

**z/OS
JES3
Data Areas
Volume 3**

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z/OS



JES3 Data Areas Volume 3

z/OS



JES3 Data Areas Volume 3

Note

Before using this information and the product it supports, be sure to read the general information under “Notices” on page 637.

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

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About this information

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

- Programming interfaces
- Needed for debugging or diagnosis.

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

Who should use this information

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

How to use this information

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

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

The header

The header includes some or all of the following:

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

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

Function:

Brief description of the use of the data area.

Data area map

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

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

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

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

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

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

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

Len Size of the field in decimal bytes.

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

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

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

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

Cross reference

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

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

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

Name	Hex Offset	Hex Value
ANYBIT	F0	80

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

```
240 (F0) FIXED 4 ANYWORD CONTROL WORD
240 (F0) BITSTRING 1 ANYBYTE FLAG BYTE

1... .... ANYBIT "X'80'" BIT ON MEANS THIS . . .
```

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

Programming interface information

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

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

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

Programming Interface information
End of Programming Interface information

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

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

- MACRO ID
- DSECT NAME
- commonly-used name

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

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

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

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

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

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

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

IATYSSWE Information

IATYSSWE Heading Information

Common Name: Security Subtask Work Element
Macro ID: IATYSSWE
DSECT Name: SSWE
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: SSWE
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: JES3 Private
 Auxiliary Storage: N/A
Size: 2240 Bytes
Created by: IATNTDR (BSC/NJE line driver)
 IATNTJS (NJE Receiver)
 IATNTNR (NJE Reader)
 IATSNLD (SNA/RJP driver)
 IATSNLS (SNA/RJP subtask / VTAM exits)
Pointed to by: Queue headers in Security Subtask
 Control Table (IATYSST)
 NRDSSWRK in NJE Receiver Data Area (IATYNRD)
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 a transaction request to the security subtask.

IATYSSWE Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SSWE	, Security Subtask Work Element
0	(0)	CHARACTER	4	SSWEID	Control Block Id
4	(4)	ADDRESS	4	SSWEFRNT	Forward pointer for work queues
8	(8)	ADDRESS	4	SSWEBACK	Backwards queue pointer for work queues
12	(C)	SIGNED	4	SSWEPGID	Purge identifier - used to identify elements on the Work-in-Progress Queue which should be purged
16	(10)	BITSTRING	1	SSWEOPTN	Work to be performed by the security subtask
17	(11)	BITSTRING	1	(3)	Reserved

Comment

 Definition of SSWEOPTN

End of Comment

1... ..	SSWEPRGE	"X'80" Perform PURGE processing
.1.	SSWESNAX	"X'40" Perform IATXSEC VERIFYX processing for SNA RJP workstation
..1.	SSWESNAA	"X'20" Perform IATXSEC VERIFYX processing for SNA RJP workstation autologon
...1	SSWENJEX	"X'10" Perform IATXSEC VERIFYX processing for BSC NJE receiver

IATYSSWE Map

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

Flags					

End of Comment					
20	(14)	BITSTRING	1	SSWEFLG1	SSWE Flag One
Comment					

Definition of SSWEFLG1					

End of Comment					
		1... ..		SSWEINV	"X'80" Invalid option provided
		.1.		SSWESAFF	"X'40" SAF failure
		..1.		SSWEUNKW	"X'20" Unknown failure occurred
		...1		SSWEF110	"X'10" Reserved flag
		.... 1...		SSWEF108	"X'08" Reserved flag
		.... .1..		SSWEF104	"X'04" Reserved flag
		.... ..1.		SSWEF102	"X'02" Reserved flag
		.... ...1		SSWEF101	"X'01" Reserved flag
21	(15)	BITSTRING	3	SSWERFB1	Reserved for development
24	(18)	BITSTRING	1	SSWEFLG2	SSWE Flag Two
Comment					

Definition of SSWEFLG2					

End of Comment					
		1... ..		SSWEAPQ	"X'80" Attached to the Purge queue
		.1.		SSWEAWIP	"X'40" Attached to the Work in progress queue
		..1.		SSWEAW2D	"X'20" Attached to the Work to do queue
		...1		SSWEAWCP	"X'10" Attached to the Work complete queue
		.... 1...		SSWERECF	"X'08" ECF has been posted
		.... .1..		SSWERECB	"X'04" ECB has been posted
		.... ..1.		SSWERDCH	"X'02" SSWE has been dechained
		.... ...1		SSWEF201	"X'01" Reserved flag
25	(19)	BITSTRING	1	SSWEFLG3	SSWE Flag Three
Comment					

Definition of SSWEFLG3					

End of Comment					
		1... ..		SSWERPQ	"X'80" Removed from the Purge queue
		.1.		SSWERWIP	"X'40" Removed from the Work in progress queue
		..1.		SSWERW2D	"X'20" Removed from the Work to do queue
		...1		SSWERWCP	"X'10" Removed from the Work complete queue
		.... 1...		SSWEF308	"X'08" Reserved for development
		.... ..1.		SSWEF304	"X'04" Reserved for development
		.... .1.		SSWEF302	"X'02" Reserved for development
		.... ...1		SSWEF301	"X'01" Reserved for development
26	(1A)	BITSTRING	1	SSWEFLG4	SSWE Flag Four (SNARJP recovery information)

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- Definition of SSWEFLG4 -----					
End of Comment					
		1... ..		SSWEASWP	"X'80" Attached to the SNARJP Work in progress queue
		.1... ..		SSWERSWP	"X'40" Removed from the SNARJP Work in progress queue
		..1.		SSWEF420	"X'20" Reserved for development
		...1		SSWEF410	"X'10" Reserved for development
		.... 1...		SSWEF408	"X'08" Reserved for development
		.... .1..		SSWEF404	"X'04" Reserved for development
		.... ..1.		SSWEF402	"X'02" Reserved for development
		.... ...1		SSWEF401	"X'01" Reserved for development
27	(1B)	BITSTRING	1	SSWERFB2	Reserved for development
Comment					
----- Post Back information -----					
End of Comment					
28	(1C)	ADDRESS	4	SSWEECF	Address of the ECF that is to be posted when processing is complete
32	(20)	ADDRESS	1	SSWEECFM	The ECF mask that is to be ORed with the ECF pointed to by SSWEECF
33	(21)	BITSTRING	3	SSWERD1	Reserved for development
36	(24)	ADDRESS	4	SSWEECB	Address of the ECB that is to be posted when processing is complete
40	(28)	ADDRESS	4	SSWEWCMP	Address of the work complete queue to be used
Comment					
----- Return code information from IATXSEC -----					
End of Comment					
44	(2C)	ADDRESS	4	SSWERTN	Return code from IATXSEC
Comment					
----- SNARJP logon information segment -----					
End of Comment					
48	(30)	ADDRESS	4	SSWESRLT	RLT pointer for the given logon
52	(34)	ADDRESS	4	SSWECIDS	Address of slot in CID table
56	(38)	CHARACTER	116	SSWEBIND (0)	Bind area for session parms and logon statement
56	(38)	CHARACTER	36	SSWESESS	Session parameters for logon
92	(5C)	CHARACTER	80	SSWELOGN	Logon statement read by the logon exit
172	(AC)	CHARACTER	8	SSWEUSER (0)	SAF User ID
172	(AC)	CHARACTER	5	SSWEWSNM	Workstation name
177	(B1)	CHARACTER	3	SSWERSSN	Reserved for development
180	(B4)	CHARACTER	8	SSWELUNM	Name of LU logging on
188	(BC)	CHARACTER	8	SSWESPAS	Password for LU logging on
196	(C4)	CHARACTER	8	SSWESNPS	New Password for LU logging on
204	(CC)	BITSTRING	1	SSWES49 (0)	SNARJP SMF 49 record being built

IATYSSWE Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- BSC/NJE receiver information segment -----					
End of Comment					
294	(126)	CHARACTER	8	SSWENPOE	NJE Point of Entry
304	(130)	SIGNED	4	SSWENSES	NJE session type
308	(134)	SIGNED	4	SSWENIDX	NJE IATXSEC logical index
Comment					
----- Area reserved for service -----					
End of Comment					
312	(138)	BITSTRING	18	SSWERFS1	Reserved for service
Comment					
----- SNARJP Logon sense code information -----					
End of Comment					
330	(14A)	BITSTRING	1	SSWESENS	SNARJP Sense code information
331	(14B)	BITSTRING	1	SSWEMOD	SNARJP Sense code modifier information
Comment					
----- Security Check Parameter list -----					
End of Comment					
332	(14C)	BITSTRING	1	SSWESECP (0)	Security Check parameter list
Comment					
----- End of Security Subtask Work Element -----					
End of Comment					
2324	(914)	CHARACTER	8	SSWEIDX	Control Block Id
2332	(91C)	SIGNED	4	SSWEEND (0)	End of Security Subtask work element
2332	(91C)	X'91C'	0	SSWESIZE	"SSWEEND-SSWE" Size of Security Subtask work element

IATYSSWE Cross Reference**Name**

SSWE
SSWEAPQ
SSWEASWP
SSWEAWCP
SSWEAWIP

SSWEAW2D
SSWEBACK
SSWEBIND
SSWECIDS
SSWEECB

SSWEECF
SSWEECFM
SSWEEND
SSWEFLG1
SSWEFLG2

SSWEFLG3
SSWEFLG4
SSWEFRNT
SSWEF101
SSWEF102

SSWEF104
SSWEF108
SSWEF110
SSWEF201
SSWEF301

SSWEF302
SSWEF304
SSWEF308
SSWEF401
SSWEF402

SSWEF404
SSWEF408
SSWEF410
SSWEF420
SSWEID

SSWEIDX
SSWEINV
SSWELOGN
SSWELUNM
SSWEMOD

SSWENIDX
SSWENJEX
SSWENPOE
SSWENSES
SSWEOPTN

SSWEPGID
SSWEPRGE
SSWERDCH
SSWERD1
SSWERECB

SSWERECF
SSWERFB1
SSWERFB2
SSWERFS1
SSWERPQ

IATYSSWE Cross Reference

Name

SSWERSSN
SSWERSWP
SSWERTN
SSWERWCP
SSWERWIP

SSWERW2D
SSWESAFF
SSWESECP
SSWESENS
SSWESESS

SSWESIZE
SSWESNAA
SSWESNAX
SSWESNPS
SSWESPAS

SSWESRLT
SSWES49
SSWEUNKW
SSWEUSER
SSWEWCMP

SSWEWSNM

IATYSSX Information

IATYSSX Programming Interface information

Programming Interface information

IATYSSX

End of Programming Interface information

Heading Information • IATYSSX Map

IATYSSX Heading Information

Common Name: Security User Exit Parameter List
Macro ID: IATYSSX
DSECT Name: SSXSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: SSX
 Offset: SSXID
 Length: 4
Storage Attributes: Auxiliary Storage: N/A
 Subpool: IATXSEC user defined subpool
 Key: 1 (JESKEY)
 Residency: User defined
Size: See Assembler Listing
Created by: ISSUER of IATXSEC macro
Pointed to by: N/A
Serialization: NONE
Function: Used for passing information to the security user exits (USER EXIT 58 and 59)

IATYSSX Map

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
0	(0)	STRUCTURE	0	SSXSTART		
0	(0)	CHARACTER	4	SSXID	Control Block Identifier	
4	(4)	ADDRESS	1	SSXVSN	Version number	
4	(4)	X'1'	0	SSXVSN1	"1" Version level One	
4	(4)	X'1'	0	SSXVSCUR	"SSXVSN1" Current version number	
Comment						
IATUX58/IATUX59 Return Code Definitions.						
End of Comment						
5	(5)	BITSTRING	1	SSX58RTN	IATUX58 Return Code	
Comment						
----- Definition of SSX58RTN -----						
End of Comment						
5	(5)	X'0'	0	SSX58ACC	"0" Accept - Don't call SAF	
5	(5)	X'4'	0	SSX58UEF	"4" Use existing facilities to make the security decision (don't call SAF)	
5	(5)	X'8'	0	SSX58REJ	"8" Reject - Don't call SAF	
5	(5)	X'C'	0	SSX58SAU	"12" Call SAF and IATUX59	
5	(5)	X'10'	0	SSX58SNU	"16" Call SAF but no IATUX59	
5	(5)	X'14'	0	SSX58DUM	"20" Call SAF and treat IATUX58 as a dummy exit. That is, don't call it again.	
5	(5)	X'14'	0	SSX58MAX	"SSX58DUM" Maximum return code value	
6	(6)	BITSTRING	1	SSX59RTN	IATUX59 Return Code	
Comment						
----- Definition of SSX59RTN -----						
End of Comment						
6	(6)	X'0'	0	SSX59ACC	"0" Accept the request	
6	(6)	X'4'	0	SSX59UEF	"4" Use existing facilities to make the security decision	
6	(6)	X'8'	0	SSX59REJ	"8" Reject the request	
6	(6)	X'C'	0	SSX59SAF	"12" Use the SAF decision	
6	(6)	X'10'	0	SSX59DUM	"16" IATUX59 is a dummy exit	

