R0,R1,...,R15 SAVED HERE FOR RETRY
1540	(604)	SIGNED	4	SRDEGMA	ADDRESS OF GETMAINED AREA

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1544	(608)	ADDRESS	4	SRDELCB	ADDR OF LCB SAVED FOR ESTAE RTN
1548	(60C)	BITSTRING	1	SRDEFLG1	ESTAE ROUTINE FLAG BYTE
1548	(60C)	X'60C'	0	SRDECLS	"SRDEFLG1" CLSDST FLAG
		1...		SRDECLSM	"X'80'" CLSDST COMPLETED SUCESSFULLY
1548	(60C)	X'60C'	0	SRDEOPN	"SRDEFLG1" OPNDST FLAG
		.1..		SRDEOPNM	"X'40'" OPNDST COMPLETED SUCESSFULLY
1548	(60C)	X'60C'	0	SRDESBN	"SRDEFLG1" SESSION ACTIVE FLAG
		..1.		SRDESEBN	"X'20'" OPNDST COMPLETED AND SESSION ACTIVE. (IATXRST MACRO ISSUED)
1548	(60C)	X'60C'	0	SRDELST	"SRDEFLG1" LOSTERM FLAG
		...1		SRDELSTM	"X'10'" INVALID LCB ADDR IN LOSTERM

Comment

NAMES USED FOR MESSAGE INPUT

End of Comment

1549	(60D)	CHARACTER	10	SRDOPENN	
1559	(617)	CHARACTER	10	SRDCLOSN	
1569	(621)	CHARACTER	10	SRDLOGNN	
1579	(62B)	CHARACTER	10	SRDOPNDN	
1589	(635)	CHARACTER	10	SRDLTRMN	
1599	(63F)	CHARACTER	10	SRDCLSDN	
1609	(649)	CHARACTER	10	SRDCLSEN	
1619	(653)	CHARACTER	10	SRDSIMLN	
1629	(65D)	CHARACTER	10	SRDSETLN	
1639	(667)	CHARACTER	10	SRDTPNDN	
1649	(671)	CHARACTER	10	SRDINQN	
1659	(67B)	CHARACTER	10	SRDSNDN	
1669	(685)	CHARACTER	10	SRDRCVN	
1679	(68F)	CHARACTER	10	SRDRCVAN	
1689	(699)	CHARACTER	10	SRDRSRN	
1699	(6A3)	CHARACTER	10	SRDSSCN	
1709	(6AD)	CHARACTER	10	SRDPDIRN	
1719	(6B7)	CHARACTER	10	SRDPNCHN	
1729	(6C1)	CHARACTER	10	SRDPRTN	
1739	(6CB)	CHARACTER	10	SRDRDRN	
1749	(6D5)	CHARACTER	10	SRDRSPEX	
1759	(6DF)	CHARACTER	10	SRDDFASX	
1769	(6E9)	CHARACTER	10	SRDRSVD6	RESERVED FOR DEVELOPMENT
1779	(6F3)	CHARACTER	10	SRDRSVS6 (3)	RESERVED FOR SERVICE
1809	(711)	CHARACTER	10	SRDRSVU6 (2)	RESERVED FOR USER

Comment

AREA USED BY ISSUER OF SIMLOGON MACRO TO BUILD LOGON MESSAGE

End of Comment

1829	(725)	CHARACTER	1	SRDLMSGO	
1830	(726)	CHARACTER	5	SRDSLWSN	5 BYTE WORKSATION NAME
1835	(72B)	CHARACTER	1		
1836	(72C)	CHARACTER	8	SRDSLPSW	8 BYTE PASSWORD
1844	(734)	CHARACTER	1		
1844	(734)	X'10'	0	SRDSLMLN	"*-SRDLMSGO" SIMLOGON MESSAGE DATA LENGTH

Comment

LOGON RPL -- USED BY THE LOGON EXIT.
SRDLGRPL RPL AM=VTAM,ACB=SRDACB,NIB=SRDLGNIB

End of Comment

1848	(738)	SIGNED	4	SRDLGRPL (0)	
1848	(738)	ADDRESS	1		RPL IDENTIFICATION
1849	(739)	ADDRESS	1		RPL SUBTYPE X04SVHS
1850	(73A)	ADDRESS	1		RPL REQUEST TYPE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1851	(73B)	ADDRESS	1		RPL LENGTH X03004
1852	(73C)	ADDRESS	4		. POINTER TO PLACEHOLDER
1856	(740)	ADDRESS	4		. ECB
1860	(744)	BITSTRING	1		. STATUS BYTE
1861	(745)	BITSTRING	3		FEEDBACK CODES
1864	(748)	BITSTRING	1		THIRD REQUEST HEADER BYTE X04SVHS
1865	(749)	BITSTRING	1		SEND/RECEIVE TYPE X04SVHS
1866	(74A)	BITSTRING	1		REQUEST UNIT CHAIN POSITION
1867	(74B)	BITSTRING	1		VTAM FLAGS X3004BH
1868	(74C)	BITSTRING	1		POST/RESPOND FLAGS X04SVHS
1869	(74D)	BITSTRING	1		DATA CONTROL X04SVHS
1870	(74E)	BITSTRING	1		DATA CONTROL X04SVHS
1871	(74F)	BITSTRING	1		SESSION CONTROL X04SVHS
1872	(750)	ADDRESS	4		
1876	(754)	ADDRESS	3		. USER RH
1879	(757)	ADDRESS	1		SONCODE NOT SPECIFIED
1880	(758)	ADDRESS	4		. POINTER TO RECORD AREA
1884	(75C)	ADDRESS	4		POINTER TO NIB X03004
1888	(760)	BITSTRING	1		. OPTCD BYTE 1
1889	(761)	BITSTRING	1		
1890	(762)	ADDRESS	1		. OPTCD BYTE 3 X04SVHS
1891	(763)	ADDRESS	1		. OPTCD BYTE 4 X04SVHS
1892	(764)	ADDRESS	4		. POINTER TO NEXT RPL
1896	(768)	ADDRESS	4		. RESERVED FOR LOGICAL REC LEN
1900	(76C)	ADDRESS	4		. RESERVED FOR BUFFER LENGTH OPTCD BYTES 5-8 X03004
1904	(770)	BITSTRING	1		
1905	(771)	BITSTRING	1		
1906	(772)	BITSTRING	1		
1907	(773)	BITSTRING	1		
1908	(774)	ADDRESS	2		STSN OUTBOUND SEQ NO X3004BH
1910	(776)	ADDRESS	2		STSN INBOUND SEQ NO X3004BH
1912	(778)	BITSTRING	1		STSN OUTBOUND ACTION CODES
1913	(779)	BITSTRING	1		STSN INBOUND ACTION CODES
1914	(77A)	ADDRESS	2		SEQUENCE NUMBER X3004BH
1916	(77C)	BITSTRING	1		
1917	(77D)	ADDRESS	1		ACTIVE INDICATOR
1918	(77E)	ADDRESS	2		. MAXIMUM ERROR MSG LENGTH
1920	(780)	ADDRESS	4		. RESERVED FOR MESSAGE AREA PTR
1924	(784)	ADDRESS	4		. ADDITIONAL DATA AREA PTR X03004
1928	(788)	ADDRESS	4		. ADDITIONAL AREA LENGTH X03004
1932	(78C)	ADDRESS	4		. ADDITIONAL RECORD LENGTH X03004
1936	(790)	BITSTRING	4		FEEDBACK AREA X03004
1940	(794)	BITSTRING	4		USER FIELD X03004
1944	(798)	BITSTRING	1		
1945	(799)	BITSTRING	1		
1946	(79A)	BITSTRING	1		
1947	(79B)	BITSTRING	1		
1948	(79C)	BITSTRING	1		SYSTEM SENSE OUTPUT X04SVHS DATA X03004JS
1949	(79D)	ADDRESS	1		SYSTEM SENSE MODIFIER OUTPUT X03004JS
1950	(79E)	ADDRESS	2		USER SENSE OUTPUT X3004BH
1952	(7A0)	ADDRESS	4		SAVE AREA OF FAST PATH
1956	(7A4)	ADDRESS	4		SIGNAL DATA FIELD
1960	(7A8)	ADDRESS	4		LUCB ADDREESS (JES3 EXT)
1964	(7AC)	SIGNED	2		ASY RETRY COUNTER (JES3 EXT)
1966	(7AE)	BITSTRING	7		RESERVED (JES3 EXT)

Comment

SETLOGON RPL - RPL USED FOR SYN AND ASY SETLOGONS
SRDLSRPL RPL AM=VTAM,ACB=SRDACB

End of Comment

1976	(7B8)	SIGNED	4	SRDSLRPL (0)	
1976	(7B8)	ADDRESS	1		RPL IDENTIFICATION

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1977	(7B9)	ADDRESS	1		RPL SUBTYPE X04SVHS
1978	(7BA)	ADDRESS	1		RPL REQUEST TYPE
1979	(7BB)	ADDRESS	1		RPL LENGTH X03004
1980	(7BC)	ADDRESS	4		. POINTER TO PLACEHOLDER
1984	(7C0)	ADDRESS	4		. ECB
1988	(7C4)	BITSTRING	1		. STATUS BYTE
1989	(7C5)	BITSTRING	3		FEEDBACK CODES
1992	(7C8)	BITSTRING	1		THIRD REQUEST HEADER BYTE X04SVHS
1993	(7C9)	BITSTRING	1		SEND/RECEIVE TYPE X04SVHS
1994	(7CA)	BITSTRING	1		REQUEST UNIT CHAIN POSITION
1995	(7CB)	BITSTRING	1		VTAM FLAGS X3004BH
1996	(7CC)	BITSTRING	1		POST/RESPOND FLAGS X04SVHS
1997	(7CD)	BITSTRING	1		DATA CONTROL X04SVHS
1998	(7CE)	BITSTRING	1		DATA CONTROL X04SVHS
1999	(7CF)	BITSTRING	1		SESSION CONTROL X04SVHS
2000	(7D0)	ADDRESS	4		
2004	(7D4)	ADDRESS	3		. USER RH
2007	(7D7)	ADDRESS	1		SONCODE NOT SPECIFIED
2008	(7D8)	ADDRESS	4		. POINTER TO RECORD AREA
2012	(7DC)	ADDRESS	4		. POINTER TO ARGUMENT
2016	(7E0)	BITSTRING	1		. OPTCD BYTE 1
2017	(7E1)	BITSTRING	1		
2018	(7E2)	ADDRESS	1		. OPTCD BYTE 3 X04SVHS
2019	(7E3)	ADDRESS	1		. OPTCD BYTE 4 X04SVHS
2020	(7E4)	ADDRESS	4		. POINTER TO NEXT RPL
2024	(7E8)	ADDRESS	4		. RESERVED FOR LOGICAL REC LEN
2028	(7EC)	ADDRESS	4		. RESERVED FOR BUFFER LENGTH OPTCD BYTES 5-8 X03004
2032	(7F0)	BITSTRING	1		
2033	(7F1)	BITSTRING	1		
2034	(7F2)	BITSTRING	1		
2035	(7F3)	BITSTRING	1		
2036	(7F4)	ADDRESS	2		STSN OUTBOUND SEQ NO X3004BH
2038	(7F6)	ADDRESS	2		STSN INBOUND SEQ NO X3004BH
2040	(7F8)	BITSTRING	1		STSN OUTBOUND ACTION CODES
2041	(7F9)	BITSTRING	1		STSN INBOUND ACTION CODES
2042	(7FA)	ADDRESS	2		SEQUENCE NUMBER X3004BH
2044	(7FC)	BITSTRING	1		
2045	(7FD)	ADDRESS	1		ACTIVE INDICATOR
2046	(7FE)	ADDRESS	2		. MAXIMUM ERROR MSG LENGTH
2048	(800)	ADDRESS	4		. RESERVED FOR MESSAGE AREA PTR
2052	(804)	ADDRESS	4		. ADDITIONAL DATA AREA PTR X03004
2056	(808)	ADDRESS	4		. ADDITIONAL AREA LENGTH X03004
2060	(80C)	ADDRESS	4		. ADDITIONAL RECORD LENGTH X03004
2064	(810)	BITSTRING	4		FEEDBACK AREA X03004
2068	(814)	BITSTRING	4		USER FIELD X03004
2072	(818)	BITSTRING	1		
2073	(819)	BITSTRING	1		
2074	(81A)	BITSTRING	1		
2075	(81B)	BITSTRING	1		
2076	(81C)	BITSTRING	1		SYSTEM SENSE OUTPUT X04SVHS DATA X03004JS
2077	(81D)	ADDRESS	1		SYSTEM SENSE MODIFIER OUTPUT X03004JS
2078	(81E)	ADDRESS	2		USER SENSE OUTPUT X3004BH
2080	(820)	ADDRESS	4		SAVE AREA OF FAST PATH
2084	(824)	ADDRESS	4		SIGNAL DATA FIELD
2088	(828)	ADDRESS	4		LUCB ADDRESS (JES3 EXT)
2092	(82C)	SIGNED	2		ASY RETRY COUNTER (JES3 EXT)
2094	(82E)	BITSTRING	7		RESERVED (JES3 EXT)

Comment

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  LOGON NIB -- USED BY THE LOGON EXIT.
SRDLGNIB NIB MODE=RECORD
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End of Comment

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
2104	(838)	SIGNED	4	SRDLGNIB (0)	ALIGN TO FULLWORD BOUNDARY
2104	(838)	BITSTRING	1		NIB Control Block ID
2105	(839)	BITSTRING	1		NIBFLG0 flags
2106	(83A)	BITSTRING	1		COND FIELD GIVEN/DEFAULT
2107	(83B)	SIGNED	1		LENGTH OF BLOCK
2108	(83C)	SIGNED	4		CID - FILLED IN
2112	(840)	ADDRESS	4		USER FIELD DEFAULTED
2116	(844)	CHARACTER	8		NAME OPERAND DEFAULTED
2124	(84C)	CHARACTER	8		MODE OPERAND SPECIFIED
2132	(854)	BITSTRING	8		DEVICE CHARACTERISTICS AREA
2140	(85C)	ADDRESS	1	(4)	PROCESS OPTIONS DEFAULTED.
2144	(860)	ADDRESS	1		NIBLIST STATUS, SDT MACRO STATUS
2145	(861)	BITSTRING	1		RESERVED FOR VTAM
2146	(862)	ADDRESS	2		LIMIT FIELD DEFAULTED
2148	(864)	ADDRESS	4		EXLST FIELD DEFAULTED
2152	(868)	BITSTRING	8		LOGMODE
2160	(870)	ADDRESS	4		BNDAREA DEFAULT
2164	(874)	ADDRESS	4		

Comment

RECEIVE ANY RPL -- USED FOR ALL RECEIVE OPTCD=ANY REQUESTS
SRDRVRPL RPL AM=VTAM,ACB=SRDACB

End of Comment

2168	(878)	SIGNED	4	SRDRVRPL (0)	
2168	(878)	ADDRESS	1		RPL IDENTIFICATION
2169	(879)	ADDRESS	1		RPL SUBTYPE X04SVHS
2170	(87A)	ADDRESS	1		RPL REQUEST TYPE
2171	(87B)	ADDRESS	1		RPL LENGTH X03004
2172	(87C)	ADDRESS	4		. POINTER TO PLACEHOLDER
2176	(880)	ADDRESS	4		. ECB
2180	(884)	BITSTRING	1		. STATUS BYTE
2181	(885)	BITSTRING	3		FEEDBACK CODES
2184	(888)	BITSTRING	1		THIRD REQUEST HEADER BYTE X04SVHS
2185	(889)	BITSTRING	1		SEND/RECEIVE TYPE X04SVHS
2186	(88A)	BITSTRING	1		REQUEST UNIT CHAIN POSITION
2187	(88B)	BITSTRING	1		VTAM FLAGS X3004BH
2188	(88C)	BITSTRING	1		POST/RESPOND FLAGS X04SVHS
2189	(88D)	BITSTRING	1		DATA CONTROL X04SVHS
2190	(88E)	BITSTRING	1		DATA CONTROL X04SVHS
2191	(88F)	BITSTRING	1		SESSION CONTROL X04SVHS
2192	(890)	ADDRESS	4		
2196	(894)	ADDRESS	3		. USER RH
2199	(897)	ADDRESS	1		SONCODE NOT SPECIFIED
2200	(898)	ADDRESS	4		. POINTER TO RECORD AREA
2204	(89C)	ADDRESS	4		. POINTER TO ARGUMENT
2208	(8A0)	BITSTRING	1		. OPTCD BYTE 1
2209	(8A1)	BITSTRING	1		
2210	(8A2)	ADDRESS	1		. OPTCD BYTE 3 X04SVHS
2211	(8A3)	ADDRESS	1		. OPTCD BYTE 4 X04SVHS
2212	(8A4)	ADDRESS	4		. POINTER TO NEXT RPL
2216	(8A8)	ADDRESS	4		. RESERVED FOR LOGICAL REC LEN
2220	(8AC)	ADDRESS	4		. RESERVED FOR BUFFER LENGTH OPTCD BYTES 5-8 X03004
2224	(8B0)	BITSTRING	1		
2225	(8B1)	BITSTRING	1		
2226	(8B2)	BITSTRING	1		
2227	(8B3)	BITSTRING	1		
2228	(8B4)	ADDRESS	2		STSN OUTBOUND SEQ NO X3004BH
2230	(8B6)	ADDRESS	2		STSN INBOUND SEQ NO X3004BH
2232	(8B8)	BITSTRING	1		STSN OUTBOUND ACTION CODES
2233	(8B9)	BITSTRING	1		STSN INBOUND ACTION CODES
2234	(8BA)	ADDRESS	2		SEQUENCE NUMBER X3004BH
2236	(8BC)	BITSTRING	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
2237	(8BD)	ADDRESS	1		ACTIVE INDICATOR
2238	(8BE)	ADDRESS	2		. MAXIMUM ERROR MSG LENGTH
2240	(8C0)	ADDRESS	4		. RESERVED FOR MESSAGE AREA PTR
2244	(8C4)	ADDRESS	4		. ADDITIONAL DATA AREA PTR X03004
2248	(8C8)	ADDRESS	4		. ADDITIONAL AREA LENGTH X03004
2252	(8CC)	ADDRESS	4		. ADDITIONAL RECORD LENGTH X03004
2256	(8D0)	BITSTRING	4		FEEDBACK AREA X03004
2260	(8D4)	BITSTRING	4		USER FIELD X03004
2264	(8D8)	BITSTRING	1		
2265	(8D9)	BITSTRING	1		
2266	(8DA)	BITSTRING	1		
2267	(8DB)	BITSTRING	1		
2268	(8DC)	BITSTRING	1		SYSTEM SENSE OUTPUT X04SVHS DATA X03004JS
2269	(8DD)	ADDRESS	1		SYSTEM SENSE MODIFIER OUTPUT X03004JS
2270	(8DE)	ADDRESS	2		USER SENSE OUTPUT X3004BH
2272	(8E0)	ADDRESS	4		SAVE AREA OF FAST PATH
2276	(8E4)	ADDRESS	4		SIGNAL DATA FIELD
2280	(8E8)	ADDRESS	4		LUCB ADDRESS (JES3 EXT)
2284	(8EC)	SIGNED	2		ASY RETRY COUNTER (JES3 EXT)
2286	(8EE)	BITSTRING	7		RESERVED (JES3 EXT)

Comment

DEFAULT RPL -- USED TO INITIALIZE RPLS. NEVER ALTERED
SRDDFRPL RPL AM=VTAM,ACB=SRDACB

End of Comment

2296	(8F8)	SIGNED	4	SRDDFRPL (0)	
2296	(8F8)	ADDRESS	1		RPL IDENTIFICATION
2297	(8F9)	ADDRESS	1		RPL SUBTYPE X04SVHS
2298	(8FA)	ADDRESS	1		RPL REQUEST TYPE
2299	(8FB)	ADDRESS	1		RPL LENGTH X03004
2300	(8FC)	ADDRESS	4		. POINTER TO PLACEHOLDER
2304	(900)	ADDRESS	4		. ECB
2308	(904)	BITSTRING	1		. STATUS BYTE
2309	(905)	BITSTRING	3		FEEDBACK CODES
2312	(908)	BITSTRING	1		THIRD REQUEST HEADER BYTE X04SVHS
2313	(909)	BITSTRING	1		SEND/RECEIVE TYPE X04SVHS
2314	(90A)	BITSTRING	1		REQUEST UNIT CHAIN POSITION
2315	(90B)	BITSTRING	1		VTAM FLAGS X3004BH
2316	(90C)	BITSTRING	1		POST/RESPOND FLAGS X04SVHS
2317	(90D)	BITSTRING	1		DATA CONTROL X04SVHS
2318	(90E)	BITSTRING	1		DATA CONTROL X04SVHS
2319	(90F)	BITSTRING	1		SESSION CONTROL X04SVHS
2320	(910)	ADDRESS	4		
2324	(914)	ADDRESS	3		. USER RH
2327	(917)	ADDRESS	1		SONCODE NOT SPECIFIED
2328	(918)	ADDRESS	4		. POINTER TO RECORD AREA
2332	(91C)	ADDRESS	4		. POINTER TO ARGUMENT
2336	(920)	BITSTRING	1		. OPTCD BYTE 1
2337	(921)	BITSTRING	1		
2338	(922)	ADDRESS	1		. OPTCD BYTE 3 X04SVHS
2339	(923)	ADDRESS	1		. OPTCD BYTE 4 X04SVHS
2340	(924)	ADDRESS	4		. POINTER TO NEXT RPL
2344	(928)	ADDRESS	4		. RESERVED FOR LOGICAL REC LEN
2348	(92C)	ADDRESS	4		. RESERVED FOR BUFFER LENGTH OPTCD BYTES 5-8 X03004
2352	(930)	BITSTRING	1		
2353	(931)	BITSTRING	1		
2354	(932)	BITSTRING	1		
2355	(933)	BITSTRING	1		
2356	(934)	ADDRESS	2		STSN OUTBOUND SEQ NO X3004BH
2358	(936)	ADDRESS	2		STSN INBOUND SEQ NO X3004BH
2360	(938)	BITSTRING	1		STSN OUTBOUND ACTION CODES
2361	(939)	BITSTRING	1		STSN INBOUND ACTION CODES

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
2362	(93A)	ADDRESS	2		SEQUENCE NUMBER X3004BH
2364	(93C)	BITSTRING	1		
2365	(93D)	ADDRESS	1		ACTIVE INDICATOR
2366	(93E)	ADDRESS	2		. MAXIMUM ERROR MSG LENGTH
2368	(940)	ADDRESS	4		. RESERVED FOR MESSAGE AREA PTR
2372	(944)	ADDRESS	4		. ADDITIONAL DATA AREA PTR X03004
2376	(948)	ADDRESS	4		. ADDITIONAL AREA LENGTH X03004
2380	(94C)	ADDRESS	4		. ADDITIONAL RECORD LENGTH X03004
2384	(950)	BITSTRING	4		FEEDBACK AREA X03004
2388	(954)	BITSTRING	4		USER FIELD X03004
2392	(958)	BITSTRING	1		
2393	(959)	BITSTRING	1		
2394	(95A)	BITSTRING	1		
2395	(95B)	BITSTRING	1		
2396	(95C)	BITSTRING	1		SYSTEM SENSE OUTPUT X04SVHS DATA X03004JS
2397	(95D)	ADDRESS	1		SYSTEM SENSE MODIFIER OUTPUT X03004JS
2398	(95E)	ADDRESS	2		USER SENSE OUTPUT X3004BH
2400	(960)	ADDRESS	4		SAVE AREA OF FAST PATH
2404	(964)	ADDRESS	4		SIGNAL DATA FIELD
2404	(964)	X'70'	0	SRDCLRLN	"*-SRDDFRPL" LENGTH USED IN CLEARING RPL
2408	(968)	ADDRESS	4		LUCB ADDRESS (JES3 EXT)
2412	(96C)	SIGNED	2		ASY RETRY COUNTER (JES3 EXT)
2414	(96E)	BITSTRING	7		RESERVED (JES3 EXT)
2414	(96E)	X'7D'	0	SRDRPLLN	"*-SRDDFRPL" LENGTH OF RPL

Comment

DEFAULT NIB -- USED TO INITIALIZE NIBS. NEVER ALTERED
SRDDFNIB NIB MODE=RECORD

End of Comment

2424	(978)	SIGNED	4	SRDDFNIB (0)	ALIGN TO FULLWORD BOUNDARY
2424	(978)	BITSTRING	1		NIB Control Block ID
2425	(979)	BITSTRING	1		NIBFLG0 flags
2426	(97A)	BITSTRING	1		COND FIELD GIVEN/DEFAULT
2427	(97B)	SIGNED	1		LENGTH OF BLOCK
2428	(97C)	SIGNED	4		CID - FILLED IN
2432	(980)	ADDRESS	4		USER FIELD DEFAULTED
2436	(984)	CHARACTER	8		NAME OPERAND DEFAULTED
2444	(98C)	CHARACTER	8		MODE OPERAND SPECIFIED
2452	(994)	BITSTRING	8		DEVICE CHARACTERISTICS AREA
2460	(99C)	ADDRESS	1	(4)	PROCESS OPTIONS DEFAULTED.
2464	(9A0)	ADDRESS	1		NIBLIST STATUS, SDT MACRO STATUS
2465	(9A1)	BITSTRING	1		RESERVED FOR VTAM
2466	(9A2)	ADDRESS	2		LIMIT FIELD DEFAULTED
2468	(9A4)	ADDRESS	4		EXLST FIELD DEFAULTED
2472	(9A8)	BITSTRING	8		LOGMODE
2480	(9B0)	ADDRESS	4		BNDAREA DEFAULT
2484	(9B4)	ADDRESS	4		
2484	(9B4)	X'40'	0	SRDNIBLN	"*-SRDDFNIB" NIB LENGTH

Comment

EXLST MACRO -
SRDEXLST EXLST AM=VTAM,DFASY=0,RESP=0,TPEND=0,LOGON=0,
LOSTERM=0

End of Comment

2488	(9B8)	SIGNED	4	SRDEXLST (0)	
2488	(9B8)	BITSTRING	1		EXLIST IDENTIFICATION
2489	(9B9)	ADDRESS	1		EXLST SUBTYPE X04SVHS
2490	(9BA)	SIGNED	2		EXLST LIST LENGTH
2492	(9BC)	BITSTRING	1		EXLST FLAGS
2493	(9BD)	ADDRESS	1		EODAD ENTRY NOT PRESENT
2494	(9BE)	ADDRESS	4		ZERO EODAD ENTRY POINTER

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
2498	(9C2)	ADDRESS	1		SYNAD ENTRY NOT PRESENT
2499	(9C3)	ADDRESS	4		ZERO SYNAD ENTRY POINTER
2503	(9C7)	ADDRESS	1		LERAD ENTRY NOT PRESENT
2504	(9C8)	ADDRESS	4		ZERO LERAD ENTRY POINTER
2508	(9CC)	ADDRESS	1		SCIP ENTRY NOT PRESENT X3004BH
2509	(9CD)	ADDRESS	4		ZERO SCIP ENTRY POINTER X3004BH
2513	(9D1)	ADDRESS	1		LOGON ENTRY DESCRIPTION X03004
2514	(9D2)	ADDRESS	4		POINTER TO LOGON EXIT X03004
2518	(9D6)	ADDRESS	1		DFASY ENTRY DESCRIPTION X3004BH
2519	(9D7)	ADDRESS	4		POINTER TO DFASY EXIT X3004BH
2523	(9DB)	ADDRESS	1		RESP ENTRY DESCRIPTION X3004BH
2524	(9DC)	ADDRESS	4		POINTER TO RESP EXIT X3004BH
2528	(9E0)	ADDRESS	1		LOSTERM ENTRY DESCRIPTIONX03004
2529	(9E1)	ADDRESS	4		POINTER TO LOSTERM EXIT X03004
2533	(9E5)	ADDRESS	1		RELREQ ENTRY NOT PRESENT X03004
2534	(9E6)	ADDRESS	4		ZERO RELREQ ENTRY POINTERX03004
2538	(9EA)	ADDRESS	1		RESERVED
2539	(9EB)	ADDRESS	4		RESERVED
2543	(9EF)	ADDRESS	1		ATTN ENTRY NOT PRESENT X03004
2544	(9F0)	ADDRESS	4		ZERO ATTN ENTRY POINTER X03004
2548	(9F4)	ADDRESS	1		TPEND ENTRY DESCRIPTION X03004
2549	(9F5)	ADDRESS	4		POINTER TO TPEND EXIT X03004

Comment

STANDARD SMF RECORDS - USED FOR SMF RECORDING
IFASMFR 47

End of Comment

2556	(9FC)	SIGNED	4	SRDSMF47 (0)

Comment

%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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		IFASMFR6 55-69			
		IFASMFR9 80-84			
		IFASMFRA 85-103			
		IFASMFRB 104-113			
		IFASMFRC 114-123			
		IFASMFRD 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).
%IAZPRO47:;
MODULE NAME = IAZSMF47
DESCRIPTIVE NAME = JES SMF SUBSYSTEM EVENT START
%GOTO IAZ47;
SWITCH TO DETERMINE WHETHER TO GENERATE EQUATES FOR WRITING REC
SUBSYSTEM EVENT START RECORD TYPE 47

End of Comment

2556	(9FC)	SIGNED	4	(0)	ALIGN TO FULL WORD BOUNDRY
2556	(9FC)	X'9FC'	0	SMFRCD47	"*" START OF RECORD
2556	(9FC)	X'9FC'	0	SMF47PTR	"*" HEADER SEGMENT
2556	(9FC)	BITSTRING	2	SMF47LEN	RECORD LENGTH
2558	(9FE)	BITSTRING	2	SMF47SEG	SEGMENT DESCRIPTOR
2560	(A00)	BITSTRING	1	SMF47FLG	HEADER FLAG BYTE
2561	(A01)	BITSTRING	1	SMF47RTY	RECORD TYPE 47
2561	(A01)	X'2F'	0	SMFJ47	"47" START SUBSYSTEM EVENT ID
2562	(A02)	BITSTRING	4	SMF47TME	TOD FROM TIME MACRO BINARY
2566	(A06)		4	SMF47DTE	DATE FROM TIME MACRO
2570	(A0A)	CHARACTER	4	SMF47SID	SYSTEM IDENTIFICATION

Comment

SUBSYSTEM IDENTIFICATION SECTION

End of Comment

2574	(A0E)	BITSTRING	2	SMF47SBS	SUBSYSTEM IDENTIFIER
		.... ..1.		SMF47HSP	"X'0002'" JES2 ID X'0005' JES3 X'0006' SS06
2576	(A10)	BITSTRING	2	SMF47RSV	RESV
2578	(A12)	BITSTRING	2	SMF47LRR	LGTH OF REMAINDER OF RECORD (NOT INCLUDING THIS FIELD)
2578	(A12)	X'A14'	0	SMF47SBG	"*" SUBSYSTEM SECTION BEGINNING

Comment

JES2 AND JES3 SECTION

End of Comment

2580	(A14)	BITSTRING	2	SMF47EVT	EVENT STARTING
2580	(A14)	X'1'	0	SMF47SON	"1" TERMINAL SIGNED ON
2580	(A14)	X'2'	0	SMF47STL	"2" LINE STARTED
2580	(A14)	X'4'	0	SMF47LON	"4" TERMINAL LOGGED ON

Comment

BEGINNING OF GENERAL SECTION

End of Comment

2582	(A16)	BITSTRING	2	SMF47LN1	LGTH OF THIS SECTION(INCLUDING SELF-26)
2584	(A18)	CHARACTER	8	SMF47RMT	REMOTE NAME
2592	(A20)	CHARACTER	8	SMF47LIN	LINE NAME
2600	(A28)	CHARACTER	8	SMF47PSW	PASSWORD

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				BEGINNING OF SIGNON MESSAGE SECTION THIS SECTION EXISTS ONLY FOR SIGNON EVENT STARTS	
				End of Comment	
2608	(A30)	BITSTRING	2	SMF47LN2	LGTH OF THIS SECTION(INCLUDING SELF-38)
2610	(A32)	CHARACTER	36	SMF47MSG	MESSAGE FOR SIGNON, COLUMNS 35-70 OF SIGNON CARD.
2646	(A56)	CHARACTER	8	SMF47RVJ	RESERVED FOR JES3
2654	(A5E)	CHARACTER	4	SMF47RVU	RESERVED FOR USER
2658	(A62)	BITSTRING	1	SMF47END (0)	END OF JES3 RECORD
2658	(A62)	BITSTRING	0	SMF47SIZ (0)	SIZE OF JES3 47 RECORD
				Comment	
				SS06 SECTION	
				End of Comment	
2580	(A14)	BITSTRING	1	SMF47LCF	LOGON CONDITION FLAG
2580	(A14)	X'80'	0	SMF47UNL	"128" USER NOT LOGGED OFF
2580	(A14)	X'20'	0	SMF47CWK	"32" CONTINUE WORKSPACE EXISTED AT LOGON
2580	(A14)	X'4'	0	SMF47SPA	"4" SERVICE PROGRAM ACCOUNT RECORD
2580	(A14)	X'1'	0	SMF47ULK	"1" USER LOCKED
2581	(A15)	BITSTRING	3	SMF47UID	USER ID
2584	(A18)	BITSTRING	1	SMF47LTC	LIBRARY TYPE CODE
2585	(A19)	BITSTRING	3	SMF47PLI	PROJECT LIB ID
2588	(A1C)	CHARACTER	6	SMF47JID	JOB ENTRY ID CODE
2594	(A22)	BITSTRING	1	SMF47LAA	LANGUAGE ATTRIBUTE ASSIGNED
2595	(A23)	BITSTRING	1	SMF47PCI	PRIVILEGED CLASS INDICATORS
2596	(A24)	BITSTRING	4	SMF47DSL	DASD SPACE IN LIBRARY (1K UNITS)
2600	(A28)	BITSTRING	4	SMF47DPL	DASD SPACE PROJECT/PUBLIC LIBRARIES(1K UNITS)
				Comment	
				STANDARD SMF RECORDS - USED FOR SMF RECORDING IFASMFR 48	
				End of Comment	
2660	(A64)	SIGNED	4	SRDSMF48 (0)	
				Comment	

```
%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
```

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		IFASMFR6 55-69			
		IFASMFR9 80-84			
		IFASMFRA 85-103			
		IFASMFRB 104-113			
		IFASMFRC 114-123			
		IFASMFRD 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).
%IAZPRO48: ;
MODULE NAME = IAZSMF48
DESCRIPTIVE NAME = JES SMF SUBSYSTEM EVENT STOP RECORD
%GOTO IAZ48;
SWITCH TO DETERMINE WHETHER TO GENERATE EQUATES FOR WRITING REC
SUBSYSTEM EVENT STOP RECORD TYPE 48

End of Comment

2660	(A64)	SIGNED	4	(0)	ALIGN TO FULL WORD BOUNDRY
2660	(A64)	X'A64'	0	SMFRCD48	"*" START OF RECORD
2660	(A64)	X'A64'	0	SMF48PTR	"*" HEADER SEGMENT
2660	(A64)	BITSTRING	2	SMF48LEN	RECORD LENGTH
2662	(A66)	BITSTRING	2	SMF48SEG	SEGMENT DESCRIPTOR
2664	(A68)	BITSTRING	1	SMF48FLG	HEADER FLAG BYTE
2665	(A69)	BITSTRING	1	SMF48RTY	RECORD TYPE 48
2665	(A69)	X'30'	0	SMFJ48	"48" STOP SUBSYSTEM EVENT ID
2666	(A6A)	BITSTRING	4	SMF48TME	TOD FROM TIME MACRO BINARY
2670	(A6E)		4	SMF48DTE	DATE FROM TIME MACRO
2674	(A72)	CHARACTER	4	SMF48SID	SYSTEM IDENTIFICATION

Comment

SUBSYSTEM IDENTIFICATION SECTION

End of Comment

2678	(A76)	BITSTRING	2	SMF48SBS	SUBSYSTEN IDENTIFIER
		.... ..1.		SMF48HSP	"X'0002'" JES2 ID X'0005' JES3 X'0006' SS06
2680	(A78)	BITSTRING	2	SMF48RSV	RESV
2682	(A7A)	BITSTRING	2	SMF48LRR	LGTH OF REMAINDER OF RECORD (NOT INCLUDING THIS FIELD)
2682	(A7A)	X'A7C'	0	SMF48SBP	"*" SUBSYSTEM SECTION BEGINNING

Comment

JES2 AND JES3 COMMON SECTION

End of Comment

2684	(A7C)	BITSTRING	2	SMF48EVT	TYPE OF EVENT STOPPED
2684	(A7C)	X'1'	0	SMF48SOF	"1" LINE HAS SIGNED OFF
2684	(A7C)	X'2'	0	SMF48CAN	"2" LINE CANCELLED BY OPERATOR
2684	(A7C)	X'4'	0	SMF48LOF	"4" TERMINAL LOGGED OFF
2686	(A7E)	BITSTRING	2	SMF48RV1	RESV
2688	(A80)	CHARACTER	8	SMF48RMT	REMOTE NAME
2696	(A88)	CHARACTER	8	SMF48LIN	LINE NAME
2704	(A90)	CHARACTER	8	SMF48PSW	PASSWORD
2704	(A90)	X'A98'	0	SMF48SBG	"*" JES2 AND JES3 UNCOMMON SECTIONS

Comment

JES2 SECTION

End of Comment

2712	(A98)	BITSTRING	4	SMF48IO	# EXCPS(NOT INCLUDING LINE REPEATS)
2716	(A9C)	BITSTRING	4	SMF48NAK	# NAKS TO WRITE TEXT-NEG ACKNOWLEDGEMTS

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
2720	(AA0)	BITSTRING	4	SMF48DCK	# DATA CHECKS TO READ TEXT
2724	(AA4)	BITSTRING	4	SMF48OUT	# TIME OUTS TO READ TEXT
2728	(AA8)	BITSTRING	4	SMF48ERR	SUM OF ALL OTHER LINE ERRORS
2732	(AAC)	CHARACTER	3	SMF48LAA	LINE ADAPTER ADDRESS FROM UCB
2735	(AAF)	CHARACTER	4	SMF48LA4	4-Digit Line Adapter Address
Comment					
JES3 SECTION					
End of Comment					
2712	(A98)	BITSTRING	28	SMF48XCP	EXCP COUNTS AND ERROR STATISTICS
2712	(A98)	BITSTRING	4	SMF48TRN	NUMBER OF TRANSMISSIONS
2716	(A9C)	BITSTRING	4	SMF48ERS	NUMBER OF LINE ERRORS
2720	(AA0)	BITSTRING	2	SMF48TOT	NUMBER OF TIME-OUTS
2722	(AA2)	BITSTRING	2	SMF48NKS	NUMBER OF NAK RESPONSES TO WRITE
2724	(AA4)	BITSTRING	1	SMF48S0	NUMBER OF COMMAND REJECTS
2725	(AA5)	BITSTRING	1	SMF48S1	NUMBER OF INTERVENTIONS REQUIRED
2726	(AA6)	BITSTRING	1	SMF48S2	NUMBER OF BUS-OUT CHECKS
2727	(AA7)	BITSTRING	1	SMF48S3	NUMBER OF EQUIPMENT CHECKS
2728	(AA8)	BITSTRING	1	SMF48S4	NUMBER OF DATA CHECKS
2729	(AA9)	BITSTRING	1	SMF48S5	NUMBER OF DATA OVERRUNS
2730	(AAA)	BITSTRING	1	SMF48S6	NUMBER OF LOST DATAS
2731	(AAB)	BITSTRING	9	SMF48USR	RESERVED FOR USER
2740	(AB4)	CHARACTER	3	SMF48ADP	LINE ADAPTER ADDRESS
2743	(AB7)	CHARACTER	4	SMF48AD4	4-Digit Line Adapter Address
2747	(ABB)	CHARACTER	4	SMF48RVJ	Reserved for JES3
2751	(ABF)	CHARACTER	4	SMF48RVU	RESERVED FOR USER
2755	(AC3)	BITSTRING	1	SMF48END (0)	END OF JES3 RECORD
2755	(AC3)	BITSTRING	0	SMF48SIZ (0)	SIZE OF JES3 48 RECORD
Comment					
SS06 SECTION					
End of Comment					
2684	(A7C)	BITSTRING	1	SMF48FLS	LOGOFF FLAGS
2684	(A7C)	X'80'	0	SMF48RPI	"128" RECORD FOR PREVIOUS INCOMPLETE SESSION
2684	(A7C)	X'40'	0	SMF48CNI	"64" CANCEL ISSUED
2684	(A7C)	X'20'	0	SMF48CWK	"32" CONTINUE WORKSPACE SAVED
2684	(A7C)	X'10'	0	SMF48CPG	"16" CONTINUE PURGED
2684	(A7C)	X'8'	0	SMF48HSI	"8" HALT OR STOP ISSUED
2684	(A7C)	X'4'	0	SMF48SPA	"4" SERVICE PROGRAM ACCOUNT RECORD
2684	(A7C)	X'1'	0	SMF48ULK	"1" USER LOCKED
2685	(A7D)	BITSTRING	3	SMF48UID	USER ID
2688	(A80)	BITSTRING	4	SMF48CPU	CPU TIME
2692	(A84)	BITSTRING	4	SMF48CNT	CONNECT TIME (SECONDS FOR THIS TERMINAL SESSION
2696	(A88)	BITSTRING	4	SMF48CTH	CONNECT TIME (SECONDS) FOR THIS TERMINAL SESSION FOR ATTACHED HARDCOPY DEVICE
2700	(A8C)	BITSTRING	4	SMF48VIR	VIRTUAL STORAGE USED (THOUSANDS OF BYTE-SECONDS) DURING TERMINAL SESSION
2704	(A90)	BITSTRING	4	SMF48DIO	DASD I/O COUNT FOR THIS TERMINAL SESSION
2708	(A94)	BITSTRING	4	SMF48TIO	TELEPROCESSING I/O COUNTS DURING TERMINAL SESSION
2712	(A98)	BITSTRING	4	SMF48DSL	DASD SPACE IN THIS LIBRARY (IN 1K UNITS)
2716	(A9C)	BITSTRING	4	SMF48DSP	DASD SPACE IN PROJECT/PUB LIBRARIES (1K UNITS)
2720	(AA0)	BITSTRING	4	SMF48CPD	CPU TIME TO DATE (HUNDREDTHS OF SECONDS
2724	(AA4)	BITSTRING	4	SMF48CTD	CONNECT TIME TO DATE (SECS)
2728	(AA8)	BITSTRING	4	SMF48CDH	CONNECT TIME FOR HARDCOPY DEVICE TO DATE (SECONDS)
2732	(AAC)	BITSTRING	4	SMF48VSD	VIRT STORAGE USED TO DATE (THOUSANDS OF BYTE-SECONDS)

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
2736	(AB0)	BITSTRING	4	SMF48DID	DASD I/O COUNTS TO DATE
2740	(AB4)	BITSTRING	4	SMF48TID	TP I/O COUNTS TO DATE

Comment

```
   STANDARD SMF RECORDS - USED FOR SMF RECORDING
        IFASMFR 49
```

End of Comment

2756	(AC4)	SIGNED	4	SRDSMF49 (0)	

Comment

```
%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
            IFASMFRA 85-103
            IFASMFRB 104-113
            IFASMFRC 114-123
            IFASMFRD 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).
%IAZPRO49: ;
  MODULE NAME = IAZSMF49
  DESCRIPTIVE NAME = JES SMF SUBSYSTEM INTEGRITY RECORD
%GOTO IAZ49;
SWITCH TO DETERMINE WHETHER TO GENERATE EQUATES FOR WRITING REC
 SUBSYSTEM INTEGRITY RECORD TYPE 49
```

End of Comment

2756	(AC4)	SIGNED	4	(0)	ALIGN TO FULL WORD BOUNDRY
2756	(AC4)	X'AC4'	0	SMFRCD49	"*" START OF RECORD
2756	(AC4)	X'AC4'	0	SMF49PTR	"*" HEADER SEGMENT
2756	(AC4)	BITSTRING	2	SMF49LEN	RECORD LENGTH
2758	(AC6)	BITSTRING	2	SMF49SEG	SEGMENT DESCRIPTOR
2760	(AC8)	BITSTRING	1	SMF49FLG	HEADER FLAG BYTE
2761	(AC9)	BITSTRING	1	SMF49RTY	RECORD TYPE 49
2761	(AC9)	X'31'	0	SMFJ49	"49" INTEGRITY EVENT RECORD TYPE
2762	(ACA)	BITSTRING	4	SMF49TME	TOD FROM TIME MACRO BINARY
2766	(ACE)		4	SMF49DTE	DATE FROM TIME MACRO
2770	(AD2)	CHARACTER	4	SMF49SID	SYSTEM IDENTIFICATION

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				SUBSYSTEM IDENTIFICATION SECTION	
				End of Comment	
2774	(AD6)	BITSTRING	2	SMF49SBS	SUBSYSTEM IDENTIFIER X'0002' JES2 X'0005' JES3 X'0006' SS06
2776	(AD8)	BITSTRING	2	SMF49RSV	RESV
2778	(ADA)	BITSTRING	2	SMF49LRR	LGTH OF REMAINED OF RECORD (NOT INCLUDING THIS FIELD)
2778	(ADA)	X'ADC'	0	SMF49SBG	"*" SUBSYSTEM SECTION BEGINNING
				Comment	
				JES2 AND JES3 SECTION	
				End of Comment	
2780	(ADC)	BITSTRING	2	SMF49EVT	EVENT STARTING
				Comment	
				FOLLOWING BIT DEFINITIONS APPLY TO JES2	
				End of Comment	
2780	(ADC)	X'1'	0	SMF49SON	"1" SIGNON
2780	(ADC)	X'2'	0	SMF49STL	"2" START LINE
				Comment	
				FOLLOWING BIT DEFINITIONS APPLY TO JES3	
				End of Comment	
2780	(ADC)	X'1'	0	SMF49NER	"1" TERMINAL NOT DEFINED (BSC)
2780	(ADC)	X'2'	0	SMF49PER	"2" SECURITY FAILURE (BSC)
2780	(ADC)	X'4'	0	SMF49LER	"4" LINE ALREADY SIGNED ON (BSC)
2780	(ADC)	X'8'	0	SMF49TER	"8" TERMINAL ALREADY SIGNED ON (BSC)
2780	(ADC)	X'5'	0	SMF49LIM	"5" SESSION LIMIT EXCEEDED (SNA)
2780	(ADC)	X'6'	0	SMF49DEF	"6" WORK STATION UNDEFINED (SNA)
2780	(ADC)	X'7'	0	SMF49SPW	"7" SECURITY FAILURE (SNA)
2780	(ADC)	X'8'	0	SMF49BND	"8" BIND FAILURE (SNA)
				Comment	
				BEGINNING OF GENERAL SECTION	
				End of Comment	
2782	(ADE)	BITSTRING	2	SMF49LN1	LGTH OF THIS SECTION(INCLUDING SELF-26)
2784	(AE0)	CHARACTER	8	SMF49RMT	REMOTE NAME
2792	(AE8)	CHARACTER	8	SMF49LIN	LINE NAME
2800	(AF0)	CHARACTER	8	SMF49PSW	PASSWORD USED(INVALID)
				Comment	
				BEGINNING OF SIGNON MESSAGE SECTION THIS SECTION EXISTS ONLY FOR SIGNON EVENT STARTS	
				End of Comment	
2808	(AF8)	BITSTRING	2	SMF49LN2	LGTH OF THIS SECTION(INCLUDING SELF-38)
2810	(AFA)	CHARACTER	36	SMF49MSG	MESSAGE FOR SIGNON, COLUMNS 35-70 OF SIGNON CARD.
2846	(B1E)	BITSTRING	1	SMF49END (0)	END OF JES3 RECORD
2846	(B1E)	BITSTRING	0	SMF49SIZ (0)	SIZE OF JES3 49 RECORD

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				SS06 SECTION	
				End of Comment	
2780	(ADC)	BITSTRING	3	SMF49VID	VIOLATOR IDENTIFICATION
2783	(ADF)	BITSTRING	3	SMF49LNA	LIBRARY NUMBER OR ACCESSED LIBRARY
2786	(AE2)	BITSTRING	2	SMF49RV1	RESERVED
2788	(AE4)	CHARACTER	12	SMF49FLN	FILENAME OF FILE ATTEMPTED
2800	(AF0)	BITSTRING	3	SMF49UFO	USERNUMBER OF FILE OWNER
				Comment	
				MESSAGES USED BY SNARJP INITIALIZATION. JES3 MESSAGE MACRO USED SINCE SNARJP MESSAGE ROUTINE NOT LOADED.	
				End of Comment	
2848	(B20)	SIGNED	4	SRDMSG1 (0)	
2848	(B20)	ADDRESS	1		
2849	(B21)	CHARACTER	38	SRDMSG1S	
2887	(B47)	CHARACTER	26		
2887	(B47)	X'40'	0	SRDMSG1L	"*-SRDMSG1S"
2916	(B64)	SIGNED	4	SRDMSG2 (0)	
2916	(B64)	ADDRESS	1		
2917	(B65)	CHARACTER	38	SRDMSG2S	
2955	(B8B)	CHARACTER	25		
2955	(B8B)	X'3F'	0	SRDMSG2L	"*-SRDMSG2S"
2980	(BA4)	SIGNED	4	SRDMSG3 (0)	
2980	(BA4)	ADDRESS	1		
2981	(BA5)	CHARACTER	27	SRDMSG3S	
2981	(BA5)	X'1B'	0	SRDMSG3L	"*-SRDMSG3S"
3008	(BC0)	SIGNED	4	SRDMSG4 (0)	
3008	(BC0)	ADDRESS	1		
3009	(BC1)	CHARACTER	47	SRDMSG4S	
3056	(BF0)	CHARACTER	19		
3056	(BF0)	X'42'	0	SRDMSG4L	"*-SRDMSG4S"
3076	(C04)	SIGNED	4	SRDMSG5 (0)	
3076	(C04)	ADDRESS	1		
3077	(C05)	CHARACTER	42	SRDMSG5S	
3119	(C2F)	CHARACTER	24		
3143	(C47)	CHARACTER	10	SRDMS5V1	
3154	(C52)	CHARACTER	10	SRDMS5V2	
3165	(C5D)	CHARACTER	10	SRDMS5V3	
3165	(C5D)	X'63'	0	SRDMSG5L	"*-SRDMSG5S"
3176	(C68)	SIGNED	4	SRDMSG7 (0)	
3176	(C68)	ADDRESS	1		
3177	(C69)	CHARACTER	42	SRDMSG7S	
3219	(C93)	CHARACTER	16		
3235	(CA3)	CHARACTER	2	SRDMS7V1	
3235	(CA3)	X'3D'	0	SRDMSG7L	"*-SRDMSG7S"
3240	(CA8)	SIGNED	4	SRDMSG8 (0)	
3240	(CA8)	ADDRESS	1		
3241	(CA9)	CHARACTER	42	SRDMSG8S	
3283	(CD3)	CHARACTER	38		
3283	(CD3)	X'50'	0	SRDMSG8L	"*-SRDMSG8S"
				Comment	
				---------- # IAT2843 # ---------- #	
				End of Comment	
3324	(CFC)	SIGNED	4	SRDMSG9 (0)	#403

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
3324	(CFC)	ADDRESS	1		#403
3325	(CFD)	CHARACTER	40	SRDMSG9S	#403
3365	(D25)	CHARACTER	17		#403
3365	(D25)	X'39'	0	SRDMSG9E	"*-SRDMSG9S" #403

Comment

MESSAGES USED BY SNRJP DSP, JES3 VTAM IRBS, AND JES3 VTAM SRBS.
USE OF THE FOLLOWING MESSAGES REQUIRE THE IATXSNM MACRO.