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
6	(6)	X'10'	0	SSX59MAX	"SSX59DUM" Maximum return code value	
Comment						
SAF/Security Product Information. SAF Return Code						
End of Comment						
7	(7)	BITSTRING	1	SSXSFRET	SAF Return Code	
Comment						
----- Definition of SSXSAFRC -----						
End of Comment						
7	(7)	X'0'	0	SSXSFACC	"0" Accept	
7	(7)	X'4'	0	SSXSFNDC	"4" No Decision	
7	(7)	X'8'	0	SSXSFREJ	"8" Reject	
Comment						
Security Product Return and Reason Codes.						
End of Comment						
8	(8)	SIGNED	4	SSXSFPRET	Security Product Return Code	
12	(C)	SIGNED	4	SSXSFRSN	Security Product Reason Code	
Comment						
----- Definition of SSXSFRSN. -----						
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
  
```

IATYSSX Map

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
16	(10)	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
16	(10)	BITSTRING	0	SSXIANOC	"X'0101" IATISNJ Outbound NJE job stream create
16	(10)	BITSTRING	0	SSXIANJC	"X'0102" IATISNJ NJE job JESMSGGLG data set create
16	(10)	BITSTRING	0	SSXIANJO	"X'0103" IATISNJ NJE job JESMSGGLG data set open
16	(10)	BITSTRING	0	SSXIANRC	"X'0104" IATNTRS Data set create for NJE SYSOUT REROUTE TO HOME NODE
16	(10)	BITSTRING	0	SSXIANRR	"X'0105" IATNTRS Data set create for NJE SYSIN/SYSOUT REROUTE TO A REMOTE NODE
16	(10)	BITSTRING	0	SSXIANOS	"X'0106" IATNTSD Outbound NJE stream writer access
16	(10)	BITSTRING	0	SSXIANOW	"X'0107" IATNTSD Outbound NJE stream writer select
16	(10)	BITSTRING	0	SSXIANIC	"X'0108" IATNTSF Inbound NJE SYSOUT data set create
16	(10)	BITSTRING	0	SSXIANSK	"X'0109" IATNTSF Store and forward NJE data IATOSNT set create
					Comment

Input Service Related AUTH Values.					

					End of Comment
16	(10)	BITSTRING	0	SSXIAISC	"X'010A" IATISEN System and / DATASET data set create
16	(10)	BITSTRING	0	SSXIAISO	"X'010B" IATISEN System and / DATASET data set open
16	(10)	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
16	(10)	BITSTRING	0	SSXIASIA	"X'010D" IATSIAD SYSIN data set create
16	(10)	BITSTRING	0	SSXIASOC	"X'010E" IATSIAD SYSOUT data set create 0075
16	(10)	BITSTRING	0	SSXIASIO	"X'010F" IATSIOR SYSIN data set open
16	(10)	BITSTRING	0	SSXIASOO	"X'0110" IATSIOR SYSOUT data set open
16	(10)	BITSTRING	0	SSXIASIR	"X'0111" IATSIOR Internal reader open

Comment

 SYSIN/SYSOUT Purge AUTH Values.

End of Comment

16	(10)	BITSTRING	0	SSXIADMJ	"X'0112" IATDMJA Purge SYSIN/SYSOUT datasets
16	(10)	BITSTRING	0	SSXIADMA	"X'0113" IATDMJA Purge SYSIN/SYSOUT datasets
16	(10)	BITSTRING	0	SSXIAMSJ	"X'0114" IATMSMS Purge SYSIN/SYSOUT datasets
16	(10)	BITSTRING	0	SSXIAOSD	"X'0115" IATOSDR Purge SYSIN/SYSOUT datasets
16	(10)	BITSTRING	0	SSXIAOSP	"X'0116" IATOSFP Purge SYSIN/SYSOUT datasets

Comment

X'0117' Reserved 0

End of Comment

16	(10)	BITSTRING	0	SSXIAOGC	"X'0118" IATOSPC Purge SYSIN/SYSOUT datasets
16	(10)	BITSTRING	0	SSXIAOSC	"X'0119" IATOSGR Purge SYSIN/SYSOUT datasets 0116
16	(10)	BITSTRING	0	SSXIAOSS	"X'011A" IATOSGR Purge SYSIN/SYSOUT datasets 0116
16	(10)	BITSTRING	0	SSXIAOSW	"X'011B" IATOSWP Purge SYSIN/SYSOUT datasets
16	(10)	BITSTRING	0	SSXIAPUR	"X'011C" IATPURG Purge SYSIN/SYSOUT datasets

Comment

 Output Service AUTH Values.

End of Comment

16	(10)	BITSTRING	0	SSXIAGRP	"X'011D" IATGRAN / PROCESS JESNEWS authorization
16	(10)	BITSTRING	0	SSXIAGRO	"X'011E" IATGRAN *X,JESNEWS authorization
16	(10)	BITSTRING	0	SSXIAOSR	"X'011F" IATOSGR Job Zero Spinoff Create 0116
16	(10)	BITSTRING	0	SSXIAOSO	"X'0120" IATOSGR Job Zero Spinoff Open 0116 check
16	(10)	BITSTRING	0	SSXIASWC	"X'0121" IATOSWC Print JESNEWS authorization
16	(10)	BITSTRING	0	SSXIAOS1	"X'0122" IATOSGR WRITER class check for 0116 traditional writer
16	(10)	BITSTRING	0	SSXIAWD2	"X'0123" IATOSWD WRITER class check for BSC/NJE writer
16	(10)	BITSTRING	0	SSXIAOS2	"X'0124" IATOSBM WRITER class check for SNA/NJE or TCP/NJE writer
16	(10)	BITSTRING	0	SSXIAWD1	"X'0125" IATOSWD JESSPOOL class check for traditional and BSC/NJE writer
16	(10)	BITSTRING	0	SSXIAOS3	"X'0126" IATOSBM JESSPOOL class check for SNA/NJE or TCP/NJE writer
16	(10)	BITSTRING	0	SSXIAFG1	"X'0127" IATOSFG JESSPOOL class check for FSS writer

Comment

 Process SYSOUT (PSO) AUTH Values.

End of Comment

IATYSSX Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
16	(10)	BITSTRING	0	SSXIAUG1	"X'0128" IATOSPC PSO Get by user id
16	(10)	BITSTRING	0	SSXIAUG2	"X'0129" IATOSPC PSO Put by user id
16	(10)	BITSTRING	0	SSXIAREA	"X'012A" IATOSPC PSO Read
16	(10)	BITSTRING	0	SSXIAALT	"X'012B" IATOSPC PSO Alter

Comment

Miscellaneous AUTH Values.

End of Comment

16	(10)	BITSTRING	0	SSXIACMD	"X'012C" IATCNIA Command authorization
16	(10)	BITSTRING	0	SSXIADJ1	"X'012D" IATDJIN Restore multi-record file
16	(10)	BITSTRING	0	SSXIACGP	"X'012E" IATGRPR CBPRNT data set create
16	(10)	BITSTRING	0	SSXIAOGP	"X'012F" IATGRPR CBPRNT data set open
16	(10)	BITSTRING	0	SSXIAGRW	"X'0130" IATGRWQ TSO Cancel authorization
16	(10)	BITSTRING	0	SSXIADJ2	"X'0131" IATDJIN Purge multi-record file
16	(10)	BITSTRING	0	SSXIANUM	"X'0132" IATSINU Notify User node authority D004

Comment

THIS LINE DELETED BY APAR OY58876

End of Comment

16	(10)	BITSTRING	0	SSXIASRO	"X'0133" IATSIOR Internal Reader REOPEN
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Comment

SYSOUT Application Programming Interface (SAPI)
AUTH value.

End of Comment

16	(10)	BITSTRING	0	SSXIASRD	"X'0134" IATOSSO SAPI Read
16	(10)	BITSTRING	0	SSXIASAL	"X'0135" IATOSSO SAPI Alter

Comment

SSI 70 (SWB modify) AUTH value

End of Comment

16	(10)	BITSTRING	0	SSXIASWB	"X'0136" IATGR70 SWB_Modify
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Comment

Job class SAF checks

End of Comment

16	(10)	BITSTRING	0	SSXIACSI	"X'0137" IATISEN IS job submitter job class SAF
16	(10)	BITSTRING	0	SSXIACOI	"X'0138" IATISEN IS job owner job class SAF
16	(10)	BITSTRING	0	SSXIACSF	"X'0139" IATGRWM *F job submitter job class SAF
16	(10)	BITSTRING	0	SSXIACOF	"X'013A" IATGRWM *F job owner job class SAF
16	(10)	BITSTRING	0	SSXIACOD	"X'013B" IATDJIN DJ job owner job class SAF

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- Reserved for User AUTH Values. -----					
End of Comment					
16	(10)	BITSTRING	0	SSXIAU01	"X'01E0" Reserved for user
16	(10)	BITSTRING	0	SSXIAU02	"X'01E1" Reserved for user
16	(10)	BITSTRING	0	SSXIAU03	"X'01E2" Reserved for user
16	(10)	BITSTRING	0	SSXIAU04	"X'01E3" Reserved for user
16	(10)	BITSTRING	0	SSXIAU05	"X'01E4" Reserved for user
16	(10)	BITSTRING	0	SSXIAU06	"X'01E5" Reserved for user
16	(10)	BITSTRING	0	SSXIAU07	"X'01E6" Reserved for user
16	(10)	BITSTRING	0	SSXIAU08	"X'01E7" Reserved for user
16	(10)	BITSTRING	0	SSXIAU09	"X'01E8" Reserved for user
16	(10)	BITSTRING	0	SSXIAU10	"X'01E9" Reserved for user
16	(10)	BITSTRING	0	SSXIAU11	"X'01EA" Reserved for user
16	(10)	BITSTRING	0	SSXIAU12	"X'01EB" Reserved for user
16	(10)	BITSTRING	0	SSXIAU13	"X'01EC" Reserved for user
16	(10)	BITSTRING	0	SSXIAU14	"X'01ED" Reserved for user
16	(10)	BITSTRING	0	SSXIAU15	"X'01EE" Reserved for user
16	(10)	BITSTRING	0	SSXIAU16	"X'01EF" Reserved for user
16	(10)	BITSTRING	0	SSXIAU17	"X'01F0" Reserved for user
16	(10)	BITSTRING	0	SSXIAU18	"X'01F1" Reserved for user
16	(10)	BITSTRING	0	SSXIAU19	"X'01F2" Reserved for user
16	(10)	BITSTRING	0	SSXIAU20	"X'01F3" Reserved for user
16	(10)	BITSTRING	0	SSXIAU21	"X'01F4" Reserved for user
16	(10)	BITSTRING	0	SSXIAU22	"X'01F5" Reserved for user
16	(10)	BITSTRING	0	SSXIAU23	"X'01F6" Reserved for user
16	(10)	BITSTRING	0	SSXIAU24	"X'01F7" Reserved for user
16	(10)	BITSTRING	0	SSXIAU25	"X'01F8" Reserved for user
16	(10)	BITSTRING	0	SSXIAU26	"X'01F9" Reserved for user
16	(10)	BITSTRING	0	SSXIAU27	"X'01FA" Reserved for user
16	(10)	BITSTRING	0	SSXIAU28	"X'01FB" Reserved for user
16	(10)	BITSTRING	0	SSXIAU29	"X'01FC" Reserved for user
16	(10)	BITSTRING	0	SSXIAU30	"X'01FD" Reserved for user
16	(10)	BITSTRING	0	SSXIAU31	"X'01FE" Reserved for user
16	(10)	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					
16	(10)	BITSTRING	0	SSXIEDJN	"X'0201" IATDJIN Encrypt password
16	(10)	BITSTRING	0	SSXIEISJ	"X'0202" IATISEN Encrypt password
16	(10)	BITSTRING	0	SSXIENPE	"X'0203" IATISNJ Encrypt password

IATYSSX Map

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

FACILITY EXTRACT values.					

End of Comment					
16	(10)	BITSTRING	0	SSXIECSI	"X'0220" IS job submitter job class SAF
16	(10)	BITSTRING	0	SSXIECOI	"X'0221" IS job owner job class SAF
16	(10)	BITSTRING	0	SSXIECSF	"X'0222" *F job submitter job class SAF
16	(10)	BITSTRING	0	SSXIECOF	"X'0223" *F job owner job class SAF
16	(10)	BITSTRING	0	SSXIECOD	"X'0224" DJ job owner job class SAF
Comment					

Reserved for User EXTRACT Values.					

End of Comment					
16	(10)	BITSTRING	0	SSXIEU01	"X'02E0" Reserved for user
16	(10)	BITSTRING	0	SSXIEU02	"X'02E1" Reserved for user
16	(10)	BITSTRING	0	SSXIEU03	"X'02E2" Reserved for user
16	(10)	BITSTRING	0	SSXIEU04	"X'02E3" Reserved for user
16	(10)	BITSTRING	0	SSXIEU05	"X'02E4" Reserved for user
16	(10)	BITSTRING	0	SSXIEU06	"X'02E5" Reserved for user
16	(10)	BITSTRING	0	SSXIEU07	"X'02E6" Reserved for user
16	(10)	BITSTRING	0	SSXIEU08	"X'02E7" Reserved for user
16	(10)	BITSTRING	0	SSXIEU09	"X'02E8" Reserved for user
16	(10)	BITSTRING	0	SSXIEU10	"X'02E9" Reserved for user
16	(10)	BITSTRING	0	SSXIEU11	"X'02EA" Reserved for user
16	(10)	BITSTRING	0	SSXIEU12	"X'02EB" Reserved for user
16	(10)	BITSTRING	0	SSXIEU13	"X'02EC" Reserved for user
16	(10)	BITSTRING	0	SSXIEU14	"X'02ED" Reserved for user
16	(10)	BITSTRING	0	SSXIEU15	"X'02EE" Reserved for user
16	(10)	BITSTRING	0	SSXIEU16	"X'02EF" Reserved for user
16	(10)	BITSTRING	0	SSXIEU17	"X'02F0" Reserved for user
16	(10)	BITSTRING	0	SSXIEU18	"X'02F1" Reserved for user
16	(10)	BITSTRING	0	SSXIEU19	"X'02F2" Reserved for user
16	(10)	BITSTRING	0	SSXIEU20	"X'02F3" Reserved for user
16	(10)	BITSTRING	0	SSXIEU21	"X'02F4" Reserved for user
16	(10)	BITSTRING	0	SSXIEU22	"X'02F5" Reserved for user
16	(10)	BITSTRING	0	SSXIEU23	"X'02F6" Reserved for user
16	(10)	BITSTRING	0	SSXIEU24	"X'02F7" Reserved for user
16	(10)	BITSTRING	0	SSXIEU25	"X'02F8" Reserved for user
16	(10)	BITSTRING	0	SSXIEU26	"X'02F9" Reserved for user
16	(10)	BITSTRING	0	SSXIEU27	"X'02FA" Reserved for user
16	(10)	BITSTRING	0	SSXIEU28	"X'02FB" Reserved for user
16	(10)	BITSTRING	0	SSXIEU29	"X'02FC" Reserved for user
16	(10)	BITSTRING	0	SSXIEU30	"X'02FD" Reserved for user
16	(10)	BITSTRING	0	SSXIEU31	"X'02FE" Reserved for user
16	(10)	BITSTRING	0	SSXIEU32	"X'02FF" Reserved for user
Comment					

TOKENBLD Values					

End of Comment					
		.... ..11		SSXITKBL	"X'03" TOKENBLD Request

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- NJE TOKENBLD Values. -----					
End of Comment					
16	(10)	BITSTRING	0	SSXIBNIS	"X'0301" IATNTJS Update token for inbound NJE SYSOUT stream
16	(10)	BITSTRING	0	SSXIBNRS	"X'0302" IATNTRS Update token for rerouted NJE SYSOUT stream
Comment					
----- Input Service TOKENBLD Values. -----					
End of Comment					
16	(10)	BITSTRING	0	SSXIBISJ	"X'0303" IATISEN Update demand select job token with EXENODE/POE
16	(10)	BITSTRING	0	SSXIBISI	"X'0304" IATISRI Update reader token with SESSION/POE (operator who called reader)
16	(10)	BITSTRING	0	SSXIBSRL	"X'0307" IATISRL Update reader token with SESSION/POE (operator who started reader)
Comment					
----- Initialization TOKENBLD Values. -----					
End of Comment					
16	(10)	BITSTRING	0	SSXIBINI	"X'0305" IATINGN Create SYSLOW token for JESNEWS
16	(10)	BITSTRING	0	SSXIBING	"X'0306" IATINGN Update JES3 token with EXENODE
Comment					
----- APPC TOKENBLD Values. 0 -----					
End of Comment					
16	(10)	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					
16	(10)	BITSTRING	0	SSXIBU01	"X'03E0" Reserved for user
16	(10)	BITSTRING	0	SSXIBU02	"X'03E1" Reserved for user
16	(10)	BITSTRING	0	SSXIBU03	"X'03E2" Reserved for user
16	(10)	BITSTRING	0	SSXIBU04	"X'03E3" Reserved for user
16	(10)	BITSTRING	0	SSXIBU05	"X'03E4" Reserved for user
16	(10)	BITSTRING	0	SSXIBU06	"X'03E5" Reserved for user
16	(10)	BITSTRING	0	SSXIBU07	"X'03E6" Reserved for user
16	(10)	BITSTRING	0	SSXIBU08	"X'03E7" Reserved for user
16	(10)	BITSTRING	0	SSXIBU09	"X'03E8" Reserved for user
16	(10)	BITSTRING	0	SSXIBU10	"X'03E9" Reserved for user
16	(10)	BITSTRING	0	SSXIBU11	"X'03EA" Reserved for user

IATYSSX Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
16	(10)	BITSTRING	0	SSXIBU12	"X'03EB" Reserved for user
16	(10)	BITSTRING	0	SSXIBU13	"X'03EC" Reserved for user
16	(10)	BITSTRING	0	SSXIBU14	"X'03ED" Reserved for user
16	(10)	BITSTRING	0	SSXIBU15	"X'03EE" Reserved for user
16	(10)	BITSTRING	0	SSXIBU16	"X'03EF" Reserved for user
16	(10)	BITSTRING	0	SSXIBU17	"X'03F0" Reserved for user
16	(10)	BITSTRING	0	SSXIBU18	"X'03F1" Reserved for user
16	(10)	BITSTRING	0	SSXIBU19	"X'03F2" Reserved for user
16	(10)	BITSTRING	0	SSXIBU20	"X'03F3" Reserved for user
16	(10)	BITSTRING	0	SSXIBU21	"X'03F4" Reserved for user
16	(10)	BITSTRING	0	SSXIBU22	"X'03F5" Reserved for user
16	(10)	BITSTRING	0	SSXIBU23	"X'03F6" Reserved for user
16	(10)	BITSTRING	0	SSXIBU24	"X'03F7" Reserved for user
16	(10)	BITSTRING	0	SSXIBU25	"X'03F8" Reserved for user
16	(10)	BITSTRING	0	SSXIBU26	"X'03F9" Reserved for user
16	(10)	BITSTRING	0	SSXIBU27	"X'03FA" Reserved for user
16	(10)	BITSTRING	0	SSXIBU28	"X'03FB" Reserved for user
16	(10)	BITSTRING	0	SSXIBU29	"X'03FC" Reserved for user
16	(10)	BITSTRING	0	SSXIBU30	"X'03FD" Reserved for user
16	(10)	BITSTRING	0	SSXIBU31	"X'03FE" Reserved for user
16	(10)	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

16	(10)	BITSTRING	0	SSXIMNJJ	"X'0401" IATISNJ Convert job token to external format for outbound NJE job stream JH and/or to map its contents
16	(10)	BITSTRING	0	SSXIMNSD	"X'0402" IATNTDH Convert job token to external format for outbound NJE SYSOUT stream DSH
16	(10)	BITSTRING	0	SSXIMNSJ	"X'0403" IATNTHT Convert job token to external format for outbound NJE SYSOUT stream JH
16	(10)	BITSTRING	0	SSXIMNIJ	"X'0404" IATNTJS Convert inbound NJE job stream JH token to internal format
16	(10)	BITSTRING	0	SSXIMNIS	"X'0405" IATNTJS Convert inbound NJE SYSOUT stream JH token to internal format
16	(10)	BITSTRING	0	SSXIMNST	"X'0406" IATNTJS Map inbound NJE SYSOUT stream token
16	(10)	BITSTRING	0	SSXIMNJU	"X'0407" IATNTJS Map NJE job stream unknown user token
16	(10)	BITSTRING	0	SSXIMNSX	"X'0408" IATNTSF Map token returned by IATUX67
16	(10)	BITSTRING	0	SSXIMNRS	"X'0409" IATNTRS Convert rerouted NJE SYSOUT stream JH token to internal format
16	(10)	BITSTRING	0	SSXIMNRJ	"X'040A" IATNTRS Convert rerouted NJE job stream JH token to internal format
16	(10)	BITSTRING	0	SSXIMNRT	"X'040B" IATNTRS Map rerouted NJE SYSOUT stream token
16	(10)	BITSTRING	0	SSXIMNRX	"X'040C" IATNTRS Map token returned by IATUX67
16	(10)	BITSTRING	0	SSXIMNRB	"X'0415" IATNTRS Map rerouted NJE SYSIN or 0588 SYSOUT Job-level token to 0588 external form 0588
16	(10)	BITSTRING	0	SSXIMNSE	"X'0419" IATOSBP Convert inbound NJE SYSOUT stream DSH token to internal format

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Comment -----					
----- Input Service TOKENMAP Values. -----					
----- End of Comment -----					
16	(10)	BITSTRING	0	SSXIMISJ	"X'040D" IATISEN Obtain information from job token during job validation
16	(10)	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 -----					
16	(10)	BITSTRING	0	SSXIMOSD	"X'040E" IATOSDR Obtain information from JES3 token to update the job zero RQ
16	(10)	BITSTRING	0	SSXIMINI	"X'040F" IATINGN Obtain information from 0116 JESNEWS token
16	(10)	BITSTRING	0	SSXIMOSO	"X'0412" IATOSDO To place the Security label for the token into the MOSE
16	(10)	BITSTRING	0	SSXIMSIP	"X'041A" IATSIOP Obtain information from JES3 token for PSO 0040
16	(10)	BITSTRING	0	SSXIMSMP	"X'0420" IATSISO Obtain information from JES3 token for SAPI
----- Comment -----					
----- Miscellaneous TOKENMAP Values. -----					
----- End of Comment -----					
16	(10)	BITSTRING	0	SSXIMDM1	"X'0410" IATDMJA Obtain information from user token for PSO
16	(10)	BITSTRING	0	SSXIMDJ1	"X'0411" IATDJIN Map job token during dump job input processing
16	(10)	BITSTRING	0	SSXIMOSN	"X'0413" IATOSNT Map job token during NJE packaging for a destination
16	(10)	BITSTRING	0	SSXIMOS2	"X'0414" IATOSNT Map job token during NJE packaging for a destination
16	(10)	BITSTRING	0	SSXIMAD1	"X'0416" IATSIAD Map token during APPC SYSOUT Allocation
16	(10)	BITSTRING	0	SSXIMCD1	"X'0417" IATGRCD Obtain information from user token for callable DSP
16	(10)	BITSTRING	0	SSXIMSTP	"X'0418" IATIIST MAP TOKEN DURING SETUP OF C/I SECURITY ENVIRONMENT
16	(10)	BITSTRING	0	SSXIMAD2	"X'041B" IATSIAD Map token during non-batch SYSOUT Allocation
16	(10)	BITSTRING	0	SSXIMSVJ	"X'0421" IATGRES Map token for verbose job status
16	(10)	BITSTRING	0	SSXIMSVS	"X'0422" IATGRES Map token for verbose output status
----- Comment -----					
----- Reserved for User TOKENMAP Values. -----					
----- End of Comment -----					
16	(10)	BITSTRING	0	SSXIMU01	"X'04E0" Reserved for user

IATYSSX Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
16	(10)	BITSTRING	0	SSXIMU02	"X'04E1" Reserved for user
16	(10)	BITSTRING	0	SSXIMU03	"X'04E2" Reserved for user
16	(10)	BITSTRING	0	SSXIMU04	"X'04E3" Reserved for user
16	(10)	BITSTRING	0	SSXIMU05	"X'04E4" Reserved for user
16	(10)	BITSTRING	0	SSXIMU06	"X'04E5" Reserved for user
16	(10)	BITSTRING	0	SSXIMU07	"X'04E6" Reserved for user
16	(10)	BITSTRING	0	SSXIMU08	"X'04E7" Reserved for user
16	(10)	BITSTRING	0	SSXIMU09	"X'04E8" Reserved for user
16	(10)	BITSTRING	0	SSXIMU10	"X'04E9" Reserved for user
16	(10)	BITSTRING	0	SSXIMU11	"X'04EA" Reserved for user
16	(10)	BITSTRING	0	SSXIMU12	"X'04EB" Reserved for user
16	(10)	BITSTRING	0	SSXIMU13	"X'04EC" Reserved for user
16	(10)	BITSTRING	0	SSXIMU14	"X'04ED" Reserved for user
16	(10)	BITSTRING	0	SSXIMU15	"X'04EE" Reserved for user
16	(10)	BITSTRING	0	SSXIMU16	"X'04EF" Reserved for user
16	(10)	BITSTRING	0	SSXIMU17	"X'04F0" Reserved for user
16	(10)	BITSTRING	0	SSXIMU18	"X'04F1" Reserved for user
16	(10)	BITSTRING	0	SSXIMU19	"X'04F2" Reserved for user
16	(10)	BITSTRING	0	SSXIMU20	"X'04F3" Reserved for user
16	(10)	BITSTRING	0	SSXIMU21	"X'04F4" Reserved for user
16	(10)	BITSTRING	0	SSXIMU22	"X'04F5" Reserved for user
16	(10)	BITSTRING	0	SSXIMU23	"X'04F6" Reserved for user
16	(10)	BITSTRING	0	SSXIMU24	"X'04F7" Reserved for user
16	(10)	BITSTRING	0	SSXIMU25	"X'04F8" Reserved for user
16	(10)	BITSTRING	0	SSXIMU26	"X'04F9" Reserved for user
16	(10)	BITSTRING	0	SSXIMU27	"X'04FA" Reserved for user
16	(10)	BITSTRING	0	SSXIMU28	"X'04FB" Reserved for user
16	(10)	BITSTRING	0	SSXIMU29	"X'04FC" Reserved for user
16	(10)	BITSTRING	0	SSXIMU30	"X'04FD" Reserved for user
16	(10)	BITSTRING	0	SSXIMU31	"X'04FE" Reserved for user
16	(10)	BITSTRING	0	SSXIMU32	"X'04FF" Reserved for user

Comment

TOKENXTR Values

End of Comment

		.... .1.1		SSXITKXT	"X'05" TOKENXTR Request
16	(10)	BITSTRING	0	SSXIXDMD	"X'0501" IATDMDM Extract token of job's address space for ENDREQ processing to start a demand select job
16	(10)	BITSTRING	0	SSXIXDME	"X'0502" IATDMEB3 Extract token of job's 11485TAC address space for internal reader ENDREQ processing
16	(10)	BITSTRING	0	SSXIXJNW	"X'0503" IATINGN Extract JES3's token
16	(10)	BITSTRING	0	SSXIXSIA	"X'0504" IATSIAD Extract token of job's address space for PSO/SAPI unallocation
16	(10)	BITSTRING	0	SSXIXSIC	"X'0505" IATSICC Extract token of job's address space for internal reader ENDREQ processing
16	(10)	BITSTRING	0	SSXIXSCN	"X'0506" IATSICN Extract token of job's address space for TSO cancel
16	(10)	BITSTRING	0	SSXIXSIJ	"X'0507" IATSIJS Extract token for job who issued request jobid
16	(10)	BITSTRING	0	SSXIXPAL	"X'0508" IATSIOP Extract token of job's address space for PSO allocation
16	(10)	BITSTRING	0	SSXIXSAD	"X'0509" IATSIAD Extract data set token FOR SYSOUT ALLOCATION
16	(10)	BITSTRING	0	SSXIXNUM	"X'050A" IATSINU Notify User token D004
16	(10)	BITSTRING	0	SSXIXSIR	"X'050B" IATSIOR EXTRACT TOKEN OF JOB'S ADDRESS SPACE FOR INTERNAL READER SYSOUT CREATION
16	(10)	BITSTRING	0	SSXIXSAL	"X'050C" IATSISO Extract token of job's address space for SAPI allocation
16	(10)	BITSTRING	0	SSXIXSWB	"X'050D" IATSI70 Extract token of job's address space for SSI 70 (SWB_Modify)

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

Reserved for User TOKENXTR Values.					

End of Comment					
16	(10)	BITSTRING	0	SSXIXU01	"X'05E0" Reserved for user
16	(10)	BITSTRING	0	SSXIXU02	"X'05E1" Reserved for user
16	(10)	BITSTRING	0	SSXIXU03	"X'05E2" Reserved for user
16	(10)	BITSTRING	0	SSXIXU04	"X'05E3" Reserved for user
16	(10)	BITSTRING	0	SSXIXU05	"X'05E4" Reserved for user
16	(10)	BITSTRING	0	SSXIXU06	"X'05E5" Reserved for user
16	(10)	BITSTRING	0	SSXIXU07	"X'05E6" Reserved for user
16	(10)	BITSTRING	0	SSXIXU08	"X'05E7" Reserved for user
16	(10)	BITSTRING	0	SSXIXU09	"X'05E8" Reserved for user
16	(10)	BITSTRING	0	SSXIXU10	"X'05E9" Reserved for user
16	(10)	BITSTRING	0	SSXIXU11	"X'05EA" Reserved for user
16	(10)	BITSTRING	0	SSXIXU12	"X'05EB" Reserved for user
16	(10)	BITSTRING	0	SSXIXU13	"X'05EC" Reserved for user
16	(10)	BITSTRING	0	SSXIXU14	"X'05ED" Reserved for user
16	(10)	BITSTRING	0	SSXIXU15	"X'05EE" Reserved for user
16	(10)	BITSTRING	0	SSXIXU16	"X'05EF" Reserved for user
16	(10)	BITSTRING	0	SSXIXU17	"X'05F0" Reserved for user
16	(10)	BITSTRING	0	SSXIXU18	"X'05F1" Reserved for user
16	(10)	BITSTRING	0	SSXIXU19	"X'05F2" Reserved for user
16	(10)	BITSTRING	0	SSXIXU20	"X'05F3" Reserved for user
16	(10)	BITSTRING	0	SSXIXU21	"X'05F4" Reserved for user
16	(10)	BITSTRING	0	SSXIXU22	"X'05F5" Reserved for user
16	(10)	BITSTRING	0	SSXIXU23	"X'05F6" Reserved for user
16	(10)	BITSTRING	0	SSXIXU24	"X'05F7" Reserved for user
16	(10)	BITSTRING	0	SSXIXU25	"X'05F8" Reserved for user
16	(10)	BITSTRING	0	SSXIXU26	"X'05F9" Reserved for user
16	(10)	BITSTRING	0	SSXIXU27	"X'05FA" Reserved for user
16	(10)	BITSTRING	0	SSXIXU28	"X'05FB" Reserved for user
16	(10)	BITSTRING	0	SSXIXU29	"X'05FC" Reserved for user
16	(10)	BITSTRING	0	SSXIXU30	"X'05FD" Reserved for user
16	(10)	BITSTRING	0	SSXIXU31	"X'05FE" Reserved for user
16	(10)	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					
16	(10)	BITSTRING	0	SSXIVNJE	"X'0601" IATCNNJ NJE node validation
16	(10)	BITSTRING	0	SSXIVNOI	"X'0602" IATISNJ Create INTRDR token for outbound NJE job stream
16	(10)	BITSTRING	0	SSXIVNOE	"X'0603" IATISNJ Create unknown user token for outbound NJE job stream
16	(10)	BITSTRING	0	SSXIVNVJ	"X'0604" IATISNJ Job validation for outbound NJE job stream
16	(10)	BITSTRING	0	SSXIVNIS	"X'0605" IATNTJS Job validation for inbound NJE SYSOUT stream

IATYSSX Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
16	(10)	BITSTRING	0	SSXIVNIU	"X'0606" IATNTJS Create unknown user token for inbound NJE SYSOUT stream
16	(10)	BITSTRING	0	SSXIVNJU	"X'0607" IATNTJS Create unknown user token for store and forward NJE job stream
16	(10)	BITSTRING	0	SSXIVNRR	"X'0609" IATNTRS Reverify token for NJE reroute to a remote node
16	(10)	BITSTRING	0	SSXIVNRS	"X'060A" IATNTRS Job validation for NJE SYSOUT rerouted to the home node
16	(10)	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

16	(10)	BITSTRING	0	SSXIVISJ	"X'060D" IATISEN Job validation for jobs destined for execution on this node
----	------	-----------	---	----------	--

Comment

 RJP VERIFYX Values.

End of Comment

16	(10)	BITSTRING	0	SSXIVRJM	"X'060E" IATRJM3 BSC RJP SIGNON
16	(10)	BITSTRING	0	SSXIVSNL	"X'060F" IATSNLS SNA RJP LOGON

Comment

 Dump Job VERIFYX Values.

End of Comment

16	(10)	BITSTRING	0	SSXIVDJ1	"X'0610" IATDJIN Verify a job from a previous JES3 release
16	(10)	BITSTRING	0	SSXIVDJ2	"X'0611" IATDJIN Verify a job from the current JES3 release
16	(10)	BITSTRING	0	SSXIVDJ3	"X'0612" IATDJIN Verify a job whose session type is TKNUNKWN

Comment

 Reserved for User VERIFYX Values.

End of Comment

16	(10)	BITSTRING	0	SSXIVU01	"X'06E0" Reserved for user
16	(10)	BITSTRING	0	SSXIVU02	"X'06E1" Reserved for user
16	(10)	BITSTRING	0	SSXIVU03	"X'06E2" Reserved for user
16	(10)	BITSTRING	0	SSXIVU04	"X'06E3" Reserved for user
16	(10)	BITSTRING	0	SSXIVU05	"X'06E4" Reserved for user
16	(10)	BITSTRING	0	SSXIVU06	"X'06E5" Reserved for user
16	(10)	BITSTRING	0	SSXIVU07	"X'06E6" Reserved for user
16	(10)	BITSTRING	0	SSXIVU08	"X'06E7" Reserved for user
16	(10)	BITSTRING	0	SSXIVU09	"X'06E8" Reserved for user
16	(10)	BITSTRING	0	SSXIVU10	"X'06E9" Reserved for user
16	(10)	BITSTRING	0	SSXIVU11	"X'06EA" Reserved for user
16	(10)	BITSTRING	0	SSXIVU12	"X'06EB" Reserved for user
16	(10)	BITSTRING	0	SSXIVU13	"X'06EC" Reserved for user

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
16	(10)	BITSTRING	0	SSXIVU14	"X'06ED" Reserved for user
16	(10)	BITSTRING	0	SSXIVU15	"X'06EE" Reserved for user
16	(10)	BITSTRING	0	SSXIVU16	"X'06EF" Reserved for user
16	(10)	BITSTRING	0	SSXIVU17	"X'06F0" Reserved for user
16	(10)	BITSTRING	0	SSXIVU18	"X'06F1" Reserved for user
16	(10)	BITSTRING	0	SSXIVU19	"X'06F2" Reserved for user
16	(10)	BITSTRING	0	SSXIVU20	"X'06F3" Reserved for user
16	(10)	BITSTRING	0	SSXIVU21	"X'06F4" Reserved for user
16	(10)	BITSTRING	0	SSXIVU22	"X'06F5" Reserved for user
16	(10)	BITSTRING	0	SSXIVU23	"X'06F6" Reserved for user
16	(10)	BITSTRING	0	SSXIVU24	"X'06F7" Reserved for user
16	(10)	BITSTRING	0	SSXIVU25	"X'06F8" Reserved for user
16	(10)	BITSTRING	0	SSXIVU26	"X'06F9" Reserved for user
16	(10)	BITSTRING	0	SSXIVU27	"X'06FA" Reserved for user
16	(10)	BITSTRING	0	SSXIVU28	"X'06FB" Reserved for user
16	(10)	BITSTRING	0	SSXIVU29	"X'06FC" Reserved for user
16	(10)	BITSTRING	0	SSXIVU30	"X'06FD" Reserved for user
16	(10)	BITSTRING	0	SSXIVU31	"X'06FE" Reserved for user
16	(10)	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

16	(10)	BITSTRING	0	SSXAUVL	"X'0701" IATINJR Job Validation deletion
16	(10)	BITSTRING	0	SSXAUCAN	"X'0702" IATGRWM Cancel delete-only job

Comment

Reserved for User AUDIT Values.

End of Comment

16	(10)	BITSTRING	0	SSXAUU01	"X'07E0" Reserved for user
16	(10)	BITSTRING	0	SSXAUU02	"X'07E1" Reserved for user
16	(10)	BITSTRING	0	SSXAUU03	"X'07E2" Reserved for user
16	(10)	BITSTRING	0	SSXAUU04	"X'07E3" Reserved for user
16	(10)	BITSTRING	0	SSXAUU05	"X'07E4" Reserved for user
16	(10)	BITSTRING	0	SSXAUU06	"X'07E5" Reserved for user
16	(10)	BITSTRING	0	SSXAUU07	"X'07E6" Reserved for user
16	(10)	BITSTRING	0	SSXAUU08	"X'07E7" Reserved for user
16	(10)	BITSTRING	0	SSXAUU09	"X'07E8" Reserved for user
16	(10)	BITSTRING	0	SSXAUU10	"X'07E9" Reserved for user
16	(10)	BITSTRING	0	SSXAUU11	"X'07EA" Reserved for user
16	(10)	BITSTRING	0	SSXAUU12	"X'07EB" Reserved for user
16	(10)	BITSTRING	0	SSXAUU13	"X'07EC" Reserved for user
16	(10)	BITSTRING	0	SSXAUU14	"X'07ED" Reserved for user
16	(10)	BITSTRING	0	SSXAUU15	"X'07EE" Reserved for user
16	(10)	BITSTRING	0	SSXAUU16	"X'07EF" Reserved for user
16	(10)	BITSTRING	0	SSXAUU17	"X'07F0" Reserved for user
16	(10)	BITSTRING	0	SSXAUU18	"X'07F1" Reserved for user
16	(10)	BITSTRING	0	SSXAUU19	"X'07F2" Reserved for user
16	(10)	BITSTRING	0	SSXAUU20	"X'07F3" Reserved for user
16	(10)	BITSTRING	0	SSXAUU21	"X'07F4" Reserved for user

IATYSSX Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
16	(10)	BITSTRING	0	SSXAAU22	"X'07F5" Reserved for user
16	(10)	BITSTRING	0	SSXAAU23	"X'07F6" Reserved for user
16	(10)	BITSTRING	0	SSXAAU24	"X'07F7" Reserved for user
16	(10)	BITSTRING	0	SSXAAU25	"X'07F8" Reserved for user
16	(10)	BITSTRING	0	SSXAAU26	"X'07F9" Reserved for user
16	(10)	BITSTRING	0	SSXAAU27	"X'07FA" Reserved for user
16	(10)	BITSTRING	0	SSXAAU28	"X'07FB" Reserved for user
16	(10)	BITSTRING	0	SSXAAU29	"X'07FC" Reserved for user
16	(10)	BITSTRING	0	SSXAAU30	"X'07FD" Reserved for user
16	(10)	BITSTRING	0	SSXAAU31	"X'07FE" Reserved for user
16	(10)	BITSTRING	0	SSXAAU32	"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

16	(10)	BITSTRING	0	SSXVFCRT	"X'0801" IATIIST Create ACEE for C/I 0039
16	(10)	BITSTRING	0	SSXVFDEL	"X'0802" IATIIST Delete ACEE for C/I 0039

Comment

----- 0
 Reserved for User VERIFY Values. 0
 ----- 0

End of Comment

16	(10)	BITSTRING	0	SSXVFU01	"X'08E0" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU02	"X'08E1" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU03	"X'08E2" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU04	"X'08E3" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU05	"X'08E4" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU06	"X'08E5" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU07	"X'08E6" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU08	"X'08E7" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU09	"X'08E8" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU10	"X'08E9" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU11	"X'08EA" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU12	"X'08EB" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU13	"X'08EC" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU14	"X'08ED" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU15	"X'08EE" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU16	"X'08EF" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU17	"X'08F0" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU18	"X'08F1" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU19	"X'08F2" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU20	"X'08F3" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU21	"X'08F4" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU22	"X'08F5" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU23	"X'08F6" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU24	"X'08F7" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU25	"X'08F8" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU26	"X'08F9" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU27	"X'08FA" Reserved for user 0039

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
16	(10)	BITSTRING	0	SSXVFU28	"X'08FB" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU29	"X'08FC" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU30	"X'08FD" Reserved for user 0039
16	(10)	BITSTRING	0	SSXVFU31	"X'08FE" Reserved for user 0039
16	(10)	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

18	(12)	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

19	(13)	CHARACTER	9	SSXEXNOD (0)	Execution Node
19	(13)	CHARACTER	1	SSXEXNDL	Execution Node Length
20	(14)	CHARACTER	8	SSXEXNDF	Execution Node Field

Comment

Entity Name (ENTITY or ENTITYX)
SSXENTIT is in ENTITY format unless SSX1ENTX is set.

End of Comment

28	(1C)	CHARACTER	53	SSXENTIT	Entity or Entityx name
----	------	-----------	----	----------	------------------------

Comment

Group Name (GROUP)

End of Comment

81	(51)	CHARACTER	9	SSXGROUP (0)	Group Name
81	(51)	CHARACTER	1	SSXGROUL	Group Name Length
82	(52)	CHARACTER	8	SSXGROUF	Group Name Field

IATYSSX Map

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

Job Name (JOBNAME)					

End of Comment					
90	(5A)	CHARACTER	8	SSXJOBNM	Job Name
Comment					

Log Option (LOG)					

End of Comment					
98	(62)	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					
99	(63)	CHARACTER	256	SSXLGSTR (0)	Log String
99	(63)	CHARACTER	1	SSXLGSTL	Log String Length
100	(64)	CHARACTER	255	SSXLGSTF	Log String Field
Comment					

New Password (NEWPASS)					

End of Comment					
355	(163)	CHARACTER	9	SSXNPASS (0)	New Password
355	(163)	CHARACTER	1	SSXNPASL	New Password Length
356	(164)	CHARACTER	8	SSXNPASF	New Password Field
Comment					

Password Checking Option (PASSCHK)					

End of Comment					
364	(16C)	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					
365	(16D)	CHARACTER	9	SSXPASWD (0)	Password
365	(16D)	CHARACTER	1	SSXPASWL	Password Length

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
366	(16E)	CHARACTER	8	SSXPASWF	Password Field	
|----- Comment -----|						

|----- Port (Point) of Entry (POE) -----|						

|----- End of Comment -----|						
374	(176)	CHARACTER	8	SSXPOE	Port of Entry	
|----- Comment -----|						

|----- Receiving User Name (RECVR) -----|						

|----- End of Comment -----|						
382	(17E)	CHARACTER	8	SSXRECVR	Receiver Name	
|----- Comment -----|						

|----- Resource Token (RTOKEN) -----|						

|----- End of Comment -----|						
390	(186)	BITSTRING	1	SSXRTOKN	Resource Token	
|----- Comment -----|						

|----- Security Label (SECLABEL) -----|						

|----- End of Comment -----|						
470	(1D6)	CHARACTER	8	SSXSECLB	Security Label	
|----- Comment -----|						

|----- Submitter's Group (SGROUP) -----|						

|----- End of Comment -----|						
478	(1DE)	CHARACTER	9	SSXSGRP (0)	Submitter's Group	
478	(1DE)	CHARACTER	1	SSXSGRPL	Submitter's Group Length	
479	(1DF)	CHARACTER	8	SSXSGRPF	Submitter's Group Field	
|----- Comment -----|						

|----- Submitter's Node (SNODE) -----|						

|----- End of Comment -----|						
487	(1E7)	CHARACTER	9	SSXSNODE (0)	Submitter's Node	
487	(1E7)	CHARACTER	1	SSXSNODL	Submitter's Node Length	
488	(1E8)	CHARACTER	8	SSXSNODF	Submitter's Node Field	

IATYSSX Map

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

Submitter's Token (STOKEN)					

End of Comment					
496	(1F0)	BITSTRING	1	SSXSTOKN	Submitter's Token
Comment					

Submitter's Userid (SUSERID)					

End of Comment					
576	(240)	CHARACTER	9	SSXSUSRI (0)	Submitter's User id
576	(240)	CHARACTER	1	SSXSUSRL	Submitter's User id Length
577	(241)	CHARACTER	8	SSXSUSRF	Submitter's User id Field
Comment					

Input Token (TOKNIN)					

End of Comment					
585	(249)	BITSTRING	1	SSXTOKIN	Input Token
Comment					

Output Token (TOKNOUT)					

End of Comment					
665	(299)	BITSTRING	1	SSXTOKOT	Output Token
Comment					

Trusted User Attribute (TRUSTED)					

End of Comment					
745	(2E9)	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					
746	(2EA)	CHARACTER	9	SSXUSERI (0)	User Id
746	(2EA)	CHARACTER	1	SSXUSERL	User Id Length
747	(2EB)	CHARACTER	8	SSXUSERF	User Id Field

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

User Token (UTOKEN)					

End of Comment					
755	(2F3)	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					
836	(344)	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					
840	(348)	ADDRESS	4	SSXPSSCS	IEFSSCS address
844	(34C)	ADDRESS	4	SSXPTMID	Tso Terminal Id address
Comment					

Tokenout for REQUEST = TOKENMAP 0					

0					
End of Comment					
848	(350)	ADDRESS	4	SSXTKOUT	Address of Output Token 0040
Comment					

Session Type (SESSION)					

End of Comment					
852	(354)	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					

IATYSSX Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
853	(355)	BITSTRING	1	SSXRWRFSF (3)	Reserved for Development
856	(358)	SIGNED	4	SSXRWRSD (2)	Reserved for Development 0040
864	(360)	SIGNED	4	SSXRWRSS (7)	RESERVED FOR SERVICE
Comment					

STARTED PROCEDURE NAME (START)					

End of Comment					
892	(37C)	CHARACTER	8	SSXSTPRC	STARTED PROCEDURE NAME
Comment					

Input Service VERIFYX call					

End of Comment					
900	(384)	ADDRESS	4	SSXACTIA	Accounting Info address
Comment					
<p>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.</p>					

Resource Class (CLASS)					

End of Comment					
904	(388)	CHARACTER	8	SSXCLASS	Resource Class
Comment					

Message Control Options (MSGCNTL)					

End of Comment					
912	(390)	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 JESMSG LG, that is, the exit should return messages so that they can be written to JESMSG LG. If off, don't write messages to JESMSG LG.
Comment					

IATXSEC Mode (MODE)					

End of Comment					
913	(391)	BITSTRING	1	SSXMODE	IATXSEC Mode
		1... ..		SSXNUCMD	"X'80" JES3 Nuc Task Mode - Set when MODE=NUCTASK is specified on IATXSEC macro

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.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					
914	(392)	BITSTRING 1...	1	SSXFRMOT SSXFOINT	Output Token Format "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					
915	(393)	BITSTRING.... ..1.... ..1.	1	SSXREMOT SSXRMYES SSXRMNO	Remote Job Indicator "X'01" REMOTE=YES "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					
916	(394)	ADDRESS	4	SSXENCRY	Address of length/data to be encrypted
920	(398)	BITSTRING 1... .... .1.. .... ..1.	1	SSXENCME SSXENDES SSXENINS SSXENHAS	Encryption method to be used "X'80" ENCRYPT=(,DES) "X'40" ENCRYPT=(,INST) "X'20" ENCRYPT=(,HASH)
920	(398)	X'398' .... ..1.... ..1.	0	SSXENCRT SSXENCYS SSXENCNO	"SSXENCME" Encryption attribute "X'01" ENCRYPT=YES "X'02" ENCRYPT=NO
----- Comment					
----- 0 Environment-Create or Delete ACEE (ENVIR) 0 ----- 0					
----- End of Comment					
921	(399)	BITSTRING.... ..1.... ..1.	1	SSXENV SSXENVCR SSXENVDL	ENVIRONMENT 0039 "X'01" ENVIRONMENT=CREATE 0039 "X'02" ENVIRONMENT=DELETE 0039

IATYSSX Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
Miscellaneous Read/Only data that applies to the specific IATXSEC function being invoked.					

NJE Information (NJE AUTH calls)					

End of Comment					
924	(39C)	SIGNED	4	SSXNJJEH	Address of NJE job header
928	(3A0)	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					
932	(3A4)	SIGNED	2	SSXWPSLC	WSPSELC (Logical length of WSPSELM)
934	(3A6)	CHARACTER	8	SSXWJNAM	WTRDJNAM (Job Name)
942	(3AE)	CHARACTER	8	SSXWJBID	WTRDJID (Job Id)
950	(3B6)	BITSTRING	24	SSXDDSN	WTRDDSN (Writer DDname)
974	(3CE)	BITSTRING	16	SSXWPSLM	WSPSELM (Selection mask)
990	(3DE)	BITSTRING	1	SSXOPRTY	OSEPRTY (Priority of OSE)
991	(3DF)	BITSTRING	8	SSXODEST	OSEDEST (Destination)
999	(3E7)	CHARACTER	4	SSXOMDID	OSEMODID (Copy Mod Id)
1003	(3EB)	BITSTRING	1	SSXOSTCK	OSESTACK (Stacker required)
1004	(3EC)	CHARACTER	8	SSXOTYPE	OSETYPE (Requested type)
1012	(3F4)	CHARACTER	8	SSXOFRMS	OSEFORMS (Required forms)
1020	(3FC)	CHARACTER	4	SSXOFLSH	OSEFLASH (Required flash)
1024	(400)	CHARACTER	4	SSXOUCS	OSEUCS (Required UCS Id)
1028	(404)	BITSTRING	1	SSXOCLSS	OSECLASS (SYSOUT class)
1029	(405)	CHARACTER	8	SSXOMODE	OSEMODE (Process mode)
1037	(40D)	BITSTRING	1	SSXOFLAG	OSEFLAG (PSO/SAPI call only)
1038	(40E)	CHARACTER	8	SSXOWTRN	OSE WRITER NAME (PSO/SAPI)
1046	(416)	BITSTRING	2	SSXORSVD	Reserved for Development
1048	(418)	ADDRESS	4	SSXOSSSO	Pointer to PSO's IEFSSSO/ SAPI's IAZSSS2
1052	(41C)	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
1053	(41D)	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		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		...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					
1054	(41E)	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					
1055	(41F)	BITSTRING	1	SSXRORS1 (3)	Reserved for IBM
1060	(424)	SIGNED	4	SSXRORS1 (3)	Reserved for IBM
1072	(430)	SIGNED	4	SSXRORS1 (10)	Reserved for IBM

IATYSSX Cross Reference

Name

- SSXAALTR
- SSXACNTL
- SSXACTIA
- SSXAREAD
- SSXASIS
- SSXATTR
- SSXAUCAN
- SSXAUVL
- SSXAUPDT
- SSXAUU01
- SSXAUU02
- SSXAUU03
- SSXAUU04
- SSXAUU05
- SSXAUU06
- SSXAUU07
- SSXAUU08
- SSXAUU09
- SSXAUU10
- SSXAUU11
- SSXAUU12
- SSXAUU13
- SSXAUU14
- SSXAUU15
- SSXAUU16

IATYSSX Cross Reference

Name

SSXAUU17
SSXAUU18
SSXAUU19
SSXAUU20
SSXAUU21

SSXAUU22
SSXAUU23
SSXAUU24
SSXAUU25
SSXAUU26

SSXAUU27
SSXAUU28
SSXAUU29
SSXAUU30
SSXAUU31

SSXAUU32
SSXCLASS
SSXDDSN
SSXDSN
SSXENCME

SSXENCNO
SSXENCRT
SSXENCRY
SSXENCYS
SSXENDES

SSXENHAS
SSXENINS
SSXENTIT
SSXENV
SSXENVCR

SSXENVDL
SSXEXNDF
SSXEXNDL
SSXEXNOD
SSXFOEXT

SSXFOINT
SSXFRMOT
SSXGROUF
SSXGROUL
SSXGROUP

SSXIAALT
SSXIACGP
SSXIACMD
SSXIACOD
SSXIACOF

SSXIACOI
SSXIACSF
SSXIACSI
SSXIADJ1
SSXIADJ2

SSXIADMA
SSXIADMJ
SSXIAFG1
SSXIAGRO
SSXIAGRP

SSXIAGRW
SSXIAISC
SSXIAISD
SSXIAISO
SSXIAMSM

Name

SSXIANIC
SSXIANJC
SSXIANJO
SSXIANOC
SSXIANOS

SSXIANOW
SSXIANRC
SSXIANRR
SSXIANSC
SSXIANUM

SSXIAOGC
SSXIAOGP
SSXIAOSC
SSXIAOSD
SSXIAOSO

SSXIAOSP
SSXIAOSR
SSXIAOSS
SSXIAOSW
SSXIAOS1

SSXIAOS2
SSXIAOS3
SSXIAPUR
SSXIAREA
SSXIASAL

SSXIASIA
SSXIASIO
SSXIASIR
SSXIASOC
SSXIASOO

SSXIASRD
SSXIASRO
SSXIASWB
SSXIASWC
SSXIAUDT

SSXIAUG1
SSXIAUG2
SSXIAUTH
SSXIAU01
SSXIAU02

SSXIAU03
SSXIAU04
SSXIAU05
SSXIAU06
SSXIAU07

SSXIAU08
SSXIAU09
SSXIAU10
SSXIAU11
SSXIAU12

SSXIAU13
SSXIAU14
SSXIAU15
SSXIAU16
SSXIAU17

SSXIAU18
SSXIAU19
SSXIAU20
SSXIAU21
SSXIAU22

IATYSSX Cross Reference

Name

SSXIAU23
SSXIAU24
SSXIAU25
SSXIAU26
SSXIAU27

SSXIAU28
SSXIAU29
SSXIAU30
SSXIAU31
SSXIAU32

SSXIAWD1
SSXIAWD2
SSXIBING
SSXIBINI
SSXIBISI

SSXIBISJ
SSXIBNIS
SSXIBNRS
SSXIBSAD
SSXIBSRL

SSXIBU01
SSXIBU02
SSXIBU03
SSXIBU04
SSXIBU05

SSXIBU06
SSXIBU07
SSXIBU08
SSXIBU09
SSXIBU10

SSXIBU11
SSXIBU12
SSXIBU13
SSXIBU14
SSXIBU15

SSXIBU16
SSXIBU17
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SSXIBU25

SSXIBU26
SSXIBU27
SSXIBU28
SSXIBU29
SSXIBU30

SSXIBU31
SSXIBU32
SSXID
SSXIECOD
SSXIECOF

SSXIECOI
SSXIECSF
SSXIECSI
SSXIEDJN
SSXIEISJ

Name

SSXIENPE
SSXIEU01
SSXIEU02
SSXIEU03
SSXIEU04

SSXIEU05
SSXIEU06
SSXIEU07
SSXIEU08
SSXIEU09

SSXIEU10
SSXIEU11
SSXIEU12
SSXIEU13
SSXIEU14

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SSXIEU28
SSXIEU29

SSXIEU30
SSXIEU31
SSXIEU32
SSXIESTR
SSXIMAD1

SSXIMAD2
SSXIMCD1
SSXIMDJ1
SSXIMDM1
SSXIMINI

SSXIMISE
SSXIMISJ
SSXIMNIJ
SSXIMNIS
SSXIMNJJ

SSXIMNJU
SSXIMNRB
SSXIMNRJ
SSXIMNRS
SSXIMNRT

SSXIMNRX
SSXIMNSD
SSXIMNSE
SSXIMNSJ
SSXIMNST

SSXIMNSX
SSXIMOSD
SSXIMOSN
SSXIMOSO
SSXIMOS2

IATYSSX Cross Reference

Name

SSXIMSIP
SSXIMSMP
SSXIMSTP
SSXIMSVJ
SSXIMSVS

SSXIMU01
SSXIMU02
SSXIMU03
SSXIMU04
SSXIMU05

SSXIMU06
SSXIMU07
SSXIMU08
SSXIMU09
SSXIMU10

SSXIMU11
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SSXIMU15

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SSXIMU23
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SSXIMU26
SSXIMU27
SSXIMU28
SSXIMU29
SSXIMU30

SSXIMU31
SSXIMU32
SSXINDEX
SSXINIMD
SSXITKBL

SSXITKMP
SSXITKXT
SSXIVDJ1
SSXIVDJ2
SSXIVDJ3

SSXIVFYX
SSXIVISJ
SSXIVNIS
SSXIVNIU
SSXIVNJE

SSXIVNJU
SSXIVNVJ
SSXIVNOE
SSXIVNOI
SSXIVNRR

SSXIVNRS
SSXIVNRU
SSXIVRFY
SSXIVRJM
SSXIVSNL

Name

SSXIVU01
SSXIVU02
SSXIVU03
SSXIVU04
SSXIVU05

SSXIVU06
SSXIVU07
SSXIVU08
SSXIVU09
SSXIVU10

SSXIVU11
SSXIVU12
SSXIVU13
SSXIVU14
SSXIVU15

SSXIVU16
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SSXIVU25

SSXIVU26
SSXIVU27
SSXIVU28
SSXIVU29
SSXIVU30

SSXIVU31
SSXIVU32
SSXIXDMD
SSXIXDME
SSXIXJNW

SSXIXNUM
SSXIXPAL
SSXIXSAD
SSXIXSAL
SSXIXSCN

SSXIXSIA
SSXIXSIC
SSXIXSIJ
SSXIXSIR
SSXIXSWB

SSXIXU01
SSXIXU02
SSXIXU03
SSXIXU04
SSXIXU05

SSXIXU06
SSXIXU07
SSXIXU08
SSXIXU09
SSXIXU10

SSXIXU11
SSXIXU12
SSXIXU13
SSXIXU14
SSXIXU15

IATYSSX Cross Reference

Name

SSXIXU16
SSXIXU17
SSXIXU18
SSXIXU19
SSXIXU20

SSXIXU21
SSXIXU22
SSXIXU23
SSXIXU24
SSXIXU25

SSXIXU26
SSXIXU27
SSXIXU28
SSXIXU29
SSXIXU30

SSXIXU31
SSXIXU32
SSXJDEL
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

IATYSSX Cross Reference

Name

SSXUSERF
SSXUSERI
SSXUSERL
SSXUSRMD
SSXUTOKN

SSXVFCRT
SSXVDEL
SSXVFU01
SSXVFU02
SSXVFU03

SSXVFU04
SSXVFU05
SSXVFU06
SSXVFU07
SSXVFU08

SSXVFU09
SSXVFU10
SSXVFU11
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

Name

SSX58RTN
SSX58SAU
SSX58SNU
SSX58UEF
SSX59ACC

SSX59DUM
SSX59MAX
SSX59REJ
SSX59RTN
SSX59SAF
SSX59UEF

IATYSTA Information

IATYSTA Programming Interface information

Programming Interface information

IATYSTA

End of Programming Interface information

Heading Information • IATYSTA Map

IATYSTA Heading Information

Common Name: JES3 Staging Area
Macro ID: IATYSTA
DSECT Name: STADSECT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: STAR
 Offset: STAID
 Length: L'STAID
Storage Attributes: Main Storage: Determined by JESXCF
Size: STASIZE
Created by: IATSSCM
Pointed to by: STACHAIN and STAPREV in IATYSTA
 DSQQHD and DSQQTAIL in IATYDSQ
 MPSTAGE and MPSTATL in IATYMPD
Serialization: NONE
Function: Used to contain the data describing requests for JES3 services, for transport to and from JES3 and related address spaces.

IATYSTA Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	STADSECT	
0	(0)	SIGNED	4	STACHAIN	Pointer to next STAR
4	(4)	SIGNED	4	STAPREV	Pointer to previous STAR
8	(8)	CHARACTER	4	STAID	Staging Area ID
12	(C)	SIGNED	4	STABFLEN	Length of buffer for STAR
16	(10)	SIGNED	4	STARMPC	Address of sending MPC
20	(14)	BITSTRING	1	STARSVDC	Reserved for Development
21	(15)	ADDRESS	3	STATCBAD	Requesting job's TCB
24	(18)	SIGNED	2	STASEAID	ASID of requestor
26	(1A)	SIGNED	2	STAENVEL	Backward displacement from the start of this STAR to the start of the message envelope
28	(1C)	BITSTRING	8	STAMTOKN	Message token for this STAR
36	(24)	SIGNED	4	STAUWK	User Work Area

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

40	(28)	SIGNED	4	STASEC (0)	Beginning of common section
40	(28)	SIGNED	4	STAFSID (0)	Functional Subsystem ID
40	(28)	SIGNED	2	STAFSSID	FSS portion of FSID
42	(2A)	SIGNED	2	STAFSAID	FSA portion OF FSID
44	(2C)	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

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... ..1.		STAEOMT	"X'02" EOM/T request
45	(2D)	BITSTRING	1	STAFUNC	SSOB or DEST code
46	(2E)	BITSTRING	1	STAMOD	Request Modification number
47	(2F)	BITSTRING	1	STAREID	Receiving system ID (MPSYSID)
48	(30)	BITSTRING	1	STASEID	Sending system ID (SVTSYSID)
49	(31)	BITSTRING	1	STAPRTY	Priority
50	(32)	BITSTRING	1	STAXRSD1 (2)	Reserved for Development
52	(34)	SIGNED	4	STAXRSD2	Reserved for Development
56	(38)	SIGNED	4	STAXRSS	Reserved for Service
60	(3C)	SIGNED	4	STAFLAGA (0)	SEL/Staging area Flags
60	(3C)	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
61	(3D)	BITSTRING	1	STAFLAG2	Flag byte 2

Comment

 Definition of flags in SEL/STAR Flag byte #2

 End of Comment

		..1.		STAGCC	"X'20" GC Function Complete
62	(3E)	BITSTRING	0	STASECL (0)	Section length
62	(3E)	BITSTRING	1	STAFLAG3	Flag Byte 3

Comment

 Definition of flags in STAR Flag byte #3

 End of Comment

		1...		STARSDL	"X'80" SA is residual over restart
		.1..		STARSNT	"X'40" SA was resent over restart
		..1.		STARXTOK	"X'20" Reply exit will purge original request
		.... 1...		STAIPLD	"X'08" SA from an IPL'd local
63	(3F)	BITSTRING	1	STAFLAG4	Flag Byte 4

Comment

 Definition of flags in STAR Flag byte #4

 End of Comment

64	(40)	BITSTRING	1	STAUFLG	User Flags
----	------	-----------	---	---------	------------

Comment

 Definition of flags in STAUFLG

 End of Comment

		1...		STACTIVE	"X'80" Active Staging area
--	--	-----------	--	----------	----------------------------

IATYSTA Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.1..		STADYNQD	"X'40" SA queued for DYNAL
		..1.		STADTMDS	"X'20" DYN SA sent to MDS
		...1		STARECUR	"X'10" Staging area recursion, set after STAR processed by a JESTAE/RETRY. Used to prevent recursive ABENDs.
		.... 1...		STACOMP	"X'08" Staging area processing is complete
		.... ..1.		STAINCOM	"X'02" Staging area processing incomplete
65	(41)	BITSTRING	1	STARSVS1 (3)	Reserved for Service
68	(44)	SIGNED	4	STATIMES	Time stamp, used by JMF
72	(48)	DBL WORD	8	STATODC	Time-of-day clock from SSCM
80	(50)	SIGNED	4	STARESU	Reserved for User
84	(54)	SIGNED	4	STARSDV (2)	Reserved for Development
92	(5C)	SIGNED	2	STARSDH	Reserved for Development
92	(5C)	X'5E'	0	STAHLEN	**"STADSECT" Length of standard header

Comment

STANDARD-LENGTH STAGING AREAS ARE GOTTEN FROM A QUICK-CELL POOL WITH A CELL LENGTH OF 1024 BYTES. THE LAST FULL WORD IN EACH CELL IS USED BY QUICK-CELL. THE REMAINDER OF THE STAGING AREA, LESS THE STANDARD HEADER, IS AVAILABLE FOR USER DATA.

End of Comment

92	(5C)	X'3A2'	0	STAULEN	"1024-STAHLEN" LENGTH OF USER DATA AREA
94	(5E)	BITSTRING	0	STADATA (0)	DATA AREA
94	(5E)	SIGNED	2	STARECL	DATA RECORD LENGTH
96	(60)	CHARACTER	1	STASDAT (0)	USER DATA TO BE SENT

Comment

MDSIZE = 4080 - (IOSBE-IOSB+SRBE-SRB+STAHLEN)

End of Comment

96	(60)	X'EBA'	0	STAMDSZE	"3770" MAX GETMAINED DATA SIZE
96	(60)	X'400'	0	STAEND	*** END OF STAGING AREA
96	(60)	X'3A2'	0	STADSZE	"(STAEND-STADATA)" SIZE OF DATA SECTION
96	(60)	X'400'	0	STASIZE	"(STAEND-STADSECT)" SIZE OF STAGING AREA
1024	(400)	DBL WORD	8	STAGEND (0)	END ALIGNED ON DBLWORD BDRY
1024	(400)	X'400'	0	STAGSIZE	"(STAGEND-STADSECT)" SIZE OF STAR ON DW BDRY
1024	(400)	X'EA02'	0	STAMXDSZ	"60000-STAHLEN" Maximum amount of data supported by JESXCF that can be transported in a staging area

Comment

IF THE LENGTH OF THE STAGING AREA AS DEFINED HERE EXCEEDS 1024 BYTES, THE FOLLOWING STATEMENT WILL CAUSE AN ASSEMBLY ERROR.

End of Comment

1024	(400)	BITSTRING	1	STALTEST (0)	ENSURE LENGTH LT 1025
------	-------	-----------	---	--------------	-----------------------

IATYSTA Cross Reference**Name**

STAACK
STABFLEN
STACHAIN
STACOMM
STACOMP

STACTIVE
STADATA
STADSECT
STADSZE
STADTMDS

STADYNQD
STAEND
STAENVEL
STAEOMT
STAFLAGA

STAFLAG1
STAFLAG2
STAFLAG3
STAFLAG4
STAFSAID

STAFSID
STAFSSID
STAFUNC
STAGCC
STAGEND

STAGSIZE
STAHDLN
STAIID
STAINCOM
STAIPLD

STAJES3
STALTEST
STAMDSZE
STAMOD
STAMTOKN

STAMXDSZ
STAPREV
STAPRTY
STAPURG
STARECL

STARECUR
STAREID
STAREPLY
STARESP
STARESU

STARMPC
STARSDH
STARSDL
STARSDV
STARSNT

STARSVDC
STARSVS1
STARXTOK
STASDAT
STASEAID

IATYSTA Cross Reference

Name

STASEC
STASECL
STASEID
STASIZE
STATCBAD

STATIMES
STATINDP
STATJES3
STATODC
STATYPE

STAUFLG
STAULEN
STAUWK
STAWAIT
STAXRSD1

STAXRSD2
STAXRSS

IATYSTT Information

IATYSTT Heading Information

Common Name: SINGLE TRACK TABLE (STT)
Macro ID: IATYSTT
DSECT Name: STTSTART, STTENTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: STT
 Offset: STTID
 Length: 4
Storage Attributes: Auxiliary Storage: N/A
 Subpool: 0 (JESPOOL)
 Key: 1 (JESKEY)
 Residency: ANY
Size: STTHDSZ (FOR STTSTART),
 STTFIXL (FOR STTENTRY)
Created by: IATINST (FOR MAIN STT),
 IATDMST (FOR EXPANSION STT)
Pointed to by: JBTSTT IN IATYJBT,
 STTEXPND ROUTINE IN IATDMST
Serialization: NONE
Function: This macro describes Single Track Table (STT) entries.

IATYSTT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	STTSTART	,
0	(0)	CHARACTER	4	STTID	DATA AREA IDENTIFIER
4	(4)	ADDRESS	4	STTNEXT	ADDRESS OF NEXT STT, IF ANY
8	(8)	SIGNED	4	STTSIZE	TOTAL STT SIZE, IN BYTES
12	(C)	ADDRESS	4	STTSCAN	STT FIXED SEGMENT FOR NEXT REQUEST
16	(10)	SIGNED	2	STTSCANL	NUMBER OF FIXED SEGMENTS REMAINING
18	(12)	SIGNED	2	STTNSTT	NUMBER OF FIXED SEGMENTS THIS STT
20	(14)	BITSTRING	1	STTFLG1	CONTROL FLAG

Comment

 DEFINITION OF BITS IN STTFLG1

End of Comment

1...	....	STTJCT	"X'80"	THIS STT FOR JCT DATASET
.1..	....	STTCKEXT	"X'40"	CHECKPOINT EXT FOR EXPANSION SEGMENT
..1.	....	STTPRIM	"X'20"	BIT ON = STT PRIMARY SEGMENT. BIT OFF = STT EXPANSION SEGMENT.
...1	....	STTMVACT	"X'10"	STT move is active

Comment

End of Comment

21	(15)	BITSTRING	1	STTRSVU	RESERVED FOR USER
22	(16)	SIGNED	2	STTRSDV	RESERVED FOR DEVELOPMENT
22	(16)	X'18'	0	STTHDEND	*** END OF FIXED PORTION.
22	(16)	X'18'	0	STTHDSZ	"STTHDEND-STTSTART" SIZE OF HEAD PORTION

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	STTENTRY	,
0	(0)	SIGNED	4	STTRECCT	Number of spool records in this STT segment

IATYSTT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
4	(4)	SIGNED	2	STTERSVD	Reserved for development/service
6	(6)	BITSTRING	1	STTSPADR	M.R OF FIRST RECORD IN STT
6	(6)	X'6'	0	STTSPMOD	"STTSPADR,L'FDBSPMOD" MODULE NUMBER OF SPOOL EXT
6	(6)	X'8'	0	STTSPREC	"STTSPADR+L'FDBSPMOD,L'FDBSPREC" RECORD NUM OF EXT
12	(C)	SIGNED	4	STTAVAIL	Number of available records
16	(10)	SIGNED	4	STTLEN	Size of this entry in bytes
20	(14)	BITSTRING	1	STTEFLG1	ENTRY CONTROL FLAG

Comment

 DEFINITION OF STTEFLG1

End of Comment

1...
 .1..

STTBDTRK
 STTDRAIN

"X'80" BADTRACK FOR THIS EXTENT
 "X'40" DRAINED STT ENTRY

Comment

End of Comment

20 (14) X'15'
 20 (14) X'15'

0 STTBITS
 0 STTFIXL

*** START OF BIT MAP
 "STTBITS-STTENTRY" SIZE OF FIXED AREA.

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	STTMDSCT	
0	(0)	CHARACTER	4	STTMID	File ID in EBCDIC
4	(4)	BITSTRING	1	STTMEID	Entry ID (see below)
5	(5)	BITSTRING	1	STTMRSVD	Reserved for IBM 17338TBA
6	(6)	BITSTRING	1	STTMFLAG	Entry flags

Comment

 Definition of STTMFLAG

End of Comment

1...
 .1..
1.

STTMACC
 STTMREFR
 STTMEXRT

"X'80" ID being accessed
 "X'40" The checkpoint FDB was refreshed
 "X'02" Field STTMOVEA represents a move routine address

.... ..1
 7 (7) BITSTRING
 8 (8) DBL WORD
 16 (10) ADDRESS
 20 (14) ADDRESS
 24 (18) ADDRESS
 28 (1C) SIGNED

1 STTMBUFA
 8 STTMDSPN
 8 STTMTOD
 4 STTMFCTA
 4 STTMFDBA
 4 STTMOVEA
 4 STTMRSV2

"X'01" Work FDB keeps buffers in storage
 DSP number of lock holder
 Lock time TOD stamp 17338TBA
 FCT address of lock holder
 Address of the root FDB
 Move routine address if any
 Reserved for IBM

Comment

----- 17338TBA
 Trace entries (oldest first) 17338TBA
 ----- 17338TBA

End of Comment

32 (20) BITSTRING
 34 (22) BITSTRING

2 STTMT1RS
 1 STTMT1FL

Reserved for IBM 17338TBA
 Flags 17338TBA

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
35	(23)	BITSTRING	1	STTMT1DS	DSP number 17338TBA
36	(24)	BITSTRING	8	STTMT1TM	TOD 17338TBA
44	(2C)	SIGNED	4	STTMT1FC	FCT address 17338TBA
48	(30)	BITSTRING	2	STTMT2RS	Reserved for IBM 17338TBA
50	(32)	BITSTRING	1	STTMT2FL	Flags 17338TBA
51	(33)	BITSTRING	1	STTMT2DS	DSP number 17338TBA
52	(34)	BITSTRING	8	STTMT2TM	TOD 17338TBA
60	(3C)	SIGNED	4	STTMT2FC	FCT address 17338TBA
60	(3C)	X'40'	0	STTMEND	*** End of table entry 16898TBA
60	(3C)	X'E'	0	STTMTRSZ	** -STTMT2FL" Size of one trace entry 17338TBA
60	(3C)	X'40'	0	STTMESZE	** -STTMDSCT" Entry size

Comment

List of checkpoint Id constants

End of Comment

60	(3C)	X'1'	0	STTIBCK	"1" BCK id
60	(3C)	X'2'	0	STTICSB	"2" CSB id
60	(3C)	X'3'	0	STTIDDC	"3" DDC id
60	(3C)	X'4'	0	STTIDLF	"4" DLF id
60	(3C)	X'5'	0	STTIDMP	"5" DMP id
60	(3C)	X'6'	0	STTIDYN	"6" DYN id
60	(3C)	X'7'	0	STTIFCK	"7" FCK id
60	(3C)	X'8'	0	STTIGMS	"8" GMS id
60	(3C)	X'9'	0	STTIJST	"9" JST id
60	(3C)	X'A'	0	STTILCP	"10" LCP id
60	(3C)	X'B'	0	STTINCB	"11" NCB id
60	(3C)	X'C'	0	STTINCK	"12" NCK id
60	(3C)	X'D'	0	STTIOCK	"13" OCK id
60	(3C)	X'E'	0	STTIOSC	"14" OSC id
60	(3C)	X'F'	0	STTISMR	"15" SMR id
60	(3C)	X'10'	0	STTITCK	"16" TCK id
60	(3C)	X'11'	0	STTIVUT	"17" VUT id
60	(3C)	X'11'	0	STTIMAX	"17" Maximum value

IATYSTT Cross Reference

Name

STTAVAIL
 STTBDTRK
 STTBITS
 STTCKEXT
 STTDRAIN

 STTEFLG1
 STTENTRY
 STTERSVD
 STTFIXL
 STTFLG1

 STTHDEND
 STTHDSZ
 STTIBCK
 STTICSB
 STTID

 STTIDDC
 STTIDLF
 STTIDMP
 STTIDYN
 STTIFCK

IATYSTT Cross Reference

Name

STTIGMS
STTIJST
STTILCP
STTIMAX
STTINCB

STTINCK
STTIOCK
STTIOSC
STTISMR
STTITCK

STTIVUT
STTJCT
STTLEN
STTMACC
STTMBUFA

STTMDSCT
STTMDSPN
STTMEID
STTMEND
STTMESZE

STTMEXRT
STTMFCTA
STTMFDBA
STTMFLAG
STTMID

STTMOVEA
STTMREFR
STTMRSVD
STTMRSV2
STTMTOD

STTMTRSZ
STTMT1DS
STTMT1FC
STTMT1FL
STTMT1RS

STTMT1TM
STTMT2DS
STTMT2FC
STTMT2FL
STTMT2RS

STTMT2TM
STTMVACT
STTNEXT
STTNSTT
STTPRIM

STTRECCT
STTRSVD
STTRSVU
STTSCAN
STTSCANL

STTSIZE
STTSPADR
STTSPMOD
STTSPREC
STTSTART

IATYSUP Information

IATYSUP Programming Interface information

Programming Interface information

IATYSUP

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

- SUPADD
- SUPLNRTT
- SUPRMRTT
- SUPUCB
- SUPLNOBF
- SUPRMBUF
- SUPRMUSR

End of Programming Interface information

Heading Information • IATYSUP Map

IATYSUP Heading Information

Common Name: FORMAT OF EACH SUPPORT UNITS TABLE ENTRY
Macro ID: IATYSUP
DSECT Name: SUPSTART, SUPINISH, SUPRMDEV, SUPLINE
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: JESPOOL
 Auxiliary Storage: N/A
Size: SUPSTART - SUPFSSIZ
 SUPINISH - SUPISIZ
 SUPRMDEV - SUPRSIZE
 SUPLINE - SUPLINSZ
Created by: IATINDEV
Pointed to by: CONSUP in IATYCND
 DVESUP in IATYDVE
 GLADDR in IATYFCT
 FSASUPPT in IATYFSA
 LCBFISU in IATYLCB
 LCBFOSUP in IATYLCB
 MPSYSADD in IATYMPC
 RDSSUP in IATYRDS
 RTTSUPAD in IATYRLT
 SRDFPTR in IATYSRD
 SRDFPUN in IATYSRD
 SUPCHAIN in IATYSUP
 SUPGRPCH in IATYSUP
 SUPLNSAD in IATYSUP
 SUPRMSAD in IATYSUP
 SUPTYPC in IATYSUP
 PRSUPADD in IATYTPR
 TPSUPADD in IATYTPR
 PRTAB in IATYTVT
 PUNTAB in IATYTVT
 RJDISUP in IATYRDI
 SUPUNITS in IATYTVT
 SYSTAB in IATYTVT
 WSBSUPAD in IATYWSB
 WSPASUP in IATYWSP
 WTRDINTS in IATYWTR
 WTRDSUPI in IATYWTR
 WTRDSUPO in IATYWTR
 WTROSUPO in IATYWTR
 TVTNTSV in IATYTVT
Serialization: None
Function: THE SUPUNITS TABLE PROVIDES INFORMATION
 ON THE CURRENT STATUS OF GLOBAL DEVICES.

IATYSUP Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SUPSTART	
0	(0)	CHARACTER	8	SUPTYPE (0)	SUPPORT DEVICE TYPE
0	(0)	CHARACTER	3	SUPTGEN	GENERAL DEVICE TYPE
3	(3)	CHARACTER	5	SUPTSPEC	SPECIFIC DEVICE TYPE
8	(8)	CHARACTER	8	SUPDD	SUPPORT DEVICE DDNAME
16	(10)	CHARACTER	8	SUPGROUP	DEVICE ORIGIN GROUP NAME
24	(18)	ADDRESS	4	SUPCHAIN	NEXT SUPUNITS ENTRY ADDRESS
28	(1C)	ADDRESS	4	SUPTYPC	NEXT ENTRY OF SAME GEN TYPE
32	(20)	ADDRESS	4	SUPGRPCH	NEXT ENTRY OF SAME GROUP
36	(24)	ADDRESS	4	SUPDCT (0)	RJP DCT ADDRESS
36	(24)	ADDRESS	4	SUPADD	SYSUNITS ENTRY ADDRESS
36	(24)	X'26'	0	SUPSYSIX	"SUPADD+2,2" SYSUNITs index that was assigned (valid during JES3 initialization only)
40	(28)	ADDRESS	4	SUPUCB	SUPPORT DEVICE UCB ADDRESS
44	(2C)	ADDRESS	4	SUPDEVAD	SUPPORT DEVICE NUMBER

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
48	(30)	ADDRESS	4	SUPUCB2 (0)	ALT PATH CTC UCB ADDR
Comment					
5 lines deleted by apar OW43908					
End of Comment					
48	(30)	ADDRESS	4	SUPDCB	DCB ADDRESS
52	(34)	SIGNED	4	SUPDVAD2 (0)	ALT PATH CTC DEV NUMBER
52	(34)	ADDRESS	4	SUPRSVR1	Reserved for service
Comment					