THE FOLLOWING MESSAGE PARM AREAS ARE MAPPED BY THE
SRDMPADS DSECT (IATYSRD)

End of Comment

3382	(D36)	BITSTRING	36	SRDDMPR	NUCTASK DSP MESSAGE PARM AREA
3418	(D5A)	BITSTRING	36	SRDIMPR	IRB MESSAGE PARAM AREA
3454	(D7E)	BITSTRING	36	SRDAMPR	AUXTASK DSP MESSAGE PARM AREA
3490	(DA2)	CHARACTER	250	SRDDBMA	MSG BUILD AREA FOR NUCTASK DSP
3740	(E9C)	SIGNED	4	SRDRSVD (11)	RESERVED FOR DEVELOPMENT
3784	(EC8)	SIGNED	4	SRDMSGA (0)	BEGINNING OF MESSAGE AREA

Comment

0
OY10109 HJS3311 880120 PD0AL: SP 3.1.1
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1
0

End of Comment

3784	(EC8)	BITSTRING	1	MSG2801
3785	(EC9)	BITSTRING	1	
3786	(ECA)	ADDRESS	1	
3812	(EE4)	BITSTRING	1	

Comment

0
OY10109 HJS3311 880120 PD0AL: SP 3.1.1
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1
0

End of Comment

3813	(EE5)	BITSTRING	1	MSG2805
3814	(EE6)	BITSTRING	1	
3815	(EE7)	ADDRESS	1	

Comment

0
OY10109 HJS3311 880120 PD0AL: SP 3.1.1
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1
0

End of Comment

3848	(F08)	BITSTRING	1
3849	(F09)	BITSTRING	1
3850	(F0A)	ADDRESS	1
3860	(F14)	BITSTRING	1

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
LINES DELETED BY JESTAE/ESTAE					
		0			
OY10109 HJS3311 880120 PD0AL: SP 3.1.1					
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1					
		0			
		End of Comment			
3861	(F15)	BITSTRING	1	MSG2806	
3862	(F16)	BITSTRING	1		
3863	(F17)	ADDRESS	1		
		Comment			
		0			
OY10109 HJS3311 880120 PD0AL: SP 3.1.1					
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1					
		0			
		End of Comment			
3904	(F40)	BITSTRING	8		
3907	(F43)	BITSTRING	1		
		Comment			
		0			
OY10109 HJS3311 880120 PD0AL: SP 3.1.1					
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1					
		0			
		End of Comment			
3908	(F44)	BITSTRING	1	MSG2807	
3909	(F45)	BITSTRING	1		
3910	(F46)	ADDRESS	1		
		Comment			
		0			
OY10109 HJS3311 880120 PD0AL: SP 3.1.1					
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1					
		0			
		End of Comment			
3923	(F53)	BITSTRING	8		
		Comment			
		0			
OY10109 HJS3311 880120 PD0AL: SP 3.1.1					
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1					
		0			
		End of Comment			
3926	(F56)	BITSTRING	1		
3927	(F57)	BITSTRING	1		
3928	(F58)	ADDRESS	1		
3940	(F64)	BITSTRING	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
3941	(F65)	BITSTRING	1	MSG2808	
3942	(F66)	BITSTRING	1		
3943	(F67)	ADDRESS	1		
3986	(F92)	BITSTRING	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
3987	(F93)	BITSTRING	1	MSG2809	
3988	(F94)	BITSTRING	1		
3989	(F95)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4015	(FAF)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4018	(FB2)	BITSTRING	1		
4019	(FB3)	BITSTRING	1		
4020	(FB4)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4023	(FB7)	BITSTRING	8		
4026	(FBA)	BITSTRING	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4027	(FBB)	BITSTRING	1	MSG2810	
4028	(FBC)	BITSTRING	1		
4029	(FBD)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4062	(FDE)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4065	(FE1)	BITSTRING	1		
4066	(FE2)	BITSTRING	1		
4067	(FE3)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4071	(FE7)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4074	(FEA)	BITSTRING	1		
4075	(FEB)	BITSTRING	1		
4076	(FEC)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
4081	(FF1)	BITSTRING	8		

Comment

0
OY10109 HJS3311 880120 PD0AL: SP 3.1.1
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1
0

End of Comment

4084	(FF4)	BITSTRING	8		

Comment

0
OY10109 HJS3311 880120 PD0AL: SP 3.1.1
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1
0

End of Comment

4087	(FF7)	BITSTRING	1		
4088	(FF8)	BITSTRING	1		
4089	(FF9)	ADDRESS	1		
4105	(1009)	BITSTRING	1		

Comment

0
OY10109 HJS3311 880120 PD0AL: SP 3.1.1
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1
0

End of Comment

4106	(100A)	BITSTRING	1	MSG2812	
4107	(100B)	BITSTRING	1		
4108	(100C)	ADDRESS	1		

Comment

0
OY10109 HJS3311 880120 PD0AL: SP 3.1.1
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1
0

End of Comment

4132	(1024)	BITSTRING	8		

Comment

0
OY10109 HJS3311 880120 PD0AL: SP 3.1.1
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1
0

End of Comment

4135	(1027)	BITSTRING	1		
4136	(1028)	BITSTRING	1		
4137	(1029)	ADDRESS	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4161	(1041)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4164	(1044)	BITSTRING	1		
4165	(1045)	BITSTRING	1		
4166	(1046)	ADDRESS	1		
4174	(104E)	BITSTRING	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4175	(104F)	BITSTRING	1	MSG2813	
4176	(1050)	BITSTRING	1		
4177	(1051)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4205	(106D)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4208	(1070)	BITSTRING	1		
4209	(1071)	BITSTRING	1		
4210	(1072)	ADDRESS	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4214	(1076)	BITSTRING	8		
4217	(1079)	BITSTRING	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4218	(107A)	BITSTRING	1	MSG2814	
4219	(107B)	BITSTRING	1		
4220	(107C)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4244	(1094)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4247	(1097)	BITSTRING	1		
4248	(1098)	BITSTRING	1		
4249	(1099)	ADDRESS	1		
4282	(10BA)	BITSTRING	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4283	(10BB)	BITSTRING	1	MSG2815	
4284	(10BC)	BITSTRING	1		
4285	(10BD)	ADDRESS	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4298	(10CA)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4301	(10CD)	BITSTRING	1		
4302	(10CE)	BITSTRING	1		
4303	(10CF)	ADDRESS	1		
4326	(10E6)	BITSTRING	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4327	(10E7)	BITSTRING	1	MSG2816	
4328	(10E8)	BITSTRING	1		
4329	(10E9)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4342	(10F6)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4345	(10F9)	BITSTRING	1		
4346	(10FA)	BITSTRING	1		
4347	(10FB)	ADDRESS	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4356	(1104)	BITSTRING	4		
4358	(1106)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4359	(1107)	BITSTRING	1		
4360	(1108)	BITSTRING	1		
4361	(1109)	ADDRESS	1		
4377	(1119)	BITSTRING	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4378	(111A)	BITSTRING	1	MSG2817	
4379	(111B)	BITSTRING	1		
4380	(111C)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4404	(1134)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4407	(1137)	BITSTRING	1		
4408	(1138)	BITSTRING	1		
4409	(1139)	ADDRESS	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4436	(1154)	BITSTRING	8		
4439	(1157)	BITSTRING	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4440	(1158)	BITSTRING	1	MSG2818	
4441	(1159)	BITSTRING	1		
4442	(115A)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4480	(1180)	BITSTRING	1		
4481	(1181)	BITSTRING	1		
4482	(1182)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4503	(1197)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4506	(119A)	BITSTRING	1		
4507	(119B)	BITSTRING	1		
4508	(119C)	ADDRESS	1		
4530	(11B2)	BITSTRING	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4531	(11B3)	BITSTRING	1	MSG2821	
4532	(11B4)	BITSTRING	1		
4533	(11B5)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4569	(11D9)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4572	(11DC)	BITSTRING	1		
4573	(11DD)	BITSTRING	1		
4574	(11DE)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4578	(11E2)	BITSTRING	8		
4581	(11E5)	BITSTRING	1		
		Comment			
		LINES DELETED BY JESTAE/ESTAE 0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4582	(11E6)	BITSTRING	1	MSG2831	
4583	(11E7)	BITSTRING	1		
4584	(11E8)	ADDRESS	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4626	(1212)	BITSTRING	1		
4627	(1213)	BITSTRING	1		
4628	(1214)	ADDRESS	1		
4660	(1234)	BITSTRING	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4661	(1235)	BITSTRING	1	MSG2832	
4662	(1236)	BITSTRING	1		
4663	(1237)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4697	(1259)	BITSTRING	1		
4698	(125A)	BITSTRING	1		
4699	(125B)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4731	(127B)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4734	(127E)	BITSTRING	8		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4737	(1281)	BITSTRING	8		
4740	(1284)	BITSTRING	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4741	(1285)	BITSTRING	1	MSG2833	
4742	(1286)	BITSTRING	1		
4743	(1287)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4776	(12A8)	BITSTRING	1		
4777	(12A9)	BITSTRING	1		
4778	(12AA)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4810	(12CA)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4813	(12CD)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4816	(12D0)	BITSTRING	8		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
4819	(12D3)	BITSTRING	1		

Comment

0
OY10109 HJS3311 880120 PD0AL: SP 3.1.1
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1
0

End of Comment

4820	(12D4)	BITSTRING	1	MSG2834	
4821	(12D5)	BITSTRING	1		
4822	(12D6)	ADDRESS	1		

Comment

0
OY10109 HJS3311 880120 PD0AL: SP 3.1.1
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1
0

End of Comment

4857	(12F9)	BITSTRING	1		
4858	(12FA)	BITSTRING	1		
4859	(12FB)	ADDRESS	1		

Comment

0
OY10109 HJS3311 880120 PD0AL: SP 3.1.1
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1
0

End of Comment

4882	(1312)	BITSTRING	8		
4885	(1315)	BITSTRING	1		

Comment

0
OY10109 HJS3311 880120 PD0AL: SP 3.1.1
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1
0

End of Comment

4886	(1316)	BITSTRING	1	MSG2835	
4887	(1317)	BITSTRING	1		
4888	(1318)	ADDRESS	1		

Comment

0
OY10109 HJS3311 880120 PD0AL: SP 3.1.1
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1
0

End of Comment

4926	(133E)	BITSTRING	8		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4929	(1341)	BITSTRING	1		
4930	(1342)	BITSTRING	1		
4931	(1343)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4935	(1347)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4938	(134A)	BITSTRING	1		
4939	(134B)	BITSTRING	1		
4940	(134C)	ADDRESS	1		
4960	(1360)	BITSTRING	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4961	(1361)	BITSTRING	1	MSG2837	
4962	(1362)	BITSTRING	1		
4963	(1363)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
4997	(1385)	BITSTRING	1		
4998	(1386)	BITSTRING	1		
4999	(1387)	ADDRESS	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5024	(13A0)	BITSTRING	8		
5027	(13A3)	BITSTRING	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5028	(13A4)	BITSTRING	1	MSG2839	
5029	(13A5)	BITSTRING	1		
5030	(13A6)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5061	(13C5)	BITSTRING	1		
5062	(13C6)	BITSTRING	1		
5063	(13C7)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5090	(13E2)	BITSTRING	1		
5091	(13E3)	BITSTRING	1		
5092	(13E4)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5119	(13FF)	BITSTRING	1		
5120	(1400)	BITSTRING	1		
5121	(1401)	ADDRESS	1		
5129	(1409)	BITSTRING	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5130	(140A)	BITSTRING	1	MSG2840	
5131	(140B)	BITSTRING	1		
5132	(140C)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5167	(142F)	BITSTRING	1		
5168	(1430)	BITSTRING	1		
5169	(1431)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5195	(144B)	BITSTRING	1		
5196	(144C)	BITSTRING	1		
5197	(144D)	ADDRESS	1		
5209	(1459)	BITSTRING	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5210	(145A)	BITSTRING	1	MSG2841	
5211	(145B)	BITSTRING	1		
5212	(145C)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5245	(147D)	BITSTRING	1		
5246	(147E)	BITSTRING	1		
5247	(147F)	ADDRESS	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0			
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1			
		$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
		0			
		End of Comment			
5272	(1498)	BITSTRING	8		
5275	(149B)	BITSTRING	1		
		Comment			
		0			
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1			
		$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
		0			
		End of Comment			
5276	(149C)	BITSTRING	1	MSG2842	
5277	(149D)	BITSTRING	1		
5278	(149E)	ADDRESS	1		
		Comment			
		0			
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1			
		$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
		0			
		End of Comment			
5312	(14C0)	BITSTRING	1		
5313	(14C1)	BITSTRING	1		
5314	(14C2)	ADDRESS	1		
		Comment			
		0			
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1			
		$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
		0			
		End of Comment			
5333	(14D5)	BITSTRING	8		
5336	(14D8)	BITSTRING	1		
		Comment			
		LINES DELETED BY JESTAE/ESTAE			
		0			
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1			
		$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
		0			
		End of Comment			
5337	(14D9)	BITSTRING	1	MSG2836	
5338	(14DA)	BITSTRING	1		
5339	(14DB)	ADDRESS	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5368	(14F8)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5371	(14FB)	BITSTRING	1		
5372	(14FC)	BITSTRING	1		
5373	(14FD)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5377	(1501)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5380	(1504)	BITSTRING	1		
5381	(1505)	BITSTRING	1		
5382	(1506)	ADDRESS	1		
5402	(151A)	BITSTRING	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5403	(151B)	BITSTRING	1	MSG2845	
5404	(151C)	BITSTRING	1		
5405	(151D)	ADDRESS	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5444	(1544)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5447	(1547)	BITSTRING	1		
5448	(1548)	BITSTRING	1		
5449	(1549)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5452	(154C)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5455	(154F)	BITSTRING	1		
5456	(1550)	BITSTRING	1		
5457	(1551)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5469	(155D)	BITSTRING	8		
5472	(1560)	BITSTRING	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5473	(1561)	BITSTRING	1	MSG2850	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
5474	(1562)	BITSTRING	1		
5475	(1563)	ADDRESS	1		

Comment

0
OY10109 HJS3311 880120 PD0AL: SP 3.1.1
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1
0

End of Comment

5513	(1589)	BITSTRING	1		
5514	(158A)	BITSTRING	1		
5515	(158B)	ADDRESS	1		

Comment

0
OY10109 HJS3311 880120 PD0AL: SP 3.1.1
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1
0

End of Comment

5521	(1591)	BITSTRING	8		

Comment

0
OY10109 HJS3311 880120 PD0AL: SP 3.1.1
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1
0

End of Comment

5524	(1594)	BITSTRING	1		
5525	(1595)	BITSTRING	1		
5526	(1596)	ADDRESS	1		

Comment

0
OY10109 HJS3311 880120 PD0AL: SP 3.1.1
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1
0

End of Comment

5530	(159A)	BITSTRING	8		

Comment

0
OY10109 HJS3311 880120 PD0AL: SP 3.1.1
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1
0

End of Comment

5533	(159D)	BITSTRING	1		
5534	(159E)	BITSTRING	1		
5535	(159F)	ADDRESS	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5542	(15A6)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5545	(15A9)	BITSTRING	1		
5546	(15AA)	BITSTRING	1		
5547	(15AB)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5554	(15B2)	BITSTRING	8		
5557	(15B5)	BITSTRING	1		
		Comment			
		THE FOLLOWING MSG IS OLD MSG 2851. NEW VERSION IS NEAR BOTTOM. 0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5558	(15B6)	BITSTRING	1	MSGO2851	
5559	(15B7)	BITSTRING	1		
5560	(15B8)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5602	(15E2)	BITSTRING	8		
5605	(15E5)	BITSTRING	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5606	(15E6)	BITSTRING	1	MSG2852	
5607	(15E7)	BITSTRING	1		
5608	(15E8)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5633	(1601)	BITSTRING	1		
5634	(1602)	BITSTRING	1		
5635	(1603)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5644	(160C)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5647	(160F)	BITSTRING	1		
5648	(1610)	BITSTRING	1		
5649	(1611)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5653	(1615)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
5656	(1618)	BITSTRING	1		
5657	(1619)	BITSTRING	1		
5658	(161A)	ADDRESS	1		

Comment

0
OY10109 HJS3311 880120 PD0AL: SP 3.1.1
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1
0

End of Comment

5665	(1621)	BITSTRING	8		

Comment

0
OY10109 HJS3311 880120 PD0AL: SP 3.1.1
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1
0

End of Comment

5668	(1624)	BITSTRING	1		
5669	(1625)	BITSTRING	1		
5670	(1626)	ADDRESS	1		

Comment

0
OY10109 HJS3311 880120 PD0AL: SP 3.1.1
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1
0

End of Comment

5677	(162D)	BITSTRING	8		

Comment

0
OY10109 HJS3311 880120 PD0AL: SP 3.1.1
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1
0

End of Comment

5680	(1630)	BITSTRING	1		
5681	(1631)	BITSTRING	1		
5682	(1632)	ADDRESS	1		

Comment

0
OY10109 HJS3311 880120 PD0AL: SP 3.1.1
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1
0

End of Comment

5694	(163E)	BITSTRING	8		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
Comment					
0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0					
End of Comment					
5697	(1641)	BITSTRING	1		
5698	(1642)	BITSTRING	1		
5699	(1643)	ADDRESS	1		
Comment					
0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0					
End of Comment					
5703	(1647)	BITSTRING	8		
Comment					
0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0					
End of Comment					
5706	(164A)	BITSTRING	1		
5707	(164B)	BITSTRING	1		
5708	(164C)	ADDRESS	1		
Comment					
0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0					
End of Comment					
5712	(1650)	BITSTRING	8		
5715	(1653)	BITSTRING	1		
Comment					
0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0					
End of Comment					
5716	(1654)	BITSTRING	1	MSG2853	
5717	(1655)	BITSTRING	1		
5718	(1656)	ADDRESS	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5753	(1679)	BITSTRING	1		
5754	(167A)	BITSTRING	1		
5755	(167B)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5759	(167F)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5762	(1682)	BITSTRING	1		
5763	(1683)	BITSTRING	1		
5764	(1684)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5768	(1688)	BITSTRING	8		
5771	(168B)	BITSTRING	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5772	(168C)	BITSTRING	1	MSG2854	
5773	(168D)	BITSTRING	1		
5774	(168E)	ADDRESS	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5816	(16B8)	BITSTRING	1		
5817	(16B9)	BITSTRING	1		
5818	(16BA)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5822	(16BE)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5825	(16C1)	BITSTRING	1		
5826	(16C2)	BITSTRING	1		
5827	(16C3)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5831	(16C7)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5834	(16CA)	BITSTRING	1		
5835	(16CB)	BITSTRING	1		
5836	(16CC)	ADDRESS	1		
5855	(16DF)	BITSTRING	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5856	(16E0)	BITSTRING	1	MSG2856	
5857	(16E1)	BITSTRING	1		
5858	(16E2)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5877	(16F5)	BITSTRING	1		
5878	(16F6)	BITSTRING	1		
5879	(16F7)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5916	(171C)	BITSTRING	1		
5917	(171D)	BITSTRING	1		
5918	(171E)	ADDRESS	1		
5934	(172E)	BITSTRING	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5935	(172F)	BITSTRING	1	MSG2858	
5936	(1730)	BITSTRING	1		
5937	(1731)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5970	(1752)	BITSTRING	1		
5971	(1753)	BITSTRING	1		
5972	(1754)	ADDRESS	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5981	(175D)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5984	(1760)	BITSTRING	1		
5985	(1761)	BITSTRING	1		
5986	(1762)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5989	(1765)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
5992	(1768)	BITSTRING	1		
5993	(1769)	BITSTRING	1		
5994	(176A)	ADDRESS	1		
6018	(1782)	BITSTRING	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6019	(1783)	BITSTRING	1	MSG2860	
6020	(1784)	BITSTRING	1		
6021	(1785)	ADDRESS	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6034	(1792)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6037	(1795)	BITSTRING	1		
6038	(1796)	BITSTRING	1		
6039	(1797)	ADDRESS	1		
6047	(179F)	BITSTRING	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6048	(17A0)	BITSTRING	1	MSG2861	
6049	(17A1)	BITSTRING	1		
6050	(17A2)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6063	(17AF)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6066	(17B2)	BITSTRING	1		
6067	(17B3)	BITSTRING	1		
6068	(17B4)	ADDRESS	1		
6085	(17C5)	BITSTRING	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6086	(17C6)	BITSTRING	1	MSG2862	
6087	(17C7)	BITSTRING	1		
6088	(17C8)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6101	(17D5)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6104	(17D8)	BITSTRING	1		
6105	(17D9)	BITSTRING	1		
6106	(17DA)	ADDRESS	1		
6130	(17F2)	BITSTRING	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6131	(17F3)	BITSTRING	1	MSG2863	
6132	(17F4)	BITSTRING	1		
6133	(17F5)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6146	(1802)	BITSTRING	8		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0			
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1			
		$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
		0			
		End of Comment			
6149	(1805)	BITSTRING	1		
6150	(1806)	BITSTRING	1		
6151	(1807)	ADDRESS	1		
6167	(1817)	BITSTRING	1		
		Comment			
		0			
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1			
		$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
		0			
		End of Comment			
6168	(1818)	BITSTRING	1	MSG2864	
6169	(1819)	BITSTRING	1		
6170	(181A)	ADDRESS	1		
		Comment			
		0			
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1			
		$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
		0			
		End of Comment			
6183	(1827)	BITSTRING	8		
		Comment			
		0			
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1			
		$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
		0			
		End of Comment			
6186	(182A)	BITSTRING	1		
6187	(182B)	BITSTRING	1		
6188	(182C)	ADDRESS	1		
6219	(184B)	BITSTRING	1		
6220	(184C)	ADDRESS	1	SRDMSG6	
6221	(184D)	CHARACTER	29	SRDMSG6S	
6250	(186A)	CHARACTER	8	SRD6NAME	
6258	(1872)	CHARACTER	17		
6258	(1872)	X'36'	0	SRDMSG6L	"*-SRDMSG6S"
		Comment			
		0			
		OY10109 HJS3311 880120 PD0AL: SP 3.1.1			
		$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1			
		0			
		End of Comment			
6275	(1883)	BITSTRING	1	MSG2865	
6276	(1884)	BITSTRING	1		
6277	(1885)	ADDRESS	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6289	(1891)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6292	(1894)	BITSTRING	1		
6293	(1895)	BITSTRING	1		
6294	(1896)	ADDRESS	1		
6307	(18A3)	BITSTRING	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6308	(18A4)	BITSTRING	1	MSG2819	
6309	(18A5)	BITSTRING	1		
6310	(18A6)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6346	(18CA)	BITSTRING	8		
6349	(18CD)	BITSTRING	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6350	(18CE)	BITSTRING	1	MSG2866	
6351	(18CF)	BITSTRING	1		
6352	(18D0)	ADDRESS	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6365	(18DD)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6368	(18E0)	BITSTRING	1		
6369	(18E1)	BITSTRING	1		
6370	(18E2)	ADDRESS	1		
6380	(18EC)	BITSTRING	1		
		Comment			
		MSG 2867 ADDED BY PTR 0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6381	(18ED)	BITSTRING	1	MSG2867	
6382	(18EE)	BITSTRING	1		
6383	(18EF)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6411	(190B)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6414	(190E)	BITSTRING	1		
6415	(190F)	BITSTRING	1		
6416	(1910)	ADDRESS	1		
6437	(1925)	BITSTRING	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6438	(1926)	BITSTRING	1	MSG2868	
6439	(1927)	BITSTRING	1		
6440	(1928)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6475	(194B)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6478	(194E)	BITSTRING	1		
6479	(194F)	BITSTRING	1		
6480	(1950)	ADDRESS	1		
6511	(196F)	BITSTRING	1		
		Comment			
		END OF MESSAGES			
		End of Comment			
6512	(1970)	SIGNED	4	SRDMSGZ (0)	
6512	(1970)	ADDRESS	1		
6513	(1971)	CHARACTER	41	SRDMSGZS	
6554	(199A)	CHARACTER	24		
6578	(19B2)	CHARACTER	10	SRDMSZV1	
6578	(19B2)	X'4C'	0	SRDMSGZL	"*-SRDMSGZS"
6592	(19C0)	SIGNED	4	SRDMSGY (0)	
6592	(19C0)	ADDRESS	1		
6593	(19C1)	CHARACTER	41	SRDMSGYS	
6634	(19EA)	CHARACTER	16		
6650	(19FA)	CHARACTER	1	SRDMSYV1	
6650	(19FA)	X'3B'	0	SRDMSGYL	"*-SRDMSGYS"
6652	(19FC)	SIGNED	4	SRDMSGU (0)	
6652	(19FC)	ADDRESS	1		
6653	(19FD)	CHARACTER	40	SRDMSGUS	
6693	(1A25)	CHARACTER	32		
6693	(1A25)	X'48'	0	SRDMSGUL	"*-SRDMSGUS"

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6725	(1A45)	BITSTRING	1	MSG2802	
6726	(1A46)	BITSTRING	1		
6727	(1A47)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6740	(1A54)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6743	(1A57)	BITSTRING	1		
6744	(1A58)	BITSTRING	1		
6745	(1A59)	ADDRESS	1		
6785	(1A81)	BITSTRING	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6786	(1A82)	BITSTRING	1	MSG2820	
6787	(1A83)	BITSTRING	1		
6788	(1A84)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6800	(1A90)	BITSTRING	8		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6803	(1A93)	BITSTRING	1		
6804	(1A94)	BITSTRING	1		
6805	(1A95)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6809	(1A99)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6812	(1A9C)	BITSTRING	1		
6813	(1A9D)	BITSTRING	1		
6814	(1A9E)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6851	(1AC3)	BITSTRING	1		
6852	(1AC4)	BITSTRING	1		
6853	(1AC5)	ADDRESS	1		
6866	(1AD2)	BITSTRING	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6867	(1AD3)	BITSTRING	1	MSG2851	
6868	(1AD4)	BITSTRING	1		
6869	(1AD5)	ADDRESS	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6911	(1AFF)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6914	(1B02)	BITSTRING	1		
6915	(1B03)	BITSTRING	1		
6916	(1B04)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6921	(1B09)	BITSTRING	8		
6924	(1B0C)	BITSTRING	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6925	(1B0D)	BITSTRING	1	MSG2846	
6926	(1B0E)	BITSTRING	1		
6927	(1B0F)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6969	(1B39)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
6972	(1B3C)	BITSTRING	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
6973	(1B3D)	BITSTRING	1		
6974	(1B3E)	ADDRESS	1		