```

IATYCND_1;
START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  5647-A01 COPYRIGHT IBM CORP. 1989, 2010
  STATUS= HJS7770
END_OF_PROPRIETARY_STATEMENT
  This data area is maintained as a CASE mapping macro.
  Changes should be made to the CASE source and then
  the PLX and Assembler should be regenerated.
  Do NOT make changes to the PLX or Assembler directly!
01 Descriptive Name: Console Destination Block
  Acronym: CNDB
01 Macro Name: IATYCND_1
01 DSECT Name: IATYCND_1
  --based variable for storage mapping
01 Component: JES3 (SC1BA)
01 Function:
02 The console destination block is a control block that
  contains information related to the destination that
  messages should be sent to. This control block is built
  as commands are entered into to the system and is used by
  command processors as a destination for where to return
  messages to. The control block is imbedded in other
  control blocks and the size of the data area must not
  change (otherwise a JES3 cold start is required). The
  data is referenced by non-source maintained modules, so
  offsets into the data area must not change.
01 Eye-Catcher: CNDBEYE
02 Offset: 4
02 Length: 4
01 Language: PL/X
01 Storage Attributes:
02 Allocation Method: Imbedded within other control blocks
02 Main Storage: 94
02 Virtual Storage: 94
  
```

IATYSUP Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
02		Auxiliary Storage: 94			
02		Subpool: n/a			
02		Key: 1			
02		Data Space: N/A			
02		Residency: any			
02		Frequency: n/a			
02		Size: 94			
02		Created by: n/a			
02		Deleted by: n/a			
02		Pointed to by: Imbedded within other control blocks			
02		Serialization: none			
01		EXTERNAL CLASSIFICATION: DMTI			
01		END OF EXTERNAL CLASSIFICATION:			
01		Method Of access:			
02		ASM: IATYCNDB			
02		PLX: %INCLUDE SYSLIB(IATYCNDB)			
01		CHANGE ACTIVITY:			
		\$QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support			
		\$RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init			
		\$T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0			
		CASE/390 - VERSION 49			
		END OF SPECIFICATIONS			

%					
End of Comment					
56	(38)	SIGNED	4	SUPCNDB (0)	IATYCNDB.27: based variable for storage mapping
56	(38)	SIGNED	4		Four byte console id 0176
60	(3C)	CHARACTER	4		IATYCNDB eyecatcher
64	(40)	ADDRESS	4		IATYCNDB version
68	(44)	BITSTRING	8		Reserved for development
76	(4C)	BITSTRING	8		Console Name 0176
84	(54)	BITSTRING	24		Reserved for development
108	(6C)	SIGNED	2		Reserved for development
110	(6E)	BITSTRING	40		Reserved for development
150	(96)	SIGNED	2	SUPTOTL	TOTAL SIZE OF THIS ENTRY
152	(98)	SIGNED	2	SUPLRECL	EXCHANGE RECORD LENGTH
154	(9A)	BITSTRING	1	SUPFLAG0	EXCH PRT TYPE FLAGS
		1...		SUPF0EX	"X'80" EXCHANGE DEVICE
		.1..		SUPF0BEX	"X'40" BASIC EXCHANGE DEVICE
		..1.		SUPFLOVF	"X'20" IND. SEND NO SVF
		...1		SUPFDENS	"X'10" SEND LINE DENSITY W/SVF
		.... 1...		SUPPDALL	"X'08" SEND PDIR ALL DATA SETS
		.... ..1.		SUPFLOED	"X'02" IND. EDS FOR SETUP
155	(9B)	BITSTRING	1	SUPESADR	EXCHANGE DEVICE SUBADDR
156	(9C)	SIGNED	2	SUPRSVDU (2)	RESERVED FOR USER
160	(A0)	SIGNED	4	SUPFLAGS (0)	SUPUNITS FLAG BYTES
160	(A0)	BITSTRING	1	SUPFLAG1	SUPUNITS FLAG 1

Comment					

DEFINITION OF SUPFLAG1					

End of Comment					
		1...		SUPOFFLN	"X'80" DEVICE VARIED OFFLINE
		.1..		SUPRJPOF	"X'40" REMOTE DEVICE NOT AVAILABLE
		..1.		SUPSHARE	"X'20" DEVICE SHARED WITH MAIN
		...1		SUPPON	"X'10" VARY ONLINE IN PROGRESS
		.... 1...		SUPGPASG	"X'08" DEVICE'S GROUP IS ASSIGNED
		.... .1..		SUPALLOC	"X'04" OS ALLOCATED
		.... ..1.		SUP3211W	"X'02" 3211 WORK AREA OBTAINED
		.... ...1		SUPPWTR	"X'01" DYNAMIC WRITER PENDING
161	(A1)	BITSTRING	1	SUPFLAG2	SUPUNITS FLAG 2

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- DEFINITION OF SUPFLAG2 -----					
End of Comment					
		1... ..		SUPRJPLN	"X'80" RJP LINE
		.1... ..		SUPRJPDV	"X'40" RJP DEVICE
		..1... ..		SUPRJPAL	"X'20" RJP DEVICE IS ALLOCATED
		...1... ..		SUPRJAB	"X'10" RJP LINE IS ABORTING
		.... 1...		SUPCONDV	"X'08" CONSOLE DEVICE
		.... .1..		SUPCONAL	"X'04" CONSOLE DEVICE ALLOCATED
		.... ..1.		SUPWTRTM	"X'02" WTR WILL TERMINATE ON COMPL
		.... ...1		SUPRJBST	"X'01" RJP BRST OR HDR
162	(A2)	BITSTRING	1	SUPRSVD4	RESERVED FOR DEVELOPMENT
163	(A3)	BITSTRING	1	SUPFLAGX	ASYNCHRONOUSLY CHANGING FLAG
----- DEFINITION OF SUPFLAGX THIS FLAG MUST BE MODIFIED WITH THE SUPFLAG MACRO (COMPARE AND SWAP) -----					
End of Comment					
		1... ..		SUPNTRDY	"X'80" DEVICE NOT READY
		.1... ..		SUPSNBDS	"X'40" SNA BDS IS PENDING
164	(A4)	ADDRESS	4	SUPRSVS1	RESERVED FOR SERVICE
168	(A8)	BITSTRING	1	SUPFLAG3	FLAG BYTE
168	(A8)	X'A8'	0	SUPSNAG3	"SUPFLAG3" SNA RJP DEVICE FLAG
		1... ..		SUPSNADV	"X'80" SNA RJP DEVICE MASK
		.1... ..		SUPSNANS	"X'40" NO SESSION AVLABL FOR CONS
		..1... ..		SUPSNAEJ	"X'20" SEND EJECT FOR SIM CONSOLE
		...1... ..		SUPRJAC	"X'10" SNA CONSOLE ACTIVE
		.... 1...		SUPJUNIT	"X'08" JUNIT PARAMETER SPECIFIED
		.... .1..		SUPRAVAL	"X'04" Remote console is available (RTT and SUP connection is valid)
169	(A9)	BITSTRING	1	SUPFLAG4	FLAGS
----- DEFINITION OF SUPFLAG4 -----					
End of Comment					
		1... ..		SUPCHOR	"X'80" CHANNEL-ORIENTED. COMPLETION AT CHANNEL END OR DEV END
		.1... ..		SUPNJESN	"X'40" VARIED OFF BY IATNTSD
		..1... ..		SUPAMBIG	"X'20" DEVICE NUMBER IN SUPDEVAD IS AMBIGUOUS - SUPDD (JNAME) MUST BE USED
		...1... ..		SUPFSS	"X'10" DEVICE MAY BE FSS SUPPORTED
		.... 1...		SUPVRSET	"X'08" RMT DEV'S REQ SETUP AFTER VARY OFF
		.... .1..		SUPSWTR	"X'04" SELECTIVE WTR START
		.... ..1.		SUPFSSO	"X'02" FSS ONLY OPERATED DEVICE
		.... ...1		SUPOFFP	"X'01" DEV OFFLINE DUE TO NO PATHS
170	(AA)	BITSTRING	1	SUPFLAG5	Flag 5

IATYSUP Map

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

Definition of SUPFLAG5					

End of Comment					
		1...		SUPDYNAD	"X'80" This device was added dynamically via the *F,CONFIG command
		.1..		SUPDYNCU	"X'40" This device was added by the current *F,CONFIG command
		..1.		SUPDYNFS	"X'20" This FSS device was added by the most current *F,CONFIG command
		...1		SUPASNRQ	"X'10" Device assignment is required even though the FSS associated with this device is active
		.... 1...		SUPDEFMS	"X'08" Device is a default SYSMAIN
171	(AB)	BITSTRING	1	SUPRSVD1	RESERVED FOR DEVELOPMENT
172	(AC)	SIGNED	2	SUPCHNSZ	Default chain size for this device
174	(AE)	SIGNED	2	SUPRSVD2	Reserved for development
176	(B0)	SIGNED	4	SUPRSVS2	RESERVED FOR SERVICE
180	(B4)	SIGNED	4	SUPRSVU2	RESERVED FOR USER
184	(B8)	SIGNED	4	SUPFEND (0)	END OF FIXED AREA
Comment					
For NETSERVs, IATYNTSV information follows SUPFEND contiguously in storage.					
End of Comment					
184	(B8)	BITSTRING	1	SUPFSIZE (0)	SUPUNITS FIXED SIZE
Comment					
FORMAT OF PRINT/PUNCH VARIABLE SEGMENT					
End of Comment					
184	(B8)	CHARACTER	8	SUPFORMS	CURRENT FORMS
192	(C0)	SIGNED	4	SUPTABRC (0)	VALID TRC'S - 3800
192	(C0)	ADDRESS	4	SUPTRTAB	ADDRESS OF TRANSLATE TABLE
196	(C4)	BITSTRING	1	SUPPRFL1	EXTENSION FLAG BYTE 1
Comment					

DEFINITION OF SUPPRFL1					

End of Comment					
		1...		SUPFRSET	"X'80" FORMS CAN'T BE CHANGED
		.1..		SUPTRSET	"X'40" TRAIN CAN'T BE CHANGED
		..1.		SUPFLSET	"X'20" FLASH CAN'T BE CHANGED
		...1		SUPCMSET	"X'10" COPY MOD CAN'T BE CHANGED
		.... 1...		SUPSTSET	"X'08" STACKER CAN'T BE CHANGED
		.... .1..		SUPCTSET	"X'04" CTAPE/FCB CAN'T BE CHANGED
		.... ..1.		SUPCLPRJ	"X'02" CLRPRJ AT JOB LEVEL
		.... ...1		SUPCLPRD	"X'01" CB=D CODED ON DEVICE CARD
Comment					
IF BOTH SUPCLPRJ AND SUPCLPRD ARE OFF, CB=N IS IN EFFECT.					
End of Comment					
197	(C5)	BITSTRING	1	SUPPRFL2	EXTENSION FLAG BYTE 2

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Comment -----					
----- DEFINITION OF SUPPRFL2 -----					
----- End of Comment -----					
		1... ..		SUPXLATE	"X'80" DEVICE REQUIRES TRANSLATE
		.1.. ..		SUPHEADR	"X'40" HEADER RECORDS REQUIRED
		..1.		SUPBURST	"X'20" BURST RECORDS REQUIRED
		...1		SUPPRMAN	"X'10" MANUAL MODE
		.... 1..		SUPLNMAX	"X'08" LNL IS MAX VALUE
		.... .1..		SUPPRSET	"X'04" SETPRT ACTIVE THIS PRTR.
		.... ..1.		SUPMARK	"X'02" MARK FORMS REQUIRED
		.... ...1		SUPSETUP	"X'01" DEVICE HAS BEEN SETUP
198	(C6)	BITSTRING	1	SUPPRFL3	FLAG BYTE 3
----- Comment -----					
----- DEFINITION OF SUPPRFL3. -----					
----- End of Comment -----					
		1... ..		SUPBTSS	"X'80" DEVICE HAS BTSS
		.1.. ..		SUPCGS2	"X'40" DEVICE HAS CGS = 2
		..1.		SUPUCSOP	"X'20" DEVICE HAS UCS FEATURE
		...1		SUPWTRE	"X'10" OWNING WTR FCT TERMINATING
		.... 1..		SUPPPS	"X'08" PAGE PRINTING DEVICE
		.... .1..		SUP3525R	"X'04" D/T3525 READ FEATURE
		.... ..1.		SUPDVAVL	"X'02" DEVICE AVAIL FOR USE
		.... ...1		SUPDIAG	"X'01" DIAGNOSTIC MODE
199	(C7)	BITSTRING	1	SUPMODRC	COPY MOD REFERENCE CHAR.
200	(C8)	BITSTRING	1	SUPPMCT	PROCESS MODE LIST COUNT
201	(C9)	BITSTRING	8	SUPPMPT	PROCESS MODE LIST INDEXES
209	(D1)	BITSTRING	3	SUPRSV02	RESERVED FOR SERVICE
212	(D4)	SIGNED	4	SUPPRLNL	DEVICE RECORD LIMIT
216	(D8)	BITSTRING	1	SUPINCNT	INPUT READ SIZE
217	(D9)	CHARACTER	1	SUPSTACK	CURRENT STACKER
217	(D9)	X'C3'	0	SUPCFS	"C'C" CONTINUOUS FORMS STACKER
217	(D9)	X'E2'	0	SUPBTS	"C'S" BURSTER-TRIMMER-STACKER USED
218	(DA)	SIGNED	2	SUPCKPNT	CHECKPOINT INTERVAL
220	(DC)	CHARACTER	4	SUPUCS (4)	CURRENT IMAGE ID'S
236	(EC)	CHARACTER	8	SUPCARR	CURRENT CTAPE/FCB ID
244	(F4)	CHARACTER	4	SUPFLASH	CURRENT FLASH ID
248	(F8)	CHARACTER	4	SUPMODID	CURRENT COPY MOD ID
252	(FC)	SIGNED	2	SUPFCKPT	CHECKPOINT INTERVAL PAGE/SEC
254	(FE)	BITSTRING	2	SUPRSVS4	RESERVED FOR SERVICE
256	(100)	ADDRESS	4	SUPWAREA	ADDR OF WRITER WORK AREA
260	(104)	BITSTRING	1	SUPCMFLG	PRINTER DEVICE COMPATIBILITY
----- Comment -----					
----- DEFINITION OF SUPCMFLG -----					
----- End of Comment -----					
		1... ..		SUP3211	"X'80" 3211-COMPATIBLE DEVICE
		.1.. ..		SUP4245	"X'40" 4245-COMPATIBLE DEVICE
		..1.		SUP3800	"X'20" 3800-COMPATIBLE DEVICE - 3800 MOD 3 OR 3800 MOD 8
		...1		SUP3820	"X'10" 3820-COMPATIBLE DEVICE
		.... 1..		SUPAFP1	"X'08" AFP1-COMPATIBLE DEVICE

IATYSUP Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
261	(105)	BITSTRING	1	SUPPRFL4	EXTENSION FLAG BYTE 4
Comment					
----- DEFINITION OF SUPPRFL4 -----					
End of Comment					
		1... ..		SUPPGMAX	"X'80" IF ON, SUPPGLIM IS MAX PAGE COUNT FOR SCHEDULING - IF OFF, SUPPGLIM IS MIN PAGE COUNT
		.1.. ..		SUPNNPRO	"X'40" RUN-OUT INT NOT TO BE USED
		..1. ..		SUPNDYNC	"X'20" INDICATES DEVICE MAY NOT BE USED AS A DYNAMIC WRITER
		...1 ...		SUPDGRPY	"X'10" DGROUP-ONLY ON BIT
		.... 1..		SUPCKPTP	"X'08" CHPNT INTERVAL IS IN PAGES
		.... .1..		SUPCKPTS	"X'04" CHPNT INTERVAL IS IN SECONDS
		.... ..1.		SUPNOSET	"X'02" IF ON, SUPPRESS THE SETUP MESSAGE (IAT7030) - CHECKPOINTED IN THE FSA
262	(106)	BITSTRING	1	SUPTMOEX SUPFSFLG	"X'01" The timeout value for DYN was explicitly specified FSS DEVICE FLAG BYTE
Comment					
----- DEFINITION OF SUPFSFLG (Corresponds to FSAFSFLG in IATYFSA) -----					
End of Comment					
		1... ..		SUPDVASG	"X'80" FSS DEVICE NUMBER ASSIGNED
		.1.. ..		SUPMFSS	"X'40" DEVICE IN FSS MODE - VALID ONLY WHEN SUPFSS IS SET
		..1.		SUPMCOMP	"X'20" DEVICE IN COMP MODE - VALID ONLY WHEN SUPFSS IS SET
		...1		SUPNUCB	"X'10" FSS DEVICE HAS NO MVS UCB - VALID ONLY WHEN SUPFSSO IS SET
		.... 1..		SUPFSINT	"X'08" FSS DEVICE HAS AN INTERVENTION CONDITION
		.... .1..		SUPPDCHR	"X'04" JES3 DEFAULT CHARS ARE NOT SENT TO THE FSS
		.... ..1.		SUPPDFCB	"X'02" JES3 DEFAULT FCB IS NOT SENT TO THE FSS
		.... ...1		SUPFSDNR	"X'01" FSS DEVICE HAS A DEVICE NOT RESPONDING CONDITION
263	(107)	BITSTRING	1	SUPPRFL5	Printer flag 5
Comment					
----- Definition of SUPPRFL5 -----					
End of Comment					
		1... ..		SUPIDLE	"X'80" This device has an idle hot writer
		.1.. ..		SUPHWWQ	"X'40" This device has a writer on the wait queue
		..1.		SUPP5R20	"X'20" Reserved for IBM
		...1		SUPP5R10	"X'10" Reserved for IBM
		.... 1..		SUPP5R08	"X'08" Reserved for IBM
		.... .1..		SUPP5R04	"X'04" Reserved for IBM
		.... ..1.		SUPP5R02	"X'02" Reserved for IBM
		.... ...1		SUPP5R01	"X'01" Reserved for IBM
264	(108)	SIGNED	4	SUPPGLIM	PAGELIM FROM DEVICE STMT
268	(10C)	SIGNED	4	SUPTMOUT	Writer timeout value in seconds

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
272	(110)	SIGNED	4	SUPNPRO	RUN-OUT INTERVAL IN SECONDS ZERO = IMMEDIATE RUN-OUT 9
276	(114)	BITSTRING	16	SUPSCHEM	SCHEDULING CRITERIA
292	(124)	BITSTRING	37	SUPCLASS	SYSOUT CLASSES FOR SCHEDULNG 1ST BYTE=NUMBER OF ACTIVE CLASSES IN SCHEDULING USE
329	(149)	CHARACTER	19	SUPENTIT	ENTITY NAME FOR WRITER 0583 CLASS SAF CALL 0583
348	(15C)	BITSTRING	1	SUPFSFL2	FSS device flag 2

Comment

 DEFINITION OF SUPFSFL2
 (Corresponds to FSAFSFL2 in IATYFSA)

End of Comment

		1... ..		SUPOPLOG	"X'80" OPACTLOG=YES was specified
		.1... ..		SUPOPSPC	"X'40" OPACTLOG was specified
		..1... ..		SUPF2R20	"X'20" Reserved for IBM
		...1... ..		SUPF2R10	"X'10" Reserved for IBM
		.... 1... ..		SUPF2R08	"X'08" Reserved for IBM
		.... .1... ..		SUPF2R04	"X'04" Reserved for IBM
		.... ..1... ..		SUPF2R02	"X'02" Reserved for IBM
		.... ...1... ..		SUPF2R01	"X'01" Reserved for IBM
349	(15D)	BITSTRING	2	SUPRSV01	RESERVED FOR DEVELOPMENT
352	(160)	SIGNED	4	SUPPREND (0)	END OF PRINTER AREA
352	(160)	BITSTRING	0	SUPPRSIZ (0)	
352	(160)	SIGNED	4	SUPFSSEG (0)	FSS DEVICE VARIABLE SEGMENT

Comment

FORMAT OF FSS DEVICE VARIABLE SEGMENT

End of Comment

352	(160)	CHARACTER	8	SUPFSNAM	FSSNAME OF ASSOCIATED FSS
360	(168)	ADDRESS	4	SUPFSSPT	ADDRESS OF FSS TABLE ENTRY
364	(16C)	ADDRESS	4	SUPFSAPT	ADDRESS OF FSA TABLE ENTRY
368	(170)	BITSTRING	1	SUPFSPCT	ALTPM LIST COUNT
369	(171)	BITSTRING	8	SUPFSPPT	ALTPM LIST INDEXES
377	(179)	BITSTRING	1	SUPFSCMK	COPYMARK BYTE
378	(17A)	BITSTRING	2	SUPFSRS1	RESERVED FOR DEVELOPMENT
380	(17C)	SIGNED	4	SUPFPCTO (0)	Offset to entry for this device in the FSS Progress Counts Table (IATYFPCT).
380	(17C)	SIGNED	2	SUPFBLK	Block Number
382	(17E)	SIGNED	2	SUPFENT	Entry Number

Comment

----- 0
 START OF MULTIPLY-DEFINED MAPPING AREA. ONE 0
 OCCURANCE OF THE FOLLOWING SECTION OCCURS PER 0
 PROCESSOR TO HOLD PROCESSOR-UNIQUE ENTRIES 0
 ----- 0

End of Comment

384	(180)	SIGNED	4	SUPFSTAB (0)	START OF FSS DEVICE TABLE - ENTRIES FOR EACH MAINPROC
384	(180)	CHARACTER	4	SUPFSADR	DEVICE NUMBER ON MAIN PROCESSOR OR X'00'S IF NON-UCB ATTACHED
388	(184)	BITSTRING	1	SUPFSFL1	FLAG BYTE FOR OFFLINE AND SHARE STATUS
389	(185)	BITSTRING	3	SUPRSVD3	RESERVED FOR DEVELOPMENT

IATYSUP Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
IATYCNDDB_1::					
START OF SPECIFICATIONS					
01		PROPRIETARY STATEMENT=			
		PROPRIETARY_STATEMENT			
		LICENSED MATERIALS - PROPERTY OF IBM			
		5647-A01 COPYRIGHT IBM CORP. 1989, 2010			
		STATUS= HJS7770			
		END_OF_PROPRIETARY_STATEMENT			
		This data area is maintained as a CASE mapping macro.			
		Changes should be made to the CASE source and then			
		the PLX and Assembler should be regenerated.			
		Do NOT make changes to the PLX or Assembler directly!			
01		Descriptive Name: Console Destination Block			
		Acronym: CNDB			
01		Macro Name: IATYCNDDB			
01		DSECT Name: IATYCNDDB			
		--based variable for storage mapping			
01		Component: JES3 (SC1BA)			
01		Function:			
02		The console destination block is a control block that			
		contains information related to the destination that			
		messages should be sent to. This control block is built			
		as commands are entered into to the system and is used by			
		command processors as a destination for where to return			
		messages to. The control block is imbeded in other			
		control blocks and the size of the data area must not			
		change (otherwise a JES3 cold start is required). The			
		data is referenced by non-source maintained modules, so			
		offsets into the data area must not change.			
01		Eye-Catcher: CNDBEYE			
02		Offset: 4			
02		Length: 4			
01		Language: PL/X			
01		Storage Attributes:			
02		Allocation Method: Imbeded within other control blocks			
02		Main Storage: 94			
02		Virtual Storage: 94			
02		Auxiliary Storage: 94			
02		Subpool: n/a			
02		Key: 1			
02		Data Space: N/A			
02		Residency: any			
02		Frequency: n/a			
02		Size: 94			
02		Created by: n/a			
02		Deleted by: n/a			
02		Pointed to by: Imbeded within other control blocks			
02		Serialization: none			
01		EXTERNAL CLASSIFICATION: DMTI			
01		END OF EXTERNAL CLASSIFICATION:			
01		Method Of access:			
02		ASM: IATYCNDDB			
02		PLX: %INCLUDE SYSLIB(IATYCNDDB)			
01		CHANGE ACTIVITY:			
		\$QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support			
		\$RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init			
		\$T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0			
		CASE/390 - VERSION 49			
		END OF SPECIFICATIONS			
		%			
End of Comment					

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
392	(188)	SIGNED	4	SUPFCNDB (0)	IATYCNDB.27: based variable for storage mapping
392	(188)	SIGNED	4		Four byte console id 0176
396	(18C)	CHARACTER	4		IATYCNDB eyecatcher
400	(190)	ADDRESS	4		IATYCNDB version
404	(194)	BITSTRING	8		Reserved for development
412	(19C)	BITSTRING	8		Console Name 0176
420	(1A4)	BITSTRING	24		Reserved for development
444	(1BC)	SIGNED	2		Reserved for development
446	(1BE)	BITSTRING	40		Reserved for development
486	(1E6)	SIGNED	2	SUPFSTND (0)	END FSS DEVICE TABLE ENTRY
486	(1E6)	X'66'	0	SUPFSTLN	"SUPFSTND-SUPFSTAB" LENGTH OF FSS DEVICE TABLE ENTRY
384	(180)	BITSTRING	1		RESERVE TABLE STORAGE

Comment

----- 0
 END OF MULTIPLY-DEFINED SECTION 0
 ----- 0

End of Comment

3648	(E40)	SIGNED	4	SUPFSEND (0)	END OF FSS VARIABLE SEGMENT
3648	(E40)	X'CE0'	0	SUPFSLEN	"SUPFSEND-SUPFSSEG" LENGTH OF FSS VARIABLE SEG
3648	(E40)	BITSTRING	1	SUPFSSIZ (0)	TOTAL SUPUNIT LENGTH

IATYSUP Cross Reference

Name

SUPADD
 SUPAFP1
 SUPALLOC
 SUPAMBIG
 SUPASNRQ
 SUPBTS
 SUPBTSS
 SUPBURST
 SUPCARR
 SUPCFS
 SUPCGS2
 SUPCHAIN
 SUPCHNSZ
 SUPCHOR
 SUPCKPNT
 SUPCKPTP
 SUPCKPTS
 SUPCLASS
 SUPCLPRD
 SUPCLPRJ
 SUPCMFLG
 SUPCMSET
 SUPCNDB
 SUPCONAL
 SUPCONDV
 SUPCTSET
 SUPDCB
 SUPDCT
 SUPDD
 SUPDEFMSM

IATYSUP Cross Reference

Name

SUPDEVAD
SUPDGRPY
SUPDIAG
SUPDVAD2
SUPDVASG

SUPDVAVL
SUPDYNAD
SUPDYNCU
SUPDYNFS
SUPENTIT

SUPESADR
SUPFBLK
SUPFCKPT
SUPFCNDB
SUPFDENS

SUPFEND
SUPFENT
SUPFLAGS
SUPFLAGX
SUPFLAG0

SUPFLAG1
SUPFLAG2
SUPFLAG3
SUPFLAG4
SUPFLAG5

SUPFLASH
SUPFLSET
SUPFL0ED
SUPFL0VF
SUPFORMS

SUPFPCTO
SUPFRSET
SUPFSADR
SUPFSAPT
SUPFSCMK

SUPFSDNR
SUPFSEND
SUPFSFLG
SUPFSFL1
SUPFSFL2

SUPFSINT
SUPFSIZE
SUPFSLEN
SUPFSNAM
SUPFSPCT

SUPFSPPT
SUPFSRS1
SUPFSS
SUPFSSEG
SUPFSSIZ

SUPFSSO
SUPFSSPT
SUPFSTAB
SUPFSTLN
SUPFSTND

SUPF0BEX
SUPF0EX
SUPF2R01
SUPF2R02
SUPF2R04

Name

SUPF2R08
SUPF2R10
SUPF2R20
SUPGPASG
SUPGROUP

SUPGRPCH
SUPHEADR
SUPHWWQ
SUPIDLE
SUPINCNT

SUPJUNIT
SUPLNMAX
SUPLRECL
SUPMARK
SUPMCOMP

SUPMFSS
SUPMODID
SUPMODRC
SUPNDYNC
SUPNJESN

SUPNNPRO
SUPNOSET
SUPNPRO
SUPNTRDY
SUPNUCB

SUPOFFLN
SUPOFFP
SUPOPLOG
SUPOSPC
SUPPDALL

SUPPDCHR
SUPPDFCB
SUPPGLIM
SUPPGMAX
SUPPMCT

SUPPMPT
SUPPON
SUPPPS
SUPPREND
SUPPRFL1

SUPPRFL2
SUPPRFL3
SUPPRFL4
SUPPRFL5
SUPPRLNL

SUPPRMAN
SUPPRSET
SUPPRSIZ
SUPPWTR
SUPP5R01

SUPP5R02
SUPP5R04
SUPP5R08
SUPP5R10
SUPP5R20

SUPRAVAL
SUPRJBST
SUPRJPAB
SUPRJPAC
SUPRJPAL

IATYSUP Cross Reference

Name

SUPRJPDV
SUPRJPLN
SUPRJPOF
SUPRSVDU
SUPRSVD1

SUPRSVD2
SUPRSVD3
SUPRSVD4
SUPRSVR1
SUPRSVS1

SUPRSVS2
SUPRSVS4
SUPRSVU2
SUPRSV01
SUPRSV02

SUPSCHEM
SUPSETUP
SUPSHARE
SUPSNA
SUPSNADV

SUPSNAEJ
SUPSNANS
SUPSNBDS
SUPSTACK
SUPSTART

SUPSTSET
SUPSWTR
SUPSYSIX
SUPTABRC
SUPTGEN

SUPTMOEX
SUPTMOUT
SUPTOTL
SUPTRSET
SUPTRTAB

SUPTSPEC
SUPTYPCB
SUPTYPE
SUPUCB
SUPUCB2

SUPUCS
SUPUCSOP
SUPVRSET
SUPWAREA
SUPWTRE

SUPWTRTM
SUPXLATE
SUP3211
SUP3211W
SUP3525R

SUP3800
SUP3820
SUP4245

IATYSVT Information

IATYSVT Programming Interface information

Programming Interface information

IATYSVT

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

- | | | | |
|-------------|------------|------------|------------|
| • * | • SVTDMDKR | • SVTMGR | • SVTSIIDL |
| • * | • SVTDMDM | • SVTOSDI | • SVTSIODO |
| • * | • SVTDMDS | • SVTOSINF | • SVTSIODS |
| • * | • SVTDMDSL | • SVTPBFIX | • SVTSIORI |
| • * | • SVTDMDSS | • SVTPLEXS | • SVTSQE |
| • *0003 | • SVTDMEB | • SVTPRSP | • SVTSSCM |
| • *0029 | • SVTDMEBA | • SVTPTBF | • SVTSSIAU |
| • *11485TAA | • SVTDMEBM | • SVTPTIM | • SVTSSINA |
| • *11485TAA | • SVTDMEBS | • SVTRMVT | • SVTSSJM |
| • *15606T6A | • SVTDMEB2 | • SVTROUT | • SVTSSRE |
| • SSVTFCOD | • SVTDMEB3 | • SVTRSVS2 | • SVTSYSTS |
| • SSVTFNUM | • SVTDMFR | • SVTSAMPA | • SVTSYSUN |
| • SSVTFRTN | • SVTDMFRM | • SVTSAR | • SVTUCN |
| • SVTABEND | • SVTDMGR | • SVTSCCLN | • SVTUX32 |
| • SVTABIP | • SVTDMIT | • SVTSCMSG | • SVTUX57 |
| • SVTACBAD | • SVTDMUB | • SVTSDA | • SVTUX58 |
| • SVTACQQ | • SVTDSDOM | • SVTSETNM | • SVTUX59 |
| • SVTBALJC | • SVTDULST | • SVTSETUN | • SVTXSQE |
| • SVTBALP | • SVTERRQ | • SVTSIADD | • SVTXTRC |
| • SVTCMTR | • SVTERRWK | • SVTSIADJ | • SVT0 |
| • SVTCNDS | • SVTGRAS | • SVTSIAI | • SVT3713I |
| • SVTCNNF | • SVTGRRL | • SVTSIAU | • SVT6350I |
| • SVTDLOG | • SVTGRSC | • SVTSIAUA | • SVT6351I |
| • SVTDMBS | • SVTGRSP | • SVTSIJR2 | • SVT6353I |
| • SVTDMCFX | • SVTIII | • SVTSIJSC | • 13# |
| • SVTDMCPG | • SVTJSTKN | • SVTSIJSD | • 16# |
| • SVTDMCSZ | • SVTJTOKN | • SVTSIJSM | • 3 |
| • SVTDMDK | • SVTJ3PST | • SVTSIJT2 | • 3 |
| • SVTDMDKG | • SVTLSDSK | • SVTSIODA | • 6# |
| • SVTDMDKP | • SVTMCTRA | • SVTSIODC | |

End of Programming Interface information

Heading Information • IATYSVT Map

IATYSVT Heading Information

Common Name: SUBSYSTEM VECTOR TABLE FOR JES3
Macro ID: IATYSVT
DSECT Name: SSVT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: SSVT
 Offset: X'29C'
 Length: 4
Storage Attributes: Main Storage: SP 228 (FIXED CSA) BELOW 16M
 Auxiliary Storage: THE PART BEGINNING AT SVTINSAV
 Key: KEY 1 (JESKEY)
 Residency: BELOW
Size: SVTSIZY
Created by: IATINSV
Pointed to by: SSCTSSVT
 TVTSSVT
Serialization: NONE
Function: COMMUNICATION TABLE FOR MVS/JES3 SSI
 AND AMONG JES3 SSI FUNCTIONS THEMSELVES
 ***** WARNING *****
 SVT has references from non-source maintained
 parts. Its length must not change and its offsets
 must remain the same.

IATYSVT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SSVT	
0	(0)	X'0'	0	SSVTBEGN	***
0	(0)	SIGNED	2	SSVTRSV1	RESERVED
2	(2)	SIGNED	2	SSVTFNUM	Maximum number of function routines supported by this vector table

Comment

256 BYTE FUNCTION MATRIX -
 THE SSOB FUNCTION ID MINUS ONE IS USED AS AN OFFSET INTO
 THIS MATRIX.
 MATRIX FUNCTION BYTE =0 : THE FUNCTION SPECIFIED IN THE
 SSOB IS NOT SUPPORTED BY THIS
 SUBSYSTEM.
 MATRIX FUNCTION BYTE =0 : THE VALUE (FUNCTION BYTE-1) 4
 IS ADDED TO THE ADDRESS OF
 SSVTFRTN TO OBTAIN THE
 ADDRESS OF THE WORD CONTAINING
 THE FUNCTION ROUTINE POINTER FOR
 THIS REQUEST.

End of Comment

4	(4)	BITSTRING	1	SSVTFCOD (0)	FUNCTION MATRIX
4	(4)	X'104'	0	SSVTFsiz	** -SSVTBEGN" SSVT FIXED AREA SIZE
260	(104)	SIGNED	4	SSVTFRTN	SSVTFRTN IS THE FIRST WORD OF A VARIABLE LENGTH MATRIX CONTAINING FUNCTION ROUTINE POINTERS FOR FUNCTIONS SUPPORTED BY THIS SUBSYSTEM. THE MATRIX CAN BE A MAXIMUM OF 256 WORDS LONG.
1284	(504)	X'504'	0	SSVTSIZE	** -SSVTBEGN" MAXIMUM SSVT SIZE
2	(2)	ADDRESS	2		NO. SUPPORTED FUNCTIONS

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

FUNCTION CODE LIST FOR JES3 SSVT MATRIX					

End of Comment					
4	(4)	ADDRESS	1		1 Process SYSOUT
5	(5)	ADDRESS	1		2 Cancel
6	(6)	ADDRESS	1		3 Job status
7	(7)	ADDRESS	1		4 End of task (EOT)
8	(8)	ADDRESS	1		5 Job selection
9	(9)	ADDRESS	1		6 Allocation
10	(A)	ADDRESS	1		7 Unallocation
11	(B)	ADDRESS	1		8 End of memory (EOM)
12	(C)	ADDRESS	1		9 WTO/WTOR
13	(D)	ADDRESS	1		10 Cmd processing (SVC34)
14	(E)	ADDRESS	1		11 Remot dest validity ck
15	(F)	ADDRESS	1		12 Job deletion
16	(10)	ADDRESS	1		13 Job re-enqueue
17	(11)	ADDRESS	1		14 DOM (UNSUPPORTED)
18	(12)	ADDRESS	1		(UNSUPPORTED) 15 SUBSYSTEM VERIFICATION
19	(13)	ADDRESS	1		16 Open
20	(14)	ADDRESS	1		17 Close
21	(15)	ADDRESS	1		18 Checkpoint
22	(16)	ADDRESS	1		19 Restart
23	(17)	ADDRESS	1		20 Request job id
24	(18)	ADDRESS	1		21 Return job id
25	(19)	ADDRESS	1		22 Step initiation
26	(1A)	ADDRESS	1		23 Dynamic allocation
27	(1B)	ADDRESS	1		24 Common allocation
28	(1C)	ADDRESS	1		25 Common unallocation
29	(1D)	ADDRESS	1		26 Change DDNAME
30	(1E)	ADDRESS	1		27 Change ENQ use attrib
31	(1F)	ADDRESS	1		28 DDR candidate select
32	(20)	ADDRESS	1		29 DDR candidate verify
33	(21)	ADDRESS	1		30 DDR swap notification
34	(22)	ADDRESS	1		31 DDR swap complete
35	(23)	ADDRESS	1		32 SVC34 command fail
36	(24)	ADDRESS	1		33 WTO CONSOLE ERROR (UNSUPPORTED)
37	(25)	ADDRESS	1		34 Write to log (WTL)
38	(26)	ADDRESS	1		35 MSS VOLUME INVENTORY (UNSUPPORTED)
39	(27)	ADDRESS	1		36 MSS MOUNT EQUALIZ'N (UNSUPPORTED)
40	(28)	ADDRESS	1		37 MSS OPEN/END OF VOLUME (UNSUPPORTED)
41	(29)	ADDRESS	1	(2)	38,39 UNSUPPORTED
43	(2B)	ADDRESS	1		40 Early volume release
44	(2C)	ADDRESS	1	(12)	41-52 UNSUPPORTED
56	(38)	ADDRESS	1		53 FSS/FSA connect/discon
57	(39)	ADDRESS	1		54 Subsystem version info
58	(3A)	ADDRESS	1		55 UNSUPPORTED - SMS SERV.
59	(3B)	ADDRESS	1		56 SMS to JES3 comm
60	(3C)	ADDRESS	1	(5)	57-61 UNDEFINED
65	(41)	ADDRESS	1		62 BDT subsystem
66	(42)	ADDRESS	1		63 UNDEFINED
67	(43)	ADDRESS	1		64 Transaction processing
68	(44)	ADDRESS	1	(5)	65-69 Unsupported
73	(49)	ADDRESS	1		70 Scheduler JCL Facilities
74	(4A)	ADDRESS	1		71 UNSUPPORTED
75	(4B)	ADDRESS	1		72 VARY PATH call
76	(4C)	ADDRESS	1	(2)	73-74 UNSUPPORTED
78	(4E)	ADDRESS	1		75 Notify user msg routr
79	(4F)	ADDRESS	1		76 Unsupported
80	(50)	ADDRESS	1		77 Persistent JCL
81	(51)	ADDRESS	1		78 Unsupported

IATYSVT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
82	(52)	ADDRESS	1		79 Client/Server Output
83	(53)	ADDRESS	1		80 Enhanced Status
84	(54)	ADDRESS	1		81 Allocatn unauthorized
85	(55)	ADDRESS	1		82 JES Properties
86	(56)	ADDRESS	1		83 JES3 Managed Devices Info
87	(57)	BITSTRING	1	(0)	END OF SUBSYSTEM INTERFACE MATRIX

Comment

JES3 ADCON LIST FOR SUPPORTED FUNCTIONS

End of Comment

87	(57)	X'100'	0	SVT0	"SSVTFRTN-4" OFFSET START FOR MATRIX VECTORS
260	(104)	ADDRESS	4	SVTSSIAU	SSI calls for authorized
264	(108)	ADDRESS	4	SVTSSINA	SSI calls for all callers
264	(108)	X'10C'	0	SVTSSIEND	*** End of supported functions

Comment

 The following code is used as the entry point (SVTSSRTN) and recovery routine address (SVTSSARR) for the PC number saved in SVTSSIPC. Using this code allows changes to module IATSIAU to become effective with a hot or local start without an IPL.

End of Comment

268	(10C)	SIGNED	2	SVTSSARR (0)	
280	(118)	SIGNED	2	SVTSSRTN (0)	
292	(124)	ADDRESS	4	SVTSIAU	Addr of IATSIAU common
296	(128)	ADDRESS	4	SVTSIAUA	Addr of IATSIAU ARR
300	(12C)	ADDRESS	4	SVTSSVTX	Address of extension
304	(130)	ADDRESS	4	SVTSSVTP	Addr of pageable extension
308	(134)	SIGNED	4	SVTSSIPC	IATSIAU PC number

Comment

----- 15606T6A

The following code is used as the entry point 15606T6A (SVTDMEB) and recovery routine address (SVTDMEBR) 15606T6A for the PC number saved in SVTDMPC. Using this 15606T6A code allows changes to module IATDMEB to become 15606T6A effective with a hot or local start without an IPL. 15606T6A

----- 15606T6A

End of Comment

312	(138)	SIGNED	2	SVTDMEBR (0)	15606T6A
328	(148)	SIGNED	2	SVTDMEBI (0)	15606T6A
344	(158)	SIGNED	4	SVTDMPC	IATDMEB PC number 15606T6A
348	(15C)	ADDRESS	4	SVTDMEB2	Address of IATDMEB2 11485TAA
352	(160)	ADDRESS	4	SVTDMEB3	Address of IATDMEB3 11485TAA
356	(164)	ADDRESS	4	SVTRSVDR (23)	Reserved for IBM 11485TAC 25#

Comment

 NJE home node name

End of Comment

448	(1C0)	CHARACTER	8	SVTHNODE	Home node name
-----	-------	-----------	---	----------	----------------

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

The following 3 fields (SVTENWRK, SVTENCTL, SVTENFRW)					
must be contiguous since CDS logic is used to serialize					
access to the queue of IATOSENF work areas.					

End of Comment					
456	(1C8)	DBL WORD	8	SVTENWRK (0)	Queue of available work areas for IATOSENF
456	(1C8)	SIGNED	4	SVTENCTL	Queue control word
460	(1CC)	ADDRESS	4	SVTENFRW	Address of 1st free element

Comment					

JES3 ADCON LIST FOR SSI COMMON SERVICE ROUTINES					

End of Comment					
464	(1D0)	ADDRESS	4	SVTSCMSG	IATGRSC SECURITY MESSAGE LOG WRITE ROUTINE
468	(1D4)	ADDRESS	4	SVTSCCLN	IATGRSC SECURITY RECOVERY CLEANUP ROUTINE
472	(1D8)	CHARACTER	4	SVTSIODA	A(OUTPUT DESCRIPTOR BINDING)
476	(1DC)	ADDRESS	4	SVTSIODO	A(OUTPUT DESCRIPTOR IDENTIFY)
480	(1E0)	ADDRESS	4	SVTSIODS	A(OUTPUT DESCRIPTOR SPOOLING)
484	(1E4)	ADDRESS	4	SVTSIODC	A(OUTPUT DESCRIPTOR CLEANUP)
488	(1E8)	ADDRESS	4	SVTSIIDL	A(EXCESS. LIMIT RETRIEVAL)
492	(1EC)	CHARACTER	4	SVTDMDK	A(CHAN PROG BUILD MODULE)
496	(1F0)	CHARACTER	4	SVTDMDM	USER D.M. RTNS - USER STATE
500	(1F4)	CHARACTER	4	SVTDMDS	DIE ADDRESS
504	(1F8)	CHARACTER	4	SVTDMEB	USER D.M. RTNS - SYSTEM STATE
508	(1FC)	CHARACTER	4	SVTDMFR	DATA MAN SETFRR ROUTINE ADDR
512	(200)	CHARACTER	4	SVTDMBS	BLOCK I/O ROUTINE ADDR
516	(204)	CHARACTER	4	SVTIIII	INTERP MODULE FOR JOBSELECT
520	(208)	CHARACTER	4	SVTOSDI	OUTSERV DIE ROUTINE
524	(20C)	CHARACTER	4	SVTSSCM	COMMON SS SERVICE ROUTINES 4
528	(210)	CHARACTER	4	SVTSSRE	IATSSRE ENTRY POINT FOR JES ADDRESS SPACE POST EXIT
532	(214)	ADDRESS	4	SVTREGMS	IATSSRE ENTRY POINT FOR MAIN PROCESSOR POST EXIT
536	(218)	ADDRESS	4	SVTREFSS	IATSSRE ENTRY POINT FOR FSS ADDRESS SPACE POST EXIT
540	(21C)	ADDRESS	4	SVTRESRB	IATSSRE ENTRY POINT FOR SRB REPLY EXIT
544	(220)	ADDRESS	4	SVTREGLB	IATSSRE ENTRY POINT FOR JES3 GLOBAL STATUS ROUTINE
548	(224)	CHARACTER	4	SVTUX32	DYNALDSN U EXIT FROM SICA
552	(228)	CHARACTER	4	SVTDMUB	GET/FREE BUFFER ROUTINE
556	(22C)	CHARACTER	4	SVTDMIT	I/O TERMINATION ROUTINE
560	(230)	ADDRESS	4	SVTSIJT2	JOB TERMINATION ALT ENTRY POINT
564	(234)	ADDRESS	4	SVTSIJR2	JOB REQUEUE ALT ENTRY POINT
568	(238)	CHARACTER	4	SVTABIP	I/O PURGE DRIVER ROUTINE
572	(23C)	ADDRESS	4	SVTRSVS2 (2)	RESERVED FOR USER
580	(244)	CHARACTER	4	SVTSIAI	ALLOCATION SSI INITIALIZATION
584	(248)	CHARACTER	4	SVTGRRL	SECURITY PARAMETER LISTS 0221
588	(24C)	CHARACTER	4	SVTGRSC	SECURITY (IATXSEC) 0221 PROCESSING ROUTINE ADDRESS 0221
592	(250)	CHARACTER	4	SVTUX58	ADDRESS OF IATUX58 0221
596	(254)	CHARACTER	4	SVTUX59	ADDRESS OF IATUX59 0221
600	(258)	CHARACTER	4	SVTDMGR	SPOOL ACCESS INITIALIZATION
604	(25C)	CHARACTER	4	SVTGRAS	ARM services
608	(260)	CHARACTER	4	SVTCNDS	DLOG services
612	(264)	ADDRESS	4	SVTSIJSD	IATSIJS Deselect routine
616	(268)	ADDRESS	4	SVTGRMVD	Multi-version data service

IATYSVT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
620	(26C)	ADDRESS	4	SVTREFSG	IATSSRE entry point for FSS post exit on JES3 global
624	(270)	ADDRESS	4	SVTSSJM	IATSSJM Entry Point for JESMSG processing
628	(274)	ADDRESS	4	SVTGRSP	IATGRSP entry point
632	(278)	ADDRESS	4	SVTSIJSC	SIJSCSCLJM Entry point 0079

Comment

SVTYMOD IATYMOD BR=NO,ID=IATSSVT IATYMOD EYE CATCHER
JES3 MODULE ENTRY POINT IDENTIFIER

01 Change Activity:

\$SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0

End of Comment

636	(27C)	CHARACTER	8	SVTYMOD	MODULE NAME
644	(284)	CHARACTER	8		RELEASE, FEATURE OR SU
652	(28C)	CHARACTER	8		DATE
660	(294)	CHARACTER	6		TIME
668	(29C)	SIGNED	4	(0)	
668	(29C)	ADDRESS	4		ADDRESS OF APARNUM
668	(29C)	X'27F'	0	SVTID	"SVTYMOD+3,4" ID OF THIS TABLE "SSVT"
672	(2A0)	SIGNED	2	SVTRSVDA	Reserved for IBM
674	(2A2)	ADDRESS	2	SVTSIZY	SIZE OF SSVT
676	(2A4)	SIGNED	2	SVTASIDL (0)	ASID LIST FOR SDUMP
676	(2A4)	SIGNED	2	SVTASID	JES3 ASID
678	(2A6)	SIGNED	2	SVTXASID	JES3 AUX ASID
680	(2A8)	SIGNED	2	SVTXCFAD	JESXCF ASID
682	(2AA)	BITSTRING	2	SVTCASID	CURRENT ASID (+ END OF LIST) A VALUE OF ZERO IN SVTCASID TELLS DUMPING SERVICES TO DUMP THE CURRENT ASID 1
684	(2AC)	SIGNED	4	(0)	
684	(2AC)	CHARACTER	4	SVTJS3NM	NAME GIVEN TO PRI SUB

Comment

ADDRESSES OF CROSS-MEMORY ROUTINES AND TABLES

End of Comment

688	(2B0)	ADDRESS	4	SVTABEND	ADDR ABEND-INVOKING RTN
692	(2B4)	ADDRESS	4	SVTASCB	ADDR JES3 ASCB
696	(2B8)	ADDRESS	4	SVTBALP	ADDR OF PROT BUF ALLOC PRMS
700	(2BC)	ADDRESS	4	SVTUCN	ADDR OF USAM COUNT TABLE
704	(2C0)	ADDRESS	4	SVTDLOG	Address of DLOG Common Data Area
708	(2C4)	ADDRESS	4	SVTDMDKP	ADDR OF PBUF UNALLOC ROUTINE
712	(2C8)	ADDRESS	4	SVTDMDKR	ADDR OF USAM M.R ALLOCATOR #3212
716	(2CC)	ADDRESS	4	SVTDMDKG	ADDR OF PBUF ALLOC ROUTINE
720	(2D0)	ADDRESS	4	SVTDMDSL	ADDR OF I/O LINK-UP ROUTINE
724	(2D4)	ADDRESS	4	SVTDMDS	ADDR OF GLB STOR GET/FREEMN
728	(2D8)	ADDRESS	4	SVTDMESA	ADDR OF USER BUFFR ALLOCATOR
732	(2DC)	ADDRESS	4	SVTDMESB	JES3SDM RESOURCE MANAGER
736	(2E0)	ADDRESS	4	SVTDMES	USAM SRB POSTING ROUTINE
740	(2E4)	ADDRESS	4	SVTDMFRM	ADDR OF DATA MAN MSG HANDLER
744	(2E8)	ADDRESS	4	SVTDSQ	ADDR OF DEST ROUTING TABLE
748	(2EC)	ADDRESS	4	SVTECBX	ADDR OF JES MEMORY MASTER ECB
752	(2F0)	ADDRESS	4	SVTERRQ	ADDR OF 1ST IATYISR ON ERR Q
756	(2F4)	ADDRESS	4	SVTERRWK	IATDMER WORK AREA ADDR
760	(2F8)	ADDRESS	4	SVTIOPRM	ADDR IATYIOP BLK (I/O PARMS) 1
764	(2FC)	ADDRESS	4	SVTJSTCB	JES3 TCB ADDRESS
768	(300)	ADDRESS	4	SVTMEMD	ADDR OF JES3 MEMDATA
772	(304)	ADDRESS	4	SVTMGR	Address of MSGROUTE table
776	(308)	ADDRESS	4	SVTMPACT	ACTIVE MAIN PROC TABLE
780	(30C)	ADDRESS	4	SVTMPCDA	ADDR MPCDATA QUEUE
784	(310)	ADDRESS	4	SVTXCFCTL	JESXCF data space token list pointer

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- 0					
Fields SVTISUSR and SVTISJES anchor the two SSI 54 0 information strings (installation-supplied via 0 IATUX63 and JES3-supplied, respectfully) that are 0 passed back to SSI 54 callers from IATSIVI. 0					
----- 0					
End of Comment					
788	(314)	ADDRESS	4	SVTISUSR	SSI 54 User Info String 0077
792	(318)	ADDRESS	4	SVTISJES	SSI 54 JES3 Info String 0077
796	(31C)	ADDRESS	4	SVTSDA	Address of JES3 Statistics Data Area (SDA)
800	(320)	BITSTRING	8	SVTNITID	Inish deck id from first JES3 restart after an IPL
Comment					

The next two fields (SVTRMVT and SVTRMUCT) have to be contiguous. Also, they have to be aligned on a doubleword boundary because they are used by a CDS instruction.					

End of Comment					
808	(328)	DBL WORD	8	SVTRMLOC (0)	RMVT lock
808	(328)	ADDRESS	4	SVTRMVT	Addr of the RMVT or zero
812	(32C)	SIGNED	4	SVTRMUCT	RMVT use count
816	(330)	SIGNED	4	SVTBALJC	FSS BALJ'S CHAINED FROM HERE
820	(334)	ADDRESS	4	SVTSETNM	ADDR OF SETNAMES TABLE
824	(338)	ADDRESS	4	SVTSETUN	ADDR OF SETUNITS TABLE
828	(33C)	SIGNED	4	SVTATECB	JES3 AUX-TASK CNTRL ECB
832	(340)	ADDRESS	4	SVTUX57	ADDRESS OF IATUX57
		1... ..		SVTX57DM	"X'80" DUMMY USER EXIT
Comment					

THE FOLLOWING FLAG BITS ARE PASSED IN THE LOW ORDER BYTE OF REGISTER 0 WHEN CALLING IATSIADD TO BUILD OR FREE					

End of Comment					
		1... ..		SVTDSSFR	"X'80" FREEMAIN A DSS/DSB
		.1... ..		SVTDSSFD	"X'40" FREE DSS IF DEQUEUED
		.... ..1		SVTDSSGR	"X'01" GET DSS/DSB + RAB
		.... ..		SVTDSSGT	"X'00" GETMAIN A DSS/DSB
Comment					

End of Comment					
836	(344)	ADDRESS	4	SVTSIADD	ADDR OF GET/FREE DSB/DSS RTN.
840	(348)	ADDRESS	4	SVTSIORI	ADDR OF INTRDR REOPEN RTN
844	(34C)	ADDRESS	4	SVTSQE	ORIGIN OF JES3 STORAGE Q
848	(350)	ADDRESS	4	SVTSYSUN	ADDR OF SYSUNITS TABLE
852	(354)	ADDRESS	4	SVTTVT	ADDR TVTABLE
856	(358)	ADDRESS	4	SVTXSQE	ADDR OF JES3 STORAGE Q MGR
860	(35C)	ADDRESS	4	SVTXTRC	JES3 TRACE ROUTINE IN CSA
864	(360)	SIGNED	4	SVTDSDOM	DOM-id for product disabled 0003 message 0003
868	(364)	ADDRESS	4	SVTMPGBL	Address of global MPC
872	(368)	ADDRESS	4	SVTJ3PST	ADDR OF POSTJES3 RTN
876	(36C)	ADDRESS	4	SVTDYD	ADDR OF IATDYD (DYNAL DSNS)

IATYSVT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
880	(370)	ADDRESS	4	SVTACQQ	ADDR OF FIRST ACQ ENTRY
Comment					
FOLLOWING FIELDS RESERVED FOR ALLOCATION SSI SAMPLER ROUT.					
End of Comment					
884	(374)	ADDRESS	4	SVTACBAD	ADDR OF STATS BUFFER
888	(378)	ADDRESS	4	SVTSAMPA	ADDR OF SAMPLING ROUTINE OR ZERO WHEN NO SAMPLING
Comment					
END OF FIELDS RESERVED FOR ALLOCATION SSI SAMPLER ROUTINE					

Subsystem Communication Fields					

End of Comment					
892	(37C)	SIGNED	4	SVTJXGT	JESXCF Group Token
896	(380)	SIGNED	4	SVTSACNT	ACTIVE STAGING AREA COUNT
900	(384)	SIGNED	4	SVTSAMAX	SA HI-WATER COUNT
904	(388)	CHARACTER	8	SVTJXGNM	JESXCF Group Name 1
Comment					

Sysout Class Table (SCT) pointer - Use IATXMVDA FUNC=USE, TABLE=SCT to access the SCT.					

End of Comment					
912	(390)	ADDRESS	4	SVTSCTAD	Sysout Class Table address
Comment					

CROSS MEMORY COMMUNICATION FIELDS					

End of Comment					
916	(394)	ADDRESS	4	SVTPCDP	ADDRESS OF THE PCD
Comment					

CROSS MEMORY USAM FIELDS					

End of Comment					
920	(398)	ADDRESS	4	SVTPBFI SVTPBAUX	ADDR. OF 1ST NON-PAGE FIXED PBUF "X'80" ON IF SVTPBFI IS IN JES3AUX MUST BE ONLY HIGH ORDER BIT
924	(39C)	ADDRESS	4	SVTDMCFX	ADDR OF 1ST NONFIXED PBUF DMC
928	(3A0)	SIGNED	2	SVTDMCPG	NO OF JSAM DMC'S PER PAGE
930	(3A2)	SIGNED	2	SVTDMCSZ	LENGTH OF ONE JSAM DMC
Comment					

STAGING AREA MANAGEMENT FLAG					

End of Comment					
932	(3A4)	SIGNED	4	(0)	ALIGN SVTSAFLG TO FULL WORD

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
932	(3A4)	BITSTRING	1	SVTSAFLG	SA CONTROL FLAG BYTE 4
		.... .1..		SVTCSASP	"X'04" PRIMARY SA EXTENT SHORTAGE
		.... .1..		SVTRSF02	"X'02" RESERVED FOR SERVICE
933	(3A5)	BITSTRING	1	SVTRSVS3	RESERVED FOR SERVICE
934	(3A6)	BITSTRING	1	SVTSYSID	ACTIVE SYSTEM ID 1
936	(3A8)	ADDRESS	4	SVTOSENF	ADDRESS OF ENF SIGNAL RTN
940	(3AC)	ADDRESS	4	SVTCNNF	ADDRESS OF ENF LISTEN RTN 0832 7
944	(3B0)	ADDRESS	4	SVTMCTRA	Multi-version data master control area pointer 1
948	(3B4)	ADDRESS	4	SVTXSDWA	J3AUX SDWA PTR. DURING INIT.
952	(3B8)	ADDRESS	4	SVTUSER1 (2)	RESERVED FOR USER

Comment

NON-CHECKPOINTED DATA AND CONSTANTS

End of Comment

960	(3C0)	SIGNED	4	SVT6350I	WTO ID # FOR MSG IAT6350
964	(3C4)	SIGNED	4	SVT6351I	WTO ID # FOR MSG IAT6351
968	(3C8)	SIGNED	4	SVT6353I	WTO ID # FOR MSG IAT6352
972	(3CC)	SIGNED	4	SVT3713I	WTO ID # FOR MSG IAT3713
976	(3D0)	BITSTRING	8	SVTJSTKN	JES3's STOKEN
984	(3D8)	SIGNED	4	SVTWSEQ	Sequence number to uniquely identify a WLM managed initiator, in case WLM unbinds an initiator while a job select request is outstanding and IATSIJS must tell the global to deselect a job that it may have selected for that initiator. This value is serialized for updates (using CS logic). CLASS EQUIVALENCY TABLE
988	(3DC)	ADDRESS	4	SVTLCMD	LOCAL COMMAND TABLE 2
992	(3E0)	SIGNED	4	SVTCPID	Module work area CPOOL id
996	(3E4)	ADDRESS	4	SVTSYSTS	Address of system prefix table
1000	(3E8)	ADDRESS	4	SVTPLEXS	Address of sysplex prefix table 2
1004	(3EC)	ADDRESS	4	SVTRDSRB	JCT READ SRB
1008	(3F0)	ADDRESS	4	SVTCMTR	Address of command translate table built by IATINPK

Comment

----- 0
0
SVTCSF IS THE CONSOLE SERVICE SECONDARY ECF. IT MUST BE 0
ON A FULLWORD BOUNDARY FOR COMPARE AND SWAP. 0
0
----- 0

End of Comment

1012	(3F4)	SIGNED	4	(0)	0172
1012	(3F4)	BITSTRING	1	SVTCSF	CONSOLE SERVICE SECONDARY ECF
		1...		SVTCSFWO	"X'80" SUBSYSTEM WTO POST
		.1..		SVTCSR40	"X'40" Reserved flag
		..1.		SVTCSR20	"X'20" Reserved flag
		...1		SVTCSFGP	"X'10" GENERAL CONSOLE POST
		.... 1...		SVTCSFJ3	"X'08" JES3 BUFFERS AVAILABLE
		.... .1..		SVTCSFAV	"X'04" CONSERV POST FOR WTO BUFFERS
		.... .1.		SVTCSFSA	"X'02" JES3 STAGING AREA SHORTAGE #440
		.... ...1		SVTCSR01	"X'01" Reserved flag 1
1013	(3F5)	BITSTRING	1	SVTFLAGC	FLAGS
		1...		SVTJESUP	"X'80" JES3 IS RUNNING
		.1..		SVTJESIN	"X'40" JES3 IS INITIALIZED
		..1.		SVTHRMP	"X'20" MPC chain is pending commit of the configuration
		...1		SVTRSC10	"X'10" Reserved flag
		.... 1...		SVTDSU58	"X'08" IATUX58 HAS BEEN DISABLED
		.... .1..		SVTDSU59	"X'04" IATUX59 HAS BEEN DISABLED
		.... .1.		SVTRSC02	"X'02" Reserved flag
		.... ...1		SVTRSC01	"X'01" Reserved flag

IATYSVT Map

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

THE FLAGS DEFINED IN SVTFLAGJ MUST BE SERIALIZED USING COMPARE AND SWAP LOGIC.					

End of Comment					
1014	(3F6)	BITSTRING 1... ..	1	SVTFLAGJ SVTSMRSRS	FLAGS "X'80" A PREVIOUSLY UNAVAILABLE SMS RESOURCE HAS BECOME AVAILABLE - THIS BIT IS USED TO POST THE MDSSRS FCT
		.1.. ..		SVTSMJSS	"X'40" A PREVIOUSLY UNAVAILABLE SMS RESOURCE HAS BECOME AVAILABLE - THIS BIT IS USED TO POST JSS
		..1.		SVTSMSET	"X'20" JES3 IS DOING DATA SET ALLOCATION FOR SMS RESOURCES
		...1		SVTJ AUX1	"X'10" JES3AUX phase 1 initializa- tion complete
		.... 1...		SVTJ AUX2	"X'08" JES3AUX phase 2 initializa- tion complete
		.... .1..		SVTJ AUX3	"X'04" JES3AUX phase 3 initializa- tion complete
		.... ..1.		SVTJ AUX3F	"X'02" JES3AUX phase 3 initializa- tion failed
		.... ...1		SVTFLJ01	"X'01" RESERVED FLAG
1015	(3F7)	BITSTRING	1	SVTRES D1	RESERVED FOR DEVELOPMENT
Comment					

SVTROUT CONTAINS THE ROUTING CODES THAT JES3 LOCAL CONSOLES ARE CURRENTLY RECEIVING.					

End of Comment					
1016	(3F8)	BITSTRING	16	SVTROUT	MASTER ROUTE CODE BIT MAP
1032	(408)	ADDRESS	4	SVTNSCT	Netserv Control Table chain
1036	(40C)	ADDRESS	4	SVTSAR	SMS AVAILABLE RESOURCE BLOCK (IATYSAR) QUEUE - SERIALIZED VIA COMPARE AND SWAP
Comment					

0					
0					
SVTCTF IS THE CONCMD FCT ECF. IT MUST BE ON A FULLWORD 0 BOUNDARY FOR COMPARE AND SWAP. 0					
0					

0					
End of Comment					
1040	(410)	SIGNED	4	(0)	0172
1040	(410)	BITSTRING .1.. 1...	1	SVTCTF SVTCTFCM SVTCTFJ3	CONCMD FCT ECF 0172 "X'40" SVC 34 POST 0172 "X'08" JES3 BUFFERS AVAILABLE 0172
1041	(411)	BITSTRING	1	SVTRES D2 (3)	RESERVED FOR DEVELOPMENT 0172
1044	(414)	ADDRESS	4	SVTDULST	POINTER TO DUMP LIST
1048	(418)	ADDRESS	4	SVTDMRN	IATDMRN entry point 2
1052	(41C)	SIGNED	4	SVTPTIM	POST FOR TIME OUT (SIPT)
1056	(420)	SIGNED	4	SVTPRSP	POST FOR RESPONSE (SIPT)
1060	(424)	SIGNED	4	SVTPTBF	PTR TO VARY OFF STAGING AREA BUFFER (SIPT)
1064	(428)	ADDRESS	4	SVTMDCR	CONFIG CHANGE EXIT ADDRESS
1068	(42C)	BITSTRING	16	SVTJTOKN	JES3 Task Token
1084	(43C)	SIGNED	4	SVTCMDLN	LENGTH OF THE LOCAL CMD TBL
1088	(440)	ADDRESS	4	SVTDMEBD	ADDR OF USER BUFFER DEALLOCATION

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1092	(444)	ADDRESS	4	SVTDMEBW	SYSOUT WAIT ROUTINE E.P. THE ROUTINE HAS THREE ENTRY POINTS: +0:IATDMEBW - WAIT TASK +4:IATDMEBT - POST TASK +8:IATDMEBC - TASK CLEAN UP
1096	(448)	ADDRESS	4	SVTDMDSM	Address of IATDMDS' IATYMOD
1100	(44C)	ADDRESS	4	SVTDMITM	Address OF IATDMIT's IATYMOD
1104	(450)	ADDRESS	4	SVTISIADJ	Entry point in IATSIAD of JIB reply exit
1108	(454)	SIGNED	4	SVTRESU1 (5)	RESERVED FOR USER
1128	(468)	ADDRESS	4	SVTMPCPV	Previous MPC chain anchor
1132	(46C)	ADDRESS	4	SVTMPCFD	First deleted MPC
1136	(470)	CHARACTER	4	SVTGRQM	IATGRQM entry point
1140	(474)	CHARACTER	4	SVTSSJI	IATSSJI entry point 06525SUA
1144	(478)	ADDRESS	4	SVTSSJIR	IATSSJIR entry point
1148	(47C)	ADDRESS	4	SVTRMTR	Address of RMTR
1152	(480)	ADDRESS	4	SVTMEVMT	Pointer to the MEM vector
1156	(484)	SIGNED	4	SVTJ3XGT	JES3AUX Group Token
1160	(488)	ADDRESS	4	SVTDMCBF	IATDMCBF entry point
1164	(48C)	ADDRESS	4	SVTFSPCT	Address of FSS Progress Counts Table (IATYFPCT).
1168	(490)	ADDRESS	4	SVTISIADL	SIADSBTK routine E.P. 15606T6A
1172	(494)	ADDRESS	4	SVTISIJSL	SIJSCMMH routine E.P. 15606T6C

Comment

 CHECKPOINTED DATA AND CONSTANTS

					End of Comment
1176	(498)	DBL WORD	8	SVTPBQ	PROT BUFFER QUEUING PARMS
1176	(498)	X'498'	0	SVTPBUFQ	"SVTPBQ,4,C'F" PTR TO USER MEMORY IATYDSS Q WAITING FOR PROTECTED BUFFERS
1176	(498)	X'49C'	0	SVTPBCNT	"SVTPBQ+4,4,C'F" NUMBER OF AVAIL PROT BUFFERS
1184	(4A0)	DBL WORD	8	SVTSRB	Q'ING PARMS FOR PBUF WAITORS
1184	(4A0)	X'4A0'	0	SVTMXSRB	"SVTSRB,4,C'F" NUM OF PBUF-WAIT TASKS POSTD
1184	(4A0)	X'4A4'	0	SVTPBCOM	"SVTSRB+4,4,C'F" BUFS REFLECTED IN POSTD TSKS
1192	(4A8)	SIGNED	4	SVTINSAV (0)	SVT CHECKPOINTED FROM HERE
1192	(4A8)	SIGNED	4	SVTBUFSZ	DISK BUFR SIZE FROM BUFSIZE
1196	(4AC)	SIGNED	4	SVTMUBLN	Maximum User Buffer Length, This field is the maximum space available for user data in one buffer. It equals TVTBSZDT - (L'DATCC+L'DATCCX).
1196	(4AC)	X'4AE'	0	SVTMUBLH	"SVTMUBLN+2,2" MAXIMUM BUFFER LENGTH AS A HALFWORD
1200	(4B0)	SIGNED	4	SVTMLRL	MAXIMUM LOGICAL RECORD LEN
1204	(4B4)	SIGNED	4	SVTDLMSK	DATA LENGTH MASK, THIS FIELD IS USED TO ISOLATE THE LENGTH FIELD OF THE DATCC
1208	(4B8)	SIGNED	4	SVTDATSZ	IATYDAT SIZE
1212	(4BC)	SIGNED	4	SVTOLIM	DATA SET OUTLIM PARAMETER
1216	(4C0)	SIGNED	2	(0)	

IATYSVT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
<p>SVTWARNI IS USED TO DEFINE THE DEFAULT PERCENTAGE INTERVALS AT WHICH EXCESSION MESSAGE IAT1600 WILL BE ISSUED, PROVIDED THE STANDARDS STATEMENT DEFINES THE ACTION FOR THE SPECIFIC EXCESSION LIMIT TO CONTINUE EXECUTING THE JOB WITH A WARNING MESSAGE. THE FOUR HEX DIGITS REPRESENT THE PERCENTAGE INTERVALS FOR CARDS, LINES, BYTES, AND PAGES, RESPECTIVELY, DIVIDED BY 10. THIS ENTIRE HALFWORD WILL BE PROPAGATED TO JCTWARNI WHERE EACH INDIVIDUAL PERCENTAGE MAY BE OVERRIDDEN BY THE / MAIN STATEMENT (SEE IATISMN). SVTWARNS REPRESENTS THE PERCENTAGE REPORTING INTERVAL FOR SYSTEM LINES (MESSAGE IAT1612) IN FULL, NOT DIVIDED BY 10. THIS PERCENTAGE CANNOT BE OVERRIDDEN.</p>					
End of Comment					
1216	(4C0)	BITSTRING	2	SVTWARNI	EXCESSION MSG PERCENTAGES (CARDS,LINES,BYTES,PAGES) DIVIDED BY 10
1218	(4C2)	ADDRESS	1	SVTWARNS	PERCENTAGE REPORT INTERVAL FOR SYSLINES
1219	(4C3)	BITSTRING	1	SVTRESV1	Reserved for IBM 10131SYC
1220	(4C4)	SIGNED	4	SVTMAXSL	DEFAULT JOB SYSTEM LINES (1000*SYSLINES PARAMETER)
1224	(4C8)	SIGNED	4	SVTRESV2	Reserved for Service 2
1228	(4CC)	BITSTRING	4	SVTRMFF	TERMINATOR FOR NULL SETNAMES
1232	(4D0)	SIGNED	4	SVTPFECB	ECB USED DURING JES PG FIX 1
1236	(4D4)	SIGNED	4	SVTJCNT	TOTAL JSAM I/O
1240	(4D8)	SIGNED	4	SVTUCNT	TOTAL USAM I/O
1244	(4DC)	SIGNED	4	SVTRSVD3	Reserved for development
1248	(4E0)	SIGNED	4	SVTJ3ECB	JES3'S MASTER ECB 10
1252	(4E4)	BITSTRING	1	SVTRSVD7 (9)	Reserved for development 2
1261	(4ED)	BITSTRING	1	SVTRSVS4 (3)	RESERVED FOR SERVICE
1264	(4F0)	SIGNED	4	SVTFDSSQ	QUE OF DSS'S TO BE FREED 6
1268	(4F4)	SIGNED	4	SVTRSVD4 (2)	RESERVED FOR SERVICE
1276	(4FC)	SIGNED	4	SVTRSVU4 (2)	RESERVED FOR USER
Comment					
DATA, CONSTANTS, AND FLAGS - HALFWORD AND UNALIGNED					
End of Comment					
1284	(504)	SIGNED	2	SVTRSVD2	RESERVED FOR DEVELOPMENT 1
1286	(506)	SIGNED	2	SVTISRS	NO.ISR'S
1288	(508)	SIGNED	2	SVTJBUFS	NO.BUFFERS IN JES3 MEMORY 1
1290	(50A)	SIGNED	2	SVTMAXRL	MAX USR BUF SPACE(ROOM LEFT)
1292	(50C)	SIGNED	2	SVTNBFPG	NUMBER OF BUFFERS PER 4K PAG 1
1294	(50E)	SIGNED	2	SVTPBUFS	NO.PROTECTED BUFFERS
1296	(510)	SIGNED	2	SVTPCHIN	CARD EXCESSION MSG INCREMENT
1298	(512)	SIGNED	2	SVTPRTIN	LINE EXCESSION MSG INCREMENT
1300	(514)	SIGNED	2	SVTNSRBS	NO.SRB'S
1302	(516)	SIGNED	2	SVTUSRPG	NO.USER MEMORY BUFS/OPEN DS
1304	(518)	SIGNED	2	SVTRSVS6 (4)	RESERVED FOR SERVICE
1312	(520)	SIGNED	2	SVTRSVD5 (3)	RESERVED FOR DEVELOPMENT
1318	(526)	SIGNED	2	SVTRSVU5 (3)	RESERVED FOR USER 2
1324	(52C)	ADDRESS	1	SVTRAGNO	NO RECORDS TO ALLOC AT TIME

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

<p>GTF Trace Id Flags. Flags for trace records that are no longer supported are not listed. Therefore, the trace ids may not be consecutive.</p> <p style="text-align: center;">06953SXA</p> <p>Note: Only flags used by the TRACE command are 06953SXA listed. 06953SXA</p>					

End of Comment					
1325	(52D)	BITSTRING	4	SVTGTRF (0)	TRACE ID FLAGS
1325	(52D)	BITSTRING	1	SVTGTRF1	TRACE ID FLAG BYTE 1
		1... ..		SVTG001	"X'80" Trace ID 1 Flag
		.1.		SVTG002	"X'40" Trace ID 2 Flag
		..1.		SVTG003	"X'20" Trace ID 3 Flag
		...1		SVTG005	"X'10" Trace ID 5 Flag
		.... 1...		SVTG006	"X'08" Trace ID 6 Flag
		.... .1..		SVTG008	"X'04" Trace ID 8 Flag
		.... ..1.		SVTG009	"X'02" Trace ID 9 Flag
		.... ...1		SVTG011	"X'01" Trace ID 11 Flag
1326	(52E)	BITSTRING	1	SVTGTRF2	TRACE ID FLAG BYTE 2
		1... ..		SVTG012	"X'80" Trace ID 12 Flag
		.1.		SVTG014	"X'40" Trace ID 14 Flag
		..1.		SVTG015	"X'20" Trace ID 15 Flag
		...1		SVTG016	"X'10" Trace ID 16 Flag
		.... 1...		SVTG017	"X'08" Trace ID 17 Flag
		.... .1..		SVTG018	"X'04" Trace ID 18 Flag
		.... ..1.		SVTG019	"X'02" Trace ID 19 Flag
		.... ...1		SVTG020	"X'01" Trace ID 20 Flag
1327	(52F)	BITSTRING	1	SVTGTRF3	Trace ID FLAG BYTE 3
		1... ..		SVTG021	"X'80" Trace ID 21 Flag
		.1.		SVTG022	"X'40" Trace ID 22 Flag
		..1.		SVTG023	"X'20" Trace ID 23 Flag
		...1		SVTG024	"X'10" Trace ID 24 Flag
		.... 1...		SVTG025	"X'08" Trace ID 25 Flag
		.... .1..		SVTG026	"X'04" Trace ID 26 Flag
		.... ..1.		SVTG007	"X'02" Trace ID 7 Flag 06953SXA
1328	(530)	BITSTRING	1	SVTGTRF4	Trace ID FLAG BYTE 4
1329	(531)	BITSTRING	1	SVTRSVD9 (4)	RESERVED FOR DEVELOPMENT
1333	(535)	BITSTRING	1	SVTFLAG1	FLAGS
		1... ..		SVTABFG	"X'80" SYSTEM IS TERMINATING
		.1.		SVTGLBL	"X'40" SYSTEM IS IN GLOBAL MODE
		..1.		SVTDSI	"X'20" DSI ACTIVE
		...1		SVTQUFG	"X'10" SYSTEM IN QUIESCING MODE
		.... 1...		SVTVIRT	"X'08" SYSTEM IS VIRTUAL
		.... .1..		SVTABNP	"X'04" ABEND PROCESSING
		.... ..1.		SVTDEXES	"X'02" IATABTDX exit established
		.... ...1		SVTNOMCS	"X'01" BYPASS MCS PROCESSING

Comment					
<p>SVTFLAG2 MUST BE CHANGED USING COMPARE/SWAP ONLY, TO INSURE SERIALIZATION.</p>					

End of Comment					
1334	(536)	BITSTRING	1	SVTFLAG2	FLAGS
		1... ..		SVTRS280	"X'80" Reserved for development
		.1.		SVTSMS	"X'40" SMS IS ACTIVE ON THIS MAIN PROCESSOR
		..1.		SVTMEMF	"X'20" MEMTERM FAILURE

IATYSVT Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		...1		SVTMDSTB	"X'10" MDS TABLES HAVE BEEN BUILT
		.... 1...		SVTMDACT	"X'08" SETUP ACTIVE
		.... .1..		SVTSVRYL	"X'04" VARYL PROCESSING ENABLED *C VARYL WILL RESET THIS BIT 2
		.... ..1.		SVTXCFMD	"X'02" JESXCF MDB constraint
		.... ...1		SVTWTBFB	"X'01" WTO BUFFER CONSTRAINT

Comment

 THE FLAGS DEFINED IN SVTFLAG3 MUST BE SET ONLY FROM UNDER THE
 JES3 IATNUC TASK TO ENSURE PROPER SERIALIZATION.

End of Comment

1335	(537)	BITSTRING	1	SVTFLAG3	FLAGS
		1...		SVTATPST	"X'80" AUXTASK POSTING ENABLED
		.1.		SVTF3R40	"X'40" Reserved for IBM
		..1.		SVTF3R20	"X'20" Reserved for IBM
		...1		SVTF3R10	"X'10" Reserved for IBM
		.... 1...		SVTF3R08	"X'08" Reserved for IBM
		.... .1..		SVTF3R04	"X'04" Reserved for IBM
		.... ..1.		SVTF3R02	"X'02" Reserved for IBM
		.... ...1		SVTF3R01	"X'01" Reserved for IBM

Comment

 JES3 CONSOLE SERVICE FLAG (GENERAL PURPOSE)

End of Comment

1336	(538)	BITSTRING	1	SVTCNFLG	FLAGS
		1...		SVTCIFSS	"X'80" CIFSS=MSGROUTE SPECIFIED ON THE CONSTD STATEMENT, LEAVE CI/FSS ROUTING ALONE
		.1.		SVTCNF40	"X'40" RESERVED FOR SERVICE
		..1.		SVTCNF20	"X'20" RESERVED FOR SERVICE
		...1		SVTCNF10	"X'10" RESERVED FOR SERVICE
		.... 1...		SVTCNF08	"X'08" RESERVED FOR SERVICE
		.... .1..		SVTCNF04	"X'04" RESERVED FOR SERVICE
		.... ..1.		SVTCNF02	"X'02" RESERVED FOR SERVICE
		.... ...1		SVTCNF01	"X'01" RESERVED FOR SERVICE
1337	(539)	BITSTRING	1	SVTRSVS7 (2)	RESERVED FOR SERVICE
1339	(53B)	BITSTRING	1	SVTRSVU6 (3)	RESERVED FOR DEVELOPMENT
1342	(53E)	BITSTRING	1	SVTRSVU6 (2)	RESERVED FOR USER
1344	(540)	DBL WORD	8	SVTSEND (0)	PAD TO DOUBLE WORD

IATYSVT Cross Reference

Name

SSVT
 SSVTBEGN
 SSVTFCOD
 SSVTFNUM
 SSVTFRTN
 SSVTFSIZ
 SSVTRSV1
 SSVTSIZE
 SVTABEND
 SVTABFG

Name

SVTABIP
SVTABNP
SVTACBAD
SVTACQQ
SVTASCB

SVTASID
SVTASIDL
SVTATECB
SVTATPST
SVTBALJC

SVTBALP
SVTBUFSS
SVTCASID
SVTCIFSS
SVTCMDLN

SVTCMTR
SVTCNDS
SVTCNFG
SVTCNF01
SVTCNF02

SVTCNF04
SVTCNF08
SVTCNF10
SVTCNF20
SVTCNF40

SVTCNNF
SVTCPID
SVTCSASP
SVTCSF
SVTCSFAV

SVTCSFGP
SVTCSFJ3
SVTCSFSA
SVTCSFWO
SVTCSR01

SVTCSR20
SVTCSR40
SVTCTF
SVTCTFCM
SVTCTFJ3

SVTDATSZ
SVTDEXES
SVTDLMSK
SVTDLOG
SVTDMBS

SVTDMCBF
SVTDMCFX
SVTDMCPG
SVTDMCSZ
SVTDMDK

SVTDMDKG
SVTDMDKP
SVTDMDKR
SVTDMDM
SVTDMDS

SVTDMDSL
SVTDMDSM
SVTDMDSS
SVTDMEB
SVTDMEBA

IATYSVT Cross Reference

Name

SVTDMEBD
SVTDMEBI
SVTDMEBM
SVTDMEBR
SVTDMEBS

SVTDMEBW
SVTDMEB2
SVTDMEB3
SVTDMFR
SVTDMFRM

SVTDMGR
SVTDMIT
SVTDMITM
SVTDMPC
SVTDMRN

SVTDMUB
SVTDSDOM
SVTDSI
SVTDSQ
SVTSSFD

SVTSSFR
SVTSSGR
SVTSSGT
SVTDSU58
SVTDSU59

SVTDULST
SVTDYD
SVTECBX
SVTENCTL
SVTENFRW

SVTENWRK
SVTERRQ
SVTERRWK
SVTFDSSQ
SVTFLAGC

SVTFLAGJ
SVTFLAG1
SVTFLAG2
SVTFLAG3
SVTFLJ01

SVTFSPCT
SVTF3R01
SVTF3R02
SVTF3R04
SVTF3R08

SVTF3R10
SVTF3R20
SVTF3R40
SVTGLOBL
SVTGRAS

SVTGRMVD
SVTGRQM
SVTGRRL
SVTGRSC
SVTGRSP

SVTGTRF
SVTGTRF1
SVTGTRF2
SVTGTRF3
SVTGTRF4

Name

SVTG001
SVTG002
SVTG003
SVTG005
SVTG006

SVTG007
SVTG008
SVTG009
SVTG011
SVTG012

SVTG014
SVTG015
SVTG016
SVTG017
SVTG018

SVTG019
SVTG020
SVTG021
SVTG022
SVTG023

SVTG024
SVTG025
SVTG026
SVTHNODE
SVTHRMPP

SVTID
SVTIII
SVTINSAV
SVTIOPRM
SVTISJES

SVTISRS
SVTISUSR
SVTJ AUX1
SVTJ AUX2
SVTJ AUX3

SVTJ AU3F
SVTJ BUFS
SVTJ CNT
SVTJ ESIN
SVTJ ESUP

SVTJ STCB
SVTJ STKN
SVTJ S3NM
SVTJ TOKN
SVTJ XGNM

SVTJ XGT
SVTJ3 ECB
SVTJ3 PST
SVTJ3 XGT
SVTLCMD

SVTMAXRL
SVTMAXSL
SVTMCTRA
SVTMDACT
SVTMDCR

SVTMDSTB
SVTMEMD
SVTMEMF
SVTMEMVT
SVTMGR

IATYSVT Cross Reference

Name

SVTMLRL
SVTMPACT
SVTMPDA
SVTMPCFD
SVTMPCPV

SVTMPGBL
SVTMUBLH
SVTMUBLN
SVTMXSRB
SVTNBFPG

SVTNITID
SVTNOMCS
SVTNSCT
SVTNSRBS
SVTOLIM

SVTOSDI
SVTOSENF
SVTPBAUX
SVTPBCNT
SVTPBCOM

SVTPBFIX
SVTPBQ
SVTPBUFQ
SVTPBUFS
SVTPCDP

SVTPCHIN
SVTPFECB
SVTPLEXS
SVTPRSP
SVTPRTIN

SVTPTBF
SVTPTIM
SVTQUFG
SVTRAGNO
SVTRDSRB

SVTREFSG
SVTREFSS
SVTREGLB
SVTREGMS
SVTRES1

SVTRES2
SVTRESRB
SVTRESU1
SVTRESV1
SVTRESV2

SVTRMFF
SVTRMLOC
SVTRMTR
SVTRMUCT
SVTRMVT

SVTROUT
SVTRSC01
SVTRSC02
SVTRSC10
SVTRSF02

SVTRSVDA
SVTRSVDR
SVTRSV2
SVTRSV3
SVTRSV4

Name

SVTRSVD5
SVTRSVD6
SVTRSVD7
SVTRSVD9
SVTRSVS2

SVTRSVS3
SVTRSVS4
SVTRSVS6
SVTRSVS7
SVTRSVU4

SVTRSVU5
SVTRSVU6
SVTRS280
SVTSACNT
SVTSAFLG

SVTSAMAX
SVTSAMPA
SVTSAR
SVTSCCLN
SVTSCMSG

SVTSCCTAD
SVTSDA
SVTSEND
SVTSETNM
SVTSETUN

SVTSIADD
SVTSIADJ
SVTSIADL
SVTSIAI
SVTSIAU

SVTSIAUA
SVTSIEND
SVTSIJR2
SVTSIJSC
SVTSIJSD

SVTSIJSL
SVTSIJT2
SVTSIODA
SVTSIODC
SVTSIODL

SVTSIODO
SVTSIODS
SVTSIORI
SVTSIZY
SVTSMJSS

SVTSMS
SVTSMSET
SVTSMRS
SVTSQE
SVTSRB

SVTSSARR
SVTSSCM
SVTSSIAU
SVTSSINA
SVTSSIPC

SVTSSJI
SVTSSJIR
SVTSSJM
SVTSSRE
SVTSSRTN

IATYSVT Cross Reference

Name

SVTSSVTP
SVTSSVTX
SVTSVRYL
SVTSYSID
SVTSYSTS

SVTSYSUN
SVTTVT
SVTUCN
SVTUCNT
SVTUSER1

SVTUSRPG
SVTUX32
SVTUX57
SVTUX58
SVTUX59

SVTVIRT
SVTWARNI
SVTWARNS
SVTWISEQ
SVTWTOBF

SVTXASID
SVTXCFAD
SVTXCFMD
SVTXCFTL
SVTXSDWA

SVTXSQE
SVTXTRC
SVTX57DM
SVTYMOD
SVT0

SVT3713I
SVT6350I
SVT6351I
SVT6353I

IATYSVTX Information

IATYSVTX Heading Information

Common Name: JES3 Subsystem Vector Table Extensions
Macro ID: IATYSVTX
DSECT Name: SSVTP, IATSSVTX
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IATSSVTP, IATSSVTX
 Offset: 0
 Length: 8
Storage Attributes: Subpool: IATSSVTP: 241 (pageable CSA) IATSSVTX: 228 (fixed CSA)
 Key: 1 (JESKEY)
Size: See module listing
Created by: IATSSVTP: IATINSV
 IATSSVTX: N/A
Pointed to by: IATSSVTP: SVTSSVTP in IATYSVT
 IATSSVTX: SVTSSVTX in IATYSVT
Serialization: None
Function: JES3 SVT Above-the-line extensions

IATYSVTX Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SSVTP	, SSVTP mapping
0	(0)	CHARACTER	8	SVTPID	Eyecatcher "IATSSVTP"
8	(8)	CHARACTER	14	SVTPM_ABIP	IATABIP maintenance level
22	(16)	CHARACTER	14	SVTPM_ABTDX	IATABTDX maintenance level
36	(24)	CHARACTER	14	SVTPM_CNDS	IATCNDS maintenance level
50	(32)	CHARACTER	14	SVTPM_DMBS	IATDMBS maintenance level
64	(40)	CHARACTER	14	SVTPM_DMDK	IATDMDK maintenance level
78	(4E)	CHARACTER	14	SVTPM_DMDM	IATDMDM maintenance level
92	(5C)	CHARACTER	14	SVTPM_DMDS	IATDMDS maintenance level
106	(6A)	CHARACTER	14	SVTPM_DMEB	IATDMEB maintenance level
120	(78)	CHARACTER	14	SVTPM_DMEBS	IATDMEBS maintenance level 11485TAA
134	(86)	CHARACTER	14	SVTPM_DMEB2	IATDMEB2 maintenance level 11485TAA
148	(94)	CHARACTER	14	SVTPM_DMEB3	IATDMEB3 maintenance level 11485TAA
162	(A2)	CHARACTER	14	SVTPM_DMFR	IATDMFR maintenance level
176	(B0)	CHARACTER	14	SVTPM_DMGR	IATDMGR maintenance level
190	(BE)	CHARACTER	14	SVTPM_DMIT	IATDMIT maintenance level
204	(CC)	CHARACTER	14	SVTPM_DMUB	IATDMUB maintenance level
218	(DA)	CHARACTER	14	SVTPM_GRAS	IATGRAS maintenance level
232	(E8)	CHARACTER	14	SVTPM_GRMVD	IATGRMVD maintenance level
246	(F6)	CHARACTER	14	SVTPM_GRQM	IATGRQM maintenance level
260	(104)	CHARACTER	14	SVTPM_GRRL	IATGRRL maintenance level
274	(112)	CHARACTER	14	SVTPM_GRSC	IATGRSC maintenance level
288	(120)	CHARACTER	14	SVTPM_GRSP	IATGRSP maintenance level
302	(12E)	CHARACTER	14	SVTPM_IIII	IATIIII maintenance level
316	(13C)	CHARACTER	14	SVTPM_OSDI	IATOSDI maintenance level
330	(14A)	CHARACTER	14	SVTPM_OSENF	IATOSENF maintenance level
344	(158)	CHARACTER	14	SVTPM_SIAD	IATSIAD maintenance level
358	(166)	CHARACTER	14	SVTPM_SIAF	IATSIAF maintenance level
372	(174)	CHARACTER	14	SVTPM_SIAI	IATSIAI maintenance level
386	(182)	CHARACTER	14	SVTPM_SIAU	IATSIAU maintenance level
400	(190)	CHARACTER	14	SVTPM_SIBD	IATSIBD maintenance level
414	(19E)	CHARACTER	14	SVTPM_SIBS	IATSIBS maintenance level
428	(1AC)	CHARACTER	14	SVTPM_SICA	IATSICA maintenance level
442	(1BA)	CHARACTER	14	SVTPM_SICC	IATSICC maintenance level
456	(1C8)	CHARACTER	14	SVTPM_SICD	IATSICD maintenance level
470	(1D6)	CHARACTER	14	SVTPM_SICF	IATSICF maintenance level
484	(1E4)	CHARACTER	14	SVTPM_SICN	IATSICN maintenance level
498	(1F2)	CHARACTER	14	SVTPM_SIDD	IATSIDD maintenance level
512	(200)	CHARACTER	14	SVTPM_SIDR	IATSIDR maintenance level
526	(20E)	CHARACTER	14	SVTPM_SIEM	IATSIEM maintenance level

IATYSVTX Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
540	(21C)	CHARACTER	14	SVTPM_SIES	IATSIES maintenance level
554	(22A)	CHARACTER	14	SVTPM_SIJP	IATSIJP maintenance level
568	(238)	CHARACTER	14	SVTPM_SIJPC	IATSIJPC maintenance level
582	(246)	CHARACTER	14	SVTPM_SIJPI	IATSIJPI maintenance level
596	(254)	CHARACTER	14	SVTPM_SIJPN	IATSIJPN maintenance level
610	(262)	CHARACTER	14	SVTPM_SIJPS	IATSIJPS maintenance level
624	(270)	CHARACTER	14	SVTPM_SIJPX	IATSIJPX maintenance level
638	(27E)	CHARACTER	14	SVTPM_SIJS	IATSIJS maintenance level
652	(28C)	CHARACTER	14	SVTPM_SINQ	IATSINQ maintenance level
666	(29A)	CHARACTER	14	SVTPM_SINU	IATSINU maintenance level
680	(2A8)	CHARACTER	14	SVTPM_SIOD	IATSIOD maintenance level
694	(2B6)	CHARACTER	14	SVTPM_SIOP	IATSIOPI maintenance level
708	(2C4)	CHARACTER	14	SVTPM_SIOR	IATSIOR maintenance level
722	(2D2)	CHARACTER	14	SVTPM_SIPJ	IATSIPJ maintenance level
736	(2E0)	CHARACTER	14	SVTPM_SIPT	IATSIPT maintenance level
750	(2EE)	CHARACTER	14	SVTPM_SISA	IATSISA maintenance level
764	(2FC)	CHARACTER	14	SVTPM_SISO	IATSISO maintenance level
778	(30A)	CHARACTER	14	SVTPM_SIST	IATSIST maintenance level
792	(318)	CHARACTER	14	SVTPM_SITS	IATSITS maintenance level