Comment

0
OY10109 HJS3311 880120 PD0AL: SP 3.1.1
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1
0

End of Comment

6978	(1B42)	BITSTRING	8		

Comment

0
OY10109 HJS3311 880120 PD0AL: SP 3.1.1
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1
0

End of Comment

6981	(1B45)	BITSTRING	1		
6982	(1B46)	BITSTRING	1		
6983	(1B47)	ADDRESS	1		

Comment

0
OY10109 HJS3311 880120 PD0AL: SP 3.1.1
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1
0

End of Comment

6987	(1B4B)	BITSTRING	8		
6990	(1B4E)	BITSTRING	1		

Comment

0
OY10109 HJS3311 880120 PD0AL: SP 3.1.1
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1
0

End of Comment

6991	(1B4F)	BITSTRING	1	MSG2847	
6992	(1B50)	BITSTRING	1		
6993	(1B51)	ADDRESS	1		

Comment

0
OY10109 HJS3311 880120 PD0AL: SP 3.1.1
$MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1
0

End of Comment

7022	(1B6E)	BITSTRING	8		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
7025	(1B71)	BITSTRING	1		
7026	(1B72)	BITSTRING	1		
7027	(1B73)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
7061	(1B95)	BITSTRING	1		
7062	(1B96)	BITSTRING	1		
7063	(1B97)	ADDRESS	1		
7065	(1B99)	BITSTRING	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
7066	(1B9A)	BITSTRING	1	MSG2849	
7067	(1B9B)	BITSTRING	1		
7068	(1B9C)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
7101	(1BBD)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
7104	(1BC0)	BITSTRING	1		
7105	(1BC1)	BITSTRING	1		
7106	(1BC2)	ADDRESS	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
7138	(1BE2)	BITSTRING	1		
7139	(1BE3)	BITSTRING	1		
7140	(1BE4)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
7152	(1BF0)	BITSTRING	1		
7153	(1BF1)	BITSTRING	1		
7154	(1BF2)	ADDRESS	1		
7156	(1BF4)	BITSTRING	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
7157	(1BF5)	BITSTRING	1	MSG2880	
7158	(1BF6)	BITSTRING	1		
7159	(1BF7)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
7202	(1C22)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
7205	(1C25)	BITSTRING	1		
7206	(1C26)	BITSTRING	1		
7207	(1C27)	ADDRESS	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
7211	(1C2B)	BITSTRING	8		
7214	(1C2E)	BITSTRING	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
7215	(1C2F)	BITSTRING	1	MSG2881	
7216	(1C30)	BITSTRING	1		
7217	(1C31)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
7274	(1C6A)	BITSTRING	8		
7277	(1C6D)	BITSTRING	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
7278	(1C6E)	BITSTRING	1	MSG2882	
7279	(1C6F)	BITSTRING	1		
7280	(1C70)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
7309	(1C8D)	BITSTRING	8		
7312	(1C90)	BITSTRING	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
7313	(1C91)	BITSTRING	1	MSG2884	
7314	(1C92)	BITSTRING	1		
7315	(1C93)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
7345	(1CB1)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
7348	(1CB4)	BITSTRING	1		
7349	(1CB5)	BITSTRING	1		
7350	(1CB6)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
7354	(1CBA)	BITSTRING	8		
7357	(1CBD)	BITSTRING	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
7358	(1CBE)	BITSTRING	1	MSG2886	
7359	(1CBF)	BITSTRING	1		
7360	(1CC0)	ADDRESS	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
7397	(1CE5)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
7400	(1CE8)	BITSTRING	1		
7401	(1CE9)	BITSTRING	1		
7402	(1CEA)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
7406	(1CEE)	BITSTRING	8		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
7409	(1CF1)	BITSTRING	1		
7410	(1CF2)	BITSTRING	1		
7411	(1CF3)	ADDRESS	1		
		Comment			
		0 OY10109 HJS3311 880120 PD0AL: SP 3.1.1 $MG= SP311 HJS3311 880120 PD0AL: SP 3.1.1 0			
		End of Comment			
7415	(1CF7)	BITSTRING	8		
7418	(1CFA)	BITSTRING	1		
7419	(1CFB)	BITSTRING	1	XTNMSG (253)	MSG EXTENSION AREA 214X USED FOR MSGS ADDED BY JESTAE/ESTAE REMOVE BEFORE SHIP
		Comment			
		Define storage for IATXCNDB parmlist MACDATE -94/10/04-<3>			
		End of Comment			
0	(0)	X'1DF8'	0	M00M0350	"SRDXCDBL" ++ IATXCNDB NAME

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
7672	(1DF8)	DBL WORD	8	SRDXCDBL (0)	++ IATXCNDB PARM LIST
7672	(1DF8)	BITSTRING	1	SRDXCDBL_XVERSION	++ INPUT XVERSION
7673	(1DF9)	CHARACTER	6	SRDXCDBL_XEYECATCH	++ CONSTANT
7679	(1DFF)	BITSTRING	2	SRDXCDBL_XFLAG1	++ FIELD_LABEL
7679	(1DFF)	BITSTRING	0	SRDXCDBL_XOPERATION_INITIALIZE	"B'1000000000000000'" ++ XOPERATION.INITIALIZE KEYWORD
7679	(1DFF)	BITSTRING	0	SRDXCDBL_XOPERATION_TRANSFER	"B'0100000000000000'" ++ XOPERATION.TRANSFER KEYWORD
7679	(1DFF)	BITSTRING	0	SRDXCDBL_XOPERATION_UPDATE	"B'0010000000000000'" ++ XOPERATION.UPDATE KEYWORD
7679	(1DFF)	BITSTRING	0	SRDXCDBL_XOPERATION_RESET	"B'0001000000000000'" ++ XOPERATION.RESET KEYWORD
7679	(1DFF)	BITSTRING	0	SRDXCDBL_XOPERATION_VERIFY	"B'0000100000000000'" ++ XOPERATION.VERIFY KEYWORD
7679	(1DFF)	BITSTRING	0	SRDXCDBL_XOPERATION_TRANSCONSID	"B'0000010000000000'" ++ XOPERATION.TRANSCONSID KEYWORD
7679	(1DFF)	BITSTRING	0	SRDXCDBL_XOPERATION_TRANSROUT	"B'0000001000000000'" ++ XOPERATION.TRANSROUT KEYWORD
7679	(1DFF)	BITSTRING	0	SRDXCDBL_XOPERATION_EXTRACTCONSID	"B'0000000100000000'" ++ XOPERATION.EXTRACTCONSID KEYWORD
		1...		SRDXCDBL_XOPERATION_EXTRACTCONSNAME	"B'0000000010000000'" ++ XOPERATION.EXTRACTCONSNAME KEYWOR
		.1..		SRDXCDBL_XOPERATION_EXTRACTCONSTYPE	"B'0000000001000000'" ++ XOPERATION.EXTRACTCONSTYPE KEYWOR
		..1.		SRDXCDBL_XOPERATION_EXTRACTROUT	"B'0000000000100000'" ++ XOPERATION.EXTRACTROUT KEYWORD
		...1		SRDXCDBL_XOPERATION_EXTRACTCART	"B'0000000000010000'" ++ XOPERATION.EXTRACTCART KEYWORD
7681	(1E01)	BITSTRING	1	SRDXCDBL_XABEND	++ INPUT
		1...		SRDXCDBL_XABEND_YES	"B'10000000'" ++ XABEND.YES KEYWORD
		.1..		SRDXCDBL_XABEND_NO	"B'01000000'" ++ XABEND.NO KEYWORD
7682	(1E02)	BITSTRING	1	SRDXCDBL_XUSERADDR	++ FIELD_LABEL
7683	(1E03)	CHARACTER	1	SRDXCDBL_XRSV001	++ RESERVED
7684	(1E04)	ADDRESS	4	SRDXCDBL_XCNDB	++
7688	(1E08)	ADDRESS	4	SRDXCDBL_XOUTCNDB	++
7692	(1E0C)	ADDRESS	4	SRDXCDBL_XINCNDB	++
7696	(1E10)	ADDRESS	4	SRDXCDBL_XCONSNM	++
7700	(1E14)	ADDRESS	4	SRDXCDBL_XCONSID	++
7704	(1E18)	ADDRESS	4	SRDXCDBL_XOUTCONSID	++

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
7708	(1E1C)	CHARACTER	2	SRDXCDBL_XRSV002	
					++ RESERVED
7710	(1E1E)	BITSTRING	1	SRDXCDBL_XFLAG2	
					++ FIELD_LABEL
		1...		SRDXCDBL_XCMDIND_YES	
					"B'10000000'" ++ XCMDIND.YES KEYWORD
		.1..		SRDXCDBL_XCMDIND_NO	
					"B'01000000'" ++ XCMDIND.NO KEYWORD
7711	(1E1F)	BITSTRING	1	SRDXCDBL_XKEYS	
					++ FIELD_LABEL
		1...		SRDXCDBL_KEYUSED_CMDIND	
					"B'10000000'" ++ KEYUSED.CMDIND KEYWORD
7712	(1E20)	ADDRESS	4	SRDXCDBL_XROUT	
					++
7716	(1E24)	ADDRESS	4	SRDXCDBL_XCART	
					++
7720	(1E28)	ADDRESS	4	SRDXCDBL_XOUTCONSNAME	
					++
7724	(1E2C)	ADDRESS	4	SRDXCDBL_XOUTCONSTYPE	
					++
7728	(1E30)	ADDRESS	4	SRDXCDBL_XOUTROUT	
					++
7732	(1E34)	ADDRESS	4	SRDXCDBL_XOUTCART	
					++
7732	(1E34)	X'40'	0	SRDXCDBLL	"*-SRDXCDBL" ++ LENGTH OF PLIST

Comment

```
                              IATXCNDB-3
  SNARJP ACB -- ACB USED FOR JES3 VTAM CONNECTION
SRDACB ACB AM=VTAM,APPLID=SRDAPLNL,EXLST=SRDEXLST,
           PASSWD=SRDAPSWL,MACRF=LOGON
```

End of Comment

7736	(1E38)	SIGNED	4	SRDACB (0)	
7736	(1E38)	BITSTRING	1		ACB IDENTIFICATION
7737	(1E39)	ADDRESS	1		ACB SUBTYPE X04SVHS
7738	(1E3A)	ADDRESS	2		ACB LENGTH X03004HS
7740	(1E3C)	ADDRESS	4		AMB LIST POINTER
7744	(1E40)	ADDRESS	4		PTR TO VTAM EXTENSION X03004HS
7748	(1E44)	BITSTRING	1		MACRF(1) X04SVHS
7749	(1E45)	BITSTRING	1		MACRF(2) X04SVHS
7750	(1E46)	ADDRESS	1		NO OF CONCURRENT X04SVHS STRINGS FOR AIX PATH X04SVHS
7751	(1E47)	ADDRESS	1		NUMBER OF STRINGS X04SVHS
7752	(1E48)	ADDRESS	2		NUMBER OF DATA BUFFERS
7754	(1E4A)	ADDRESS	2		NUMBER OF INDEX BUFFERS
7756	(1E4C)	BITSTRING	1		MACRF(3) X04SVHS
7757	(1E4D)	BITSTRING	1		MACRF(4) X04SVHS
7758	(1E4E)	ADDRESS	2		JES BUFFER POOL/NUMBER X04SVHS OF JOURNAL BUFFERS
7760	(1E50)	BITSTRING	1		RECFM=A
7761	(1E51)	BITSTRING	1		CONTROL CHARACTER TYPE
7762	(1E52)	BITSTRING	2		DSORG=ACB
7764	(1E54)	ADDRESS	4		X04SVHS
7768	(1E58)	ADDRESS	4		PASSWORD POINTER
7772	(1E5C)	ADDRESS	4		EXIT LIST POINTER
7776	(1E60)	BITSTRING	1		INDICATE VTAM X03004
7777	(1E61)	BITSTRING	7		PAD WITH ZEROS X03004
7784	(1E68)	BITSTRING	1		OFLAGS
7785	(1E69)	ADDRESS	1		ERFLAGS
7786	(1E6A)	BITSTRING	1		INFLGS(1) X04SVHS
7787	(1E6B)	BITSTRING	1		INFLGS(2) X04SVHS
7788	(1E6C)	ADDRESS	4		OPENJ JFCB POINTER
7792	(1E70)	ADDRESS	4		BUFFER SPACE

IATYSRD Cross Reference

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
7796	(1E74)	ADDRESS	2		BLOCK SIZE
7798	(1E76)	ADDRESS	2		RECORD SIZE
7800	(1E78)	ADDRESS	4		USER WORKAREA POINTER
7804	(1E7C)	ADDRESS	4		CONTROL BLOCK MANIPULATION WORKAREA POINTER
7808	(1E80)	ADDRESS	4		PTR TO APPL NAME X03004
7818	(1E8A)	BITSTRING	1		ACBOPT1 FLAGS
7819	(1E8B)	BITSTRING	1		ACBOPT2 FLAGS
7820	(1E8C)	SIGNED	4		RESERVED X03004
7824	(1E90)	ADDRESS	4		NIB ADDRESS
7828	(1E94)	ADDRESS	4		AMSI ADDRESS
7832	(1E98)	ADDRESS	4		RIVL ADDRESS
7836	(1E9C)	SIGNED	4		USER FIELD
7840	(1EA0)	ADDRESS	4		APPLVCTR ADDRESS
7844	(1EA4)	SIGNED	4		RESERVED FOR FUTURE SERVICE DO NOT USE **********

IATYSRD Cross Reference

Name

IATYSRD
MSGO2851
MSG2801
MSG2802
MSG2805

MSG2806
MSG2807
MSG2808
MSG2809
MSG2810

MSG2812
MSG2813
MSG2814
MSG2815
MSG2816

MSG2817
MSG2818
MSG2819
MSG2820
MSG2821

MSG2831
MSG2832
MSG2833
MSG2834
MSG2835

MSG2836
MSG2837
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MSG2840
MSG2841

MSG2842
MSG2845
MSG2846
MSG2847
MSG2849

MSG2850
MSG2851
MSG2852
MSG2853
MSG2854

Name

MSG2856
MSG2858
MSG2860
MSG2861
MSG2862

MSG2863
MSG2864
MSG2865
MSG2866
MSG2867

MSG2868
MSG2880
MSG2881
MSG2882
MSG2884

MSG2886
M00M0350
QMSALL
QMSCHN
QMSCNDB

QMSCNID
QMSCON
QMSEND
QMSERR
QMSFLAG

QMSLOG
QMSMSG
QMSRSVD
QMSSIZE
QMSSTART

QMSTEXT
QMSTP
QMSWKA1
QMSWKA2
SDUMADRL

SDUMELEN
SDUMENDA
SDUMLAST
SDUMLSTE
SDUMRET

SDUMSAVE
SDUMSTRA
SDUMWORK
SDUMWRKE
SDUMWRKL

SMFJ47
SMFJ48
SMFJ49
SMFRCD47
SMFRCD48

SMFRCD49
SMF47CWK
SMF47DPL
SMF47DSL
SMF47DTE

SMF47END
SMF47EVT
SMF47FLG
SMF47HSP
SMF47JID

Name

SMF47LAA
SMF47LCF
SMF47LEN
SMF47LIN
SMF47LN1
SMF47LN2
SMF47LON
SMF47LRR
SMF47LTC
SMF47MSG
SMF47PCI
SMF47PLI
SMF47PSW
SMF47PTR
SMF47RMT
SMF47RSV
SMF47RTY
SMF47RVJ
SMF47RVU
SMF47SBG
SMF47SBS
SMF47SEG
SMF47SID
SMF47SIZ
SMF47SON
SMF47SPA
SMF47STL
SMF47TME
SMF47UID
SMF47ULK
SMF47UNL
SMF48ADP
SMF48AD4
SMF48CAN
SMF48CDH
SMF48CNI
SMF48CNT
SMF48CPD
SMF48CPG
SMF48CPU
SMF48CTD
SMF48CTH
SMF48CWK
SMF48DCK
SMF48DID
SMF48DIO
SMF48DSL
SMF48DSP
SMF48DTE
SMF48END
SMF48ERR
SMF48ERS
SMF48EVT
SMF48FLG
SMF48FLS
SMF48HSI
SMF48HSP
SMF48IO
SMF48LAA
SMF48LA4

Name

SMF48LEN
SMF48LIN
SMF48LOF
SMF48LRR
SMF48NAK
SMF48NKS
SMF48OUT
SMF48PSW
SMF48PTR
SMF48RMT
SMF48RPI
SMF48RSV
SMF48RTY
SMF48RVJ
SMF48RVU
SMF48RV1
SMF48SBG
SMF48SBP
SMF48SBS
SMF48SEG
SMF48SID
SMF48SIZ
SMF48SOF
SMF48SPA
SMF48S0
SMF48S1
SMF48S2
SMF48S3
SMF48S4
SMF48S5
SMF48S6
SMF48TID
SMF48TIO
SMF48TME
SMF48TOT
SMF48TRN
SMF48UID
SMF48ULK
SMF48USR
SMF48VIR
SMF48VSD
SMF48XCP
SMF49BND
SMF49DEF
SMF49DTE
SMF49END
SMF49EVT
SMF49FLG
SMF49FLN
SMF49LEN
SMF49LER
SMF49LIM
SMF49LIN
SMF49LNA
SMF49LN1
SMF49LN2
SMF49LRR
SMF49MSG
SMF49NER
SMF49PER

Name

SMF49PSW
SMF49PTR
SMF49RMT
SMF49RSV
SMF49RTY
SMF49RV1
SMF49SBG
SMF49SBS
SMF49SEG
SMF49SID
SMF49SIZ
SMF49SON
SMF49SPW
SMF49STL
SMF49TER
SMF49TME
SMF49UFO
SMF49VID
SNFRRCID
SNFRRECR
SNFRREND
SNFRRFLG
SNFRRLCB
SNFRRPAR
SNFRRRIC
SNFRRTOK
SNRJSV
SNRJSVA
SNRJSVBK
SNRJSVCH
SNRJSVFW
SNRJSVRG
SNRJSVRT
SNRJSVSZ
SNRJSVWK
SNRJSVW1
SNRJSVW2
SNRJSVW3
SNRJSVW4
SRDACB
SRDACBCL
SRDACBCM
SRDACBOP
SRDACNTL
SRDAMPR
SRDAPLNL
SRDAPLNM
SRDAPSWD
SRDAPSWL
SRDBBNDA
SRDBCIDS
SRDBLDCB
SRDBLMSG
SRDBLRLT
SRDBLUNM
SRDBNPSW
SRDBPASS
SRDBPSWD
SRDBSESP
SRDBUFLC

Name

SRDBUFLM
SRDBUFTR
SRDBWKA
SRDBWKAL
SRDBWSBN

SRDCBID
SRDCLECB
SRDCLOG
SRDCLOSN
SRDCLRLN

SRDCLSDN
SRDCLSDX
SRDCLSEN
SRDCLSEX
SRDCNDB

SRDCNI
SRDCNIM
SRDCNLWS
SRDCNN
SRDCNNM

SRDCNRJP
SRDCNWS
SRDCNWSM
SRDCOMM
SRDCONRL

SRDCONSV
SRDCRPI
SRDCRPIM
SRDCRPN
SRDCRPNM

SRDCSVWK
SRDCSWK
SRDCSWKL
SRDCSWKS
SRDCTBNM

SRDCVHEX
SRDCWK
SRDDBMA
SRDDEVSZ
SRDDFASX

SRDDFASY
SRDDFNIB
SRDDFRPL
SRDDMPR
SRDDSPSV

SRDECLS
SRDECLSM
SRDEFLG1
SRDEGMA
SRDELCB

SRDELST
SRDELSTM
SRDEOPN
SRDEOPNM
SRDEPLOC

SRDESBN
SRDESEBN
SRDESTA
SRDEUNA
SRDEXLST

Name

SRDFACT
SRDFFOUR
SRDFLAG1
SRDFONE
SRDFOUR
SRDFPTR
SRDFPUN
SRDFRC
SRDFRCM
SRDFRLG
SRDFSCOD
SRDGETSZ
SRDICCOM
SRDIMPR
SRDINCD
SRDINFL
SRDINFLM
SRDINITD
SRDINQN
SRDINVSP
SRDIRBSV
SRDJESTA
SRDJRTRY
SRDKEY
SRDLCBL
SRDLCBSV
SRDLGNIB
SRDLGREJ
SRDLGRPL
SRDLMSGL
SRDLMSGO
SRDLOGNN
SRDLOGNW
SRDLOGNX
SRDLPAT
SRDLSTMX
SRDLTRMN
SRDLUNAM
SRDLWKA
SRDMAXWK
SRDMDLEN
SRDMDLST
SRDMLEN
SRDMODBC
SRDMPADS
SRDMPDCB
SRDMPDED
SRDMPDMA
SRDMPDVL
SRDMPLEN
SRDMSGA
SRDMSGU
SRDMSGUL
SRDMSGUS
SRDMSGY
SRDMSGYL
SRDMSGYS
SRDMSGZ
SRDMSGZL
SRDMSGZS

Name

SRDMSG1
SRDMSG1L
SRDMSG1S
SRDMSG2
SRDMSG2L
SRDMSG2S
SRDMSG3
SRDMSG3L
SRDMSG3S
SRDMSG4
SRDMSG4L
SRDMSG4S
SRDMSG5
SRDMSG5L
SRDMSG5S
SRDMSG6
SRDMSG6L
SRDMSG6S
SRDMSG7
SRDMSG7L
SRDMSG7S
SRDMSG8
SRDMSG8L
SRDMSG8S
SRDMSG9
SRDMSG9E
SRDMSG9S
SRDMSTLG
SRDMSYV1
SRDMSZV1
SRDMS5V1
SRDMS5V2
SRDMS5V3
SRDMS7V1
SRDMVAR1
SRDMVAR2
SRDMVAR3
SRDNIBLN
SRDNORML
SRDOFAL
SRDOFALM
SRDONE
SRDOPCL
SRDOPCOM
SRDOPENN
SRDOPNDN
SRDOPNDX
SRDOPNRT
SRDOSUC
SRDOSUCM
SRDPDIRN
SRDPERR
SRDPMSGQ
SRDPNCHN
SRDPOOL
SRDPRTN
SRDPRUSZ
SRDPWKQ
SRDRCNT
SRDRCRWK

Name

SRDRCVAN
SRDRCVN
SRDRDRID
SRDRDRN
SRDRETRY
SRDREXIT
SRDRMVCB
SRDRNA
SRDRNJSS
SRDRPLLN
SRDRSLCB
SRDRSPEX
SRDRSRN
SRDRSTWK
SRDRSVD
SRDRSVD1
SRDRSVD2
SRDRSVD3
SRDRSVD4
SRDRSVD5
SRDRSVD6
SRDRSVD8
SRDRSVS
SRDRSVS1
SRDRSVS2
SRDRSVS3
SRDRSVS4
SRDRSVS5
SRDRSVS6
SRDRSVS8
SRDRSVU1
SRDRSVU2
SRDRSVU3
SRDRSVU4
SRDRSVU5
SRDRSVU6
SRDRSVU7
SRDRSVU8
SRDRSWK2
SRDRTADR
SRDRTYSV
SRDRUBB
SRDRUBIG
SRDRUBSZ
SRDRULB
SRDRULOC
SRDRUMAX
SRDRUMIN
SRDRUNM
SRDRUSZ
SRDRVRPL
SRDR14
SRDR15
SRDR4
SRDSEC
SRDSECPL
SRDSENBC
SRDSETAC
SRDSETLN
SRDSETLX

Name

SRDSGINA
SRDSGINF
SRDSGNAM
SRDSGNPM
SRDSIMLG
SRDSIMLN
SRDSIMLX
SRDSIMRT
SRDSLMEX
SRDSLMLN
SRDSLPSW
SRDSLRPL
SRDSLWSN
SRDSMF47
SRDSMF48
SRDSMF49
SRDSNDN
SRDSNLSC
SRDSNLSM
SRDSNLSP
SRDSNLSX
SRDSNLS2
SRDSPFDB
SRDSPFL1
SRDSRUSZ
SRDSSCN
SRDSSWE
SRDSUBT
SRDSUPNM
SRDSVR10
SRDSVWSN
SRDTATFD
SRDTBYTS
SRDTHIRD
SRDTPNDN
SRDTPNDX
SRDTRCON
SRDTRFDB
SRDTROFF
SRDTWO
SRDWALLS
SRDWCLOS
SRDWCLSD
SRDWCLSE
SRDWCMDP
SRDWCNR
SRDWCNTL
SRDWCNWS
SRDWESTA
SRDWGCTB
SRDWINIT
SRDWJRT
SRDWJSTA
SRDWKWDV
SRDWLGV
SRDWLOGN
SRDWLOPN
SRDWLSTM
SRDWMAX
SRDWMSGP

Name

SRDWOPEN
SRDWOPND
SRDWPASS
SRDWRMCB
SRDWRSVS
SRDWRUS
SRDWS
SRDWSACT
SRDWSBL
SRDWSETL
SRDWSFDB
SRDWSIML
SRDWSML
SRDWSNAM
SRDWTPND
SRDWWRKP
SRDWWSB
SRDXCDBL
SRDXCDBL_KEYUSED_CMDIND
SRDXCDBL_XABEND
SRDXCDBL_XABEND_NO
SRDXCDBL_XABEND_YES
SRDXCDBL_XCART
SRDXCDBL_XCMDIND_NO
SRDXCDBL_XCMDIND_YES
SRDXCDBL_XCNDB
SRDXCDBL_XCONSID
SRDXCDBL_XCONSNM
SRDXCDBL_XEYECATCH
SRDXCDBL_XFLAG1
SRDXCDBL_XFLAG2
SRDXCDBL_XINCNDB
SRDXCDBL_XKEYS
SRDXCDBL_XOPERATION_EXTRACTCART
SRDXCDBL_XOPERATION_EXTRACTCONSID
SRDXCDBL_XOPERATION_EXTRACTCONSNAME
SRDXCDBL_XOPERATION_EXTRACTCONSTYPE
SRDXCDBL_XOPERATION_EXTRACTROUT
SRDXCDBL_XOPERATION_INITIALIZE

Name

SRDXCDBL_XOPERATION_RESET

SRDXCDBL_XOPERATION_TRANSCONSID

SRDXCDBL_XOPERATION_TRANSFER

SRDXCDBL_XOPERATION_TRANSROUT

SRDXCDBL_XOPERATION_UPDATE

SRDXCDBL_XOPERATION_VERIFY

SRDXCDBL_XOUTCART

SRDXCDBL_XOUTCNDB

SRDXCDBL_XOUTCONSID

SRDXCDBL_XOUTCONSNAME

SRDXCDBL_XOUTCONSTYPE

SRDXCDBL_XOUTROUT

SRDXCDBL_XROUT

SRDXCDBL_XRSV001

SRDXCDBL_XRSV002

SRDXCDBL_XUSERADDR

SRDXCDBL_XVERSION

SRDXCDBLL

SRDXCR
SRDXEND
SRDZERO
SRD3
SRD551

SRD551RP
SRD6NAME
SRD7
XTNMSG

IATYSRF Information

IATYSRF Programming Interface information

Programming Interface information

IATYSRF

End of Programming Interface information

IATYSRF Heading Information

Common Name: SINGLE-RECORD FILE HEADER
Macro ID: IATYSRF
DSECT Name: None
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Subpool: N/A
Key: N/A
Residency: Any
Size: 32 Bytes
Created by: N/A
Pointed to by: N/A
Serialization: N/A
Function: Contains the user portion of the Single-Record File header.