806	(326)	CHARACTER	14	SVTPM_SIVI	IATSIVI maintenance level
820	(334)	CHARACTER	14	SVTPM_SIVL	IATSIVL maintenance level
834	(342)	CHARACTER	14	SVTPM_SIVR	IATSIVR maintenance level
848	(350)	CHARACTER	14	SVTPM_SIWO	IATSIWO maintenance level
862	(35E)	CHARACTER	14	SVTPM_SI34	IATSI34 maintenance level
876	(36C)	CHARACTER	14	SVTPM_SI70	IATSI70 maintenance level
890	(37A)	CHARACTER	14	SVTPM_SI83	IATSI83 maintenance level
904	(388)	CHARACTER	14	SVTPM_SSCM	IATSSCM maintenance level
918	(396)	CHARACTER	14	SVTPM_SSJI	IATSSJI maintenance level
932	(3A4)	CHARACTER	14	SVTPM_SSJM	IATSSJM maintenance level
946	(3B2)	CHARACTER	14	SVTPM_DMRN	IATDMRN maintenance level
960	(3C0)	CHARACTER	14	SVTPM_SSRE	IATSSRE maintenance level
974	(3CE)	CHARACTER	14	SVTPM_UX32	IATUX32 maintenance level
988	(3DC)	CHARACTER	14	SVTPM_UX57	IATUX57 maintenance level
1002	(3EA)	CHARACTER	14	SVTPM_UX58	IATUX58 maintenance level
1016	(3F8)	CHARACTER	14	SVTPM_UX59	IATUX59 maintenance level
1030	(406)	CHARACTER	14	SVTPM_RSVD1 (7)	Reserved for IBM 11485TAC
1128	(468)	SIGNED	4	SVTP2010	IAT2010 message ID number
1132	(46C)	ADDRESS	4	SVTPOHLD	IAZOHL text table address 15762T8A in CSA (SP241) 15762T8A
1136	(470)	ADDRESS	4	SVTPOHIX	IAZOHL index table address 15762T8A in CSA (SP241) 15762T8A
1140	(474)	ADDRESS	4	SVTPPHPT	Job phase text table 18448TAA address in CSA (SP241) 18448TAA
1144	(478)	ADDRESS	4	SVTPJDTP	Job delay text table 18448TAA address in CSA (SP241) 18448TAA
1148	(47C)	SIGNED	4	SVTPRSV2 (6)	Reserved for IBM 18448TAC
1172	(494)	SIGNED	4	SVTPEND (0)	End of data area
1172	(494)	X'494'	0	SVTPSIZE	"SVTPEND-SSVTP" Size of data area

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATSSVTX	, Generate mapping

Comment

JES3 MODULE ENTRY POINT IDENTIFIER

01 Change Activity:

\$SV=TCPNJEB HJS7730 050629 PDORF: z 1.8.0

End of Comment

0	(0)	CHARACTER	8		MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM
32	(20)	X'0'	0	SVTXID	"IATSSVTX,8" Eyecatcher "IATYSVTX"
36	(24)	SIGNED	4	SVTXRSV1	Reserved for IBM
40	(28)	SIGNED	4	SVTXECBA	ECB used by JES3 to post JES3AUX during initialization
44	(2C)	ADDRESS	4	SVTXAXCB	JES3AUX ASCB address
48	(30)	ADDRESS	4	SVTX_SIOP	SSI 01 IATSIOP Process SYSOUT (PSO)
52	(34)	ADDRESS	4	SVTX_SICN	SSI 02 IATSICN Job Cancel
56	(38)	ADDRESS	4	SVTX_SIST	SSI 03 IATSIST Job Status
60	(3C)	ADDRESS	4	SVTX_SIJSE	SSI 04 IATSIJS End of Task
64	(40)	ADDRESS	4	SVTX_SIJS	SSI 05 IATSIJS Job Selection
68	(44)	ADDRESS	4	SVTX_SIADA	SSI 06 IATSIAD Allocation
72	(48)	ADDRESS	4	SVTX_SIADU	SSI 07 IATSIAD Unallocation
76	(4C)	ADDRESS	4	SVTX_SIAM	SSI 08 IATSIAM End of Memory
80	(50)	ADDRESS	4	SVTX_SIWOWTOR	SSI 09 IATSIWO WTO/WTOR
84	(54)	ADDRESS	4	SVTX_SI34	SSI 10 IATSI34 Command Processing
88	(58)	ADDRESS	4	SVTX_SIVL	SSI 11 IATSI34 Destination Validation
92	(5C)	ADDRESS	4	SVTX_SIJST	SSI 12 IATSIJS Job Deletion
96	(60)	ADDRESS	4	SVTX_SIJSR	SSI 13 IATSIJS Job Re-enqueue
100	(64)	ADDRESS	4	SVTX_SIORO	SSI 16 IATSIOR Open
104	(68)	ADDRESS	4	SVTX_SICCL	SSI 17 IATSIOR Close
108	(6C)	ADDRESS	4	SVTX_SICCH	SSI 18 IATSIOR Checkpoint
112	(70)	ADDRESS	4	SVTX_SIORR	SSI 19 IATSIOR Restart
116	(74)	ADDRESS	4	SVTX_SIJSQ	SSI 20 IATSIJS Request Job Id
120	(78)	ADDRESS	4	SVTX_SIJSJ	SSI 21 IATSIJS Return Job Id
124	(7C)	ADDRESS	4	SVTX_SIBS	SSI 22 IATSIJS Step Initiation
128	(80)	ADDRESS	4	SVTX_SICA3	SSI 23 IATSI34 Dynamic Allocation
132	(84)	ADDRESS	4	SVTX_SICA	SSI 24 IATSI34 Common Allocation
136	(88)	ADDRESS	4	SVTX_SICA2	SSI 25 IATSI34 Common Unallocation
140	(8C)	ADDRESS	4	SVTX_SIDD	SSI 26 IATSI34 Change DD Name
144	(90)	ADDRESS	4	SVTX_SINQ	SSI 27 IATSI34 Change ENQ
148	(94)	ADDRESS	4	SVTX_SIDR	SSI 28 IATSI34 DDR Candidate Selection
152	(98)	ADDRESS	4	SVTX_SIDR2	SSI 29 IATSI34 DDR Candidate Verification
156	(9C)	ADDRESS	4	SVTX_SIDR3	SSI 30 IATSI34 DDR Swap Notification
160	(A0)	ADDRESS	4	SVTX_SIDR4	SSI 31 IATSI34 DDR Swap Complete
164	(A4)	ADDRESS	4	SVTX_SICF	SSI 32 IATSI34 SVC 34 Command Fail
168	(A8)	ADDRESS	4	SVTX_SIWOL	SSI 34 IATSI34 Write to Log
172	(AC)	ADDRESS	4	SVTX_SIVR	SSI 40 IATSI34 Early Volume Release
176	(B0)	ADDRESS	4	SVTX_SICD	SSI 53 IATSI34 FSS/FSA Connect/Disconnect
180	(B4)	ADDRESS	4	SVTX_SIVI	SSI 54 IATSI34 Subsystem Version Information
184	(B8)	ADDRESS	4	SVTX_SISA	SSI 56 IATSI34 JES3 SPOOL Access Facility
188	(BC)	ADDRESS	4	SVTX_SIBD	SSI 62 IATSI34 BDT Subsystem
192	(C0)	ADDRESS	4	SVTX_SITS	SSI 64 IATSI34 Transaction Processing
196	(C4)	ADDRESS	4	SVTX_SIPT	SSI 72 IATSI34 VARY Path
200	(C8)	ADDRESS	4	SVTX_SINU	SSI 75 IATSI34 Notify User
204	(CC)	ADDRESS	4	SVTX_SIPJ	SSI 77 IATSI34 Persistent JCL
208	(D0)	ADDRESS	4	SVTX_SISO	SSI 79 IATSI34 SYSOUT Application Programming Interface (SAPI)
212	(D4)	ADDRESS	4	SVTX_SIES	SSI 80 IATSI34 Extended Status
216	(D8)	ADDRESS	4	SVTX_SIJP	SSI 82 IATSI34 JES Properties router
220	(DC)	ADDRESS	4	SVTX_SIJPC	SSI 82 IATSI34 JES Classes
224	(E0)	ADDRESS	4	SVTX_SIJPI	SSI 82 IATSI34 Initiators
228	(E4)	ADDRESS	4	SVTX_SIJPN	SSI 82 IATSI34 Nodes
232	(E8)	ADDRESS	4	SVTX_SIJPS	SSI 82 IATSI34 Spool Partition
236	(EC)	ADDRESS	4	SVTX_SIJPX	SSI 82 IATSI34 JESplex
240	(F0)	SIGNED	4	SVTXECJ1	ECB used by JES3AUX to post JES3 for phase 1 initialization
244	(F4)	SIGNED	4	SVTXECJ2	ECB used by JES3AUX to post JES3 for phase 2 initialization
248	(F8)	SIGNED	4	SVTXECJ3	ECB used by JES3AUX to post JES3 for phase 3 initialization
252	(FC)	ADDRESS	4	SVTX_ABTDX	Tailored Dump Exit
256	(100)	ADDRESS	4	SVTX_SIAF	SSI activity service
260	(104)	ADDRESS	4	SVTXACTB	SSI activity table
264	(108)	ADDRESS	4	SVTX_SI70	SSI 70 IATSI70 Scheduler JCL Facilities

IATYSVTX Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
268	(10C)	ADDRESS	4	SVTX_SI83	SSI 83 IATSI83 JES3 Managed Devices
272	(110)	SIGNED	4	SVTXRSV2	Reserved for IBM
280	(118)	DBL WORD	8	SVTXDUTS	*DUMP time stamp - used by IATABTDX
288	(120)	ADDRESS	4	SVTX_SICCS	JES symbol create routine 17567TAA
292	(124)	SIGNED	4	SVTXRSV3 (2)	Reserved for IBM 17567TAC
300	(12C)	SIGNED	4	SVTXEND (0)	End of data area
300	(12C)	X'12C'	0	SVTXSIZE	"SVTXEND-IATSSVTX" Size of data area

IATYSVTX Cross Reference

Name

IATSSVTX
 SSVTP
 SVTPEND
 SVTPID
 SVTPJDTP

 SVTPM_ABIP
 SVTPM_ABTDX
 SVTPM_CNDS
 SVTPM_DMBS
 SVTPM_DMDK

 SVTPM_DMDM
 SVTPM_DMDS
 SVTPM_DMEB
 SVTPM_DMEBS
 SVTPM_DMEB2

 SVTPM_DMEB3
 SVTPM_DMFR
 SVTPM_DMGR
 SVTPM_DMIT
 SVTPM_DMRN

 SVTPM_DMUB
 SVTPM_GRAS
 SVTPM_GRMVD
 SVTPM_GRQM
 SVTPM_GRRL

 SVTPM_GRSC
 SVTPM_GRSP
 SVTPM_IIII
 SVTPM_OSDI
 SVTPM_OSENF

 SVTPM_RSVD1
 SVTPM_SIAD
 SVTPM_SIAF
 SVTPM_SIAI
 SVTPM_SIAU

 SVTPM_SIBD
 SVTPM_SIBS
 SVTPM_SICA
 SVTPM_SICC
 SVTPM_SICD

 SVTPM_SICF
 SVTPM_SICN
 SVTPM_SIDD
 SVTPM_SIDR
 SVTPM_SIEM

Name

SVTPM_SIES
 SVTPM_SIJP
 SVTPM_SIJPC
 SVTPM_SIJPI
 SVTPM_SIJPN

 SVTPM_SIJPS
 SVTPM_SIJPX
 SVTPM_SIJS
 SVTPM_SINQ
 SVTPM_SINU

 SVTPM_SIOD
 SVTPM_SIOP
 SVTPM_SIOR
 SVTPM_SIPJ
 SVTPM_SIPT

 SVTPM_SISA
 SVTPM_SISO
 SVTPM_SIST
 SVTPM_SITS
 SVTPM_SIVI

 SVTPM_SIVL
 SVTPM_SIVR
 SVTPM_SIWO
 SVTPM_SI34
 SVTPM_SI70

 SVTPM_SI83
 SVTPM_SSCM
 SVTPM_SSJI
 SVTPM_SSJM
 SVTPM_SSRE

 SVTPM_UX32
 SVTPM_UX57
 SVTPM_UX58
 SVTPM_UX59
 SVTPOHIX

 SVTPOHLD
 SVTPPHTP
 SVTPRSV2
 SVTPSIZE
 SVTP2010

 SVTX_ABTDX
 SVTX_SIADA
 SVTX_SIADU
 SVTX_SIAF
 SVTX_SIBD

 SVTX_SIBS
 SVTX_SICA
 SVTX_SICA2
 SVTX_SICA3
 SVTX_SICCH

 SVTX_SICCL
 SVTX_SICCS
 SVTX_SICD
 SVTX_SICF
 SVTX_SICN

 SVTX_SIDD
 SVTX_SIDR
 SVTX_SIDR2
 SVTX_SIDR3
 SVTX_SIDR4

IATYSVTX Cross Reference

Name

SVTX_SIEM
SVTX_SIES
SVTX_SIJP
SVTX_SIJPC
SVTX_SIJPI

SVTX_SIJPN
SVTX_SIJPS
SVTX_SIJPX
SVTX_SIJS
SVTX_SIJSE

SVTX_SIJSJ
SVTX_SIJSQ
SVTX_SIJSR
SVTX_SIJST
SVTX_SINQ

SVTX_SINU
SVTX_SIOP
SVTX_SIORO
SVTX_SIORR
SVTX_SIPJ

SVTX_SIPT
SVTX_SISA
SVTX_SISO
SVTX_SIST
SVTX_SITS

SVTX_SIVI
SVTX_SIVL
SVTX_SIVR
SVTX_SIWO
SVTX_SIWOL

SVTX_SI34
SVTX_SI70
SVTX_SI83
SVTXACTB
SVTXAXCB

SVTXDUTS
SVTXECBA
SVTXECJ1
SVTXECJ2
SVTXECJ3

SVTXEND
SVTXID
SVTXRSV1
SVTXRSV2
SVTXRSV3
SVTXSIZE

IATYSYS Information

IATYSYS Heading Information

Common Name: FORMAT OF SYSTEM UNITS TABLE ENTRY
Macro ID: IATYSYS
DSECT Name: SYSSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: NONE
Storage Attributes: Main Storage: SUBPOOL 241
 Auxiliary Storage: N/A
Size: SYSHSIZE for DSECT SYSHSTRT
 SYSSIZE for DSECT SYSSTART
Created by: IATXYSYSU macro
Pointed to by: SYSUNITS in IATYTVT
 SVTSYSUN in IATYSVT
 SYSHNEXT in IATYSYS
 SETADD in IATYSET
 SUPADD in IATYSUP
Serialization: NONE
Function: The SYSUNITS Table contains device allocation status for the entire system, by device.

IATYSYS Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SYSHSTRT	, SYSUNITS Table Header
0	(0)	CHARACTER	8	SYSHID	Control block id
8	(8)	ADDRESS	4	SYSHNEXT	Address of next SYSUNITS table header
12	(C)	ADDRESS	4	SYSHLAST	Address of last SYSUNITS entry in this SYSUNITS table header
16	(10)	ADDRESS	4	SYSHFREE	Address of first free SYSUNITS entry in this SYSUNITS table
20	(14)	SIGNED	4	SYSHCNT	Number of SYSUNITS entries in this SYSUNITS table
24	(18)	SIGNED	4	SYSHLOW	Low SYSUNITS entry in this SYSUNITS table
28	(1C)	SIGNED	4	SYSHHIGH	High SYSUNITS entry in this SYSUNITS table
32	(20)	DBL WORD	8	SYSHEND (0)	End of header
32	(20)	X'20'	0	SYSHSIZE	"SYSHEND-SYSHSTRT" Size of header
32	(20)	X'14'	0	SYSHMINC	"20" Minimum number of SYSUNITS entry in a SYSUNITS table block

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SYSSTART	
0	(0)	SIGNED	4	SYSVOLAD	SETVOL ADDR OF CURRENT VOLUME
4	(4)	SIGNED	4	SYSMAINX	MAIN(S) TO WHICH DEVICE ATTACHED
8	(8)	SIGNED	4	SYSMAINY	MAIN(S) TO WHICH DEVICE ONLINE
12	(C)	SIGNED	4	SYSPOFFM	DEVICE PENDING-OFFLINE MASK
16	(10)	SIGNED	4	SYSPTHM	DEV OFFLINE PATH REASONS MASK
20	(14)	SIGNED	4	SYSFENCE	OWNER OF DEVICE (IF FENCED)

Comment

 SETUNITS VECTOR TABLE - THERE IS A POINTER THE
 SETUNITS ENTRY FOR EACH MAIN PROCESSOR. THE
 MAIN PROCESSOR SEQUENCE NUMBER IS USED TO INDEX
 INTO THIS TABLE.

End of Comment

24	(18)	ADDRESS	4	SYSSETVT (0)	SETUNITS VECTOR TABLE
24	(18)	X'80'	0	SYSSETVL	"*-SYSSETVT" Length of vector table
152	(98)	SIGNED	2	SYSSETX	INDEX OF SETUNIT ON THIS MAIN

IATYSYS Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
154	(9A)	SIGNED	2	SYSSYSX	INDEX OF THIS SYSUNIT ENTRY
156	(9C)	SIGNED	4	SYSUSECT	Number of jobs using device
156	(9C)	X'4'	0	SYS SLOT	"4" LENGTH OF UCB ADDRESS
160	(A0)	BITSTRING	1	SYSFLAG1	SYSFLAG1 FLAGS 1
Comment					
----- DEFINITION OF SYSFLAG1 -----					
End of Comment					
		1... ..		SYSALLOC	"X'80" DEVICE IS ALLOCATED
		.1... ..		SYSNALOC	"X'40" DEVICE NOT ALLOCATABLE
		..1... ..		SYSRSRV	"X'20" DEVICE IS BARRIER RESERVED
		...1... ..		SYSDDR	"X'10" DEVICE RESERVED BY DDR
		.... 1...		SYSMNTD	"X'08" VOL 'MOUNTED' BY OPR COMMAND
		.... .1..		SYSPOOL	"X'04" JES3 SPOOL VOLUME ON DEVICE
		.... ..1.		SYSDDRAC	"X'02" ACTIVE DDR 'FROM' DEVICE
		.... ...1		SYSNSAPR	"X'01" DEVICE IS NOT ELIGIBLE FOR FOR SOFT ALLOCATION BECAUSE IT IS PERMANENTLY RESIDENT OR RESERVED. THAT IS, IT CANNOT BE SELECTED FOR VOLUME MOUNTING. THIS FLAG IS SET WHENEVER SYSPR, SYSUCBPR, OR SYSUCBR5 IS SET
160	(A0)	X'FC'	0	SYSNAVAL	"SYSALLOC+SYSNALOC+SYSRSRV+SYSMNTD+SYSDDR+SYSPOOL"
161	(A1)	BITSTRING	1	SYSFLAG2	SYSFLAG2 FLAGS 2
Comment					
----- DEFINITION OF SYSFLAG2 -----					
End of Comment					
		1... ..		SYS CRTCH	"X'80" DEV USED FOR SCRATCH REQUEST
		.1... ..		SYSDEFER	"X'40" UNIT ALLOC TO DEFER REQUEST
		..1... ..		SYSRING	"X'20" WRITE ACCESS ALLOWED
		...1... ..		SYSBARR	"X'10" JOB > BARRIER REQ'D DEVICE.
		.... 1...		SYSOSRQ	"X'08" GETUNIT REQ'D DEVICE.
		.... .1..		SYSFSS	"X'04" ALLOCATED BY FSS
		.... ..1.		SYSCART	"X'02" CARTRIDGE TAPE
		.... ...1		SYSNEW	"X'01" DEVICE IS NEWLY DEFINED
162	(A2)	BITSTRING	1	SYSFLAG3	SYSFLAG3 FLAGS 3
Comment					
----- DEFINITION OF SYSFLAG3 -----					
End of Comment					
		1... ..		SYSRCVR	"X'80" VOLUME RECOVERY ACTIVE ACL BITS IN SYSFLAG3 ARE * '08' AND '04' TO CORRESPOND* WITH BITS IN UCBTFL1 *
		.... 1...		SYSACL	"X'08" ACL INSTALLED
		.... ..1..		SYSACLAC	"X'04" ACL ACTIVE/TAPE(S) AVAIL
163	(A3)	BITSTRING	1	SYSFLAG4	SYSFLAG4 FLAGS 4

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

DEFINITION OF SYSFLAG4					

THE VALUE OF THE FOLLOWING FOUR BITS SHOULD NOT BE ALTERED AS THEY ARE MAPPED IN IATYMDS (MDSFLG3) FOR PURPOSES OF BARRIER DEVICE RESERVATION.					
End of Comment					
		1...		SYSTA	"X'80" TAPE DEVICE
		.1..		SYSDA	"X'40" DIRECT ACCESS DEVICE
		..1.		SYSUR	"X'20" UNIT RECORD DEVICE
		...1		SYSGR	"X'10" GRAPHICS DEVICE
163	(A3)	X'F0'	0	SYSDTYPS	"SYSTA+SYSDA+SYSUR+SYSGR" DEVICE TYPES MASK
		.... 1..		SYSPR	"X'08" CLASS 2 DEV (VOL NOT REMVBL)
		.... .1..		SYSRM	"X'04" CLASS 1 DEV (VOL IS REMOVBL)
		.... ..1.		SYSHRSP	"X'02" DEVICE SHARED BY JES3 & MAIN
		.... ...1		SYSHRMN	"X'01" DEVICE SHARED BETWEEN MAINS 2
164	(A4)	CHARACTER	1	SYSLABEL	A=AL B=BLP N=NL S=SL X=NSL 2
165	(A5)	BITSTRING	1	SYSUCBST	SYSUCBST UCB STATUS BYTE AT LAST VRFY
Comment					

DEFINITION OF SYSUCBST					

End of Comment					
		1...		SYSUCBON	"X'80" DEVICE IS ONLINE ON MAIN
		..1.		SYSUCBRS	"X'20" VOLUME RESERVED ON MAIN
		.... .1..		SYSUCBPR	"X'04" VOLUME PERM RES ON MAIN
166	(A6)	BITSTRING	2	SYSDDRRFR	DDR 'FROM' DEVICE
168	(A8)	BITSTRING	1	SYSMEDIA	TAPE MEDIA TYPE
169	(A9)	BITSTRING	1	SYSMPUNL	MPSEQNO OF UNLOADING MAIN
170	(AA)	BITSTRING	1	SYSAINDX	UCB ATTENTION INDEX
171	(AB)	BITSTRING	1	SYSMDSAL	USED BY MDS DURING ALLOCATION
Comment					

DEFINITION OF SYSMDSAL					

End of Comment					
		1...		SYSARALC	"X'80" DEVICE IS ALLOCATED - USED BY IATMDAR DURING IATXARL SCAN PROCESSING
		.1..		SYSSALOC	"X'40" DEVICE IS SOFT ALLOCATED - USED BY IATMDAL DURING SOFT ALLOCATION
		..1.		SYSSNALC	"X'20" DEVICE IS NOT ALLOCATABLE - USED BY IATMDAL DURING SOFT ALLOCATION
		...1		SYSSONCH	"X'10" THIS SYSUNITS ENTRY IS ON THE SYSUNITS SOFT ALLOCATION CHAIN POINTED TO BY MDSYSACH IN IATYMDS - USED BY IATMDAL DURING SOFT ALLOCATION
		.... 1..		SYSRSA08	"X'08" RESERVED FLAG
		.... .1..		SYSRSA04	"X'04" RESERVED FLAG
		.... ..1.		SYSRSA02	"X'02" RESERVED FLAG
		.... ...1		SYSRSA01	"X'01" RESERVED FLAG
172	(AC)	BITSTRING	1	SYSRSPTY	PRTY OF JOB RESERVING DEVICE
173	(AD)	BITSTRING	1	SYSUSER	RESERVED FOR USER

IATYSYS Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
176	(B0)	ADDRESS	4	SYSSACHN	SYSUNITS SOFT ALLOCATION CHAIN - EACH ENTRY ON THIS CHAIN REPRESENTS A DEVICE THAT WAS SOFT ALLOCATED BY IATMDAL
180	(B4)	SIGNED	4	SYSLBPOF	LIBRARY PENDING-OFF MASK
184	(B8)	SIGNED	4	SYSEND (0)	END OF SYSUNITS ENTRY
184	(B8)	BITSTRING	1	SYSSIZE (0)	SIZE OF ENTRY = L'SYSSIZE
184	(B8)	X'0'	0	SYSTEMR	"SYSSTART" LOC IS X'FF' AT END OF TABLE

Comment

SYSUNITS Free Entry Format

End of Comment

0	(0)	DBL WORD	8	SYSFRSTR (0)	Start of Free Entry
0	(0)	BITSTRING	4	SYSFREID	Indicates that this is a SYSUNITS free entry
4	(4)	ADDRESS	4	SYSFRNXT	Address of next SYSUNITS free entry in this SYSUNITS table
8	(8)	ADDRESS	4	SYSFRPRV	Address of previous SYSUNITS free entry in this SYSUNITS table
12	(C)	SIGNED	2	SYSFRIDX	SYSUNITS index value for this entry
14	(E)	BITSTRING	1	SYSFRPAD (0)	Pad to SYSUNITS entry size
184	(B8)	SIGNED	4	SYSFREND (0)	End of free entry
184	(B8)	X'B8'	0	SYSFRSIZ	"SYSFREND-SYSFRSTR" Size of free entry

IATYSYS Cross Reference

Name

SYSACL
 SYSACLAC
 SYSAINDX
 SYSALLOC
 SYSARALC
 SYSBARR
 SYSCART
 SYSCRTCH
 SYSDA
 SYSDDR
 SYSDDRAC
 SYSDDRFR
 SYSDEFER
 SYSDTYP
 SYSEND
 SYSFENCE
 SYSFLAG1
 SYSFLAG2
 SYSFLAG3
 SYSFLAG4
 SYSFREID
 SYSFREND
 SYSFRIDX
 SYSFRNXT
 SYSFRPAD
 SYSFRPRV
 SYSFRSIZ
 SYSFRSTR
 SYSFSS
 SYSGR

Name

SYSHCNT
SYSHEND
SYSHFREE
SYSHHIGH
SYSHID

SYSHLAST
SYSHLOW
SYSHMINC
SYSHNEXT
SYSHRMN

SYSHRSP
SYSHSIZE
SYSHSTRT
SYSLABEL
SYSLBPOF

SYSMAINX
SYSMAINY
SYSMDSAL
SYSMEDIA
SYSMNTD

SYSPUNL
SYSNALOC
SYSNAVAL
SYSNEW
SYSNSAPR

SYSOSRQ
SYSPATHM
SYSPOFFM
SYSPPOOL
SYSPR

SYSRCVR
SYSRING
SYSRM
SYSRSA01
SYSRSA02

SYSRSA04
SYSRSA08
SYSRSPTY
SYSRSRV
SYSSACHN

SYSSALOC
SYSSSETVL
SYSSSETVT
SYSSSETX
SYSSIZE

SYSSLOT
SYSSNALC
SYSSONCH
SYSSSTART
SYSSYSX

SYSTA
SYSTEM
SYSUCBON
SYSUCBPR
SYSUCBRS

SYSUCBST
SYSUR
SYSUSECT
SYSUSER
SYSVOLAD

IATYSYSL Information

IATYSYSL Heading Information

Common Name: SYSLOG Job List
Macro ID: IATYSYSL
DSECT Name: SYSLSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: SYSL
 Offset: SYSLID - SYSLSTRT
 Length: L'SYSLID
Storage Attributes: Subpool: 229 (JSAM Buffer Pool)
 Key: 1
 Residency: 31
Size: SYSLTLEN
Created by: IATISEN, IATINJR, IATJVDR
Pointed to by: TVTXYSL
Serialization: None
Function: This macro maps the list of SYSLOG jobs known to JES3.

IATYSYSL Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SYSLSTRT	
0	(0)	BITSTRING	6	SYSLTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	SYSLCNT	USER COUNT.
8	(8)	CHARACTER	4	SYSLID	FILE ID.
12	(C)	BITSTRING	12	SYSLCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	SYSLVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	SYSLDATA (0)	START OF USER DATA AREA.
28	(1C)	SIGNED	2	SYSLVER	IATYSYSL version
28	(1C)	X'1'	0	SYSLVR01	"1" Initial version
28	(1C)	X'1'	0	SYSLCVER	"SYSLVR01" Current version
30	(1E)	SIGNED	2	SYSLHLEN	Length of SYSL header
32	(20)	SIGNED	2	SYSLTLEN	Length of SYSL total
34	(22)	SIGNED	2	SYSELEN	Length of each SYSL entry
36	(24)	SIGNED	2	SYSLECNT	Number of active entries
38	(26)	SIGNED	2	SYSLRSV1	Reserved for IBM
40	(28)	SIGNED	4	SYSLRSV2 (4)	Reserved for IBM
56	(38)	SIGNED	4	SYSLHEND (0)	End of header
56	(38)	X'38'	0	SYSLHSIZ	**"-SYSLSTRT" Size of the header

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SYSLNTRY	,
0	(0)	SIGNED	4	SYSLETRM (0)	Terminator 12190S5A
0	(0)	SIGNED	4	SYSLEJNO	Job number
4	(4)	SIGNED	4	SYSETIME	SYSLOG job input service time end
8	(8)	CHARACTER	8	SYSEMAIN	SYSLOG job main name
16	(10)	BITSTRING	1	SYSERELL	Product level of lowest release
17	(11)	BITSTRING	1	SYSERELH	Product level of highest release
18	(12)	BITSTRING	1	SYSLEFL1	Flag byte

Comment

 Definition of SYSLEFL1

End of Comment

1... ..	SYSLJCMP	"X'80" Job execution completed (not set until needed)
.1... ..	SYSLPC40	"X'40" Reserved bit
..1... ..	SYSLCK20	"X'20" Reserved bit

IATYSYSL Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
		...1		SYSLF110	"X'10" Reserved bit
		.... 1...		SYSLF108	"X'08" Reserved bit
		.... .1..		SYSLF104	"X'04" Reserved bit
		.... ..1.		SYSLF102	"X'02" Reserved bit
		.... ...1		SYSLF101	"X'01" Reserved bit
19	(13)	BITSTRING	1	SYSLRSV3	Reserved for IBM
20	(14)	SIGNED	4	SYSLRECS	Record count
24	(18)	BITSTRING	8	SYSLTSLO	Low time stamp for job 12190S5A
32	(20)	BITSTRING	8	SYSLTSHI	High time stamp for job 12190S5A
40	(28)	ADDRESS	4	SYSLDLST	Pointer to SYSLDSET chain 12190S5A
44	(2C)	SIGNED	4	SYSLRSV4 (9)	Reserved for IBM 12190S5A
80	(50)	SIGNED	4	SYSLLEEND (0)	End of entry
80	(50)	X'50'	0	SYSLSIZ	**"SYSLNTRY" Length of an entry

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SYSLBLDH	,
0	(0)	CHARACTER	8	SYSLBHID	Eyecatcher "SYSLBLDH"
8	(8)	ADDRESS	4	SYSLNXTH	Pointer to next header
12	(C)	ADDRESS	4	SYSLFREE	Pointer to next free entry
12	(C)	X'10'	0	SYSLBHSZ	**"SYSLBLDH" Length of job val header

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SYSLBLD	,
0	(0)	CHARACTER	4	SYSLBEID	Eyecatcher "BLDE"
4	(4)	ADDRESS	4	SYSLNXTE	Pointer to next entry
8	(8)	BITSTRING	1	SYSLBLDE	SYSL entry
8	(8)	X'58'	0	SYSLBSIZ	**"SYSLBLD" Length of this thing

Comment

----- 12190S5A
 SYSLCHNK is the unit of storage obtained during 12190S5A
 initialization (job validation) to build SYSL 12190S5A
 entries. 12190S5A

----- 12190S5A

End of Comment

8	(8)	X'1144'	0	SYSLCHNK	"SYSLBHSZ+50*SYSLBSIZ+L'TVTRMFF" Length of one 12190S5A chunk 12190S5A
---	-----	---------	---	----------	--

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SYSLDSET	, SYSLOG Data Sets Header 12190S5A
0	(0)	CHARACTER	8	SYSLDEYE	Eyecatcher "SYSLDSET" 12190S5A
8	(8)	ADDRESS	4	SYSLDNXT	Pointer to next SYSLDSET 12190S5A
12	(C)	SIGNED	4	SYSLDLEN	Size of this data area 12190S5A (header + entries) 12190S5A
16	(10)	SIGNED	4	SYSLDBUF (0)	JDS buffer number (4 bytes) 12190S5A
16	(10)	SIGNED	2		Filler 12190S5A
18	(12)	SIGNED	2	SYSLDBF2	JDS buffer number (2 bytes) 12190S5A
20	(14)	SIGNED	4	SYSLDJNO	Job number 12190S5A
24	(18)	SIGNED	4	SYSLDRV1 (2)	Reserved for IBM 12190S5A
24	(18)	X'20'	0	SYSLDENH	*** End of data set header 12190S5A
24	(18)	X'20'	0	SYSLDHSZ	**"SYSLDSET" Length of data set header 12190S5A

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SYSLDSEN	, SYSLOG Data Sets Entry 12190S5A
0	(0)	SIGNED	4	SYSLDTRM (0)	Terminator 12190S5A
0	(0)	SIGNED	4	SYSLDSNO	Data set number 12190S5A

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
4	(4)	BITSTRING	8	SYSLDTSL	Low time stamp 12190S5A
12	(C)	BITSTRING	8	SYSLDTSH	High time stamp 12190S5A
20	(14)	SIGNED	2	SYSLDOFS	Offset of JDS entry 12190S5A
22	(16)	BITSTRING	1	SYSLDFL1	Flag byte 1

Comment

 Definition of SYSLDFL1

End of Comment

		1... ..		SYSLDMTY	"X'80" Empty SYSLOG data set
		.1.. ..		SYSLD140	"X'40" Reserved bit for IBM
		..1.		SYSLD120	"X'20" Reserved bit for IBM
		...1		SYSLD110	"X'10" Reserved bit for IBM
		.... 1...		SYSLD108	"X'08" Reserved bit for IBM
		.... .1..		SYSLD104	"X'04" Reserved bit for IBM
		.... ..1.		SYSLD102	"X'02" Reserved bit for IBM
		.... ...1		SYSLD101	"X'01" Reserved bit for IBM
23	(17)	BITSTRING	1	SYSLDRV3	Reserved for IBM
24	(18)	SIGNED	4	SYSLDRV4 (2)	Reserved for IBM 12190S5A
24	(18)	X'20'	0	SYSLDENE	*** End of data set entry 12190S5A
24	(18)	X'20'	0	SYSLDESZ	**SYSLDSEN" Length of data set entry 12190S5A

IATYSYSL Cross Reference

Name

SYSEMAIN
 SYSERELH
 SYSERELL
 SYSETIME
 SYSLBEID

 SYSLBHID
 SYSLBHSZ
 SYSLBLD
 SYSLBLDE
 SYSLBLDH

 SYSLBSIZ
 SYSLCHN
 SYSLCHNK
 SYSLCK20
 SYSLCNT

 SYSLCVER
 SYSLDATA
 SYSLDBF2
 SYSLDBUF
 SYSLDENE

 SYSLDENH
 SYSLDESZ
 SYSLDEYE
 SYSLDFL1
 SYSLDHSZ

 SYSLDJNO
 SYSLDLEN
 SYSLDLST
 SYSLDMTY
 SYSLDNXT

IATYSYSL Cross Reference

Name

SYSLDOFS
SYSLDRV1
SYSLDRV3
SYSLDRV4
SYSLDSEN

SYSLDSET
SYSLDSNO
SYSLDTRM
SYSLDTSH
SYSLDTSL

SYSLD101
SYSLD102
SYSLD104
SYSLD108
SYSLD110

SYSLD120
SYSLD140
SYSLECNT
SYSLEEND
SYSLEFL1

SYSLEJNO
SYSLELEN
SYSLESIZ
SYSLETRM
SYSLFREE

SYSLF101
SYSLF102
SYSLF104
SYSLF108
SYSLF110

SYSLHEND
SYSLHLEN
SYSLHSIZ
SYSLID
SYSLJCMP

SYSLNTRY
SYSLNXT
SYSLNXT
SYSLPC40
SYSLRECS

SYSLRSV1
SYSLRSV2
SYSLRSV3
SYSLRSV4
SYSLSTRT

SYSLTLEN
SYSLTRK
SYSLTSHI
SYSLTSLO
SYSLVER

SYSLVLID
SYSLVR01

IATYS34 Information

IATYS34 Programming Interface information

Programming Interface information

IATYS34

End of Programming Interface information

Heading Information • IATYS34 Map

IATYS34 Heading Information

Common Name: JES3 SVC 34 CONTROL BLOCK
Macro ID: IATYS34
DSECT Name: IATYS34
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: S34
 Offset: S34ID
 Length: 4
Storage Attributes: Main Storage: SP253 or JES3 Private
Size: 244 Bytes
Created by: IATSI34
 * 2
Pointed to by: STADATA in IATYSTA
Serialization: NONE
Function: THIS CONTROL BLOCK MAPS THE JES3 SVC 34 CONTROL BLOCK IN THE STAGING AREA SENT TO THE SVC 34 DESTINATION QUEUE. IT CONTAINS INFORMATION ABOUT THE ISSUER OF THE SVC, CONSOLE ID, CONSOLE AUTHORITY, AND COMMAND TEXT. THIS INFORMATION WILL BE USED BY IATCNM TO BUILD THE INPUT CONSOLE BUFFER. NOTE THAT IF THE COMMAND TEXT LENGTH CHANGES FOR SVC 34, THEN THE TEXT LENGTH OF OF S34TEXT SHOULD CHANGE ALSO.

IATYS34 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	IATYS34	
0	(0)	SIGNED	4	S34START (0)	START OF S34 CONTROL BLOCK
0	(0)	SIGNED	2	S34JSLEN	LENGTH USED FOR JSERV
2	(2)	CHARACTER	4	S34ID	EYE CATCHER
6	(6)	ADDRESS	2	S34VRSN	VERSION LEVEL
6	(6)	X'1'	0	S34220	"1" VERSION LEVEL FOR HJS2220
6	(6)	X'2'	0	S34313	"2" VERSION LEVEL FOR HJS3313
6	(6)	X'3'	0	S34521	"3" VERSION LEVEL FOR HJS5521
6	(6)	X'3'	0	S34VRID	"S34521" VERSION LEVEL VALUE
8	(8)	BITSTRING	1	S34RSVD	RESERVED FOR DEVELOPMENT
9	(9)	BITSTRING	1	S34AUTH	JES3 AUTHORITY OF CONSOLE ISSUING SVC 34
12	(C)	SIGNED	4	S34RSVD1	RESERVED FOR DEVELOPMENT 1
16	(10)	SIGNED	2	S34RSVD5	RESERVED FOR SERVICE
20	(14)	SIGNED	4	S34RSVD7	Reserved for development
24	(18)	BITSTRING	1	S34FLAG1	FLAG BYTE

Comment

 THE FLAG BITS IN S34FLAG1 MUST BE DEFINED THE SAME AS THOSE IN THE IATYCNS MACRO FOR CONSIFLG.

End of Comment

24	(18)	X'20'	0	S34INTCM	"CNINTCOM" Command from INTERCOM
24	(18)	X'2'	0	S34VALCK	"CNVALCHK" BYPASS AUTHORITY CHECKING
24	(18)	X'1'	0	S34CMDTR	"CNCMDTR" Bypass command text translation
25	(19)	BITSTRING	3	S34MAUTH	MCS CONSOLE AUTHORITY
28	(1C)	CHARACTER	80	S34TOKEN	OPERATOR COMMAND UTOKEN
108	(6C)	CHARACTER	5	S34RSVD2	RESERVED FOR DEVELOPMENT
113	(71)	CHARACTER	2	S34RSVD3	RESERVED FOR SERVICE
115	(73)	BITSTRING	1	S34RSVD6	RESERVED FOR DEVELOPMENT 12
116	(74)	CHARACTER	2	S34SNDID	IDENTIFIER OF THE SENDER

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
<p>-----</p> <p>The field S34SNDID can only be set to '34' by JES3 code. Any other value is considered to be from user code.</p> <p>-----</p>					
End of Comment					
116	(74)	X'F3F4'	0	S34SI34	"C'34'" IATSI34 IDENTIFIER
118	(76)	CHARACTER	5	S34RSVD4	RESERVED FOR USER
123	(7B)	BITSTRING	1	S34TXTLN	LENGTH OF TEXT
124	(7C)	CHARACTER	126	S34TEXT	COMMAND TEXT
124	(7C)	X'FA'	0	S34PEND	***

Comment

IATYCNDDB_1;;
 START OF SPECIFICATIONS
 01 PROPRIETARY STATEMENT=
 PROPRIETARY_STATEMENT
 LICENSED MATERIALS - PROPERTY OF IBM
 5647-A01 COPYRIGHT IBM CORP. 1989, 2010
 STATUS= HJS7770
 END_OF_PROPRIETARY_STATEMENT
 This data area is maintained as a CASE mapping macro.
 Changes should be made to the CASE source and then
 the PLX and Assembler should be regenerated.
 Do NOT make changes to the PLX or Assembler directly!

01 Descriptive Name: Console Destination Block
 Acronym: CNDB
 01 Macro Name: IATYCNDDB
 01 DSECT Name: IATYCNDDB
 --based variable for storage mapping
 01 Component: JES3 (SC1BA)
 01 Function:

02 The console destination block is a control block that
 contains information related to the destination that
 messages should be sent to. This control block is built
 as commands are entered into to the system and is used by
 command processors as a destination for where to return
 messages to. The control block is imbedded in other
 control blocks and the size of the data area must not
 change (otherwise a JES3 cold start is required). The
 data is referenced by non-source maintained modules, so
 offsets into the data area must not change.

01 Eye-Catcher: CNDBEYE
 02 Offset: 4
 02 Length: 4
 01 Language: PL/X
 01 Storage Attributes:
 02 Allocation Method: Imbedded within other control blocks
 02 Main Storage: 94
 02 Virtual Storage: 94

IATYS34 Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
02 Auxiliary Storage: 94					
02 Subpool: n/a					
02 Key: 1					
02 Data Space: N/A					
02 Residency: any					
02 Frequency: n/a					
02 Size: 94					
02 Created by: n/a					
02 Deleted by: n/a					
02 Pointed to by: Imbedded within other control blocks					
02 Serialization: none					
01 EXTERNAL CLASSIFICATION: DMTI					
01 END OF EXTERNAL CLASSIFICATION:					
01 Method Of access:					
02 ASM: IATYCNDB					
02 PLX: %INCLUDE SYSLIB(IATYCNDB)					
01 CHANGE ACTIVITY:					
\$QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support					
\$RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init					
\$T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0					
CASE/390 - VERSION 49					
END OF SPECIFICATIONS					
%					
End of Comment					
252	(FC)	SIGNED	4	S34CNDB (0)	IATYCNDB.27: based variable for storage mapping
252	(FC)	SIGNED	4		Four byte console id 0176
256	(100)	CHARACTER	4		IATYCNDB eyecatcher
260	(104)	ADDRESS	4		IATYCNDB version
264	(108)	BITSTRING	8		Reserved for development
272	(110)	BITSTRING	8		Console Name 0176
280	(118)	BITSTRING	24		Reserved for development
304	(130)	SIGNED	2		Reserved for development
306	(132)	BITSTRING	40		Reserved for development
306	(132)	X'15A'	0	S34END	***
306	(132)	X'15A'	0	S34LEN	"S34END-S34START" Length of S34 control block

IATYS34 Cross Reference

Name

IATYS34
 S34AUTH
 S34CMDTR
 S34CNDB
 S34END
 S34FLAG1
 S34ID
 S34INTCM
 S34JSLEN
 S34LEN
 S34MAUTH
 S34PEND
 S34RSVD
 S34RSVD1
 S34RSVD2
 S34RSVD3
 S34RSVD4
 S34RSVD5
 S34RSVD6
 S34RSVD7

Name

S34SI34
S34SNDID
S34START
S34TEXT
S34TOKEN

S34TXTLN
S34VALCK
S34VRID
S34VRSN
S34220

S34313
S34521

IATYTCK Information

IATYTCK Heading Information

Common Name: TCP Checkpoint
Macro ID: IATYTCK
DSECT Name: TCKSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IATYTCK (IATYTCK)
 Offset: 0
 Length: 4
Storage Attributes: Subpool: 0 (JES3 Address Space)
Size: See module listing
Created by: N/A
Pointed to by:
Serialization: None
Function: TCP/IP NJE Checkpoint Area
 The purpose of the TCK is to contain information about TCP/IP NJE connections that must be remembered across a restart of JES3. Specifically, Netservs, Sockets, and TCP/IP protocol nodes are remembered and the status of those structures is updated during a hot start. The checkpoint is needed for two purposes:
 (1) To prevent the deletion of an active structure during a hot start with refresh. The deletion happens but the structure is then added back. (A structure is a Netserv, socket, or TCP/IP node.)
 (2) To preserve the status information of active structures during any type of hot start, possibly with an IPL. (For example, a socket might be active on a local when the global gets IPLed.)
 The TCP/IP NJE Checkpoint Record is a chained single record file. Each spool buffer contains the following:
 (1) A header, with a record id of "TCK " and spool chaining information.
 (2) One subrecord for each active Netserv, with a subtype id of "NSCK".
 (3) One subrecord for each active socekt, with a subtype id of "SCCK".
 (4) One subrecord for each active TCP/IP node, with a subtype id of "NJCK".
 Although initially built contiguously by subtype, there is no guarantee that the subrecords will remain in the order built because of the possibility of modify commands causing new entries to be written.

IATYTCK Map

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

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	TCKSTART	
0	(0)	BITSTRING	6	TCKTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	TCKCNT	USER COUNT.
8	(8)	CHARACTER	4	TCKID	FILE ID.
12	(C)	BITSTRING	12	TCKCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	TCKVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	TCKDATA (0)	START OF USER DATA AREA.
28	(1C)	CHARACTER	4	TCKSUBTP	Record subtype
32	(20)	ADDRESS	1	TCKVER	Version indicator 04653SRA

IATYTCK Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
32	(20)	X'1'	0	TCKIVER	"1" Initial version 04653SRA
32	(20)	X'1'	0	TCKCOVER	"TCKIVER" Current version 04653SRA
33	(21)	ADDRESS	3	TCKHRSV1	Reserved for IBM 04653SRA
36	(24)	SIGNED	4	TCKROOML	Room left in buffer
40	(28)	SIGNED	2	TCKOFFST	Offset to first subrecord 04653SRA
42	(2A)	SIGNED	2	TCKOFLST	Offset of last subrecord 04653SRA
44	(2C)	SIGNED	4	TCKHRSV2 (5)	Reserved for IBM
64	(40)	CHARACTER	1	TCKHEND (0)	End of header
64	(40)	X'40'	0	TCKHSIZE	"TCKHEND-TCKSTART" Size of TCK header

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	TCKENTRY	
0	(0)	CHARACTER	4	TCKENTYP	Subtype id and eyecatcher
4	(4)	BITSTRING	1	TCKEFLG1	Flags
		1... ..		TCKLGDEL	"X'80" Entry is logically deleted
		.1.		TCKF1R40	"X'40" Reserved for IBM
		..1.		TCKF1R20	"X'20" Reserved for IBM
		...1		TCKF1R10	"X'10" Reserved for IBM
		.... 1...		TCKF1R08	"X'08" Reserved for IBM
		.... .1..		TCKF1R04	"X'04" Reserved for IBM
		.... ..1.		TCKF1R02	"X'02" Reserved for IBM
		.... ...1		TCKF1R01	"X'01" Reserved for IBM
5	(5)	ADDRESS	1	TCKSRVER	Subrecord version 11000S3C
5	(5)	X'0'	0	TCKSRIVR	"0" Initial subrecord version 11000S3A
5	(5)	X'1'	0	TCKSRCVR	"1" Current subrecord version 11000S3A
6	(6)	SIGNED	2	TCKOFFNX	Offset to next subrecord 0000 = Last FFFF = Last in buffer
8	(8)	SIGNED	4	TCKENTR2 (5)	Reserved for IBM
28	(1C)	CHARACTER	1	TCKENTDA (0)	Subrecord data follows

Comment

 NSCK subtype record.

End of Comment

28	(1C)	CHARACTER	8	NSCKNAME	Copy of NTSVNAME
36	(24)	CHARACTER	8	NSCKSTAK	Copy of NTSVSTAK
44	(2C)	CHARACTER	8	NSCKSYSN	Copy of NTSVSYSN
52	(34)	CHARACTER	255	NSCKHOST	Copy of NTSVHOST
307	(133)	ADDRESS	1	NSCKRSV3	Reserved for IBM
308	(134)	BITSTRING	16	NSCKRSV4	Reserved for IBM
324	(144)	ADDRESS	2	NSCKPORT	Copy of NTSVPORT
326	(146)	BITSTRING	1	NSCKFLG1	Copy of NTSVFLG1
327	(147)	ADDRESS	1	NSCKRSV1	Reserved for IBM
328	(148)	SIGNED	4	NSCKRSV2 (5)	Reserved for IBM
348	(15C)	CHARACTER	1	NSCKEND (0)	End of subrecord
348	(15C)	X'15C'	0	NSCKSIZE	"NSCKEND-TCKENTRY" Size of subrecord

Comment

 SCCK subtype record.

End of Comment

28	(1C)	CHARACTER	8	SCCKNAME	Copy of SOCKNAME
36	(24)	CHARACTER	8	SCCKNODE	Copy of SOCKNODE
44	(2C)	CHARACTER	8	SCCKNVNM	Copy of SOCKNVNM
52	(34)	CHARACTER	8	SCCKSYSN	Copy of SOCKNVNM's NTSVSYSN
60	(3C)	CHARACTER	255	SCCKHOST	Copy of SOCKHOST
315	(13B)	BITSTRING	1	SCCKRSV3	Reserved for IBM

Offsets

Dec	Hex	Type/Value	Len	Name (Dim)	Description
316	(13C)	BITSTRING	16	SCCKRSV4	Reserved for IBM
332	(14C)	ADDRESS	2	SCCKPORT	Copy of SOCKPORT
334	(14E)	ADDRESS	2	SCCKSPDX	Copy of SOCKSPDX
336	(150)	BITSTRING	1	SCCKFLG1	Copy of SOCKFLG1
337	(151)	ADDRESS	1	SCCKJTRN	Copy of SOCKJTRN
338	(152)	ADDRESS	1	SCCKOTRN	Copy of SOCKOTRN
339	(153)	ADDRESS	1	SCCKJRCV	Copy of SOCKJRCV
340	(154)	ADDRESS	1	SCCKORCV	Copy of SOCKORCV
341	(155)	ADDRESS	3	SCCKRSV1	Copy of SOCKSPDX
344	(158)	ADDRESS	2	SCCKACTP	Copy of SOCKACTP
346	(15A)	BITSTRING	2	SCCKRSV5	Reserved for IBM
348	(15C)	SIGNED	4	SCCKRSV2 (4)	Reserved for IBM
364	(16C)	CHARACTER	1	SCCKEND (0)	End of subrecord
364	(16C)	X'16C'	0	SCCKSIZE	"SCCKEND-TCKENTRY" Size of subrecord

Comment

NJCK subtype record.

End of Comment

28	(1C)	CHARACTER	8	NJCKNAME	Copy of NJENAME
36	(24)	ADDRESS	1	NJCKJTRN	Copy of NJEJTRN
37	(25)	ADDRESS	1	NJCKOTRN	Copy of NJEOTRN
38	(26)	ADDRESS	1	NJCKJRCV	Copy of NJEJRCV
39	(27)	ADDRESS	1	NJCKORCV	Copy of NJEORCV
40	(28)	BITSTRING	1	NJCKFLG1	Copy of NJEFLAG1
41	(29)	BITSTRING	1	NJCKFLG2	Copy of NJEFLAG2
42	(2A)	BITSTRING	1	NJCKATTR	Record attributes 11000S3A
		1... ..		NJCKATSP	"X'80" Entry contains SPART index 11000S3A
		.1.. ..		NJCKAT40	"X'40" Reserved for IBM 11000S3A
		..1.		NJCKAT20	"X'20" Reserved for IBM 11000S3A
		...1		NJCKAT10	"X'10" Reserved for IBM 11000S3A
		.... 1...		NJCKAT08	"X'08" Reserved for IBM 11000S3A
		.... .1..		NJCKAT04	"X'04" Reserved for IBM 11000S3A
		.... ..1.		NJCKAT02	"X'02" Reserved for IBM 11000S3A
		.... ...1		NJCKAT01	"X'01" Reserved for IBM 11000S3A
43	(2B)	ADDRESS	1	NJCKRSV1	Reserved for IBM 11000S3C
44	(2C)	SIGNED	2	NJCKSPDX	Copy of NJESPNDX 11000S3A
46	(2E)	SIGNED	2	NJCKRSV2 (9)	Reserved for IBM 11000S3C
64	(40)	CHARACTER	1	NJCKEND (0)	End of subrecord
64	(40)	X'40'	0	NJCKSIZE	"NJCKEND-TCKENTRY" Size of subrecord

Comment

The following equates are function codes for the TCP Checkpoint service (IATNTTCK). They dictate what function is to be performed.

End of Comment

64	(40)	X'1'	0	TCKCREAT	"1" Create new TCK structure
64	(40)	X'2'	0	NETSVCKP	"2" Netserv checkpoint update
64	(40)	X'3'	0	SOCKTCKP	"3" Socket checkpoint update
64	(40)	X'4'	0	NODECKP	"4" TCP/IP node checkpoint update
64	(40)	X'5'	0	TCKRESTR	"5" Restore checkpointed info
64	(40)	X'6'	0	TCKREAD	"6" Read checkpoint
64	(40)	X'7'	0	TCKWRITE	"7" Write checkpoint
64	(40)	X'7'	0	TCKMAXFC	"TCKWRITE" Maximum function code

IATYTCK Cross Reference

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

The following equates are option codes set from the READ parameter for functions NETSVCKP, SOCKTCKP, and NODECKP.					

End of Comment					
64	(40)	X'1'	0	TCKREDNO	"1" READ=NO
64	(40)	X'2'	0	TCKREDYS	"2" READ=YES

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	TCKWORKA	
0	(0)	BITSTRING	364	TCKWKENT	Room for max size subrecord
364	(16C)	ADDRESS	4	TCKCRFDB	Current FDB save area
368	(170)	ADDRESS	4	TCKCURBP	Current buffer pointer
372	(174)	ADDRESS	4	TCKMOSOC	Entry point of IATMOSOC
376	(178)	ADDRESS	4	TCKMONSV	Entry point of IATMONSV
380	(17C)	ADDRESS	4	TCKMONJ	Entry point of IATMONJ
384	(180)	SIGNED	2	TCKWKESZ	Size of work entry
386	(182)	SIGNED	2	TCKWKR1	Reserved for IBM
388	(184)	CHARACTER	1	TCKWRKAE (0)	End of work area
388	(184)	X'184'	0	TCKWRKSZ	"TCKWRKAE-TCKWORKA" Size of work area

IATYTCK Cross Reference

Name

NETSVCKP
 NJCKATSP
 NJCKATTR
 NJCKAT01
 NJCKAT02
 NJCKAT04
 NJCKAT08
 NJCKAT10
 NJCKAT20
 NJCKAT40
 NJCKEND
 NJCKFLG1
 NJCKFLG2
 NJCKJRCV
 NJCKJTRN
 NJCKNAME
 NJCKORCV
 NJCKOTRN
 NJCKRSV1
 NJCKRSV2
 NJCKSIZE
 NJCKSPDX
 NODECKP
 NSCKEND
 NSCKFLG1
 NSCKHOST
 NSCKNAME
 NSCKPORT
 NSCKRSV1
 NSCKRSV2

Name

NSCKRSV3
NSCKRSV4
NSCKSIZE
NSCKSTAK
NSCKSYSN

SCCKACTP
SCCKEND
SCCKFLG1
SCCKHOST
SCCKJRCV

SCCKJTRN
SCCKNAME
SCCKNODE
SCCKNVNM
SCCKORCV

SCCKOTRN
SCCKPORT
SCCKRSV1
SCCKRSV2
SCCKRSV3

SCCKRSV4
SCCKRSV5
SCCKSIZE
SCCKSPDX
SCCKSYSN

SOCKTCKP
TCKCHN
TCKCNT
TCKCREAT
TCKCRFDB

TCKCURBP
TCKCVER
TCKDATA
TCKEFLG1
TCKENTDA

TCKENTRY
TCKENTR2
TCKENTYP
TCKF1R01
TCKF1R02

TCKF1R04
TCKF1R08
TCKF1R10
TCKF1R20
TCKF1R40

TCKHEND
TCKHRSV1
TCKHRSV2
TCKHSIZE
TCKID

TCKIVER
TCKLGDEL
TCKMAXFC
TCKMONJ
TCKMONSV

TCKMOSOC
TCKOFFNX
TCKOFFST
TCKOFLST
TCKREAD

IATYTCK Cross Reference

Name

TCKREDNO
TCKREDYS
TCKRESTR
TCKROOML
TCKSRCVR

TCKSRIVR
TCKSERVER
TCKSTART
TCKSTART
TCKSUBTP

TCKTRK
TCKVER
TCKVLID
TCKWKENT
TCKWKESZ

TCKWKRV1
TCKWORKA
TCKWRITE
TCKWRKAE
TCKWRKSZ

IATYTCP Information

IATYTCP Heading Information

Common Name: TCP data area
Macro ID: IATYTCP
DSECT Name: TCPSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IATYTCP (IATYTCP)
 Offset: 0
 Length: 8
Storage Attributes: Subpool: 0 (JES3 Address Space)
Size: See module listing
Created by: N/A
Pointed to by: R13 in TCP FCT
Serialization: None
Function: TCP/IP NJE FCT Data CSECT

IATYTCP Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	TCPSTART	
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					
MACDATE -93/07/13-<0>					
End of Comment					
36	(24)	SIGNED	2	M00M0050 (0)	IXZXENVR-0
Comment					
IXZXENVR-0					
TCP FCT data fields.					
End of Comment					
36	(24)	CHARACTER	8	TCPNNAME	NETSERV name
44	(2C)	CHARACTER	8	TCPNJNUM	Netserv job id in EBCDIC
52	(34)	CHARACTER	8	TCPCMDSC	SOCKET= name in command
60	(3C)	CHARACTER	8	TCPCMDND	NODE= name in command
68	(44)	ADDRESS	4	TCPNSV	NETSERV SUPUNIT pointer
72	(48)	ADDRESS	4	TCPLMLC	LMLC staging area storage
76	(4C)	ADDRESS	4	TCPPRML	IATOSBM parmlist address
80	(50)	ADDRESS	4	TCPTSAVE	Temporary save area

IATYTCP Map

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

Build area for 'C ntsvname,A=aaaa' DSTSVC34 staging area.					
The 'SEND' command is sent to the SVC 34 destination queue via the JSERV service with modifier code MODSVC34.					
The TEXT= keyword in JSERV points to an area which has the following format:					
TEXT=					
+-----+-----+					
|LEN | |					
+-----+					
| COMMAND |					
| TEXT +----+					
| |LVLI LVL = Authority level (1 byte)					
+-----+-----+					
|CONSID | CONSID = Console ID (4 bytes)					
+-----+-----+ 0 for internal console.					

End of Comment					
84	(54)	CHARACTER	1	TCPNWRK (0)	Start of JSERV text area
84	(54)	ADDRESS	2	TCPNTXL	Text length
86	(56)	CHARACTER	1	TCPNTXT (0)	Start of command text
86	(56)	CHARACTER	2		
88	(58)	CHARACTER	8	TCPANNM	NETSERV name for cancel
96	(60)	CHARACTER	3		
99	(63)	CHARACTER	4	TCPNASI	ASID in printable hex
103	(67)	ADDRESS	1		Authority level
104	(68)	ADDRESS	4		Internal console id
108	(6C)	CHARACTER	1	TCPNWKE (0)	End of JSERV text area
108	(6C)	X'18'	0	TCPJSTXL	"TCPNWKE-TCPNWRK" Length of JSERV text area
Comment					

Calling command Console Destination Block (CNDB)

CPCLCDB IATYCNDB DSECT=NO

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

Offsets

Dec	Hex	Type/Value	Len	Name (Dim)	Description
01		Macro Name: IATYCNDDB			
01		DSECT Name: IATYCNDDB			
		--based variable for storage mapping			
01		Component: JES3 (SC1BA)			
01		Function:			
02		The console destination block is a control block that contains information related to the destination that messages should be sent to. This control block is built as commands are entered into to the system and is used by command processors as a destination for where to return messages to. The control block is imbedded in other control blocks and the size of the data area must not change (otherwise a JES3 cold start is required). The data is referenced by non-source maintained modules, so offsets into the data area must not change.			
01		Eye-Catcher: CNDBEYE			
02		Offset: 4			
02		Length: 4			
01		Language: PL/X			
01		Storage Attributes:			
02		Allocation Method: Imbedded within other control blocks			
02		Main Storage: 94			
02		Virtual Storage: 94			
02		Auxiliary Storage: 94			
02		Subpool: n/a			
02		Key: 1			
02		Data Space: N/A			
02		Residency: any			
02		Frequency: n/a			
02		Size: 94			
02		Created by: n/a			
02		Deleted by: n/a			
02		Pointed to by: Imbedded within other control blocks			
02		Serialization: none			
01		EXTERNAL CLASSIFICATION: DMTI			
01		END OF EXTERNAL CLASSIFICATION:			
01		Method Of access:			
02		ASM: IATYCNDDB			
02		PLX: %INCLUDE SYSLIB(IATYCNDDB)			
01		CHANGE ACTIVITY:			
		\$QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support			
		\$RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init			
		\$T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0			
		CASE/390 - VERSION 49			
		END OF SPECIFICATIONS			

%

End of Comment

108	(6C)	SIGNED	4	TCPCLCDB (0)	IATYCNDDB.27: based variable for storage mapping
108	(6C)	SIGNED	4		Four byte console id 0176
112	(70)	CHARACTER	4		IATYCNDDB eyecatcher
116	(74)	ADDRESS	4		IATYCNDDB version
120	(78)	BITSTRING	8		Reserved for development
128	(80)	BITSTRING	8		Console Name 0176
136	(88)	BITSTRING	24		Reserved for development
160	(A0)	SIGNED	2		Reserved for development
162	(A2)	BITSTRING	40		Reserved for development

IATYTCP Map

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

List form of IATXCNDB macro					

IATXCNDB MF=(L,TCPXCNDB) MACDATE -94/10/04-<3>					

End of Comment					
0	(0)	X'D0'	0	M00M0054	"TCPXCNDB" ++ IATXCNDB NAME
208	(D0)	DBL WORD	8	TCPXCNDB (0)	++ IATXCNDB PARM LIST
208	(D0)	BITSTRING	1	TCPXCNDB_XVERSION	++ INPUT XVERSION
209	(D1)	CHARACTER	6	TCPXCNDB_XEYECATCH	++ CONSTANT
215	(D7)	BITSTRING	2	TCPXCNDB_XFLAG1	++ FIELD_LABEL
215	(D7)	BITSTRING	0	TCPXCNDB_XOPERATION_INITIALIZE	"B'1000000000000000" ++ XOPERATION.INITIALIZE KEYWORD
215	(D7)	BITSTRING	0	TCPXCNDB_XOPERATION_TRANSFER	"B'0100000000000000" ++ XOPERATION.TRANSFER KEYWORD
215	(D7)	BITSTRING	0	TCPXCNDB_XOPERATION_UPDATE	"B'0010000000000000" ++ XOPERATION.UPDATE KEYWORD
215	(D7)	BITSTRING	0	TCPXCNDB_XOPERATION_RESET	"B'0001000000000000" ++ XOPERATION.RESET KEYWORD
215	(D7)	BITSTRING	0	TCPXCNDB_XOPERATION_VERIFY	"B'0000100000000000" ++ XOPERATION.VERIFY KEYWORD
215	(D7)	BITSTRING	0	TCPXCNDB_XOPERATION_TRANSCONSID	"B'0000010000000000" ++ XOPERATION.TRANSCONSID KEYWORD
215	(D7)	BITSTRING	0	TCPXCNDB_XOPERATION_TRANSROUT	"B'0000001000000000" ++ XOPERATION.TRANSROUT KEYWORD
215	(D7)	BITSTRING	0	TCPXCNDB_XOPERATION_EXTRACTCONSID	"B'0000000100000000" ++ XOPERATION.EXTRACTCONSID KEYWORD
		1...		TCPXCNDB_XOPERATION_EXTRACTCONSNAME	"B'0000000010000000" ++ XOPERATION.EXTRACTCONSNAME KEYWORD
		.1..		TCPXCNDB_XOPERATION_EXTRACTCONSTYPE	"B'0000000001000000" ++ XOPERATION.EXTRACTCONSTYPE KEYWORD
		..1.		TCPXCNDB_XOPERATION_EXTRACTROUT	"B'0000000000100000" ++ XOPERATION.EXTRACTROUT KEYWORD
		...1		TCPXCNDB_XOPERATION_EXTRACTCART	"B'0000000000010000" ++ XOPERATION.EXTRACTCART KEYWORD
217	(D9)	BITSTRING	1	TCPXCNDB_XABEND	++ INPUT
		1...		TCPXCNDB_XABEND_YES	"B'10000000" ++ XABEND.YES KEYWORD
		.1..		TCPXCNDB_XABEND_NO	"B'01000000" ++ XABEND.NO KEYWORD
218	(DA)	BITSTRING	1	TCPXCNDB_XUSERADDR	++ FIELD_LABEL
219	(DB)	CHARACTER	1	TCPXCNDB_XRSV001	++ RESERVED
220	(DC)	ADDRESS	4	TCPXCNDB_XCNDB	

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
					++
224	(E0)	ADDRESS	4	TCPXCNDB_XOUTCNDB	++
228	(E4)	ADDRESS	4	TCPXCNDB_XINCNDB	++
232	(E8)	ADDRESS	4	TCPXCNDB_XCONSNM	++
236	(EC)	ADDRESS	4	TCPXCNDB_XCONSID	++
240	(F0)	ADDRESS	4	TCPXCNDB_XOUTCONSID	++
244	(F4)	CHARACTER	2	TCPXCNDB_XRSV002	++ RESERVED
246	(F6)	BITSTRING	1	TCPXCNDB_XFLAG2	++ FIELD_LABEL
		1... ..		TCPXCNDB_XCMDIND_YES	"B'10000000" ++ XCMDIND.YES KEYWORD
		.1.. ..		TCPXCNDB_XCMDIND_NO	"B'01000000" ++ XCMDIND.NO KEYWORD
247	(F7)	BITSTRING	1	TCPXCNDB_XKEYS	++ FIELD_LABEL
		1... ..		TCPXCNDB_KEYUSED_CMDIND	"B'10000000" ++ KEYUSED.CMDIND KEYWORD
248	(F8)	ADDRESS	4	TCPXCNDB_XROUT	++
252	(FC)	ADDRESS	4	TCPXCNDB_XCART	++
256	(100)	ADDRESS	4	TCPXCNDB_XOUTCONSNAME	++
260	(104)	ADDRESS	4	TCPXCNDB_XOUTCONSTYPE	++
264	(108)	ADDRESS	4	TCPXCNDB_XOUTROUT	++
268	(10C)	ADDRESS	4	TCPXCNDB_XOUTCART	++
268	(10C)	X'40'	0	TCPXCNDBL	**TCPXCNDB" ++ LENGTH OF PLIST

Comment

IATXCNDB-3

TCP DSP ECF

End of Comment

272	(110)	BITSTRING	1	TCPECF	TCP DSP ECF
		1... ..		TCPSTRNV	"X'80" Post to start Netserv
		.1.. ..		TCPRESNV	"X'40" Post to restart Netserv
		..1.		TCPCANNV	"X'20" Post to cancel Netserv
		...1		TCPSTRSC	"X'10" Post to start socket
		.... 1...		TCPCANSC	"X'08" Post to cancel socket
		.... .1..		TCPECWRK	"X'04" Post for work
		.... ..1.		TCPNSVND	"X'02" Post for cancel due to NETSERV AS end
		.... ...1		TCPCANSI	"X'01" Posted for cancel socket immediate
272	(110)	X'19'	0	TCPSKCMD	"TCPSTRSC+TCPCANSC+TCPCANSI" Any socket command
272	(110)	X'60'	0	TCPNSCMD	"TCPCANNV+TCPRESNV" Any Netserv command
272	(110)	X'79'	0	TCPANYCMD	"TCPNSCMD+TCPSKCMD" Any TCP command 06277SVA

IATYTCP Map

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

TCP ECF flag 2 definitions - these are tested and acted upon when TCPECF is posted for TCPECWRK.					

----- End of Comment -----					
273	(111)	BITSTRING	1	TCPECF2	TCP ECF flag 2
		1... ..		TCPOBNMR	"X'80" Posted for outbound NMR
		.1.		TCPNJET	"X'40" Posted for n/w job transmit 04515SRC
		..1.		TCPCANT	"X'20" Cancel transmission 07032SVC
		...1		TCPCANDI	"X'10" Node cancel immediate
		.... 1..		TCPCAND	"X'08" Node cancel
		.... .1..		TCPE2R04	"X'04" Reserved for IBM
		.... ..1.		TCPE2R02	"X'02" Reserved for IBM
		.... ...1		TCPE2R01	"X'01" Reserved for IBM
274	(112)	BITSTRING	1	TCPECF2C	Working copy of TCPECF2
----- Comment -----					

TCP Initialization ECF					

----- End of Comment -----					
275	(113)	BITSTRING	1	TCPIECF	TCP Initialization ECF
		1... ..		TCPNACT	"X'80" Netserv active
		.1.		TCPNSTMO	"X'40" Netserv init timeout
		..1.		TCPNSTFL	"X'20" *FAIL while in timer 08160SXC
		...1		TCPIR10	"X'10" Reserved for IBM
		.... 1..		TCPIR08	"X'08" Reserved for IBM
		.... .1..		TCPIR04	"X'04" Reserved for IBM
		.... ..1.		TCPIR02	"X'02" Reserved for IBM
		.... ...1		TCPIR01	"X'01" Reserved for IBM
275	(113)	X'E0'	0	TCPTMPST	"TCPNACT+TCPNSTMO+TCPNSTFL" Settings that can 08160SXA be used to post TCPIECF 08160SXA during the timed wait for 08160SXA the Netserv to start 08160SXA
----- Comment -----					

----- 06277SVA					
ECF list for a Netserv's target MAINPROC. 06277SVA					
----- 06277SVA					
----- End of Comment -----					
276	(114)	SIGNED	4	TCPECFL (0)	MP/TCP ECF list 06277SVA
276	(114)	ADDRESS	4	TCPECFL1	MPLFLG 06277SVA
280	(118)	BITSTRING	1	(3)	Upper bytes must be zero 06277SVA
283	(11B)	ADDRESS	1		Mask for connect 06277SVA
284	(11C)	ADDRESS	4	TCPECFL2	TCPIECF 06277SVA
288	(120)	BITSTRING	1	(3)	Upper bytes must be zero 06277SVA
291	(123)	ADDRESS	1		Mask for timeout 06277SVA
292	(124)	ADDRESS	4	TCPECFL3	YIXIF_MEMBER_STATUS 06277SVA
296	(128)	BITSTRING	1	(3)	Upper bytes must be zero 06277SVA
299	(12B)	ADDRESS	1		Mask for processor down 06277SVA
300	(12C)	ADDRESS	4	TCPECFL4	TCPECF (command ECF) 06277SVA
304	(130)	BITSTRING	1	(3)	Upper bytes must be zero 06277SVA
307	(133)	ADDRESS	1		Mask for any command 06277SVA
308	(134)	SIGNED	4		ECF list terminator 06277SVA

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- 08160SXA					
ECF list for a Netserv's timed start. 08160SXA					
----- 08160SXA					
End of Comment					
312	(138)	SIGNED	4	TCPECFNL (0)	Netserv start ECF list 08160SXA
312	(138)	ADDRESS	4	TCPECFN1	TCPECF 08160SXA
316	(13C)	BITSTRING	1	(3)	Upper bytes must be zero 08160SXA
319	(13F)	ADDRESS	1		TCPECF events to wait for 08160SXA
320	(140)	ADDRESS	4	TCPECFN2	TCPIECF 08160SXA
324	(144)	BITSTRING	1	(3)	Upper bytes must be zero 08160SXA
327	(147)	ADDRESS	1		TCPIECF events to wait for 08160SXA
328	(148)	SIGNED	4		ECF list terminator 08160SXA
Comment					
----- 07008SXA					
ECF list for a socket sign on. 07008SXA					
----- 07008SXA					
End of Comment					
332	(14C)	SIGNED	4	TCPECFSL (0)	Socket start ECF list 07008SXA
332	(14C)	ADDRESS	4	TCPECFN1	SOCKFLG1
336	(150)	BITSTRING	1	(3)	Upper bytes must be zero 07008SXA
339	(153)	ADDRESS	1		Mask for successful signon 07008SXA
340	(154)	ADDRESS	4	TCPECFN2	SOCKFLG2
344	(158)	BITSTRING	1	(3)	Upper bytes must be zero 07008SXA
347	(15B)	ADDRESS	1		Mask for timeout 07008SXA
348	(15C)	SIGNED	4		ECF list terminator 07008SXA
Comment					

TCP recovery footprints					

End of Comment					
352	(160)	BITSTRING	1	TCPPFLG	TCP recovery footprints
		1... ..		TCGETUNT	"X'80" GETUNIT issued
		.1.. ..		TCLOGIN	"X'40" LOGIN issued
		..1.		TCGETLMC	"X'20" AGETMAIN for LMLC
		...1		TCPPFR10	"X'10" Reserved for IBM
		.... 1...		TCGETOSB	"X'08" AGETMAIN for OSBM parmlist
		.... .1..		TCPPFR04	"X'04" Reserved for IBM
		.... ..1.		TCPPFR02	"X'02" Reserved for IBM
		.... ...1		TCPPFR01	"X'01" Reserved for IBM
Comment					

TCP NJE flag 1 definitions					

End of Comment					
353	(161)	BITSTRING	1	TCPFLG1	TCP NJE flag 1
		1... ..		TCPNJEOK	"X'80" NETSERV ready to accept job
		.1.. ..		TCPRECP	"X'40" Posted for recovery
		..1.		TCPOSBM	"X'20" OSBM under NTTDR JESTAE
		...1		TCPWSOCK	"X'10" TCP DSP is waiting for a 07008SXC socket to connect 07008SXA
		.... 1...		TCPNSGNE	"X'08" NETSERV is gone
		.... .1..		TCPCANSV	"X'04" Cancel Netserv issued

IATYTCP Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... ..1.		TCPFL102	"X'02" Reserved for IBM
		.... ...1		TCPFL101	"X'01" Reserved for IBM
Comment					

TCP NJE transaction request for jobs/sysout					

End of Comment					
356	(164)	SIGNED	4	TCPNJETD (0)	TCP NJE transaction data
356	(164)	ADDRESS	2		Transaction length
358	(166)	BITSTRING	2	TCPPRTY	Transaction priority
360	(168)	BITSTRING	4	TCPJBNO	Binary job number
364	(16C)	CHARACTER	8	TCPJBNM	Job name
372	(174)	CHARACTER	8	TCPJOB1	Job identifier
380	(17C)	CHARACTER	8	TCPGRID	Group identifier
388	(184)	CHARACTER	3	TCPREQT	Transaction request type
391	(187)	CHARACTER	8	TCPNODE	Destination node name
391	(187)	X'2B'	0	TCPNJETL	** -TCPNJETD"
Comment					

TCP NMR queue for commands and messages. Each element in this queue contains an IATYNBF entry which in turn contains a chain pointer and a piece of data for an NMR.					

End of Comment					
400	(190)	ADDRESS	4	TCPFNMR	First NMR for this Netserv
404	(194)	ADDRESS	4	TCPLNMR	Last NMR for this Netserv
Comment					

TCP queue for modify commands. Each element in this queue contains an IATYTCRQ entry reflecting a modify command.					

End of Comment					
408	(198)	ADDRESS	4	TCPFMODC	First modify command TCRQ
412	(19C)	ADDRESS	4	TCPLMODC	Last modify command TCRQ
Comment					

List form of ATIME for NETSERV initialization. CPATIME ATIME MF=L ATIME for NETSERV start \$SL= z1.7.0 HJS7720 050107 PD0TN: z 1.7.0					

End of Comment					
416	(1A0)	SIGNED	4	(0)	ALIGNMENT
416	(1A0)	BITSTRING	4	TCPATIME	ID
420	(1A4)	SIGNED	4		TIME OR TOD VALUE
424	(1A8)	ADDRESS	4		ECF OR ENTER ADDRESS
428	(1AC)	ADDRESS	1		FLAG BYTE1
429	(1AD)	ADDRESS	1		FLAG BYTE2
430	(1AE)	ADDRESS	1		ECF MASK FOR POST REQUEST
431	(1AF)	ADDRESS	1		Flag byte 3
432	(1B0)	ADDRESS	4		FCT ADDRESS

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
List form of MESSAGE macro.					
CPMSGTL MESSAGE MF=L List form of MESSAGE macro					
\$T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0					
End of Comment					
436	(1B4)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
436	(1B4)	ADDRESS	4	TCPMSGTL	Text Address
440	(1B8)	BITSTRING	2		Destination Disp and Mask
442	(1BA)	BITSTRING	1		ACTION flag
443	(1BB)	ADDRESS	1		Options Flag
444	(1BC)	BITSTRING	2		Descriptor Codes
446	(1BE)	SIGNED	2		Reserved 2 Bytes
448	(1C0)	BITSTRING	17		Routing Codes
465	(1D1)	BITSTRING	1	(3)	Reserved
468	(1D4)	BITSTRING	1	(8)	Jobid
476	(1DC)	BITSTRING	1	(8)	Jobname
484	(1E4)	BITSTRING	1	(8)	Key
492	(1EC)	ADDRESS	4		CNDB Address 1
496	(1F0)	ADDRESS	4		CNDB Address 2
500	(1F4)	ADDRESS	4		CNDB Address 3
504	(1F8)	ADDRESS	4		CNDB Address 4
508	(1FC)	ADDRESS	4		CNDB Address 5
512	(200)	ADDRESS	4		MLWO Address

Comment

TCP FCT Message Text area

End of Comment					
516	(204)	CHARACTER	128	TCPMSG (0)	Message text structure
516	(204)	ADDRESS	1	TCPMSGLN	Length of message text
517	(205)	CHARACTER	127	TCPMSGTX	Message text 9
644	(284)	SIGNED	4	TCPRSVD1	Reserved for IBM
648	(288)	SIGNED	4	TCPRSVD2	Reserved for IBM
652	(28C)	SIGNED	4	TCPRSVD3	Reserved for IBM
656	(290)	DBL WORD	8	TCPEND (0)	End of IATYTCP on D-word
656	(290)	X'290'	0	TCPSIZE	"TCPEND-TCPSTART" Size of TCP data area

Comment

TCAPPEND - TCP Console Appendage
 This is the TCP Console Message Appendage. It gets activated when the TCP FCT issues a LOGIN macro. The console appendage is called by, and runs under the CONSERV FCT, when a command for TCP is entered by the operator.
 When called, the TCP FCT issues a GETUNIT for the SUPUNIT with the name given on the CALL,TCP command (NETSERV=name). From then on all commands to this FCT are issued using the socket or Netserv name, except for S,TCP,NODE=nodename which results in one or more individual S,socket commands being INTERCOMed.
 During a START, RESTART, or CANCEL command, the message, whose address is in R1, is either accepted via rc=0 or rejected via rc=8. The return code rc=4 (queue for later processing) is used if a socket level command is already being processed.

IATYTCP Map

Offsets

Dec	Hex	Type/Value	Len	Name (Dim)	Description
		<p>If it is accepted, a local copy of the message is made for later processing, and the one of the TCPECF command flags is posted to cause the TCP FCT to be dispatched from an AWAIT.</p> <p>The following commands are handled by the appendage:</p>			
		S,ntsvname			- This command is meaningless and is rejected with an error. The TCP FCT is not posted.
		R,ntsvname			- Posts the FCT to send an NRQTYPE_RESET_SERVER request to the IAZNJTCP address space.
		C,ntsvname			- Posts the FCT to send an NRQTYPE_STOP_SERVER request to the IAZNJTCP address space.
		C,ntsvname,NODE=node			
		C,ntsvname,NODE=node,I			- This command results in a post of TCPECF2. The post will be picked up by IATNTTDR which will run down the socket chain and issue a socket cancel request to the Netserv address space.
		S,TCP,SOCKET=name			- The TCPCOMND routine in IATCNIN looks up the socket to find the NETSERV FCT and the node associated with the socket. The node and socket name are moved into the input fields and the console appendage for the NETSERV FCT in question is called. The console appendage posts the FCT to start the socket with the given name.
		C,TCP,SOCKET=name			- The TCPCOMND routine in IATCNIN looks up the socket to find the NETSERV FCT and the node associated with the socket. The node and socket name are moved into the input fields and the console appendage for the NETSERV FCT in question is called. The console appendage posts the FCT to stop the socket with the given name. IATNTTDR builds a TCRQ to request the Netserv to send a NRQ with type NRQTYPE_STOP_CONN to IAZNJTCP.
		C,TCP,SOCKET=name,I			- The I parameter ("immediate") causes IATNTTDR to send an NRQTYPE_HALT_CONN NRQ to IAZNJTCP instead of an NRQTYPE_STOP_CONN NRQ. This tells IAZNJTCP to halt the socket without waiting for work to complete. Otherwise, processing is the same as for the C,TCP,SOCKET=name command.
		R,TCP,SOCKET=name			- This command is not supported. TCPCOMND in IATCNIN rejects the command so it won't even get here.
		S,TCP,NODE=nodename			- This command does not come to the console appendage directly. The TCPCOMND routine in IATCNIN runs down the socket chain looking for every socket for the specified node. For each one found, an

IATYTCP Cross Reference

Name

TCPCANT
TCPCLCDB
TCPCMDND
TCPCMDSC
TCPCNASI

TCPCNTXL
TCPCNTXT
TCPCNWKE
TCPCNWRK
TCPECF

TCPECF1
TCPECF2
TCPECF3
TCPECF4

TCPECFNL
TCPECFN1
TCPECFN2
TCPECFSL
TCPECFSS1

TCPECFSS2
TCPECF2
TCPECF2C
TCPECFWRK
TCPEND

TCPE2R01
TCPE2R02
TCPE2R04
TCPFLG1
TCPFL101

TCPFL102
TCPFMODC
TCPFNMR
TCPFPFLG
TCPFPR01

TCPFPR02
TCPFPR04
TCPFPR10
TCPGRID
TCPIECF

TCPIR01
TCPIR02
TCPIR04
TCPIR08
TCPIR10

TCPJBNM
TCPJBNO
TCPJOBI
TCPJSTXL
TCPLMLC

TCPLMODC
TCPLNMR
TCPLOGIN
TCPMSG
TCPMSGLN

TCPMSGLT
TCPMSGTX
TCPNJOK
TCPNJET
TCPNJETD

Name

TCPNJETL
TCPNJNUM
TCPNNAME
TCPNODE
TCPNSACT

TCPNSCMD
TCPNSGNE
TCPNSTFL
TCPNSTMO
TCPNSV

TCPNSVND
TCPOBNMR
TCPOSBM
TCPPRML
TCPPRTY

TCPRECP
TCPREQT
TCPRESNV
TCPRSVD1
TCPRSVD2

TCPRSVD3
TCPSIZE
TCPSKCMD
TCPSTART
TCPSTRNV

TCPSTRSC
TCPTMPST
TCPTSAVE
TCPWSOCK
TCPXCNDB
TCPXCNDB_KEYUSED_CMDIND

TCPXCNDB_XABEND

TCPXCNDB_XABEND_NO

TCPXCNDB_XABEND_YES

TCPXCNDB_XCART

TCPXCNDB_XCMDIND_NO
TCPXCNDB_XCMDIND_YES

TCPXCNDB_XCNDB

TCPXCNDB_XCONSID
TCPXCNDB_XCONSNM

TCPXCNDB_XEYECATCH

TCPXCNDB_XFLAG1
TCPXCNDB_XFLAG2

TCPXCNDB_XINCNDB
TCPXCNDB_XKEYS

IATYTCP Cross Reference

Name

TCPXCNDB_XOPERATION_EXTRACTCART
TCPXCNDB_XOPERATION_EXTRACTCONSID
TCPXCNDB_XOPERATION_EXTRACTCONSNAME
TCPXCNDB_XOPERATION_EXTRACTCONSTYPE
TCPXCNDB_XOPERATION_EXTRACTROUT
TCPXCNDB_XOPERATION_INITIALIZE
TCPXCNDB_XOPERATION_RESET
TCPXCNDB_XOPERATION_TRANSCONSID
TCPXCNDB_XOPERATION_TRANSFER
TCPXCNDB_XOPERATION_TRANSROUT
TCPXCNDB_XOPERATION_UPDATE
TCPXCNDB_XOPERATION_VERIFY
TCPXCNDB_XOUTCART
TCPXCNDB_XOUTCNDB
TCPXCNDB_XOUTCONSID
TCPXCNDB_XOUTCONSNAME
TCPXCNDB_XOUTCONSTYPE
TCPXCNDB_XOUTROUT
TCPXCNDB_XROUT
TCPXCNDB_XRSV001
TCPXCNDB_XRSV002
TCPXCNDB_XUSERADDR
TCPXCNDB_XVERSION
TCPXCNDBL

IATYTCRQ Information

IATYTCRQ Heading Information

Common Name: TCPIP Server Request Area
Macro ID: IATYTCRQ
DSECT Name: TCRQSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: TCRQ
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 0
 Data Space: None
Size: TCRQSIZE bytes
Created by: IATNTTDR, IATNTTXR
Pointed to by: NSCTTCRQ in IATYNSCT for requests queued to a server; imbedded in a staging area when sent from the global to a local using the Local Module Load/Call Destination queue.