IATYSRF Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	SRFSTART	
0	(0)	BITSTRING	6	SRFTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	SRFCNT	USER COUNT.
8	(8)	CHARACTER	4	SRFID	FILE ID.
12	(C)	BITSTRING	12	SRFCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	SRFVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	SRFDATA (0)	START OF USER DATA AREA.

IATYSRL Information

IATYSRL Programming Interface information

Programming Interface information

IATYSRL

End of Programming Interface information

IATYSRL Heading Information

Common Name: FSI SERVICE REQUEST LIST
Macro ID: IATYSRL
DSECT Name: SRLSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: SRL
Offset: SRLID
Length: 4
Storage Attributes: Main Storage: SUBPOOL 0 or SUBPOOL specified by FSCBCBSP
Size: SRLCDSIZ Bytes
SRLDRSIZ Bytes
SRLGDSIZ Bytes
SRLPOSIZ Bytes
SRLBPCCB Bytes
SRLSNSIZ Bytes
Created by: A routine which uses the functional subsystem interface
Pointed to by: IATYFSCB FIELD FSCBLSNQ
IATYFSCB FIELD FSCBSRL
IATYFSDB FIELD FSDBSRLA
IATYSRL FIELD SRLCHAIN
Serialization: The LOCAL Lock must be held while SRLCHAIN is being altered.
Function: The SRL is the common buffer for all communications between the FSS Address space and the JES3 Global Address space. The SRL consists of three sections:
1. A fixed length JES3 header.
2. The fixed length section of the FSI parameter list.
3. A variable length function-dependent section, consisting of the function-dependent section of the FSI parameter list followed by a JES3-Unique function-dependent section.

IATYSRL Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SRLSTART	SERVICE REQUEST LIST
0	(0)	SIGNED	2	SRLLEN	LENGTH OF SRL AND USER DATA
2	(2)	BITSTRING	1	SRLFLAGS	REQUEST PROCESSING FLAGS
		Comment			
		---------- DEFINITION OF SRLFLAGS ----------			
		End of Comment			
		1...		SRLCIORD	"X'80'" SRL CONTAINS CI ORDER
		.1..		SRLFSARS	"X'40'" SRL CONTAINS ORDER FOR FSA 0546 ATTEMPTING TO RESTART 0546
		1		SRLDMPRQ	"X'01'" GLOBAL DUMP REQUESTED
3	(3)	BITSTRING	1	SRLDRSVD	RESERVED FOR DEVELOPMENT
4	(4)	CHARACTER	4	SRLID	CONTROL BLOCK ID
8	(8)	ADDRESS	4	SRLCHAIN	ADDRESS OF NEXT SRL ON QUEUE
12	(C)	SIGNED	4	SRLHEND (0)	END OF FIXED LENGTH HEADER
12	(C)	X'C'	0	SRLHSIZE	"SRLHEND-SRLSTART" LENGTH OF HEADER

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				FIXED LENGTH FSI PARAMETER LIST HEADER	
				End of Comment	
12	(C)	BITSTRING	24	SRLFSIP	FSI PARAMETER LIST HEADER
36	(24)	SIGNED	4	SRLFEND (0)	END OF SRL FIXED PORTION
36	(24)	X'24'	0	SRLFSIZE	"SRLFEND-SRLSTART" LENGTH OF SRL FIXED PORTION
				Comment	
				VARIABLE LENGTH FUNCTION-DEPENDENT SEGMENTS FOLLOW CONNECT/DISCONNECT FUNCTION-DEPENDENT SEGMENT	
				End of Comment	
36	(24)	SIGNED	4	SRLCDF (0)	CONNECT/DISCONNECT SEGMENT
				Comment	
				CONNECT/DISCONNECT SECTION OF FSI PARAMETER LIST	
				End of Comment	
36	(24)	BITSTRING	1	SRLCDFSI	CONNECT/DISCONNECT SECTION OF FSI PARAMETER LIST
				Comment	
				JES3-UNIQUE CONNECT/DISCONNECT RESPONSE SECTION	
				End of Comment	
76	(4C)	SIGNED	4	SRLCDJES (0)	JES3 CONNECT/DISCONNECT RESPONSE SECTION
76	(4C)	CHARACTER	8	SRLCDCON	FUNCTION-SPECIFIC CONNECT LOAD MODULE NAME
84	(54)	CHARACTER	8	SRLCDDIS	FUNCTION-SPECIFIC DISCONNECT LOAD MODULE NAME
96	(60)	DBL WORD	8	SRLCDEND (0)	END OF CONN/DISCONN SEGMENT
96	(60)	X'60'	0	SRLCDSIZ	"SRLCDEND-SRLSTART" LENGTH OF CONN/DISCONN SRL
				Comment	
				GETDS FUNCTION-DEPENDENT SEGMENT	
				End of Comment	
36	(24)	SIGNED	4	SRLGDS (0)	GETDS SEGMENT
				Comment	
				GETDS SECTION OF FSI PARAMETER LIST	
				End of Comment	
36	(24)	BITSTRING	1	SRLGDFSI	GETDS SECTION OF FSI PARAMETER LIST
				Comment	
				JES3-UNIQUE GETDS RESPONSE SECTION	
				End of Comment	
184	(B8)	SIGNED	4	SRLGDJES (0)	JES3 GETDS RESPONSE SECTION

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				SPOOL RECORD ADDRESSES	
				End of Comment	
184	(B8)	BITSTRING	6	SRLGDFRA	FIRST RECORD ADDRESS OF DATA
190	(BE)	BITSTRING	6	SRLGDSWB	OUTPUT SWB SPOOL ADDRESS
196	(C4)	BITSTRING	6	SRLGDCKP	CHECKPOINT SPOOL ADDRESS
202	(CA)	BITSTRING	1	SRLGDJNS	JESNEWS SPOOL ADDRESS
				Comment	
				DATA NEEDED FOR SECURITY PROCESSING IN FSS ADDRESS SPACE	
				End of Comment	
208	(D0)	BITSTRING	53	SRLGDENT	SELECTED DATA SET ENTITY NAME
261	(105)	BITSTRING	1	SRLGJENT	JESNEWS ENTITY NAME
				Comment	
				DATA NEEDED FOR SWB RECREATE IN FSS ADDRESS SPACE	
				End of Comment	
314	(13A)	CHARACTER	1	SRLGDSRD (0)	START OF SWB RECREATE DATA
314	(13A)	CHARACTER	8	SRLGDFMS	FORMS
322	(142)	CHARACTER	8	SRLGDPMD	PROCESS MODE NAME
330	(14A)	CHARACTER	4	SRLGDFCB	FORMS CONTROL BUFFER
334	(14E)	CHARACTER	4	SRLGDFSH	FORMS FLASH ID
338	(152)	CHARACTER	4	SRLGDUCS	UNIVERSAL CHARACTER SET
342	(156)	CHARACTER	4	SRLGDMOD	COPY MODIFICATION ID
346	(15A)	BITSTRING	1	SRLGDMRC	COPY MOD TABLE REF CHAR
347	(15B)	CHARACTER	1	SRLGDSTK	STACKER
347	(15B)	X'C3'	0	SRLGDCFS	"C'C'" CONTINUOUS FORMS STACKER
347	(15B)	X'E2'	0	SRLGDBTS	"C'S'" BURSTER-TRIMMER-STACKER
348	(15C)	BITSTRING	1	SRLGDCPY	DATA SET COPIES
349	(15D)	BITSTRING	1	SRLGDCPE (8)	OUTPUT COPY DISTRIBUTION
357	(165)	CHARACTER	4	SRLGDCHR (4)	CHARACTER ARRANGEMENT TABLES
373	(175)	BITSTRING	1	SRLGDFSC	FLASH COUNT
373	(175)	X'3C'	0	SRLGDSRL	"*-SRLGDSRD" LENGTH OF SWB RECREATE DATA
				Comment	
				DATASET DESCRIPTOR FLAGS	
				End of Comment	
374	(176)	BITSTRING	1	SRLGDFLG	DATASET DESCRIPTOR FLAGS
		1...		SRLGDJHD	"X'80'" PRINT JESNEWS WITH JOB HEADER
		.1..		SRLGDJTL	"X'40'" PRINT JESNEWS WITH JOB TRAILER
374	(176)	X'C0'	0	SRLGDJNW	"SRLGDJHD+SRLGDJTL" PRINT JESNEWS WITH DATASET
		..1.		SRLGDNCK	"X'20'" NEW CHECKPOINT RECORD ALLOCATED BY GLOBAL JES3
		...1		SRLGDJTO	"X'10'" PRINT JOB TRAILER ONLY - NO ASSOCIATED DATASET
		.... 1...		SRLGDCPD	"X'08'" COMPOSED PAGE DATA STREAM CC

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... .1..		SRLGDNCP	"X'04'" NON-FSS CHECKPOINT RECORD
		.... ..1.		SRLGDSP2	"X'02'" DOUBLE SPACING REQUESTED
		1		SRLGDSP1	"X'01'" SINGLE SPACING REQUESTED (TRIPLE SPACING = BOTH FLAGS ON)
375	(177)	CHARACTER	1	SRLGDCMC	COPYMARK INDICATOR
				Comment	

					DATASET DESCRIPTOR FLAGS

				End of Comment	
376	(178)	BITSTRING	1	SRLGDFL2	DATASET DESCRIPTOR FLAGS
		1...		SRLGDDFS	"X'80'" DEFAULT FLASH IN SRLGDFSH
377	(179)	BITSTRING	1	SRLGDVER	SRL GDS version number
377	(179)	X'1'	0	SRLGDVCT	"1" Version supporting CTOKENs
377	(179)	X'2'	0	SRLGDCVR	"SRLGDVS1" Current version number
377	(179)	X'2'	0	SRLGDVS1	"2" Version for OW41263 to reposition SRLGDPXT at the end of the GETDS section
				Comment	

					JOB SEPARATOR PAGE DATA

				End of Comment	
380	(17C)	SIGNED	4	(0)	FULL-WORD ALIGN SRLGDJSP
380	(17C)	BITSTRING	1	SRLGDJSP	JSPA SIZE W/EXTENSION HDR + 1 EXTENSION
				Comment	
					IF SRLGDCHK CAUSES AN ASSEMBLY ERROR, UPDATE THE HARD CODED LENGTH AND REASSEMBLE ALL THE MODULES REFERENCING IAZJSPA
				End of Comment	
604	(25C)	BITSTRING	1	SRLGDCHK (0)	FORCE ASSEMBLY ERROR IF IAZJSPA > 224 BYTES
				Comment	

					DATA REQUIRED TO COMPLETE THE SMF TYPE 6 RECORD

				End of Comment	
604	(25C)	SIGNED	4	(0)	FULL-WORD ALIGN SRLGDJMR
604	(25C)	BITSTRING	1	SRLGDJMR	JOB MANAGEMENT RECORD
				Comment	
					3 LINES DELETED BY APAR OW41263
				End of Comment	
604	(25C)	X'288'	0	SRLGDSZ1	"SRLGDEN1-SRLSTART" Length of version 1 GETDS
648	(288)	DBL WORD	8	SRLGDEN1 (0)	End of GETDS version 1 fields
648	(288)	SIGNED	4	SRLDSKEY	Dataset key
652	(28C)	SIGNED	4	SRLDSNUM	Dataset number from CTOKEN
656	(290)	SIGNED	4	SRLOFFST	Progress Counts Table offset
660	(294)	SIGNED	4	SRLGDRV2	Reserved for IBM
664	(298)	CHARACTER	8	SRLGDEST	OSEDEST to build SWB
672	(2A0)	DBL WORD	8	SRLGDEND (0)	END OF GETDS SEGMENT
672	(2A0)	DBL WORD	8	SRLGDPXT (0)	START OF POTENTIAL FUNCTION DEPENDENT EXTENSIONS - POINTED TO BY FSIPEXT

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
672	(2A0)	X'2A0'	0	SRLGDSIZ	"SRLGDEND-SRLSTART" LENGTH OF MINIMUM GETDS SRL
				Comment	
				RELDS FUNCTION-DEPENDENT SEGMENT	
				End of Comment	
36	(24)	SIGNED	4	SRLRDS (0)	RELDS SEGMENT
				Comment	
				RELDS SECTION OF FSI PARAMETER LIST	
				End of Comment	
36	(24)	BITSTRING	1	SRLRDFSI	RELDS SECTION OF FSI PARAMETER LIST
				Comment	
				JES3-UNIQUE RELDS RESPONSE SECTION	
				End of Comment	
68	(44)	SIGNED	4	SRLRDJES (0)	JES3 RELDS RESPONSE SECTION
68	(44)	BITSTRING	1	SRLRDUPR	REASON CODE ON FSI RELDS
69	(45)	BITSTRING	7	SRLRSVD1	RESERVED FOR DEVELOPMENT
80	(50)	DBL WORD	8	SRLRDEND (0)	END OF RELDS SEGMENT
80	(50)	X'50'	0	SRLRDSIZ	"SRLRDEND-SRLSTART" LENGTH OF RELDS SRL
				Comment	
				POST FUNCTION-DEPENDENT SEGMENT	
				End of Comment	
36	(24)	SIGNED	4	SRLPOST (0)	POST SEGMENT
				Comment	
				POST SECTION OF FSI PARAMETER LIST	
				End of Comment	
36	(24)	BITSTRING	1	SRLPOFSI	POST SECTION OF FSI PARAMETER LIST
				Comment	
				JES3-UNIQUE POST RESPONSE SECTION THIS SECTION IS NOT CURRENTLY REQUIRED.	
				End of Comment	
48	(30)	SIGNED	4	SRLPOJES (0)	JES3 POST RESPONSE SECTION
48	(30)	DBL WORD	8	SRLPOEND (0)	END OF POST SEGMENT
48	(30)	X'30'	0	SRLPOSIZ	"SRLPOEND-SRLSTART" LENGTH OF POST SRL
				Comment	
				ORDER FUNCTION-DEPENDENT SEGMENT	
				End of Comment	
36	(24)	SIGNED	4	SRLORD (0)	ORDER SEGMENT
				Comment	
				FSI PARAMETER LIST SECTION COMMON TO ALL ORDERS	
				End of Comment	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
36	(24)	BITSTRING	20	SRLORFSI	COMMON ORDER SECTION OF FSI PARAMETER LIST
56	(38)	SIGNED	4	SRLORFND (0)	END OF ORDER FIXED PORTION
56	(38)	X'38'	0	SRLORFSZ	"SRLORFND-SRLSTART" LEN OF ORDER FIXED PORTION

Comment

FSI PARAMETER LIST FOR START/STOP ORDERS
0
NOTE BENE: START FSA ORDER IS A SPECIAL CASE 0
- THE FSI PARAMETER LIST FOR START FSA ORDER 0
IS MAPPED AT SRLSFFSI, NOT AT SRLSSFSI. 0
0

End of Comment

56	(38)	BITSTRING	1	SRLSSFSI	FSI PARAMETER LIST FOR START/STOP ORDERS

Comment

JES3-UNIQUE DATA FOR START/STOP ORDERS

End of Comment

96	(60)	SIGNED	4	SRLSSJES (0)	JES3 START/STOP ORDER DATA

Comment

ORDER RESPONSE AREA FOR START/STOP ORDERS

End of Comment

96	(60)	BITSTRING	64	SRLSSRSP	ORDER RESPONSE AREA FOR START/STOP ORDERS
160	(A0)	DBL WORD	8	SRLSSEND (0)	END OF START/STOP ORDER
160	(A0)	X'A0'	0	SRLSSSIZ	"SRLSSEND-SRLSTART" LENGTH OF START/STOP ORDER

Comment

FSI PARAMETER LIST FOR START FSA ORDER

End of Comment

56	(38)	BITSTRING	40	SRLSFFSI	FSI PARAMETER LIST FOR START FSA ORDER
96	(60)	BITSTRING	12	SRLSFINT	DEVICE INITIALIZATION PARAMETERS
108	(6C)	BITSTRING	1	SRLSFMCS	DEVICE MESSAGE ROUTING INFORMATION

Comment

JES3-UNIQUE DATA FOR START FSA ORDER

End of Comment

144	(90)	SIGNED	4	SRLSFJES (0)	JES3 START FSA ORDER DATA

Comment

ORDER RESPONSE AREA FOR START FSA ORDER

End of Comment

144	(90)	BITSTRING	64	SRLSFRSP	ORDER RESPONSE AREA FOR START FSA ORDER
208	(D0)	DBL WORD	8	SRLSFEND (0)	END OF START FSA ORDER
208	(D0)	X'D0'	0	SRLSFSIZ	"SRLSFEND-SRLSTART" LENGTH OF START FSA ORDER

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				FSI PARAMETER LIST FOR QUERY ORDER	
				End of Comment	
56	(38)	SIGNED	4	SRLQUFSI (0)	FSI PARAMETER LIST FOR QUERY ORDER
				Comment	
				JES3-UNIQUE DATA FOR QUERY ORDER	
				End of Comment	
56	(38)	SIGNED	4	SRLQUJES (0)	JES3 QUERY ORDER DATA
				Comment	

				ORDER RESPONSE AREA FOR QUERY ORDER	

				End of Comment	
56	(38)	BITSTRING	64	SRLQURSP	ORDER RESPONSE AREA FOR QUERY ORDER
120	(78)	DBL WORD	8	SRLQUEND (0)	END OF QUERY ORDER
120	(78)	X'78'	0	SRLQUSIZ	"SRLQUEND-SRLSTART" LENGTH OF QUERY ORDER
				Comment	
				FSI PARAMETER LIST FOR SET ORDER	
				End of Comment	
56	(38)	BITSTRING	1	SRLSTFSI	FSI PARAMETER LIST FOR SET ORDER
				Comment	
				JES3-UNIQUE DATA FOR SET ORDER	
				End of Comment	
80	(50)	SIGNED	4	SRLSTJES (0)	JES3 SET ORDER DATA
				Comment	

				ORDER RESPONSE AREA FOR SET ORDER	

				End of Comment	
80	(50)	BITSTRING	64	SRLSTRSP	ORDER RESPONSE AREA FOR SET ORDER
144	(90)	DBL WORD	8	SRLSTEND (0)	END OF SET ORDER
144	(90)	X'90'	0	SRLSTSIZ	"SRLSTEND-SRLSTART" LENGTH OF SET ORDER
				Comment	
				FSI PARAMETER LIST FOR SYNCH ORDER	
				End of Comment	
56	(38)	BITSTRING	1	SRLSYFSI	FSI PARAMETER LIST FOR SYNCH ORDER
				Comment	
				JES3-UNIQUE DATA FOR SYNCH ORDER	
				End of Comment	
216	(D8)	SIGNED	4	SRLSYJES (0)	JES3 SYNCH ORDER DATA

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- ORDER RESPONSE AREA FOR SYNCH ORDER ----------	
				End of Comment	
216	(D8)	BITSTRING	1	SRLSYRSP	ORDER RESPONSE AREA FOR SYNCH ORDER
				Comment	
				---------- SET ORDER DATA AREA FOR SYNCH ORDER ----------	
				End of Comment	
276	(114)	BITSTRING	28	SRLSYSET	SET ORDER DATA AREA FOR SYNCH ORDER
304	(130)	DBL WORD	8	SRLSYEND (0)	END OF SYNCH ORDER
304	(130)	X'130'	0	SRLSYSIZ	"SRLSYEND-SRLSTART" LENGTH OF SYNCH ORDER
				Comment	
				FSI PARAMETER LIST FOR INTERVENTION ORDER	
				End of Comment	
56	(38)	BITSTRING	1	SRLIVFSI	FSI PARAMETER LIST FOR INTERVENTION ORDER
				Comment	
				JES3-UNIQUE DATA FOR INTERVENTION ORDER	
				End of Comment	
108	(6C)	SIGNED	4	SRLIVJES (0)	JES3 INTERVENTION ORDER DATA
				Comment	
				---------- ORDER RESPONSE AREA FOR INTERVENTION ORDER ----------	
				End of Comment	
108	(6C)	BITSTRING	60	SRLIVRSP	ORDER RESPONSE AREA FOR INTERVENTION ORDER
168	(A8)	DBL WORD	8	SRLIVEND (0)	END OF INTERVENTION ORDER
168	(A8)	X'A8'	0	SRLIVSIZ	"SRLIVEND-SRLSTART" LENGTH OF INTERVENTION ORDER
				Comment	
				CI COMMUNICATION BLOCK SECTION COMMON TO ALL CI ORDERS	
				End of Comment	
56	(38)	BITSTRING	40	SRLCICCB	CCB SECTION COMMON TO ALL CI ORDERS
96	(60)	SIGNED	4	SRLCIFND (0)	END OF CCB FIXED PORTION
96	(60)	X'60'	0	SRLCIFSZ	"SRLCIFND-SRLSTART" LEN OF CCB FIXED PORTION
				Comment	
				CI COMMUNICATION BLOCK SECTION FOR PROCESS JOB ORDER	
				End of Comment	
96	(60)	BITSTRING	336	SRLPJCCB	Process job order data

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
432	(1B0)	DBL WORD	8	SRLPJEND (0)	END OF PROCESS JOB ORDER
432	(1B0)	X'1B0'	0	SRLPJSIZ	"SRLPJEND-SRLSTART" LENGTH OF PROCESS JOB ORDER
				Comment	
				CI COMMUNICATION BLOCK SECTION FOR CANCEL/FAIL JOB ORDER	
				End of Comment	
96	(60)	BITSTRING	8	SRLCFCCB	CANCEL/FAIL JOB ORDER DATA
104	(68)	DBL WORD	8	SRLCFEND (0)	END OF CANCEL/FAIL JOB ORDER
104	(68)	X'68'	0	SRLCFSIZ	"SRLCFEND-SRLSTART" LEN OF CANCEL/FAIL JOB ORDER
				Comment	
				CI COMMUNICATION BLOCK SECTION FOR MODIFY COUNT ORDER	
				End of Comment	
96	(60)	BITSTRING	16	SRLMOCCB	MODIFY COUNT ORDER DATA
112	(70)	DBL WORD	8	SRLMOEND (0)	END OF MODIFY COUNT ORDER
112	(70)	X'70'	0	SRLMOSIZ	"SRLMOEND-SRLSTART" LENGTH OF MODIFY COUNT ORDER
				Comment	
				CI COMMUNICATION BLOCK SECTION FOR ENABLE/DISABLE PROCLIB ORDER	
				End of Comment	
96	(60)	BITSTRING	16	SRLEDCCB	ENABLE/DISABLE ORDER DATA
112	(70)	DBL WORD	8	SRLEDEND (0)	END OF ENABLE/DISABLE ORDER
112	(70)	X'70'	0	SRLEDSIZ	"SRLEDEND-SRLSTART" LEN OF ENABLE/DISABLE ORDER
				Comment	
				CI COMMUNICATION BLOCK SECTION FOR BUILD PROCLIB ORDER A FIXED MAPPING OF THIS SECTION IS NOT POSSIBLE.	
				End of Comment	
96	(60)	SIGNED	4	SRLBPCCB (0)	ENABLE/DISABLE ORDER DATA
				Comment	
				SEND FUNCTION-DEPENDENT SEGMENT	
				End of Comment	
36	(24)	SIGNED	4	SRLSND (0)	SEND SEGMENT
				Comment	
				SEND SECTION OF FSI PARAMETER LIST	
				End of Comment	
36	(24)	BITSTRING	1	SRLSNFSI	SEND SECTION OF FSI PARAMETER LIST

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				JES3-UNIQUE SEND DATA SECTION FOR AN UNSOLICITED SEND FROM A CI FSS, THIS SECTION IS MAPPED BY THE CI COMMUNICATION BLOCK, IATYCCB. FOR AN UNSOLICITED SEND FROM A WRITER FSS, THIS SECTION IS MAPPED BY THE FSI ORDER RESPONSE AREA, IAZRESPA.	
				End of Comment	
48	(30)	DBL WORD	8	SRLSNJES (0)	JES3 SEND DATA SECTION
48	(30)	DBL WORD	8	SRLSNEND (0)	END OF SEND SEGMENT
48	(30)	X'30'	0	SRLSNSIZ	"SRLSNEND-SRLSTART" LENGTH OF SEND SRL

IATYSRL Cross Reference

Name

SRLBPCCB
SRLCDCON
SRLCDDIS
SRLCDEND
SRLCDF

SRLCDFSI
SRLCDJES
SRLCDSIZ
SRLCFCCB
SRLCFEND

SRLCFSIZ
SRLCHAIN
SRLCICCB
SRLCIFND
SRLCIFSZ

SRLCIORD
SRLDMPRQ
SRLDRSVD
SRLDSKEY
SRLDSNUM

SRLEDCCB
SRLEDEND
SRLEDSIZ
SRLFEND
SRLFLAGS

SRLFSARS
SRLFSIP
SRLFSIZE
SRLGDBTS
SRLGDCFS

SRLGDCHK
SRLGDCHR
SRLGDCKP
SRLGDCMC
SRLGDCPD

SRLGDCPE
SRLGDCPY
SRLGDCVR
SRLGDDFS
SRLGDEND

Name

SRLGDENT
SRLGDEN1
SRLGDEST
SRLGDFCB
SRLGDFLG
SRLGDFL2
SRLGDFMS
SRLGDFRA
SRLGDFSC
SRLGDFSH
SRLGDFSI
SRLGDJES
SRLGDJHD
SRLGDJMR
SRLGDJNS
SRLGDJNW
SRLGDJSP
SRLGDJTL
SRLGDJTO
SRLGDMOD
SRLGDMRC
SRLGDNCK
SRLGDNCP
SRLGDPMD
SRLGDPXT
SRLGDRV2
SRLGDS
SRLGDSIZ
SRLGDSP1
SRLGDSP2
SRLGDSRD
SRLGDSRL
SRLGDSTK
SRLGDSWB
SRLGDSZ1
SRLGDUCS
SRLGDVCT
SRLGDVER
SRLGDVS1
SRLGJENT
SRLHEND
SRLHSIZE
SRLID
SRLIVEND
SRLIVFSI
SRLIVJES
SRLIVRSP
SRLIVSIZ
SRLLEN
SRLMOCCB
SRLMOEND
SRLMOSIZ
SRLOFFST
SRLORD
SRLORFND
SRLORFSI
SRLORFSZ
SRLPJCCB
SRLPJEND
SRLPJSIZ

Name

SRLPOEND
SRLPOFSI
SRLPOJES
SRLPOSIZ
SRLPOST

SRLQUEND
SRLQUFSI
SRLQUJES
SRLQURSP
SRLQUSIZ

SRLRDEND
SRLRDFSI
SRLRDJES
SRLRDS
SRLRDSIZ

SRLRDUPR
SRLRSVD1
SRLSFEND
SRLSFFSI
SRLSFINT

SRLSFJES
SRLSFMCS
SRLSFRSP
SRLSFSIZ
SRLSND

SRLSNEND
SRLSNFSI
SRLSNJES
SRLSNSIZ
SRLSSEND

SRLSSFSI
SRLSSJES
SRLSSRSP
SRLSSSIZ
SRLSTART

SRLSTEND
SRLSTFSI
SRLSTJES
SRLSTRSP
SRLSTSIZ

SRLSYEND
SRLSYFSI
SRLSYJES
SRLSYRSP
SRLSYSET

SRLSYSIZ

IATYSRPA Information

IATYSRPA Heading Information

Common Name: IATSSRN Parameter Area
Macro ID: IATYSRPA
DSECT Name: SRPADSCT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: SRPA
Offset: 0
Length: 4
Storage Attributes: Auxiliary Storage: N/A
Subpool: JESPOOL
Key: 1
Size: SRPALEN
Created by: IATINM3
IATMSR1
IATMSR2
IATMSR3
Pointed to by: N/A
Serialization: None.
Function: This macro provides a mapping of the parameters and data areas used to pass information to IATSSRN.

IATYSRPA Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SRPADSCT	
		Comment			
		Fields used for parameter passing to IATSSRN.			
		End of Comment			
0	(0)	SIGNED	4	SRPAID	Eye-catcher
4	(4)	ADDRESS	4	SRPAOMPC	Pointer to the old MPC
8	(8)	ADDRESS	4	SRPANMPC	Pointer to the new NAME
12	(C)	BITSTRING	1	SRPAINDX	Processing required
		Comment			

		Definition of SRPAINDX:			

		End of Comment			
12	(C)	X'4'	0	SRPAMBRS	"4" Reset 'Mailbox created' in all DEST queue entries
12	(C)	X'8'	0	SRPAIPLD	"8" Set STAIPLD in all STARs
12	(C)	X'C'	0	SRPAMBDL	"12" Delete DEST Q mailboxes
12	(C)	X'10'	0	SRPADSIR	"16" Requeue STARs on DSI
12	(C)	X'10'	0	SRPAINMX	"16" Maximum index value
13	(D)	BITSTRING	1	SRPARSVS (3)	Reserved for service
		Comment			
		Fields used by IATSSRN as work areas.			
		End of Comment			
16	(10)	ADDRESS	4	SRPADSQA	Dest queue entry pointer save area
20	(14)	ADDRESS	4	SRPADYNX	Address of next dynamic destination queue extension
24	(18)	SIGNED	4	SRPA14SV	R14 save area
28	(1C)	SIGNED	4	SRPAFSID (0)	FSS/FSA id build area
28	(1C)	SIGNED	2	SRPAFSS	FSS portion of the id
30	(1E)	SIGNED	2	SRPAFSA	FSA portion of the id

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
32	(20)	SIGNED	4	SRPAFSTK	FSS token work area
36	(24)	CHARACTER	16	SRPAOMBN	Old global's member name
52	(34)	CHARACTER	16	SRPANMBN	New global's member name

Comment

GMS mailbox name build area.

End of Comment

68	(44)	CHARACTER	16	SRPAGMBX (0)	Mailbox name for GMS DestQ
68	(44)	CHARACTER	8		Prefix for name (SYSJESMS)
76	(4C)	CHARACTER	8	SRPAGMNM	Main name

Comment

List forms of macros used by IATSSRN.
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End of Comment

84	(54)	SIGNED	2	M00M0002 (0)	IXZXIXMB-1
88	(58)	DBL WORD	8	SRPAIXMB (0)	++ IXZXIXMB PARM LIST
88	(58)	BITSTRING	1	SRPAIXMB_XVERSION	
					++ INPUT XVERSION
89	(59)	CHARACTER	6	SRPAIXMB_XEYECATCH	
					++ CONSTANT XEYECATCH
95	(5F)	CHARACTER	1	SRPAIXMB_XRSV0001	
					++ RESERVED XRSV0001
96	(60)	CHARACTER	16	SRPAIXMB_XMBOXNAME	
					++ XMBOXNAME
112	(70)	ADDRESS	4	SRPAIXMB_XPOSTXIT	
					++ XPOSTXIT
116	(74)	ADDRESS	4	SRPAIXMB_XPOSTDATA	
					++ XPOSTDATA
120	(78)	SIGNED	4	SRPAIXMB_XPOSTALET	
					++ XPOSTALET
124	(7C)	SIGNED	4	SRPAIXMB_XGROUPTOKEN	
					++ XGROUPTOKEN
128	(80)	BITSTRING	1	SRPAIXMB_XSYSEVENTS	
					++ FIELD_LABEL
		1...		SRPAIXMB_XSYSEVENT_YES	
					"B'10000000'" ++ XSYSEVENT.YES KEYWORD
		.1..		SRPAIXMB_XSYSEVENT_NO	
					"B'01000000'" ++ XSYSEVENT.NO KEYWORD
128	(80)	X'29'	0	SRPAIXMBL	"*-SRPAIXMB" ++ LENGTH OF PLIST

Comment

IXZXIXMB-1
MACDATE -93/05/10-<1>

End of Comment

130	(82)	SIGNED	2	M00M0005 (0)	IXZXIXMD-1
136	(88)	DBL WORD	8	SRPAIXMD (0)	++ IXZXIXMD PARM LIST
136	(88)	BITSTRING	1	SRPAIXMD_XVERSION	
					++ INPUT XVERSION
137	(89)	CHARACTER	6	SRPAIXMD_XEYECATCH	
					++ CONSTANT XEYECATCH
143	(8F)	BITSTRING	1	SRPAIXMD_XSTB	
					++ INPUT
		1...		SRPAIXMD_XSTB_NO	
					"B'10000000'" ++ XSTB.NO KEYWORD
		.1..		SRPAIXMD_XSTB_YES	
					"B'01000000'" ++ XSTB.YES KEYWORD

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
144	(90)	CHARACTER	16	SRPAIXMD_XMBOXNAME	++ XMBOXNAME
160	(A0)	SIGNED	4	SRPAIXMD_XGROUPTOKEN	++ XGROUPTOKEN
160	(A0)	X'1C'	0	SRPAIXMDL	"*-SRPAIXMD" ++ LENGTH OF PLIST

Comment

IXZXIXMD-1
MACDATE -93/01/28-<1>

End of Comment

164	(A4)	SIGNED	2	M00M0006 (0)	IXZXIXRR-1
168	(A8)	DBL WORD	8	SRPAIXRR (0)	++ IXZXIXRR PARM LIST
168	(A8)	BITSTRING	1	SRPAIXRR_XVERSION	++ INPUT XVERSION
169	(A9)	CHARACTER	6	SRPAIXRR_XEYECATCH	++ CONSTANT XEYECATCH
175	(AF)	CHARACTER	1	SRPAIXRR_XRSV0001	++ RESERVED XRSV0001
176	(B0)	CHARACTER	16	SRPAIXRR_XFROMMEM	++ XFROMMEM
192	(C0)	CHARACTER	16	SRPAIXRR_XTOMEM	++ XTOMEM
208	(D0)	ADDRESS	4	SRPAIXRR_XEXIT	++ XEXIT
212	(D4)	SIGNED	4	SRPAIXRR_XGROUPTOKEN	++ XGROUPTOKEN
212	(D4)	X'30'	0	SRPAIXRRL	"*-SRPAIXRR" ++ LENGTH OF PLIST

Comment

IXZXIXRR-1

End of Comment

216	(D8)	DBL WORD	8	SRPAEND (0)	
216	(D8)	X'D8'	0	SRPALEN	"(SRPAEND-SRPADSCT)" Parameter area length

IATYSRPA Cross Reference

Name

M00M0002
M00M0005
M00M0006
SRPADSCT
SRPADSIR
SRPADSQA
SRPADYNX
SRPAEND
SRPAFSA
SRPAFSID
SRPAFSS
SRPAFSTK
SRPAGMBX
SRPAGMNM
SRPAID
SRPAINDX
SRPAINMX
SRPAIPLD
SRPAIXMB
SRPAIXMB_XEYECATCH

Name

SRPAIXMB_XGROUPTOKEN

SRPAIXMB_XMBOXNAME

SRPAIXMB_XPOSTALET

SRPAIXMB_XPOSTDATA

SRPAIXMB_XPOSTXIT

SRPAIXMB_XRSV0001

SRPAIXMB_XSYSEVENT_NO

SRPAIXMB_XSYSEVENT_YES

SRPAIXMB_XSYSEVENTS

SRPAIXMB_XVERSION

SRPAIXMBL
SRPAIXMD
SRPAIXMD_XEYECATCH

SRPAIXMD_XGROUPTOKEN

SRPAIXMD_XMBOXNAME

SRPAIXMD_XSTB

SRPAIXMD_XSTB_NO

SRPAIXMD_XSTB_YES

SRPAIXMD_XVERSION

SRPAIXMDL
SRPAIXRR
SRPAIXRR_XEXIT

SRPAIXRR_XEYECATCH

SRPAIXRR_XFROMMEM

SRPAIXRR_XGROUPTOKEN

SRPAIXRR_XRSV0001

SRPAIXRR_XTOMEM

SRPAIXRR_XVERSION

SRPAIXRRL
SRPALEN
SRPAMBDL
SRPAMBRS
SRPANMBN
SRPANMPC
SRPAOMBN

Name

SRPAOMPC
SRPARSVS
SRPA14SV

IATYSRS Information

IATYSRS Programming Interface information

Programming Interface information

IATYSRS

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

- SRSMCTCH
- SRSMMCT
- SRSSAR

End of Programming Interface information

IATYSRS Heading Information

Common Name: MDSSRS (MDS SYSTEM RESOURCE SCHEDULING) DATA AREA (SRS)
Macro ID: IATYSRS
DSECT Name: IATYSRS
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: JES3 Private Area (JESPOOL)
Auxiliary Storage: N/A
Size: 312 Bytes
Created by: ALOADED BY IATINMD
Pointed to by: TVTMDSRD IN IATYTVT
Serialization: NONE
Function: Contains information needed by the MDSSRS FCT

IATYSRS Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYSRS	
0	(0)	SIGNED	4	SRSSTART (0)	Start of the SRS
		Comment			
SRSID 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	SRSID	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	4	SRSFCT	MDSSRS FCT
		Comment			
MDSSRS Queues and Addresses					
		End of Comment			
40	(28)	ADDRESS	4	SRSSELQ	Start of the MDS System Select queue
44	(2C)	ADDRESS	4	SRSVFYQ	Start of the MDS System Verify queue
48	(30)	ADDRESS	4	SRSMMCT	MCT for the master MDS subtask
52	(34)	ADDRESS	4	SRSMCTCH	Start of the MCT chain (does not include master MCT)
56	(38)	ADDRESS	4	SRSSAR	Address of the SMS Available Resource Chain
60	(3C)	ADDRESS	4	SRSCURRQ	Current RESQUEUE
		Comment			
MDSSRS FCT ECF					
		End of Comment			
64	(40)	BITSTRING	1	SRSECF	MDSSRS FCT ECF
		Comment			
--- Definition of SRSECF NOTE: The flags defined in SRSECF must be serialized using the compare and swap instruction ---					
		End of Comment			

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		1...		SRSSSEL	"X'80'" A job has been placed on the MDS System Select queue
		.1..		SRSSVER	"X'40'" A job has been placed on the MDS System Verify queue
		..1.		SRSSTCMP	"X'20'" An MDS subtask has completed processing
		...1		SRSSTABN	"X'10'" An MDS subtask has abended
		.... 1...		SRSCNRST	"X'08'" Operator command entered to cancel a job being processed by MDSSRS
		.... .1..		SRSECF04	"X'04'" Reserved
		.... ..1.		SRSECF02	"X'02'" Reserved
		1		SRSECF01	"X'01'" Reserved
65	(41)	BITSTRING	3	SRSRSVDD	Reserved for Development

Comment

The MDSSRS FCT has another ECF. SVTSMFCT in SVTFLAGJ in IATYSVT is posted when an SMS resource becomes available

---

MDSSRS FCT ECFLIST

End of Comment

68	(44)	SIGNED	4	SRSECLST (0)	MDSSRS FCT ECFLIST
68	(44)	ADDRESS	4	SRSECFA1	Address of SRS ECF in IATYSRS
72	(48)	SIGNED	4	SRSECFM1	ECF mask of SRS ECF in
72	(48)	X'4B'	0	SRSMASK1	"SRSECFM1+3,1" IATYSRS in low order byte, zeros elsewhere
76	(4C)	ADDRESS	4	SRSECFA2	Address of SRS ECF in IATYSVT
80	(50)	SIGNED	4	SRSECFM2	ECF mask of SRS ECF in
80	(50)	X'53'	0	SRSMASK2	"SRSECFM2+3,1" IATYSVT in low order byte, zeros elsewhere
84	(54)	SIGNED	4	SRSLSTTM	ECFLIST terminator

Comment

MDSSRS Data Area Flags

End of Comment

88	(58)	BITSTRING	1	SRSFLG1	MDSSRS Data Area Flag One

Comment

Definition of SRSFLG1

End of Comment

		1...		SRSRTRYE	"X'80'" The MDSSRS JESTAE retry routine has been entered
		.1..		SRSNOTAP	"X'40'" FAILDSP dump code was DM045 (RESQUEUE management error) - Do not issue the RQTAPUT macro
		..1.		SRSWKSAR	"X'20'" Working with SARs
		...1		SRSRQSCN	"X'10'" System Select/Verify Queue scanning
		.... 1...		SRSFL108	"X'08'" Reserved Flag
		.... .1..		SRSFL104	"X'04'" Reserved Flag
		.... ..1.		SRSFL102	"X'02'" Reserved Flag
		1		SRSFL101	"X'01'" Reserved Flag
89	(59)	BITSTRING	1	SRSFLG2	MDSSRS Data Area Flag Two

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

		Definition of SRSFLG2			

		End of Comment			
		1...		SRS1ST	"X'80'" Dechained first SCHRE
		.1..		SRSDCHN	"X'40'" Resource dechained
		..1.		SRSENDG	"X'20'" End of group found
		...1		SRSGRP	"X'10'" Search is in group
		.... 1...		SRSDONE	"X'08'" RQ processing done
		.... .1..		SRSJEST	"X'04'" Jestae entered before
		.... ..1.		SRSFREE	"X'02'" Release all jobs
		1		SRSPOST	"X'01'" Post IATMDSR
90	(5A)	BITSTRING	1	SRSFLG3	MDSSRS Data Area Flag Three
		Comment			

		Definition of SRSFLG3			

		End of Comment			
		1...		SRSFL380	"X'80'" Reserved Flag
		.1..		SRSFL340	"X'40'" Reserved Flag
		..1.		SRSFL320	"X'20'" Reserved Flag
		...1		SRSFL310	"X'10'" Reserved Flag
		.... 1...		SRSFL308	"X'08'" Reserved Flag
		.... .1..		SRSFL304	"X'04'" Reserved Flag
		.... ..1.		SRSFL302	"X'02'" Reserved Flag
		1		SRSFL301	"X'01'" Reserved Flag
91	(5B)	BITSTRING	1	SRSMFOOT	Used to footprint IATMDRL
		Comment			

		Definition of SRSMFOOT			

		End of Comment			
		1...		SRSFRSAR	"X'80'" In FREE_SAR routine
		.1..		SRSFRALL	"X'40'" In FREE_ALL routine
		..1.		SRSPRSRL	"X'20'" In DO_SCHRL routine
		...1		SRSCHSAR	"X'10'" In CHEK_SAR routine
		.... 1...		SRSSRLER	"X'08'" SCHRL ptr error
		.... .1..		SRSSARER	"X'04'" SAR ptr error
		.... ..1.		SRSMF02	"X'02'" Reserved Flag
		1		SRSMF01	"X'01'" Reserved Flag
92	(5C)	BITSTRING	4	SRSFLRSD	Reserved for Development
		Comment			
		MDSSRS Module Entry Point Addresses			
		End of Comment			
96	(60)	ADDRESS	4	SRSMDAT	Entry point addr of IATMDAT
100	(64)	ADDRESS	4	SRSMDRL	Entry point addr of IATMDRL
		Comment			
		MDSSRS FCT Attach/Detach Work Area			
		End of Comment			

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
104	(68)	SIGNED	4	SRSAVJNS	The average number of jobs on the MDS System Select and MDS System Verify queues that need an MDS subtask
108	(6C)	SIGNED	2	SRSATTCT	The number of MDS subtasks that may be attached
110	(6E)	SIGNED	2	SRSATRSD	Reserved for Development

Comment

Because the STORE CLOCK instruction will be used by the MDSSRS DSP, the following doublewords are given below. However, only the first word will be used in calculations, as this will provide sufficient accuracy for our purposes.

End of Comment

112	(70)	DBL WORD	8	SRSATTIM	The time of the last MDS subtask ATTACH
112	(70)	X'70'	0	SRSATMW1	"SRSATTIM,4" First word of SRSATTIM
120	(78)	DBL WORD	8	SRSDETTM	The time the MCT chain was last scanned to determine whether any MDS subtasks need to be detached
120	(78)	X'78'	0	SRSDTMW1	"SRSDETTM,4" First word of SRSDETTM
128	(80)	DBL WORD	8	SRSCURTM	Current time (from STCK)
128	(80)	X'80'	0	SRSCTMW1	"SRSCURTM,4" First word of SRSCURTM

Comment

Save Areas
(NOTE: A save area is required because IATMDSR issues the CPOOL macro with the DELETE parameter.)

End of Comment

136	(88)	SIGNED	4	SRSSAVE (18)	Save area
208	(D0)	ADDRESS	4	SRSLINK1	Store Subroutine linkage reg
212	(D4)	ADDRESS	4	SRSLINK2	Store Subroutine linkage reg
216	(D8)	ADDRESS	4	SRSPREPT	Store previous schre pointer
220	(DC)	ADDRESS	4	SRSSCHPL	Store schre pointer
224	(E0)	ADDRESS	4	SRSABASE	Store base addr of resource array
228	(E4)	ADDRESS	4	SRSRQPTR	Store resqueue pointer
232	(E8)	ADDRESS	4	SRSBEGIN	Pointer to group beginning
236	(EC)	ADDRESS	4	SRSBEFOR	Ptr to element before group
240	(F0)	BITSTRING	1	SRSSTAT	Used to hold SAR new status
241	(F1)	BITSTRING	1	SRSRQNDX	Save Current RQINDEX
242	(F2)	BITSTRING	1	SRSTEMP	Used to hold SCHRE type
243	(F3)	BITSTRING	2	SRSSVRSD	Reserved for Development

Comment

Parameter Lists

MESSAGE Parameter List

SRSMSGPL MESSAGE MF=L Message Parameter List
$T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0

End of Comment

248	(F8)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
248	(F8)	ADDRESS	4	SRSMSGPL	Text Address
252	(FC)	BITSTRING	2		Destination Disp and Mask
254	(FE)	BITSTRING	1		ACTION flag
255	(FF)	ADDRESS	1		Options Flag
256	(100)	BITSTRING	2		Descriptor Codes

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
258	(102)	SIGNED	2		Reserved 2 Bytes
260	(104)	BITSTRING	17		Routing Codes
277	(115)	BITSTRING	1	(3)	Reserved
280	(118)	BITSTRING	1	(8)	Jobid
288	(120)	BITSTRING	1	(8)	Jobname
296	(128)	BITSTRING	1	(8)	Key
304	(130)	ADDRESS	4		CNDB Address 1
308	(134)	ADDRESS	4		CNDB Address 2
312	(138)	ADDRESS	4		CNDB Address 3
316	(13C)	ADDRESS	4		CNDB Address 4
320	(140)	ADDRESS	4		CNDB Address 5
324	(144)	ADDRESS	4		MLWO Address

Comment

IATXDELY Parameter List

End of Comment

328	(148)	DBL WORD	8	SRSXDELY (0)	IATXDELY Parameter List
328	(148)	ADDRESS	4		JQE address
332	(14C)	ADDRESS	4		RQ address
336	(150)	DBL WORD	8		Time stamp
344	(158)	ADDRESS	4		JCT address
348	(15C)	SIGNED	4	(2)	Reserved for IBM

Comment

IATMDAT Parameter List

End of Comment

356	(164)	BITSTRING	1	SRSMDPL	Parameter List passed to IATMDAT

Comment

The DSECT for this parameter list appears in IATYMCT Messages

End of Comment

368	(170)	ADDRESS	4	IAT5010	Address of IAT5010 message
372	(174)	ADDRESS	4	IAT5011	Address of IAT5011 message
376	(178)	ADDRESS	4	IAT5012	Address of IAT5012 message
380	(17C)	ADDRESS	4	IAT5014	Address of IAT5014 message
384	(180)	ADDRESS	4	IAT5015	Address of IAT5015 message
388	(184)	ADDRESS	4	IAT5016	Address of IAT5016 message
392	(188)	ADDRESS	4	IAT5018	Address of IAT5018 message
396	(18C)	ADDRESS	4	IAT5800S	Address of IAT5800 message

Comment

MDSSRS Message Work Area

End of Comment

400	(190)	BITSTRING	1	SRSMSGLN	Length of message
401	(191)	CHARACTER	119	SRSMSGTX	Text of message

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

				IAT5010 SYSTEM MANAGED RESOURCE STATUS HAS CHANGED	

				End of Comment	
520	(208)	ADDRESS	1	MSG5010	
521	(209)	CHARACTER	50	M5010ST	
521	(209)	X'23B'	0	M5010END	"*"
521	(209)	X'32'	0	MSG5010L	"M5010END-M5010ST"
				Comment	

				IAT5011 JOB jjj (jobid) RESTARTED THROUGH (SETUP|C/I)	
				NOTE - IAT5011 is included in both IATYSRS and IATYMDS. Changes to the message text may be needed to be made in both macros.	

				End of Comment	
571	(23B)	ADDRESS	1	MSG5011	
572	(23C)	CHARACTER	12	M5011ST	
584	(248)	CHARACTER	8	M5011JNM	Job name
592	(250)	CHARACTER	2		
594	(252)	CHARACTER	8	M5011JID	Job id
602	(25A)	CHARACTER	20		
622	(26E)	CHARACTER	5	M5011FNC	Function
622	(26E)	X'273'	0	M5011END	"*"
622	(26E)	X'37'	0	MSG5011L	"M5011END-M5011ST"
627	(273)	CHARACTER	5	M5011SET	
632	(278)	CHARACTER	5	M5011CI	
				Comment	

				IAT5012 RESOURCE REQUIREMENTS NOT CONSISTENT WITH CURRENT CONFIGURATION	

				End of Comment	
637	(27D)	ADDRESS	1	MSG5012	
638	(27E)	CHARACTER	50	M5012ST	
688	(2B0)	CHARACTER	21		
688	(2B0)	X'2C5'	0	M5012END	"*"
688	(2B0)	X'47'	0	MSG5012L	"M5012END-M5012ST"
				Comment	

				IAT5014 JOB jjj (jobid) NO PROCESSORS HAVE ACCESS TO BOTH MDS AND SMS RESOURCES	

				End of Comment	
709	(2C5)	ADDRESS	1	MSG5014	
710	(2C6)	CHARACTER	12	M5014ST	
722	(2D2)	CHARACTER	8	M5014JNM	Job name
730	(2DA)	CHARACTER	2		
732	(2DC)	CHARACTER	8	M5014JID	Job id
740	(2E4)	CHARACTER	48		
788	(314)	CHARACTER	9		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
788	(314)	X'31D'	0	M5014END	"*"
788	(314)	X'57'	0	MSG5014L	"M5014END-M5014ST"

Comment

IAT5015 JOB jjj (jobid) REFERENCES A VOLUME NOT FOUND IN ACTIVE SMS CONFIGURATION

End of Comment

797	(31D)	ADDRESS	1	MSG5015	
798	(31E)	CHARACTER	12	M5015ST	
810	(32A)	CHARACTER	8	M5015JNM	Job name
818	(332)	CHARACTER	2		
820	(334)	CHARACTER	8	M5015JID	Job id
828	(33C)	CHARACTER	42		
870	(366)	CHARACTER	17		
870	(366)	X'377'	0	M5015END	"*"

Comment

IAT5016 MDSSRS DRIVER UNRECOVERABLE ERROR - INVALID (MDS CONTROL TABLE (MCT) | RESQUEUE) CHAIN

End of Comment

887	(377)	ADDRESS	1	MSG5016	
888	(378)	CHARACTER	52	M5016ST	
940	(3AC)	CHARACTER	29	M5016CHN	
940	(3AC)	X'3C9'	0	M5016END	"*"
940	(3AC)	X'51'	0	MSG5016L	"M5016END-M5016ST"
969	(3C9)	CHARACTER	29	M5016MCT	
998	(3E6)	CHARACTER	29	M5016RQ	

Comment

IAT5018 JOB jjj (jobid) FAILED DUE TO MDS SUBTASK ABEND

End of Comment

1027	(403)	ADDRESS	1	MSG5018	
1028	(404)	CHARACTER	12	M5018ST	
1040	(410)	CHARACTER	8	M5018JNM	Job name
1048	(418)	CHARACTER	2		
1050	(41A)	CHARACTER	8	M5018JID	Job id
1058	(422)	CHARACTER	33		
1058	(422)	X'443'	0	M5018END	"*"
1058	(422)	X'3F'	0	MSG5018L	"M5018END-M5018ST"

Comment

IAT5800 JOB jjj (jobid) PLACED ON (MDS ERROR | MDS BREAKDOWN) QUEUE BY (SYSTEM SELECT | SYSTEM VERIFY | SRS FAILSOFT)
NOTE - IAT5800 is included in both IATYSRS and IATYMDS. Changes to the message text may be needed to be made in both macros.

End of Comment

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1091	(443)	ADDRESS	1	MSG5800S	
1092	(444)	CHARACTER	12	M5800ST	
1104	(450)	CHARACTER	8	M5800JNM	Job name
1112	(458)	CHARACTER	2		
1114	(45A)	CHARACTER	8	M5800JID	Job id
1122	(462)	CHARACTER	12		
1134	(46E)	CHARACTER	13	M5800QNM	Queue name
1147	(47B)	CHARACTER	10		
1157	(485)	CHARACTER	13	M5800FCN	MDSSRS function
1157	(485)	X'492'	0	M5800END	"*"
1157	(485)	X'4E'	0	MSG5800L	"M5800END-M5800ST"
1170	(492)	CHARACTER	13	M5800ERR	
1183	(49F)	CHARACTER	13	M5800BRK	
1196	(4AC)	CHARACTER	13	M5800SS	
1209	(4B9)	CHARACTER	13	M5800SV	
1222	(4C6)	CHARACTER	13	M5800SF	

Comment

Equates

End of Comment

1222	(4C6)	X'2'	0	SRSWTFCT	"2" The weighting factor for the MDSSRS FCT (used in determining the number of MDS subtasks that may be attached)
1222	(4C6)	X'5'	0	SRSINMBR	"5" Initial number of MDS subtasks to attach
1222	(4C6)	X'A'	0	SRSMAXAT	"10" The maximum number of MDS subtasks that may be attached

Comment

---------- 0

DM420 Reason Codes 0

---------- 0

End of Comment

1222	(4C6)	X'1'	0	SRSMTAFL	"1" Master Task Attach Failure 0108
1222	(4C6)	X'2'	0	SRSINMPC	"2" Sub Task Attach Failure 0108
1222	(4C6)	X'3'	0	SRSSTAFL	"3" Invalid MPC Pointer 0108
1222	(4C6)	X'4'	0	SRSINMCT	"4" Invalid MCT Pointer 0231
1222	(4C6)	X'5'	0	SRSINSAR	"5" Invalid SAR Pointer 0108
1222	(4C6)	X'6'	0	SRSINSCH	"6" Invalid SCHRL Pointer 0108
1222	(4C6)	X'7'	0	SRSINRQ	"7" Invalid RQ Pointer 0108
1222	(4C6)	X'8'	0	SRSNLSHR	"8" IATMDRL found the end of a SCHRE chain without finding the last SCHRE in a group

Comment

The MDSSRS DSP references various amounts of time, given below. The numbers appearing in the expressions are as follows:

- The first factor = the number of minutes desired
- The second factor = 60 = the number of seconds in one minute
- The third and fourth factors are a result of bit position 31 of the clock being incremented once every 1.048576 seconds (see STORE CLOCK instruction)

The expressions are used in determining amounts of time that has elapsed. Results will be sufficiently accurate for our purposes.

End of Comment

IATYSRS Cross Reference

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1222	(4C6)	X'35A'	0	SRSATMIN	"15*60*1000000/1048576" The minimum amount of time that must elapse in order to change the number of additional MDS subtasks that may be attached (= 15 minutes)
1222	(4C6)	X'6B4'	0	SRSDTMIN	"30*60*1000000/1048576" The minimum amount of time used in determining whether to detach any MDS subtasks (= 30 minutes)
1222	(4C6)	X'6B4'	0	SRSUSMIN	"30*60*1000000/1048576" The minimum amount of time used in determining whether an MDS subtask finished its work recently (= 30 minutes)
1236	(4D4)	SIGNED	4	SRSEND (0)	End of MDSSRS Data Area
1236	(4D4)	X'4D4'	0	SRSSIZE	"SRSEND-SRSSTART" Size of MDSSRS Data Area

IATYSRS Cross Reference

Name

IATYSRS
IAT5010
IAT5011
IAT5012
IAT5014
IAT5015
IAT5016
IAT5018
IAT5800S
MSG5010
MSG5010L
MSG5011
MSG5011L
MSG5012
MSG5012L
MSG5014
MSG5014L
MSG5015
MSG5016
MSG5016L
MSG5018
MSG5018L
MSG5800L
MSG5800S
M5010END
M5010ST
M5011CI
M5011END
M5011FNC
M5011JID
M5011JNM
M5011SET
M5011ST
M5012END
M5012ST
M5014END
M5014JID
M5014JNM
M5014ST
M5015END

Name

M5015JID
M5015JNM
M5015ST
M5016CHN
M5016END
M5016MCT
M5016RQ
M5016ST
M5018END
M5018JID
M5018JNM
M5018ST
M5800BRK
M5800END
M5800ERR
M5800FCN
M5800JID
M5800JNM
M5800QNM
M5800SF
M5800SS
M5800ST
M5800SV
SRSABASE
SRSATMIN
SRSATMW1
SRSATRSD
SRSATTCT
SRSATTIM
SRSAVJNS
SRSBEFOR
SRSBEGIN
SRSCHSAR
SRSCNRST
SRSCTMW1
SRSCURRQ
SRSCURTM
SRSDCHN
SRSDETTM
SRSDONE
SRSDTMIN
SRSDTMW1
SRSECF
SRSECFA1
SRSECFA2
SRSECFM1
SRSECFM2
SRSECF01
SRSECF02
SRSECF04
SRSECLST
SRSEND
SRSENDG
SRSFCT
SRSFLG1
SRSFLG2
SRSFLG3
SRSFLRSD
SRSFL101
SRSFL102

Name

SRSFL104
SRSFL108
SRSFL301
SRSFL302
SRSFL304
SRSFL308
SRSFL310
SRSFL320
SRSFL340
SRSFL380
SRSFRALL
SRSFREE
SRSFRSAR
SRSGRP
SRSID
SRSINMBR
SRSINMCT
SRSINMPC
SRSINRQ
SRSINSAR
SRSINSCH
SRSJEST
SRSLINK1
SRSLINK2
SRSLSTTM
SRSMASK1
SRSMASK2
SRSMAXAT
SRSMCTCH
SRSMDAT
SRSMDPL
SRSMDRL
SRSMFOOT
SRSMF01
SRSMF02
SRSMMCT
SRSMSGLN
SRSMSGPL
SRSMSGTX
SRSMTAFL
SRSNLSHR
SRSNOTAP
SRSPOST
SRSPREPT
SRSPRSRL
SRSRQNDX
SRSRQPTR
SRSRQSCN
SRSRSVDD
SRSRTRYE
SRSSAR
SRSSARER
SRSSAVE
SRSSCHPL
SRSSELQ
SRSSIZE
SRSSRLER
SRSSSEL
SRSSTABN
SRSSTAFL

Name

SRSSTART
SRSSTAT
SRSSTCMP
SRSSVER
SRSSVRSD

SRSTEMP
SRSUSMIN
SRSVFYQ
SRSWKSAR
SRSWTFCT

SRSXDELY
SRS1ST

IATYSRT Information

IATYSRT Programming Interface information

Programming Interface information

IATYSRT

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

- SRTCTE
- SRTLPFQ
- SRTWPFQ

End of Programming Interface information

IATYSRT Heading Information

Common Name: RESIDENT SNARJP TABLE
Macro ID: IATYSRT
DSECT Name: IATYSRT, IATYCID
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: SRT
Offset: 0
Length: 4
Storage Attributes: Virtual Storage: Private any
Subpool: 0
Key: 1
Data Space: None
Residency: Any
Size: 128 Bytes
Created by: IATINGN
Pointed to by: SRJPSRT IN IATYTVT
Serialization: Queue header require COMPARE and SWAP logic
Function: This DSECT is to map the resident information necessary to control the SNARJP DSP. This table is built by initialization deck processing and is resident when SNARJP is defined. Information contained in this table is updated by the SNARJP DSP during it's execution.

IATYSRT Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYSRT	
0	(0)	CHARACTER	4	SRTCBID	CONTROL BLOCK ID
4	(4)	CHARACTER	8	SRTAPLID	APPLICATION ID FOR OPEN ACB
12	(C)	CHARACTER	8	SRTPSWD	PASSWORD FOR OPEN ACB
20	(14)	CHARACTER	8	SRTCTBN	DEFAULT CTAB NAME FOR ALL SNARJP
28	(1C)	ADDRESS	4	SRTCTE	ADDRESS OF FIRST CTE
32	(20)	ADDRESS	4	SRTCIDU	ADDRESS OF CID TO LCB TABLE
36	(24)	SIGNED	2	SRTCIDUC	NUMBER OF ENTRIES IN CID TO LCB TAB
		Comment			
		THE SIZE OF THE CID TO LCB TAB=SRTCIDUC CIDLEN			
		End of Comment			
38	(26)	SIGNED	2	SRTRESSV	RESERVED FOR SERVICE
		Comment			
		THIS IS INITIALIZED AT SNARJP CALL TIME			
		End of Comment			
40	(28)	ADDRESS	4	SRTSRDC	POINTER TO SNA RJP DATA CSECT
		Comment			
		THE FOLLOWING FIELDS ARE QUEUE HEADERS (ALSO CALLED ANCHORS) FOR THE SNA RJP WORK QUEUES AND ARE UPDATED AS NECESSARY.			
		End of Comment			
44	(2C)	ADDRESS	4	SRTOUTM	QUEUE HEADER OF LCB'S WHICH HAVE MESSAGES TO SEND TO REMOTE WS. (CONT. FIELD IS LCBOUTM)
48	(30)	ADDRESS	4	SRTMSG	QUEUE HEADER OF MESSAGES TO BE SENT TO LOCAL OPER CONSOLE (CONT. FIELD IS QMSCHN)

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
52	(34)	ADDRESS	4	SRTINCD	QUEUE HEADER OF LCB'S WHICH HAVE INBOUND CONSL. COMMANDS TO PROCESS (CONT. FIELD IS LCBINCD)
56	(38)	ADDRESS	4	SRTRDRS	QUEUE HEADER OF LCB'S WHICH NEED A CALL READER COMMAND INTERCOMMED (CONT. FIELD IS LCBRDRS)
60	(3C)	ADDRESS	4	SRTTERM	QUEUE HEADER OF LCB'S WHICH CLSDST PROCESSING TO BE DONE (CONT. FIELD IS LCBTERM)
64	(40)	ADDRESS	4	SRTRESET	QUEUE HEADER OF LCB'S WHICH RESET PROCESSING TO BE DONE (CONT. FIELD IS LCBRESET)
68	(44)	ADDRESS	4	SRTFRCB	QUEUE HEADER OF LCB'S WHICH NEED "REMOVE CONTROL BLOCKS" PROCESSING (CONT. FIELD IS LCBFRCB)
72	(48)	ADDRESS	4	SRTWSOPN	QUEUE HEADER OF LCB'S WHICH NEED WS OPEN ISSUED FOR CONSOLE OUT DVE (CONT. FIELD IS LCBWSOPN)
76	(4C)	ADDRESS	4	SRTWSCHN	QUEUE HEADER FOR CHAIN OF ALL WSBS (CONT. FIELD IS WSBWSCHN)
80	(50)	ADDRESS	4	SRTWSBWQ	Q OF WSB'S WAITING FOR RESOURCE CLEANUP BEFORE THE WSB CAN BE FREED. ALL WSB'S WHICH STILL HAVE DEVICES ALLOCATED TO DSP'S ARE PUT ON THIS QUEUE TO WAIT FOR THE PUTUNIT'S. ALSO, THE WSB'S FOR ALL WORKSTATIONS THAT ARE CANCELED IMMEDIATE ARE PLACED ON THIS QUEUE TO WAIT FOR ALL ACTIVE SESSIONS (LCBS'S) TO BE TERMINATED. (CONT. FIELD IS WSBWQ)
84	(54)	ADDRESS	4	SRTCMNDQ	CHAIN OF COMMANDS TO BE INTERCOMMED TO JES3 FROM DFC (CONT. FIELD IS CMDNXT)
88	(58)	ADDRESS	4	SRTLPFQ	LCB PENDING FREE QUEUE (CONT. FIELD IS LCBLPFQ)
92	(5C)	ADDRESS	4	SRTWPFQ	WSB PENDING FREE QUEUE (CONT. FIELD IS WSBWPFQ)

Comment

---END OF LIST OF QUEUE HEADERS---

End of Comment

96	(60)	BITSTRING	1	SRTFLG1	FLAG BYTE

Comment

DEFINITION OF SRTFLG1
THESE FLAGS SHOULD BE SET ONLY BY PROCESSING THAT RUNS UNDER THE IATNUC TASK. ALSO, THIS FLAG BYTE IS ALWAYS RESET TO ZERO WHEN SNARJP IS CALLED.

End of Comment

		1...		SRTCDLAY	"X'80'" CLSDST DELAY IS NEEDED
		.1..		SRTCWTNG	"X'40'" CLSDST IS BEING DELAYED
		..1.		SRTRMVTI	"X'20'" REMVCB TIME INTVL ACTIVE
97	(61)	BITSTRING	1	SRTRSVD1 (3)	RESERVED FOR DEVELOPMENT
104	(68)	DBL WORD	8	(0)	
104	(68)	ADDRESS	4	SRTSCDQ	QUEUE HEADER FOR LCB WHICH HAVE HAD A SIGNAL RECEIVED
108	(6C)	SIGNED	4	SRTRSVU1	RESERVED FOR USER
112	(70)	ADDRESS	4	SRTTRQ	SNA TRACE TABLE FREE QUEUE THIS QUEUE IS NOT MANAGED VIA IATXENQ,IATXDEQ
116	(74)	SIGNED	4	SRTRSVS1	RESERVED FOR SERVICE
120	(78)	SIGNED	4	SRTFECF	ECF FOR FAIL SNARJP

IATYSRT Cross Reference

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		1...		SRTFPOST	"X'80'" MASK FOR ABOVE
124	(7C)	SIGNED	4	SRTSUBTK	SAVE AREA FOR SUBTASK ADDR
128	(80)	SIGNED	4	(0)	END OF SRT
128	(80)	X'80'	0	SRTLEN	"*-IATYSRT" LENGTH OF SRT

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

Comment

IATYCID - - C O M M U N I C A T I O N I D T O L C B T A B
COMMUNICATIONS IDENTIFIER TO LUCB MAP TABLE ENTRY (SERIAL SEARCH)
ENTRIES ARE ADDED WHEN A OPEN DEST COMPLETES AND REMOVE AT THE
COMPLETION OF THE CLOSE DEST.

End of Comment

0	(0)	SIGNED	4	CIDNETA	LU CID
4	(4)	SIGNED	4	CIDLCBA	LCB MAPPED TO THIS COMMUNICATION ID
4	(4)	X'8'	0	CIDLEN	"*-IATYCID" LENGTH OF ENTRY IN IATYCID

IATYSRT Cross Reference

Name

CIDLCBA
CIDLEN
CIDNETA
IATYCID
IATYSRT

SRTAPLID
SRTCBID
SRTCDLAY
SRTCIDU
SRTCIDUC

SRTCMNDQ
SRTCTBN
SRTCTE
SRTCWTNG
SRTFECF

SRTFLG1
SRTFPOST
SRTFRCB
SRTINCD
SRTLEN

SRTLPFQ
SRTMSG
SRTOUTM
SRTPSWD
SRTRDRS

SRTRESET
SRTRESSV
SRTRMVTI
SRTRSVD1
SRTRSVS1

SRTRSVU1
SRTSCDQ
SRTSRDC
SRTSUBTK
SRTTERM

Name
SRTTRQ
SRTWPFQ
SRTWSBWQ
SRTWSCHN
SRTWSOPN

IATYSRVC Information

IATYSRVC Heading Information

Common Name: Service Class Table (SRVC)
Macro ID: IATYSRVC
DSECT Name: SRVC_START
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: WLM
Offset: 0
Length: 4
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 0
Size: SRVC_SIZE bytes
Created by: IATWLSCS
Pointed to by: WLM_SRVCFRST in IATYWLM
WLM_SRVCLAST in IATYWLM
SRVC_NEXT in IATYSRVC
Serialization: None
Function: This macro maps the information associated with each service class known to JES3.

IATYSRVC Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SRVC_START	, Service Class Table
0	(0)	CHARACTER	4	SRVC_ID	Control Block Id
4	(4)	ADDRESS	4	SRVC_NEXT	Address of next Service Class Table
8	(8)	CHARACTER	16	SRVC_QTOKEN (0)	Service class queue token used for registration. It consists of the JESXCF group name plus the service class name.
8	(8)	CHARACTER	8	SRVC_JESXCFGN	JESXCF group name
16	(10)	CHARACTER	8	SRVC_NAME	Service class name
24	(18)	SIGNED	4	SRVC_INDEX	Service class matrix index
28	(1C)	SIGNED	4	SRVC_EXEC	Count of jobs in execution
32	(20)	BITSTRING	4	SRVC_RSVD1	Reserved for IBM
				Comment	
				Registration/Deregistration information.	
				End of Comment	
36	(24)	BITSTRING	8	SRVC_REGCODES (0)	IWMBREG return and reason code information
36	(24)	SIGNED	4	SRVC_REGRETC	Return code from IWMBREG
40	(28)	SIGNED	4	SRVC_REGRESN	Reason code from IWMBREG
44	(2C)	SIGNED	4	SRVC_RSVD2	Reserved for IBM
				Comment	
				Time stamps.	
				End of Comment	
48	(30)	DBL WORD	8	SRVC_CREATIME	Time stamp when the Service Class Table was created
56	(38)	DBL WORD	8	SRVC_REGTIME	Time stamp when the Service Class Table was last registered
64	(40)	DBL WORD	8	SRVC_EMTYTIME	Time stamp when there were no jobs found referencing the service class

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				Queue pointers.	
				End of Comment	
72	(48)	ADDRESS	4	SRVC_QFIRST	Address of first RQ on the service class queue
76	(4C)	ADDRESS	4	SRVC_QLAST	Address of last RQ on the service class queue
				Comment	
				Main masks.	
				End of Comment	
80	(50)	SIGNED	4	SRVC_NINTMMSK	Main mask of systems where there are no initiators started for this service class
84	(54)	SIGNED	4	SRVC_BRIPMMSK	Main mask of systems to be included in the IWMBRIP request that will be used to start initiators
88	(58)	SIGNED	4	SRVC_CONSMMSK	Main mask of systems which are constrained
				Comment	
				Sampling information --- SYSPLEX wide sampling information for this service class. ---	
				End of Comment	
92	(5C)	BITSTRING	1	SRVC_PVSYSPLX	
				Comment	
				SYSPLEX wide sampling information for the previous sampling interval	
				End of Comment	
104	(68)	BITSTRING	1	SRVC_CRSYSPLX	
				Comment	
				SYSPLEX wide sampling information for the current sampling interval	
				End of Comment	
104	(68)	X'68'	0	SRVC_CRPLXELG	"SRVC_CRSYSPLX+(WBQS_SYSPLEX_SC_ELIG-WBQS_SYSPLEX_SC"
				Comment	
				SYSPLEX eligible count for the current sampling interval	
				End of Comment	
0	(0)	X'6C'	0	SRVC_CRPLXINE	"SRVC_CRSYSPLX+(WBQS_SYSPLEX_SC_INELIG-WBQS_SYSPLEX_"

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				SYSPLEX ineligible count for the current sampling interval	
				End of Comment	
0	(0)	X'70'	0	SRVC_CRPLXLMT	"SRVC_CRSYSPLX+(WBQS_SYSPLEX_SC_LIMITED-WBQS_SYS
				Comment	
				SYSPLEX limited count for the current sampling interval	
				System specific sampling information for this service class.	
				End of Comment	
116	(74)	BITSTRING	384	SRVC_PVSYSTEM	System specific sampling information for the previous sampling interval
500	(1F4)	BITSTRING	1	SRVC_CRSYSTEM	System specific sampling information for the current sampling interval
				Comment	
				Job queue statistics for current sampling interval.	
				End of Comment	
884	(374)	SIGNED	4	SRVC_JQSTATS (0)	Sampling statistics
884	(374)	SIGNED	4	SRVC_MSWCOUNT	Number of jobs waiting to be scheduled for main service
888	(378)	SIGNED	4	SRVC_MDSCOUNT	Number of jobs in MDS
892	(37C)	SIGNED	4	SRVC_GMSCOUNT	Number of jobs in GMS select
				Comment	
				GMS select queue detailed statistics.	
				End of Comment	
896	(380)	SIGNED	4	SRVC_MNCOFFCT	Number of jobs ineligible because main is not connected or is offline
900	(384)	SIGNED	4	SRVC_GRPDISCT	Number of jobs ineligible because the group is disabled
904	(388)	SIGNED	4	SRVC_JOBHLDCT	Number of jobs ineligible because it is in operator hold
908	(38C)	SIGNED	4	SRVC_CLSDISCT	Number of jobs ineligible because the class is disabled
912	(390)	SIGNED	4	SRVC_SCHENVCT	Number of jobs ineligible because the scheduling environment is not available or undefined
916	(394)	SIGNED	4	SRVC_MSPARTCT	Number of jobs ineligible because a marginal spool space condition exists
920	(398)	SIGNED	4	SRVC_TDEPTHCT	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
					Number of jobs ineligible because the TDEPTH has been reached
924	(39C)	SIGNED	4	SRVC_TLIMITCT	
					Number of jobs ineligible because the TLIMIT has been reached
928	(3A0)	SIGNED	4	SRVC_MDEPTHCT	
					Number of jobs ineligible because the MDEPTH has been reached
932	(3A4)	SIGNED	4	SRVC_MLIMITCT	
					Number of jobs ineligible because the MLIMIT has been reached
932	(3A4)	X'34'	0	SRVC_JQSSIZE	"*-SRVC_JQSTATS" Size of statistics
				Comment	
					Flags

					Definition of SRVC_FLAG1

				End of Comment	
936	(3A8)	BITSTRING	1	SRVC_FLAG1	Flag one
		1...		SRVC_REGOK	"X'80'" Registration successful for this service class
		.1..		SRVC_REGUNDEF	
					"X'40'" Registration failed because the service class is undefined in the current WLM policy
		..1.		SRVC_REGERR	"X'20'" Registration failed for this service class for some reason other than the service class being undefined in the WLM policy.
		...1		SRVC_CREAJOBQ	
					"X'10'" Service Class Table was created when IATXSRVC ADD_JOB_TO_QUEUE request was issued
		.... 1...		SRVC_DREGERR	"X'08'" Deregistration failed for this service class
		.... .1..		SRVC_SAMPDATA	
					"X'04'" This service class appeared in the sampling data. This flag is set only on local processors when sampling data is received from the global for a service class
		.... ..1.		SRVC_DUMMY	"X'02'" This is a dummy service class
		1		SRVC_REGERMSG	
					"X'01'" Registration error message was issued
				Comment	

					Definition of SRVC_FLAG2

				End of Comment	
937	(3A9)	BITSTRING	1	SRVC_FLAG2	Flag two
		1...		SRVC_FLRS280	"X'80'" Reserved flag
		.1..		SRVC_FLRS240	"X'40'" Reserved flag
		..1.		SRVC_FLRS220	"X'20'" Reserved flag
		...1		SRVC_FLRS210	"X'10'" Reserved flag
		.... 1...		SRVC_FLRS208	"X'08'" Reserved flag
		.... .1..		SRVC_FLRS204	"X'04'" Reserved flag
		.... ..1.		SRVC_FLRS202	"X'02'" Reserved flag
		1		SRVC_FLRS201	"X'01'" Reserved flag
938	(3AA)	BITSTRING	2	SRVC_RSVD3	Reserved for IBM
				Comment	
					End of the SRVC.
				End of Comment	
944	(3B0)	DBL WORD	8	SRVC_END (0)	End of SRVC

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
944	(3B0)	X'3B0'	0	SRVC_SIZE	"SRVC_END-SRVC_START" Size of SRVC
				Comment	
				Miscellaneous Equates.	
				End of Comment	
944	(3B0)	X'100'	0	SRVC_MAXCNT	"256" Maximum number of service classes
944	(3B0)	X'3C'	0	SRVC_DREGMIN	"60" Number of minutes that a service class must not be in use before it can be deregistered
944	(3B0)	X'D69'	0	SRVC_DREGTIME	"SRVC_DREGMIN*60*100000/104857" Dregistration time in clock units

IATYSRVC Cross Reference

Name

SRVC_BRIPMMSK

SRVC_CLSDISCT

SRVC_CONSMMSK

SRVC_CREAJOBQ

SRVC_CREATIME

SRVC_CRPLXELG

SRVC_CRPLXINE

SRVC_CRPLXLMT

SRVC_CRSYSPLX

SRVC_CRSYSTEM

SRVC_DREGERR
SRVC_DREGMIN
SRVC_DREGTIME

SRVC_DUMMY

SRVC_EMTYTIME

SRVC_END
SRVC_EXEC
SRVC_FLAG1

SRVC_FLAG2
SRVC_FLRS201
SRVC_FLRS202
SRVC_FLRS204
SRVC_FLRS208

SRVC_FLRS210
SRVC_FLRS220
SRVC_FLRS240
SRVC_FLRS280
SRVC_GMSCOUNT

Name

SRVC_GRPDISCT

SRVC_ID
SRVC_INDEX
SRVC_JESXCFGN

SRVC_JOBHLDCT

SRVC_JQSSIZE

SRVC_JQSTATS
SRVC_MAXCNT
SRVC_MDEPTHCT

SRVC_MDSCOUNT

SRVC_MLIMITCT

SRVC_MNCOFFCT

SRVC_MSPARTCT

SRVC_MSWCOUNT

SRVC_NAME

SRVC_NEXT
SRVC_NINTMMSK

SRVC_PVSYSPLX

SRVC_PVSYSTEM

SRVC_QFIRST
SRVC_QLAST
SRVC_QTOKEN
SRVC_REGCODES

SRVC_REGERMSG

SRVC_REGERR

SRVC_REGOK
SRVC_REGRESN
SRVC_REGRETC
SRVC_REGTIME
SRVC_REGUNDEF

SRVC_RSVD1
SRVC_RSVD2
SRVC_RSVD3
SRVC_SAMPDATA

SRVC_SCHENVCT

SRVC_SIZE
SRVC_START
SRVC_TDEPTHCT

SRVC_TLIMITCT

IATYSSBS Information

IATYSSBS Heading Information

Common Name: Subsystem Begin Step data area
Macro ID: IATYSSBS
DSECT Name: SSBSSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Auxiliary Storage: N/A
Subpool: 0
Size: SSBSSIZE
Created by: IATSIBS
Pointed to by: Staging area sent from IATSIBS
Overlays AWAOBUF area in IATYAWA
Serialization: NONE
Function: This data area maps the communication area for the Begin Step Susbsystem Interface call.

IATYSSBS Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SSBSTART	
0	(0)	SIGNED	2	SSBSLNG	Length of area
2	(2)	SIGNED	2	SSBSJNMC	Compatible job number, related to SSBSJNUM
4	(4)	BITSTRING	1	SSBSSNO	Step number
5	(5)	BITSTRING	1	SSBFLAG	Flag byte
		1...		SSBNOCAN	"X'80'" MVS non-cancellable
		.1..		SSBEXTPR	"X'40'" An extension is present
		..1.		SSBFLR20	"X'20'" Reserved for IBM
		...1		SSBFLR10	"X'10'" Reserved for IBM
		.... 1...		SSBFLR08	"X'08'" Reserved for IBM
		.... .1..		SSBFLR04	"X'04'" Reserved for IBM
		.... ..1.		SSBFLR02	"X'02'" Reserved for IBM
		1		SSBFLR01	"X'01'" Reserved for IBM
6	(6)	CHARACTER	8	SSBSJNAM	Job name
14	(E)	CHARACTER	8	SSBSSNM	Step name
22	(16)	CHARACTER	8	SSBSPSN	Procedure step name
22	(16)	X'1E'	0	SSBSBASL	"*-SSBSTART" Base size without extension
		Comment			

		SSBS Extension.			

		End of Comment			
30	(1E)	ADDRESS	1	SSBSVER	Version number
		1		SSBSVR01	"X'01'" Version number 1
30	(1E)	X'1'	0	SSBSCVER	"SSBSVR01" Current version
31	(1F)	ADDRESS	3	SSBSRSV1	Reserved for IBM
34	(22)	BITSTRING	4	SSBSJNUM	Extended job number
40	(28)	SIGNED	4	SSBSRSV2	Reserved for IBM
44	(2C)	SIGNED	4	SSBSRSV3	Reserved for IBM
48	(30)	SIGNED	4	SSBSRSV4	Reserved for IBM
52	(34)	SIGNED	4	SSBSRSV5	Reserved for IBM

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

				IEAMSCHD Parameter List.	

				End of Comment	
0	(0)	X'0'	0	M00M0002	"SIBSMSCH" ++ IEAMSCHD NAME
0	(0)	DBL WORD	8	SIBSMSCH (0)	++ IEAMSCHD PARM LIST
0	(0)	BITSTRING	1	SIBSMSCH_XVERSION	++ INPUT XVERSION
1	(1)	BITSTRING	1	SIBSMSCH_XFLAG1	++ FIELD_LABEL
		.... 1...		SIBSMSCH_XENV_STOKEN	"B'00001000'" ++ XENV.STOKEN KEYWORD
		.... .1..		SIBSMSCH_XENV_FULLXM	"B'00000100'" ++ XENV.FULLXM KEYWORD
		.... ..1.		SIBSMSCH_XENV_PRIMARY	"B'00000010'" ++ XENV.PRIMARY KEYWORD
		1		SIBSMSCH_XENV_HOME	"B'00000001'" ++ XENV.HOME KEYWORD
2	(2)	BITSTRING	1	SIBSMSCH_XFLAG2	++ FIELD_LABEL
		.1..		SIBSMSCH_KEYUSED_SRBIDTOKEN	"B'01000000'" ++ KEYUSED.SRBIDTOKEN KEYWORD
		..1.		SIBSMSCH_KEYUSED_DUALPOOLTOKEN	"B'00100000'" ++ KEYUSED.DUALPOOLTOKEN KEYWORD
		...1		SIBSMSCH_XSYNCH_YES	"B'00010000'" ++ XSYNCH.YES KEYWORD
		.... 1...		SIBSMSCH_KEYUSED_KEYVALUE	"B'00001000'" ++ KEYUSED.KEYVALUE KEYWORD
		.... .1..		SIBSMSCH_XLLOCK_YES	"B'00000100'" ++ XLLOCK.YES KEYWORD
		.... ..1.		SIBSMSCH_XFEATURE_CPMASK	"B'00000010'" ++ XFEATURE.CPMASK KEYWORD
		1		SIBSMSCH_XFEATURE_CRYPTO	"B'00000001'" ++ XFEATURE.CRYPTO KEYWORD
3	(3)	BITSTRING	1	SIBSMSCH_XFLAG3	++ FIELD_LABEL
		..1.		SIBSMSCH_XPRIORITY_CLIENT	"B'00100000'" ++ XPRIORITY.CLIENT KEYWORD
		...1		SIBSMSCH_XPRIORITY_ENCLAVE	"B'00010000'" ++ XPRIORITY.ENCLAVE KEYWORD
		.... 1...		SIBSMSCH_XPRIORITY_PREEMPT	"B'00001000'" ++ XPRIORITY.PREEMPT KEYWORD
		.... .1..		SIBSMSCH_XPRIORITY_CURRENT	"B'00000100'" ++ XPRIORITY.CURRENT KEYWORD
		.... ..1.		SIBSMSCH_XPRIORITY_GLOBAL	"B'00000010'" ++ XPRIORITY.GLOBAL KEYWORD
		1		SIBSMSCH_XPRIORITY_LOCAL	"B'00000001'" ++ XPRIORITY.LOCAL KEYWORD
4	(4)	ADDRESS	4	SIBSMSCH_XEPADDR	++
8	(8)	BITSTRING	8	SIBSMSCH_XTARGETSTOKEN	++
16	(10)	CHARACTER	8	SIBSMSCH_XENCLAVETOKEN	++
24	(18)	BITSTRING	1	SIBSMSCH_XMINORPRIORITY	++
25	(19)	BITSTRING	1	SIBSMSCH_XKEYVALUE	++
26	(1A)	BITSTRING	2	SIBSMSCH_XCPUMASK	++

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
28	(1C)	SIGNED	4	SIBSMSCH_XPARM	
					++
32	(20)	ADDRESS	4	SIBSMSCH_XFRRADDR	
					++
36	(24)	ADDRESS	4	SIBSMSCH_XRMTRADDR	
					++
40	(28)	BITSTRING	8	SIBSMSCH_XPURGESTOKEN	
					++
48	(30)	ADDRESS	4	SIBSMSCH_XPTCBADDR	
					++
52	(34)	BITSTRING	8	SIBSMSCH_XCLIENTSTOKEN	
					++
52	(34)	X'3C'	0	SIBSMSCH_PL_END	
					"*" ++ END OF BASE PLIST
32	(20)	CHARACTER	3	SIBSMSCH_XRSV0001	
					++ RESERVED
35	(23)	BITSTRING	1	SIBSMSCH_XFRRFLAG	
					++ FIELD_LABEL
		1		SIBSMSCH_XSDWALOC31_YES	
					"B'00000001'" ++ XSDWALOC31.YES KEYWORD
60	(3C)	X'3C'	0	SIBSMSCHL	"*-SIBSMSCH" ++ LENGTH OF PLIST

Comment

IEAMSCHD-4

End of data area.

End of Comment

60	(3C)	X'3C'	0	SSBSEND	"*" End of SSBS
60	(3C)	X'3C'	0	SSBSSIZE	"SSBSEND-SSBSTART" Size of SSBS
60	(3C)	BITSTRING	1	(0)	Make sure data area does not exceed size of AWA output buffer

Comment

IATYSSBS PREVIOUSLY GENERATED

End of Comment

IATYSSBS Cross Reference

Name

M00M0002
SIBSMSCH
SIBSMSCH_KEYUSED_DUALPOOLTOKEN

SIBSMSCH_KEYUSED_KEYVALUE

SIBSMSCH_KEYUSED_SRBIDTOKEN

SIBSMSCH_PL_END

SIBSMSCH_XCLIENTSTOKEN

SIBSMSCH_XCPUMASK

SIBSMSCH_XENCLAVETOKEN

Name

SIBSMSCH_XENV_FULLXM

SIBSMSCH_XENV_HOME

SIBSMSCH_XENV_PRIMARY

SIBSMSCH_XENV_STOKEN

SIBSMSCH_XEPADDR

SIBSMSCH_XFEATURE_CPMASK

SIBSMSCH_XFEATURE_CRYPTO

SIBSMSCH_XFLAG1

SIBSMSCH_XFLAG2

SIBSMSCH_XFLAG3

SIBSMSCH_XFRRADDR

SIBSMSCH_XFRRFLAG

SIBSMSCH_XKEYVALUE

SIBSMSCH_XLLOCK_YES

SIBSMSCH_XMINORPRIORITY

SIBSMSCH_XPARM

SIBSMSCH_XPRIORITY_CLIENT

SIBSMSCH_XPRIORITY_CURRENT

SIBSMSCH_XPRIORITY_ENCLAVE

SIBSMSCH_XPRIORITY_GLOBAL

SIBSMSCH_XPRIORITY_LOCAL

SIBSMSCH_XPRIORITY_PREEMPT

SIBSMSCH_XPTCBADDR

SIBSMSCH_XPURGESTOKEN

SIBSMSCH_XRMTRADDR

SIBSMSCH_XRSV0001

SIBSMSCH_XSDWALOC31_YES

SIBSMSCH_XSYNCH_YES

SIBSMSCH_XTARGETSTOKEN

SIBSMSCH_XVERSION

Name

SIBSMSCHL
SSBEXTPR
SSBFLAG
SSBFLR01
SSBFLR02
SSBFLR04
SSBFLR08
SSBFLR10
SSBFLR20
SSBNOCAN
SSBSBASL
SSBSCVER
SSBSEND
SSBSJNAM
SSBSJNMC
SSBSJNUM
SSBSLNG
SSBSPSN
SSBSRSV1
SSBSRSV2
SSBSRSV3
SSBSRSV4
SSBSRSV5
SSBSSIZE
SSBSSNM
SSBSSNO
SSBSTART
SSBSVER
SSBSVR01

IATYSSCX Information

IATYSSCX Programming Interface information

Programming Interface information

IATYSSCX

End of Programming Interface information

IATYSSCX Heading Information

Common Name: Staging Area and Service Entrance List Common Section Mapping
Macro ID: IATYSSCX
DSECT Name: None
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes:
Size: &PRE.SECL
Created by: Creators of IATYSEL and IATYSTA
Pointed to by: N/A
Serialization: None
Function: Generates a set of fields which are common to both the staging area (IATYSTA) and the Service Entrance list (IATYSEL).

IATYSSCX Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dec)	Description
0	(0)	STRUCTURE	0		
0	(0)	SIGNED	4	STASEC (0)	Beginning of common section
0	(0)	SIGNED	4	STAFSID (0)	Functional Subsystem ID
0	(0)	SIGNED	2	STAFSSID	FSS portion of FSID
2	(2)	SIGNED	2	STAFSAID	FSA portion OF FSID
4	(4)	BITSTRING	1	STATYPE	Request type
		Comment			

		SEL/STAR Request Types			

		End of Comment			
		1...		STAWAIT	"X'80'" Wait request
		.1..		STAREPLY	"X'40'" Reply request
		..1.		STACOMM	"X'20'" Communication request
		...1		STAACK	"X'10'" Acknowledgement request
		.... 1...		STARESP	"X'08'" Response request
		.... .1..		STAPURG	"X'04'" Purge request
		.... ..1.		STAEOMT	"X'02'" EOM/T request
5	(5)	BITSTRING	1	STAFUNC	SSOB or DEST code
6	(6)	BITSTRING	1	STAMOD	Request Modification number
7	(7)	BITSTRING	1	STAREID	Receiving system ID (MPSYSID)
8	(8)	BITSTRING	1	STASEID	Sending system ID (SVTSYSID)
9	(9)	BITSTRING	1	STAPRTY	Priority
10	(A)	BITSTRING	1	STAXRSD1 (2)	Reserved for Development
12	(C)	SIGNED	4	STAXRSD2	Reserved for Development
16	(10)	SIGNED	4	STAXRSS	Reserved for Service
20	(14)	SIGNED	4	STAFLAGA (0)	SEL/Staging area Flags
20	(14)	BITSTRING	1	STAFLAG1	Flag Byte 1
		Comment			

		Definition of flags in SEL/STAR Flag byte #1			

		End of Comment			
		1...		STATJES3	"X'80'" Request is sent to JES3
		.1..		STAJES3	"X'40'" Requestor is JES3
		..1.		STATINDP	"X'20'" Request is task-independent 04067SLA
21	(15)	BITSTRING	1	STAFLAG2	Flag byte 2

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- Definition of flags in SEL/STAR Flag byte #2 ----------	
				End of Comment	
		..1.		STAGCC	"X'20'" GC Function Complete
22	(16)	BITSTRING	1	STASECL (0)	Section length

IATYSSCX Cross Reference

Name

STAACK
STACOMM
STAEOMT
STAFLAGA
STAFLAG1
STAFLAG2
STAFSAID
STAFSID
STAFSSID
STAFUNC
STAGCC
STAJES3
STAMOD
STAPRTY
STAPURG
STAREID
STAREPLY
STARESP
STASEC
STASECL
STASEID
STATINDP
STATJES3
STATYPE
STAWAIT
STAXRSD1
STAXRSD2
STAXRSS

IATYSSIA Information

IATYSSIA Heading Information

Common Name: SSI Activity Table
Macro ID: IATYSSIA
DSECT Name: SSIATABL, SIAFNTRY, ADMTBDM
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: 'SSIA'
Offset: 0
Length: 4
Storage Attributes: Auxiliary Storage: N/A
Subpool: N/A
Key: N/A
Residency: N/A
Size: SIACTSIZ
Created by: IATINM3
Pointed to by: N/A
Serialization: NONE
Function: This macro defines the subsystem activity tables that are set when a user adress space issues an SSISERV for a particular activity. Activities are examined by:
- The JES3 SDUMPX exit IATABTDX, to determine any and all address spaces waiting in an SSI activity, so that it can decide whether JES3, JES3AUX, and/or JESXCF should be included in a dump.
- RMF, to track SSI activity.

Whenever an SSISERV request is made with the TYPE=WAIT or TYPE=REPLY parameter, the caller issues an IATXSIAF request. IATSIAF services the request and sets an activity count within the MEM and an activity flag (within the JSAB) serially, provided that the SSISERV is one whose activity is being tracked.
IATYSSIA contains the table of tracked SSI activities. Each table entry contains the following things:
- A destination code or a subsystem interface function code.
- An offset to a function-specific, fullword counter in the MEM header for the address space for the given function code.
- A mask representing the activity, to be set in an activity flag byte within one of the JSABJSTA status bytes.
- An offset to a flag byte field from JSABJSTA in which the unique activity mask gets set.

The internal macro IATYSIAE creates the instance for each entry.
IATYSSIA also contains the mapping DSECT SIAFNTRY to define the structure of a table entry, the mapping of the DSECT ADMENTRY to define the structure of a dest/mod matrix entry, and the internal macro IATYSIAE to define a table entry.

IATYSSIA Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	SSIASTRT	
0	(0)	CHARACTER	4	SSIAIXEY	Eyecatcher
4	(4)	BITSTRING	2	SSIAINDX (0)	Index matrix
4	(4)	X'2'	0	SSIAIDXL	"L'SSIAINDX" Length of one index element

IATYSSIA Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
4	(4)	X'1'	0	SIAFIXDM	"1" Dummy offset, indicates that the destination+modifier matrix must be scanned
516	(204)	CHARACTER	8	IATYSSIE	Dest/Mod table eyecatcher
524	(20C)	BITSTRING	0	SSIADSTM (0)	Dest/Mod table
544	(220)	CHARACTER	8	SIAFEYE	Activity table eyecatcher
552	(228)	SIGNED	4	IFUNLIST (0)	Function list start

Comment

Define activity for PSO.

Define activity for CANCEL.

End of Comment

Comment

Define activity for STATUS (classic).

End of Comment

Comment

Define activity for validate destination.

End of Comment

Comment

Define activity for job select.

Define activity for job termination.

Define activity for job re-enqueue.

Define activity for notify user.

Define activity for SAPI.

Define activity for extended status.

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Define activity for JES Properties - classes.			
		Define activity for JES Properties - nodes.			
		Define activity for JES Properties - spool.			
		Define activity for JES Properties - initiators.			
		Define activity for JES Properties - JESPLEX.			
		Define activity for WTO.			
		Define activity for ENDREQ.			
		Define activity for JDS Access.			
		Define activity for DYNAL FCT request.			
		Define activity for TCPIP NJE global service.			
		Define activity for WTR FSS request.			
		Define activity for FSS CI driver.			
		Define activity for SETUP FCT request.			
		Define activity for SJF services.			
		Define activity for JES Device Information			
		Define activity for change DD name via dynamic allocation.			
		Define activity for allocation via SSOBDYCD.			
		Define activity for change ENQ use attribute.			
		Define activity for change DD name.			

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Define activity for spool wait. 18119TAC			
		Reserved for IBM - no modifier code.			
		Reserved for IBM - no modifier code.			
		Reserved for IBM - has modifier code.			
		End of Comment			
		Comment			
		Reserved for IBM - has modifier code.			
		End of Comment			
		Comment			
		End of table.			
		End of Comment			
552	(228)	SIGNED	4		Dummy end entry (SIAFENDM)
556	(22C)	SIGNED	4	SIAENDTB (0)	End of table storage
556	(22C)	X'22C'	0	SIACTSIZ	"SIAENDTB-SSIASTRT" Table size
556	(22C)	X'5'	0	SIAFMDMX	"5" Total entries with MOD=

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SIAFNTRY	
0	(0)	SIGNED	4	SIAFENDM (0)	End marker (all FFs)
0	(0)	CHARACTER	8	SIAFENEY	Eyecatcher for the entry
8	(8)	SIGNED	2	SIAFCNTO	Counter offset into the MEM header
10	(A)	BITSTRING	1	SIAFFLOF	Offset of the status flag from the start of the JSAB
11	(B)	BITSTRING	1	SIAFMASK	OR mask to set the flag in the JSAB
12	(C)	CHARACTER	1	SIAFEND (0)	End of entry
12	(C)	X'C'	0	SIAFESIZ	"SIAFEND-SIAFNTRY" Size of entry

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	ADMENTRY	
0	(0)	ADDRESS	2	ADMDESTM (0)	Destination code+Modifier
0	(0)	ADDRESS	1	ADMDEST	Destination code
1	(1)	ADDRESS	1	ADMMOD	Modifier code
2	(2)	ADDRESS	2	ADMOFF	Offset of the SIAFNTRY table entry for this DEST/MOD
4	(4)	CHARACTER	1	ADMENEND (0)	DEST/MOD entry end
4	(4)	X'4'	0	ADMDESIZ	"ADMENEND-ADMENTRY" DEST/MOD entry size
4	(4)	X'14'	0	ADMTSIZE	"ADMDESIZ*SIAFMDMX" Total DEST/MOD table size

IATYSSIA Cross Reference

Name

ADMDESIZ
ADMDEST
ADMDESTM
ADMENEND
ADMENTRY

ADMMOD
ADMOFF
ADMTSIZE
IATYSSIE
IFUNLIST

SIACTSIZ
SIAENDTB
SIAFCNTO
SIAFEND
SIAFENDM

SIAFENEY
SIAFESIZ
SIAFEYE
SIAFFLOF
SIAFIXDM

SIAFMASK
SIAFMDMX
SIAFNTRY
SSIADSTM
SSIAIDXL

SSIAINDX
SSIAIXEY
SSIASTRT

IATYSST Information

IATYSST Heading Information

Common Name: Security Subtask Control Table
Macro ID: IATYSST
DSECT Name: SSTSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: SST
Offset: 0
Length: 4
Storage Attributes: Main Storage: JES3 Private
Auxiliary Storage: N/A
Size: 84 Bytes
Created by: IATGRSS
Pointed to by: TVTXSST in the TVT Fixed Extension
Serialization: Compare and swap must be used when adding SSWE queue entries to the subtask work-to-do queue (SSTWK2DO) and the work-complete-queue (pointed to by SSWEWCMP)
Function: This control block maps queue headers and dynamic storage for the General Security Subtask (IATGRSS).

IATYSST Map

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SSTSTART	, Security Subtask Control Table
0	(0)	CHARACTER	4	SSTID	Control Block Id
4	(4)	SIGNED	4	SSTECB	Subtask ECB
8	(8)	SIGNED	4	SSTPECB	Subtask PURGE ECB
12	(C)	ADDRESS	4	SSTTVT	Transfer Vector Table (TVT) address
Comment					
Work Queue Pointers					
End of Comment					
16	(10)	ADDRESS	4	SSTWK2DO	Work-to-Do Queue. This is a single headed, single threaded push down stack serialized by compare and swap. Queue elements are added to this queue by the requesting function.
20	(14)	ADDRESS	4	SSTWKIPR	Work-in-Progress Queue header. This is a double headed, double threaded LIFO queue. The entire Work-to-Do Queue (except for "purge" queue elements) is moved here by the security subtask when posted for work.
24	(18)	ADDRESS	4	SSTWKIPB	Work-in-Progress Queue footer. This points to the last element on the Work-in-Progress Queue.
28	(1C)	ADDRESS	4	SSTSNALG	SNARJP Logon processing work complete queue. This is the Work-Complete Queue pointed to by SSWEWCMP for SNARJP work. It is a single headed, single threaded push down stack serialized by compare and swap.
32	(20)	ADDRESS	4	SSTSNALF	SNARJP Logon work in progress queue header. This is a double headed, double threaded LIFO queue. The entire SNARJP Logon processing work complete queue is moved here by the SNARJP DSP when posted for work.
36	(24)	ADDRESS	4	SSTSNALB	SNARJP Logon work in progress queue footer. This points to the last element on the SNARJP Logon work in progress queue.

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
40	(28)	ADDRESS	4	SSTPPRGE	Pending Purge Queue. This is a single headed, single threaded FIFO queue. "Purge" queue elements on the Work-to-Do Queue are moved here by the security subtask when posted for work.
				Comment	
				Flags	
				End of Comment	
44	(2C)	BITSTRING	1	SSTFLAG1	SST Flag One
				Comment	

				Definition of SSTFLAG1	

				End of Comment	
		1...		SSTABEND	"X'80'" Security subtask abend
		.1..		SSTSINIT	"X'40'" Security subtask initialization complete
		..1.		SSTESTAP	"X'20'" ESTAE entered (reset after work has been processed successfully)
		...1		SSTRF110	"X'10'" Reserved flag
		.... 1...		SSTRF108	"X'08'" Reserved flag
		.... .1..		SSTRF104	"X'04'" Reserved flag
		.... ..1.		SSTRF102	"X'02'" Reserved flag
		1		SSTRF101	"X'01'" Reserved flag
45	(2D)	BITSTRING	1	SSTABFG1	Estae exit control flag
				Comment	

				Definition of SSTABFG1	

				End of Comment	
		1...		SSTACTWE	"X'80'" Subtask is actively processing a transaction. The security subtask work element is pointed to by register R6.
		.1..		SSTINVOP	"X'40'" Internally generated abend because an invalid transaction was requested. The abend is taken to obtain diagnostic information
		..1.		SSTACT1	"X'20'" Indicates that a call has been made to SAF via IATXSEC during transaction 1 (SNARJP VERIFYX).
		...1		SSTACT2	"X'10'" Indicates that a call has been made to SAF via IATXSEC during transaction 2 (BSC/NJE VERIFYX).
		.... 1...		SSTRF208	"X'08'" Reserved flag
		.... .1..		SSTRF204	"X'04'" Reserved flag
		.... ..1.		SSTRF202	"X'02'" Reserved flag
		1		SSTRF201	"X'01'" Reserved flag
46	(2E)	BITSTRING	2	SSTRSVDD	Reserved for development
				Comment	
				Misc Pointers saved for dianostic proposes	
				End of Comment	
48	(30)	ADDRESS	4	SSTGRSS	Address of IATGRSS
52	(34)	ADDRESS	4	SSTYSEC	Address of active IATYSEC

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		Parameter Lists for the Security Subtask Note: The storage for the parameter lists must be reinitialized prior to use since they occupy the same location in storage.			
		End of Comment			
56	(38)	SIGNED	4	SSTPARML (0)	Start of parameter lists
		Comment			
		---------- ESTAE Parameter List ----------			
		End of Comment			
		Comment			
		SSTESTAE ESTAEX MF=L ESTAE parameter list			
		End of Comment			
56	(38)	SIGNED	4	(0)	
56	(38)	ADDRESS	1	SSTESTAE	FLAGS FOR ESTAEX
57	(39)	ADDRESS	1		SECOND FLAG BYTE
58	(3A)	ADDRESS	1		THIRD FLAG BYTE
59	(3B)	ADDRESS	1		VERSION NUMBER
60	(3C)	ADDRESS	4		TOKEN VALUE AREA
64	(40)	ADDRESS	4		PARM. LIST ADDR. NOT SPECIFIED
68	(44)	ADDRESS	4		ALET FOR PARM LIST
72	(48)	ADDRESS	4		EXIT ADDR NOT SPECD
72	(48)	X'14'	0	SSTESTSZ	"*-SSTESTAE" Size of ESTAE parameter list
		Comment			
		---------- End of Security Subtask Control Table ----------			
		End of Comment			
76	(4C)	CHARACTER	8	SSTIDX	Control Block Id
84	(54)	SIGNED	4	SSTEND (0)	End of SST
84	(54)	X'54'	0	SSTSIZE	"SSTEND-SSTSTART" Size of SST

IATYSST Cross Reference

Name

SSTABEND
SSTABFG1
SSTACTWE
SSTACT1
SSTACT2

SSTECB
SSTEND
SSTESTAE
SSTESTAP
SSTESTSZ

Name

SSTFLAG1
SSTGRSS
SSTID
SSTIDX
SSTINVOP
SSTPARML
SSTPECB
SSTPPRGE
SSTRF101
SSTRF102
SSTRF104
SSTRF108
SSTRF110
SSTRF201
SSTRF202
SSTRF204
SSTRF208
SSTRSVDD
SSTSINIT
SSTSIZE
SSTSNALB
SSTSNALF
SSTSNALG
SSTSTART
SSTTVT
SSTWKIPB
SSTWKIPR
SSTWK2DO
SSTYSEC

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