Serialization: None
Function: This macro contains the following:

- An area for the global to send work to a Netserv consisting of a function code and a data area - Areas for a Netserv to send requests to the global. - Socket status update area - The Netserv SSISERVs this to the global with TYPE=COMM to request the global to update its data area representing the socket. - Node Information Request area - The Netserv SSISERVs this to the global with TYPE=WAIT requesting information about a remote node that has initiated a connection to this node. - Node Information Response area - Response to the Node Information Request area. *16060T8A

IATYTCRQ Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	TCRQSTRT	,
0	(0)	ADDRESS	4	TCRQNEXT	Forward chain pointer
4	(4)	ADDRESS	4	TCRQPREV	Backward chain pointer
8	(8)	CHARACTER	4	TCRQEYE	Eye catcher
12	(C)	SIGNED	4	TCRQLEN	Length fixed TCRQ + data
16	(10)	CHARACTER	8	TCRQNNAM	Netserv to receive TCRQ
24	(18)	CHARACTER	8	TCRQSNAM	Target socket for TCRQ
32	(20)	ADDRESS	1	TCRQFUNC	Function code
32	(20)	X'1'	0	TCRQSSOC	"1" Start socket
32	(20)	X'2'	0	TCRQCSOC	"2" Cancel single socket
32	(20)	X'3'	0	TCRQRNSV	"3" Reset Netserv
32	(20)	X'4'	0	TCRQCNSV	"4" Cancel Netserv
32	(20)	X'5'	0	TCRQSJTR	"5" Start socket JTRACE
32	(20)	X'6'	0	TCRQEJTR	"6" End socket JTRACE
32	(20)	X'7'	0	TCRQSITR	"7" Start socket ITRACE
32	(20)	X'8'	0	TCRQEITR	"8" End socket ITRACE
32	(20)	X'9'	0	TCRQCANT	"9" Cancel transmission 07032SVC
32	(20)	X'A'	0	TCRQNJET	"10" TCP NJE transaction
32	(20)	X'B'	0	TCRQSVTR	"11" Start socket VTRACE
32	(20)	X'C'	0	TCRQEVTR	"12" End socket VTRACE
32	(20)	X'D'	0	TCRQNMRT	"13" TCP NMR transaction
32	(20)	X'E'	0	TCRQSJTN	"14" Start Netserv JTRACE
32	(20)	X'F'	0	TCRQEJTN	"15" End Netserv JTRACE
32	(20)	X'10'	0	TCRQSITN	"16" Start Netserv ITRACE
32	(20)	X'11'	0	TCRQEITN	"17" End Netserv ITRACE
32	(20)	X'12'	0	TCRQSVTN	"18" Start Netserv VTRACE
32	(20)	X'13'	0	TCRQEVTN	"19" End Netserv VTRACE
32	(20)	X'14'	0	TCRQHSOC	"20" Halt socket
33	(21)	ADDRESS	1	TCRQVERS	Version number
33	(21)	X'1'	0	TCRQIVER	"1" Initial version

IATYTCRQ Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
33	(21)	X'1'	0	TCRQCVER	"TCRQIVER" Current version
34	(22)	ADDRESS	2	TCRQRSV1	Reserved for IBM
36	(24)	SIGNED	4	TCRQEND (0)	End of fixed area

Comment

Only 60 characters of TCRQDATA are formatted. This is because the line length ABNLNLEN in IATYABN is limited to 132 characters. We limit the EBCDIC formatting length to the same maximum length that we have for formatting hexadecimal, since in general it is not useful to indicate unprintable characters when we don't have room for the corresponding hexadecimal digits.

End of Comment

36	(24)	CHARACTER	60	TCRQDATA (0)	Start of data (for dump formatting - EBCDIC)
36	(24)	BITSTRING	60	TCRQDATX (0)	Start of data (for dump formatting - hexadecimal)
36	(24)	X'24'	0	TCRQSIZE	"TCRQEND-TCRQSTRT" Size of fixed area

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	TCISTART	
0	(0)	ADDRESS	2	TCILEN	Length of area (SELDATA) uses output length (TCIRSIZE)
2	(2)	ADDRESS	1	TCISVER	Version number
2	(2)	X'1'	0	TCISIVER	"1" Initial version
2	(2)	X'1'	0	TCISCVER	"TCISIVER" Current version
3	(3)	CHARACTER	8	TCINODE	Node name

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	TCIRSTRT	
0	(0)	ADDRESS	2	TCIRLEN	Length of area (SELDATA)
2	(2)	ADDRESS	1	TCISOVER	Output version number
2	(2)	X'1'	0	TCISOIVR	"1" Initial version
2	(2)	X'1'	0	TCISCOVR	"TCISOIVR" Current version
3	(3)	BITSTRING	1	TCIRNJEE	Node definition
3	(3)	X'6B'	0	TCIREND	*** End of response area
3	(3)	X'6B'	0	TCIRSIZE	"TCIREND-TCIRSTRT" Size of data
3	(3)	BITSTRING	4	TCIRNFND	Node not found indicator
3	(3)	X'7'	0	TCIFREND	*** End of failure area
3	(3)	X'7'	0	TCIFRSIZ	"TCIFREND-TCIRSTRT" Size of failure data

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SOCKUPDT	
0	(0)	ADDRESS	2	SOCKUPDL	Length of area (SELDATA)
2	(2)	CHARACTER	8	SOCKUPNM	Socket name for client update
10	(A)	ADDRESS	1	SOCKUPSI	Status indicator
10	(A)	X'1'	0	SOCKBCAC	"1" Client socket becoming active
10	(A)	X'2'	0	SOCKBCIA	"2" Client socket becoming inactive
10	(A)	X'3'	0	SOCKSVAC	"3" Server socket becoming active
10	(A)	X'4'	0	SOCKSVIA	"4" Server socket becoming inactive
10	(A)	X'5'	0	SOCKUPPG	"5" Socket progress update
11	(B)	ADDRESS	1	SOCKURV1	Reserved for IBM
12	(C)	BITSTRING	12	SOCKURV2	Reserved for IBM
24	(18)	BITSTRING	1	SOCKUJTR	Job transmitter count for server update
25	(19)	BITSTRING	1	SOCKUJRC	Job receiver count for server update
26	(1A)	BITSTRING	1	SOCKUOTR	SYSOUT transmitter count for server update
27	(1B)	BITSTRING	1	SOCKUORC	SYSOUT receiver count for server update

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
28	(1C)	CHARACTER	8	SOCKUPND	Node name for server update; also used to return a new server socket name
36	(24)	CHARACTER	8	SOCKUPNV	Netserv name for server update
44	(2C)	SIGNED	2	SOCKCRPT	Current socket port number.
46	(2E)	BITSTRING	1	SOCKUPTY	Update progress type
		1...		SOCKUPJS	"B'10000000" Update job (SYSIN) trans
		.1..		SOCKUPJR	"B'01000000" Update job (SYSIN) reception
		..1.		SOCKUPSS	"B'00100000" Update SYSOUT transmission
		...1		SOCKUPSR	"B'00010000" Update SYSOUT reception
		.... 1...		SOCKUCMP	"B'00001000" Update xmt/rcv is complete
		.... .1..		SOCKUB04	"B'00000100" Reserved for IBM
		.... ..1.		SOCKUB02	"B'00000010" Reserved for IBM
		.... ...1		SOCKUB01	"B'00000001" Reserved for IBM
47	(2F)	BITSTRING	1	SOCKUJSM	Update stream number
48	(30)	BITSTRING	1	SOCKURV3	Reserved for IBM
49	(31)	BITSTRING	1	SOCKUPRI	Update job priority
50	(32)	CHARACTER	2	SOCKURV4	Reserved for IBM
52	(34)	CHARACTER	8	SOCKUJBN	Update job name
60	(3C)	CHARACTER	8	SOCKUJBI	Update job ID
68	(44)	CHARACTER	8	SOCKUOWN	Update job owner
76	(4C)	SIGNED	4	SOCKUJB#	Update job number
80	(50)	SIGNED	4	SOCKUCR#	Current NJE line count 16060T8C
84	(54)	SIGNED	4	SOCKUTR#	Total NJE line count 16060T8C
88	(58)	CHARACTER	8	SOCKUORN	Job's origin node
96	(60)	CHARACTER	16	SOCKURV5	Reserved for IBM
96	(60)	X'70'	0	SOCKUPEN	*** End of data
96	(60)	X'70'	0	SOCKUPSZ	"SOCKUPEN-SOCKUPDT" Size of data

Comment

----- 16060T8A
 The following equates determine how often progress 16060T8A counts are sent to the global during SYSOUT/job 16060T8A transmission/reception. 16060T8A

16060T8A

See how the equates are used in IATNTTXR before 16060T8A making changes. They must be 1 byte and start with 16060T8A zero to eight inclusive 0's and then end with all 16060T8A 1's. 16060T8A

----- 16060T8A

End of Comment

1111	1111			SOCKUSRI	"B'11111111" Update for every 256th 16060T8A sysout record received 16060T8A
1111	1111			SOCKUSTI	"B'11111111" Update for every 256th 16060T8A sysout record transmitted 16060T8A
1111	1111			SOCKUJRI	"B'11111111" Update for every 256th job 16060T8A record received 16060T8A
1111	1111			SOCKUJTI	"B'11111111" Update for every 256th job 16060T8A record transmitted 16060T8A

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	NJETDATA	
0	(0)	BITSTRING	2	NJETLEN	Transaction length
2	(2)	BITSTRING	2	NJETPRTY	Transaction priority
4	(4)	BITSTRING	4	NJETJBNO	Binary job number
8	(8)	CHARACTER	8	NJETJBNM	Job name
16	(10)	CHARACTER	8	NJETJOBI	Job identifier
24	(18)	CHARACTER	8	NJETGRID	Group identifier
32	(20)	CHARACTER	3	NJETREQT	Transaction request type
35	(23)	CHARACTER	8	NJETNODE	Destination node name
35	(23)	X'2B'	0	NJETSIZ	**-NJETDATA" Size of NJE transaction data

IATYTCRQ Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	NMROTRAN	
0	(0)	CHARACTER	8	NMRONVAM	Target Netserv name
8	(8)	CHARACTER	1	NMRODATA	NMR contents (control info and text)
8	(8)	X'AA'	0	NMROEND	*** End of data
8	(8)	X'AA'	0	NMROSIZE	"NMROEND-NMROTRAN" Size of data

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	NMRITRAN	
0	(0)	ADDRESS	2	NMRILEN	Transaction length (SELDATA)
2	(2)	CHARACTER	1	NMRIDATA	NMR contents (control info and text)
2	(2)	X'A4'	0	NMRIEND	*** End of data
2	(2)	X'A4'	0	NMRISIZE	"NMRIEND-NMRITRAN" Size of data

IATYTCRQ Cross Reference

Name

NJETDATA
 NJETGRID
 NJETJBNM
 NJETJBNO
 NJETJOBI
 NJETLEN
 NJETNODE
 NJETPRTY
 NJETREQT
 NJETSIZE
 NMRIDATA
 NMRIEND
 NMRILEN
 NMRISIZE
 NMRITRAN
 NMRODATA
 NMROEND
 NMRONVAM
 NMROSIZE
 NMROTRAN
 SOCKBCAC
 SOCKBCIA
 SOCKCRPT
 SOCKSVAC
 SOCKSVIA
 SOCKUB01
 SOCKUB02
 SOCKUB04
 SOCKUCMP
 SOCKUCR#
 SOCKUJB#
 SOCKUJBI
 SOCKUJBN
 SOCKUJRC
 SOCKUJRI
 SOCKUJSM
 SOCKUJTI
 SOCKUJTR
 SOCKUORC
 SOCKUORN

Name

SOCKUOTR
 SOCKUOWN
 SOCKUPDL
 SOCKUPDT
 SOCKUPEN

 SOCKUPJR
 SOCKUPJS
 SOCKUPND
 SOCKUPNM
 SOCKUPNV

 SOCKUPPG
 SOCKUPRI
 SOCKUPSI
 SOCKUPSR
 SOCKUPSS

 SOCKUPSZ
 SOCKUPTY
 SOCKURV1
 SOCKURV2
 SOCKURV3

 SOCKURV4
 SOCKURV5
 SOCKUSRI
 SOCKUSTI
 SOCKUTR#

 TCIFREND
 TCIFRSIZ
 TCILEN
 TCINODE
 TCIREND

 TCIRLEN
 TCIRNFND
 TCIRNJEE
 TCIRSIZE
 TCIRSTRT

 TCISCOVR
 TCISCVER
 TCISIVER
 TCISOIVR
 TCISOVER

 TCISTART
 TCISVER
 TCRQCANT
 TCRQCNSV
 TCRQCSOC

 TCRQCVER
 TCRQDATA
 TCRQDATX
 TCRQEITN
 TCRQEITR

 TCRQEJTN
 TCRQEJTR
 TCRQEND
 TCRQEVTN
 TCRQEVTR

 TCRQEYE
 TCRQFUNC
 TCRQHSOC
 TCRQIVER
 TCRQLEN

IATYTCRQ Cross Reference

Name

TCRQNEXT
TCRQJET
TCRQNMRT
TCRQNNAM
TCRQPREV

TCRQRNSV
TCRQRSV1
TCRQSITN
TCRQSITR
TCRQSIZE

TCRQSJTN
TCRQSJTR
TCRQSNAM
TCRQSSOC
TCRQSTRT

TCRQSVTN
TCRQSVTR
TCRQVERS

IATYTSWK Information

IATYTSWK Programming Interface information

Programming Interface information

IATYTSWK

End of Programming Interface information

Heading Information • IATYTSWK Map

IATYTSWK Heading Information

Common Name: COMMON WORK AREA AND PARAMETER LIST FOR MODULES
Macro ID: IATYTSWK
DSECT Name: TSWORK TSWTRCMN OLD
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None (MOD=PURG/SICN/SIOP/SIST/SIVL)
Storage Attributes: Auxiliary Storage: N/A
 Subpool: 0 (JESPOOL)
 Key: 1 (JESKEY)
 Residency: PRIVATE ANY
Size: TSGMSIZE, TSWTRSZ, OLDSIZE
Created by: IATPURG,
 IATSICN,
 IATSIES,
 IATSIOP,
 IATSISO,
 IATSIST,
 IATSIVL
Pointed to by: WSPSTA
Serialization: NONE
Function: This macro maps the work, reply and request areas used by users of the JES3 Status, Cancel, Validate and Output (includes 'TSO' Output and external writer) processing routines. It also maps areas used by Extended Status and SAPI.

IATYTSWK Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	TSWORK	
0	(0)	DBL WORD	8	TSDATA	Data work area
8	(8)	SIGNED	4	TSWRK1	Data work area
12	(C)	SIGNED	4	TSWRK2	Data work area
16	(10)	SIGNED	4	TSSAVE (18)	Module save area
88	(58)	SIGNED	4	TSMBASE	Module base saved for ESTAE
88	(58)	X'18'	0	TSCSAV01	"24,4" Offset to register one in caller's save area
88	(58)	X'14'	0	TSSAVE13	"TSSAVE+4" Caller's save area

Comment

TSSTAPEM ESTAE MF=L

End of Comment

92	(5C)	SIGNED	4	(0)	
92	(5C)	ADDRESS	1	TSSTAPEM	FLAGS FOR TCB,PURGE,ASYNCH, AND CANCEL
93	(5D)	ADDRESS	3		FIELD NO LONGER USED
96	(60)	ADDRESS	4		PARM. LIST ADDR. NOT SPECIFIED
100	(64)	ADDRESS	4		TCB NOT SPECIFIED
104	(68)	ADDRESS	1		FLAGS
105	(69)	ADDRESS	1		THIRD FLAG BYTE
106	(6A)	ADDRESS	2		RESERVED
108	(6C)	ADDRESS	4		TOKEN VALUE AREA
112	(70)	ADDRESS	4		EXIT ADDR NOT SPECED
116	(74)	SIGNED	4	TSECB	SSISERV ECB
120	(78)	BITSTRING	112	TSSEL	Service Entrance List
232	(E8)	BITSTRING	1	TSKEY	Saved key of caller
233	(E9)	CHARACTER	1	TSRSVD3	Reserved for IBM
234	(EA)	CHARACTER	4	TSSRESI	Reserved for service
240	(F0)	SIGNED	2	TSREQLEN	Length of area
240	(F0)	X'F0'	0	TSREQST	"TSREQLEN" Request/Reply

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

Any changes to the offsets of the following fields/flags will necessitate changes to the receiving module on the JES3 Global. This will warrant a complex wide IPL....so be careful!!

End of Comment					
242	(F2)	CHARACTER	8	TSJMRUID	Userid from JMR
250	(FA)	CHARACTER	4	TSJMRCID	CPU id from JMR
254	(FE)	CHARACTER	4	TSJMRRST	Reader start time
258	(102)	CHARACTER	4	TSJMRRSD	Reader start date
262	(106)	BITSTRING	1	TSFLAGS	Flags

Comment

Definition of TSFLAGS

End of Comment					
		1...		TTSOREQ	"X'80" Requestor is TSO memory
		.1..		TSPURREQ	"X'40" Requestor is JES3 PURGE
		..1.		TSRECURS	"X'20" ESTAE recursion indicator
		...1		TSFPTKMP	"X'10" Footprint for TOKENMAP
		.... 1...		TSACEREQ	"X'08" Requestor has ACEE id

Comment

X'04' (Large multiple SA support)
 X'02' (First segment indicator)
 X'01' (Last segment indicator)

End of Comment					
264	(108)	BITSTRING	1	TSPWSP	IATYWSP in its entirety
264	(108)	X'76'	0	TSWSP	"STADATA+24"
624	(270)	BITSTRING	1	TSSSOB (0)	SSOB header and extension
624	(270)	X'180'	0	TSLSTSI	** -TSREQST" Size of fixed request/reply area
624	(270)	X'270'	0	TSGMSIZE	** -TSWORK" Work area length

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	TSWTRCMN	
0	(0)	SIGNED	4	TSWTRECB	Wait for work ECB
4	(4)	CHARACTER	4	TSWTRRST	Start time
8	(8)	CHARACTER	4	TSWTRRSP	Start date
12	(C)	CHARACTER	8	TSWUSRID	Owner of output processed
20	(14)	CHARACTER	4	TSWTRCPU	CPUID of owning job
24	(18)	BITSTRING	4	TSWTFLGS	Parameter list flags
28	(1C)	SIGNED	4	TSWTTCB	TCB for address space
32	(20)	SIGNED	4	TSWTASCB	ASCB for address space
32	(20)	X'18'	0	TSWTFLG1	"TSWTFLGS+0" First flag byte
		1...		TSWTCLUP	"X'80" Reply exit cleanup needed
		.1..		TSWTRPLY	"X'40" Issue SSISERV TYPE=REPLY
32	(20)	X'24'	0	TSWTRSZ	** -TSWTRECB" Parm list length

IATYTSWK Cross Reference

IATYTSWK Cross Reference

Name

TSACEREQ
TSCSAV01
TSDATA
TSECB
TSFLAGS

TSFPTKMP
TSGMSIZE
TSJMRCID
TSJMRRSD
TSJMRRST

TSJMRUID
TSKEY
TSLSTSIZ
TSMBASE
TSPURREQ

TSPWSP
TSRECURS
TSREQLEN
TSREQST
TSRSVD3

TSSAVE
TSSAVE13
TSEL
TSSRESI
TSSSOB

TSSTAEPM
TSTSOREQ
TSWORK
TSWRK1
TSWRK2

TSWSP
TSWTASCB
TSWTCLUP
TSWTFLGS
TSWTFLG1

TSWTRCMN
TSWTRCPU
TSWTRECB
TSWTRPLY
TSWTRRSP

TSWTRRST
TSWTRSZ
TSWTTCB
TSWUSRID

IATYTVT Information

IATYTVT Programming Interface information

Programming Interface information

IATYTVT

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

- AASPMAP
- ABACKR
- ABENDAPG
- ABLOCK
- ACLOSE
- ACONCONS
- ACONSBCB
- ACONSRMT
- ACTLTRAP
- ADEBLOCK
- ADELETE
- ADEQ
- ADLTABLE
- AENQ
- AFDADD
- AFDDELET
- AFDFIND
- AGETBUF
- AGETMAIN
- AIATINIT
- AINTDATA
- AIOFDLST
- AIOFDTOP
- ALOAD
- ALOCATE
- ANJECHKS
- ANJECNSQ
- ANJESRCH
- ANJETBL
- ANOTE
- AOPEN
- AOPEND
- APAR
- APOINT
- APURGE
- APUTBUF
- APUTMAIN
- ARELEASE
- ARETNAD
- ASAVE
- ASPABND0
- ASPECB
- ASYSIOSP
- ATEST
- ATIME
- ATRACK
- AWAITEP
- AWRITE
- BY
- CHENDAPG
- CKPTAREA
- CONCNJS
- CONCNVRT
- CONREVRT
- CONSAUTH
- DCTRAPS
- DELETED
- DEQMSG
- DEVSCAN
- DJCCKFDB
- DSPIG
- DYNALRTY
- DYNDYNP
- FAILDSP
- FINDJNUM
- FIRSTDEB
- GETUNIT
- IATXAMDV
- IATXCNS
- IATXCPYF
- IATXCSS
- IATXELA
- IATXELD
- IATXELS
- IATXERCV
- IATXFRQ
- IATXGOSE
- IATXIOX
- IATXIWT
- IATXJDS
- IATXJET
- IATXOSBM
- IATXOSPC
- IATXOSPM
- IATXOSSC
- IATXOSSO
- IATXOSWS
- IATXPOSE
- IATXPRMD
- IATXPRT
- IATXRABC
- IATXRABD
- IATXRABP
- IATXRELC
- IATXSCN1
- IATXSCN2
- IATXSIO
- IATXSMF
- IATXSPR
- IATXTRC
- INTERCOM
- JDSADD
- JDSBENRY
- JDSGET
- JDSHOLD
- JDSPOINT
- JDSPUT
- JDSREL
- JESCKPNT
- JESCLOSE
- JESEXCP
- JESMODLK
- JESMSG
- JESMSGRT
- JESOPEN
- JESREAD
- JESSNAP
- JESTAE
- JNADD
- JNCBHL
- JNCBREL
- JNCBTOP
- JNDEL
- JNGET
- JNUMR
- JOBNALOC
- JOBNRTN
- JOBNSET
- JSERV
- JSSDADR
- JSSFCT
- JSSRETRN
- LINE
- LOGIN
- LOGOUT
- MCLASS
- MDSPARM
- MESSAGE
- MGROUP
- MLBCB
- MNTRKFDB
- MOVEDATA
- NCBTAADD
- NCBTAFND
- NCBTAGET
- NCBTAPUT
- NCBTAREL
- NCKADD
- NCKDEL
- OSGRJGET
- OSGRJPUT
- OSGRJREL
- OW36022
- PFKTABLE
- POSTSRS
- PRTAB
- PURCHAIN
- PUTUNIT
- RCLOSE
- RESTABLE
- RJPECB
- RJPIO
- RJPRTERM
- RJPSNAP
- RJPTAB
- ROPEN
- RQTAADD
- RQTADDEL
- RQTAPUT
- SCTAB
- SETNAMES
- SPINOFF
- SRJPNDRA
- SRJPRSET
- SRJPRSRB
- 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

IATYTVT Programming Interface information

- SRJPSNSG
- SRJPSNST
- SRJPSQAN
- SRJPSRT
- SRJPSTQ
- SYSTAB
- SYSUNITS
- TCKFDB
- TESTSRS
- THIS
- TIDSNT
- TIHWST
- TIPARMS
- TPROCCHN
- TVABNGET
- TVJCTREL
- TVONLFDB
- TVTABMN
- TVTATCB
- TVTAUXT
- TVTBALJ
- TVTBALST
- TVTBDCDA
- TVTBSC
- TVTBTR
- TVTCALNT
- TVTCIECB
- TVTCISCH
- TVTCL012
- TVTCNJST
- TVTCNTOR
- TVTCSF
- TVTCTVT
- TVTDFCB
- TVTDISK
- TVTDMCDE
- TVTDMCQ
- TVTDMDK
- TVTDSPIQ
- TVTDSPMO
- TVTDSP00
- TVTDSSCH
- TVTERRQ
- TVTERRWK
- TVTESTE6
- TVTEUDTA
- TVTFDCPB
- TVTFSECB
- TVTFSEPL
- TVTFSEPN
- TVTFSEPS
- TVTFSL
- TVTFSLG
- TVTFSRC
- TVTFSS
- TVTFSSAB
- TVTFSSAM
- TVTFSSAR
- TVTFSSCK
- TVTFSSCL
- TVTFSSFD
- TVTFSSFP
- TVTFSSFS
- TVTFSSRS
- TVTFSSST
- TVTGMS1
- TVTGROCO
- TVTGRSM1
- TVTIFCAD
- TVTINPUT
- TVTIOPRM
- TVTIQECA
- TVTIRA
- TVTITKPM
- TVTJADAD
- TVTJBTS
- TVTJBTXP
- TVTJDEQ
- TVTJMF
- TVTJMQA
- TVTJNCHN
- TVTJNFND
- TVTJQEDQ
- TVTJQENQ
- TVTJQX
- TVTJSSDA
- TVTJ3PST
- TVTLDAAD
- TVTLPJ3
- TVTMAPRJ
- TVTMDSRD
- TVTMEMD
- TVTMSMI
- TVTMSPAT
- TVTMSU
- TVTNOTFY
- TVTNUCT
- TVTOSDIE
- TVTOSFP
- TVTOUTPT
- TVTPBITL
- TVTPDAAD
- TVTPSSCH
- TVTPTATS
- TVTPTCAD
- TVTPTCKP
- TVTRAP
- TVTRETNT
- TVTRQCAD
- TVTRTAB
- TVTSAFCL
- TVTSDEAD
- TVTSMFCH
- TVTSNECB
- TVTSNFDB
- TVTSNPNA
- TVTSOCK
- TVTSPCK
- TVTSPDEF
- TVTSPINT
- TVTSPLST
- TVTSPPC
- TVTSTAD
- TVTSTECB
- TVTSTMD
- TVTSTTAL
- TVTSTTBD
- TVTSTTBL
- TVTSTTPG
- TVTSTTSR
- TVTSVLST
- TVTTAWK
- TVTTGBAD
- TVTTGBUP
- TVTTRC2
- TVTVIOPM
- TVTVPTH
- TVTWROSE
- TVTXATDE
- TVTXBPL
- TVTXCKPT
- TVTXCNDB
- TVTXDPL
- TVTXGCL
- TVTXJCT
- TVTXJLOK
- TVTXJQE
- TVTXRCL
- TVTXSQE
- TVXTOD
- VATAFCT
- VGETFCT
- VGETRSQ
- WRTCHAIN
- WTDQUE
- ZEROCORE
- 0008
- 07081SXA
- 2#0008

End of Programming Interface information

IATYTVT Heading Information

Common Name: TRANSFER VECTOR TABLE
Macro ID: IATYTVT
DSECT Name: IATGRVT (TVTABLE or alternate name 0041 supplied by calling module) 0041
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IATGRVT (in JES3 address space),
IATGRVTF (in C/I FSS address space)
Offset: TVTID
Length: 8
Storage Attributes: Main Storage: JES3 PRIVATE AREA and FSS PRIVATE AREA
Auxiliary Storage: CHECKPOINTED FROM TVTINSAV TO TVTEND AT INITIALIZATION TIME
Size: 1st Section: 29 bytes.
2nd Section: 3384 bytes.
Created by: IATGRVT
Pointed to by: Register 12,
SVTTVT in IATYSVT,
SSCTSUSE in IEFJSCVT,
BALTVT in FSS BALJ'S,
FCTTVPTR in IATYFCT
Serialization: NONE
Function: Contains the JES3 master internal
communications table for JES3 and
address spaces using FSS alternate
NUCLEUS support.

NOTE: There are two sections of the TVT which you must pay attention to when updating the TVT.

1) The first section is the entry points section (from label TVTEPST to TVTEPE). The first set of entry points (TVTEPST - TVTEPS) are routines which are not counted by the iteration counter utility (module IATUTIC). The second set of entry points (TVTEPCST - TVTEPE) are counted by the iteration counter. Any changes in this section must also be made in the entry point section in module IATUTIC.

The next section of the TVT to be concerned with is from label TVTINSAV to TVTEND. This section contains standard values, default values, and constants which are checkpointed during initialization (see RESTRICTIONS).

IATYTVT Map

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

Comment

WARNING

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

End of Comment

Comment

JES3 MODULE ENTRY POINT IDENTIFIER

01 Change Activity:
\$SV=TCPNJEB HJS7730 050629 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

IATYTVT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
40	(28)	SIGNED	4	TVTINDAT (2)	IATINIT DATE JES3 STARTED - 0CYDDDF
40	(28)	X'2C'	0	TVTINTIM	"TVTINDAT+4" IATINIT TIME JES3 STARTED - HHMMSSSTH
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 IATNUC1 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
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)" IATGRMT 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... ..		INICMP	"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

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

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	MDSFARM	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

IATYTVT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
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	TVTALNT	"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	TVT SOCK	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
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.	SRJPCB	"X'20" REMOVE CONTROL BLOCKS FLAG
...1	SRJPPOP	"X'10" PROCESS OPER. COMMANDS FLAG
.... 1...	SRJPWKQ	"X'08" PROCESS WORK QUEUES FLAG

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
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	RQDTP	ORIGIN OF DEMAND SEL Q
380	(17C)	ADDRESS	4	RQTOP	FIRST RESQUEUE ENTRY
384	(180)	ADDRESS	4	SCTAB	SET BY IATINGN SYSOUT CLASS TABLE
388	(184)	ADDRESS	4	SETNAMES	SET BY IATINMD SETNAMES TABLE
392	(188)	ADDRESS	4	SUPUNITS	SET BY IATINDEV SUPPORT UNITS TABLE
396	(18C)	ADDRESS	4	SYSTAB	SET BY IATINDEV 1ST SYS ENTRY IN SUPUNITS
400	(190)	ADDRESS	4	SYSUNITS	SET BY IATGRSYS SYSTEM UNITS TABLE
404	(194)	ADDRESS	4	TVTMDSRD	SET BY IATINMD MDSSRS DATA AREA ADDRESS
408	(198)	ADDRESS	4	TVTLDAAAD	SET BY IATINLC LOCATE DATA AREA ADDRESS
412	(19C)	ADDRESS	4	TVTBALJ	IATINIO JES3 BUFFER ALLOC BLK
416	(1A0)	ADDRESS	4	TVTDATQ	QUEUE OF IATYDATS FOR DISKS
416	(1A0)	X'1A0'	0	TVTDMCQ	"TVTDATQ" QUEUE OF IATYDMCS FOR DISKS
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	TVTFFSS	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	TVTSPPC	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

IATYTVT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
500	(1F4)	ADDRESS	4	TVTTAWK	PTR TO TRACK ALLOC DSP RREPOOL
504	(1F8)	BITSTRING	1	TVTTAECF	TRACK ALLOC DSP ECF
Comment					
----- DEFINITION OF TVTTAECF -----					
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
524	(20C)	ADDRESS	4	TVTSOSRQ	Sysout Application Program Interface (SAPI) Output Service Restart Q (OSR)
528	(210)	ADDRESS	4	TVTOSRTQ	OUTPUT SERVICE RESTART QUE for FSS writers
532	(214)	ADDRESS	4	TVTRU050 (4)	AVAILABLE TO USER 4
548	(224)	BITSTRING	1	TVTJNCBF	DJC FLAGS
Comment					
----- DEFINITION OF TVTJNCBF -----					
End of Comment					
		.1..		DJCPOST	"X'40'" DJC POSTED
		...1		DJCACTIV	"X'10'" IATDCUP IS ACTIVE
		.... ..1.		JNCBPOST	"X'02'" JNCB POSTED
549	(225)	BITSTRING	1	TVTSMFFL	SMF FLAGS
Comment					
----- DEFINITION OF TVTSMFFL -----					
End of Comment					
		1...		SMFPOST	"X'80'" SMF REC TO BE WRITTEN
		.... ..1.		SMFRCUR	"X'02'" SMF RECURSION BIT
		.... ...1		SMFDYFCT	"X'01'" DYNAM FCT HAS BEEN BUILT
550	(226)	BITSTRING	1	TVTSPFFL	SETPRT COUNT
551	(227)	BITSTRING	1	TVTWTDEC	ECF TO POST WTD PROCESSING

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

Work To Do Driver post flags.					

End of Comment					
		1... ..		TVTWDPS	"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
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

IATYTVT Map

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

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
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	JOBNSSET	"V(JNUMSET)" IATGRJN SET NUMBER FOR JOBNO. SCAN 1
668	(29C)	ADDRESS	4	JSSRETRN	"V(JSSRTN)" IATGRJR DSP RETURN POINT TO IATGRJR
672	(2A0)	ADDRESS	4	TVTJETCR	"V(CSBTCRT)" IATGRJA JET create routine address 0010
676	(2A4)	ADDRESS	4	TVABNGET	IATABN0 VIRT ADDR VALID'N RTN
680	(2A8)	ADDRESS	4	TVTABMN	SET BY IATABMN ADDR OF MODULE IATABMN
684	(2AC)	ADDRESS	4	TVTSTAD	SET BY IATABMN ABEND SERIALIZATION SERVICE 1
688	(2B0)	ADDRESS	4	TVTJ3PST	IATINIO POSTJES3 RTN IN CSA
692	(2B4)	ADDRESS	4	TVTVPPTH	"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

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
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)" IATIQUI OUTPUT SERVICE INQUIRY IMPLEMENTATION
740	(2E4)	ADDRESS	4	TVTDSPMO	"V(MODOSFCT)" IATMOOI OUTPUT SERVICE MODIFY IMPLEMENTATION
744	(2E8)	ADDRESS	4	TVTJNFND	"V(GRJNFIND)" IATGRJN Find available number 07081SXA using a bit map 07081SXA 1
748	(2EC)	ADDRESS	4	SRJPSNLK	SET BY IATSNLD SNARJP LCB USE COUNT MANAGER

Comment

THESE EQUATED VALUES ARE USED BY THE MACRO IATXSNLK

					End of Comment
		....	....	SNLKINC	"X'00000000',4" SNARJP - INCREMENT USE COUNT
		....	.1..	SNLKDEC	"X'00000004',4" SNARJP - DECREMENT USE COUNT
		....	1...	SNLKINNC	"X'00000008',4" SNARJP - INC USE COUNT NO CHECK
		....	....	SNLKERR	"X'80000000',4" SNARJP - ERROR EXIT SPECIFIED
		....	....	SNLKNORM	"X'40000000',4" SNARJP - NORMAL EXIT SPECIFIED
752	(2F0)	ADDRESS	4	SRJPSNFS	SET BY IATSNLD SNARJP FAILDSP PROCESSOR
756	(2F4)	ADDRESS	4	SRJPSNST	SET BY IATSNLD SNARJP TERMINATION STATUS MANG

Comment

THESE EQUATED VALUES ARE USED BY THE MACRO IATXSNST

					End of Comment
		....	....	SNSTON	"X'00000000',4" SNARJP - TURN STATUS BIT ON
		....	.1..	SNSTOFF	"X'00000004',4" SNARJP - TURN STATUS BIT OFF
		....	1...	SNSTTEST	"X'00000008',4" SNARJP - TEST STATUS BIT
		....	11..	SNSTTNCH	"X'0000000C',4" SNARJP - TEST STATUS BIT NO CHK
		....	....	SNSTERR	"X'80000000',4" SNARJP - ERROR EXIT SPECIFIED
		....	....	SNSTNORM	"X'40000000',4" SNARJP - NORMAL EXIT SPECIFIED
		1...	....	SNSTQI	"X'80" SNARJP - QUIESCE IMMEDIATE
		.1..	....	SNSTQ	"X'40" SNARJP - QUIESCE
		..1.	....	SNSTRQ	"X'20" SNARJP - CLSDST REQUESTED
		...1	....	SNSTCM	"X'10" SNARJP - CLSDST COMPLETED
		....	1...	SNSTFCB	"X'08" SNARJP - CONTROL BLOCK TO BE FREED
		....	.1..	SNSTONTQ	"X'04" SNARJP - LCB HAS BEEN ON TERMINATE QUEUE
760	(2F8)	ADDRESS	4	SRJPSNDN	SET BY IATSNLD DFC NEG RESPONSE ROUTINE
764	(2FC)	ADDRESS	4	SRJPSNDV	SET BY IATSNLD DFC RECEIVE ROUTINE
768	(300)	ADDRESS	4	SRJPNDR	SET BY IATSNLD DFC RECEIVE ANY ROUTINE
772	(304)	ADDRESS	4	SRJPSNDT	SET BY IATSNLD DFC RESTART ROUTINE
776	(308)	ADDRESS	4	SRJPSNDG	SET BY IATSNLD DFC RUGET ROUTINE
780	(30C)	ADDRESS	4	SRJPSNDM	SET BY IATSNLD DFC STATE MANAGER ROUTINE

IATYTVT Map

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

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
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 IATABNO ABEND
		1... ..		TVTABNOF	"X'80" HIGH ORDER BIT OF ASPABND0 1-ABNO
988	(3DC)	ADDRESS	4	TVTRD086	DOESN'T CALL ABNO
992	(3E0)	ADDRESS	4	ATRACK	RESERVED FOR DEVELOPMENT
					"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	TVPTCKP	"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(JOBNTST)" IATGRJN FIND JOB NUMBER
1076	(434)	ADDRESS	4	GETUNIT	"V(GETUNI)" IATGRGU GETUNIT
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

IATYTVT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
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	JESEXP	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	JNCBHL	"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	JSSADR	"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
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	RQTADL	"V(RQTADLX)" IATGRRQ RESQUEUE TABLE DELETE

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
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	TVTDSCH	IATIIPC DISABLE PROCESSING AND SCHEDULING ENTRY POINT
1508	(5E4)	ADDRESS	4	TVTSSCH	IATIIPS POSTSCAN SCHEDULER ENTRY PT
1512	(5E8)	ADDRESS	4	TVJCTREL	"V(XJCT2000)" IATGRJX DEQ FCT FROM ALL JCT'S
1516	(5EC)	SIGNED	4	TVTRD00H	RESERVED FOR DEVELOPMENT
1520	(5F0)	ADDRESS	4	TVTDISK	"V(DISK)" IATDMNC ENTRY PT FROM JSAM FCT
1524	(5F4)	ADDRESS	4	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	TVTOUTPUT	"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... ..		TVXTODF	"X'80" HIGH ORDER BIT OF TVXTODF 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
1608	(648)	ADDRESS	4	WRTCHAIN	"V(WRTCHN)" IATDMNC WRITE CHAIN OF SRF-S
1612	(64C)	ADDRESS	4	ZEROCORE	"V(ZEROCRE)" IATDMNC CLEAR CORE TO ZEROS 1
1616	(650)	ADDRESS	4	IATXOSWS	"V(IATOSWS)" IATOSWS OUTPUT SERVICE SCHEDULER
1620	(654)	ADDRESS	4	IATXOSSC	"V(IATOSSC)" IATOSSC OUTPUT SERVICE SUBSYSTEM SYSOUT REQUEST SCHEDULER
1624	(658)	ADDRESS	4	IATXOSBM	"V(IATOSBM)" IATOSBM OUTPUT SERVICE BDT MANAGER
1628	(65C)	ADDRESS	4	IATXOSPC	"V(IATOSPC)" IATOSPC OUTPUT SERVICE PSO REQUEST SCHEDULER
1632	(660)	ADDRESS	4	IATXOSSO	"V(IATOSSO)" IATOSSO Output Service SYSOUT Appl Programming Interface (SAPI)
1636	(664)	ADDRESS	4	TVTJQENQ	"V(JSSJQENQ)" IATGRJS ADD A JQE TO A READY OR WAIT QUEUE
1640	(668)	ADDRESS	4	TVTJQEDQ	"V(JSSJQEDQ)" IATGRJS DELETE A JQE FROM A READY OR WAIT QUEUE
1644	(66C)	ADDRESS	4	TVTNOTFY	"V(JSSNOTFY)" IATGRJS NOTIFY ROUTINE
1648	(670)	ADDRESS	4	DLOCON	"V(SSSDSLON)" IATSSDS Activate a dest queue entry
1652	(674)	ADDRESS	4	DSQLOCEP	"V(SSSDSLOC)" IATSSDS Locate a dest queue entry
1656	(678)	ADDRESS	4	DLOCOFF	"V(SSSDSLOF)" IATSSDS Deactivate a dest queue entry
1660	(67C)	ADDRESS	4	TVTRD150 (3)	RESERVED FOR 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

IATYTVT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
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	TVTMMXINT	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
		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	DSPPOSTSC	"V(POSTSCAN)" IATGRPT DSP DICT ENTRY FOR POSTSCAN
1884	(75C)	ADDRESS	4	DSPDMJA	"V(DMJA)" IATGRPT DSP DICT ENTRY FOR DMJA
1888	(760)	ADDRESS	4	DSPOUTPT	"V(OUTSERV)" IATGRPT DSP DICT ENTRY FOR OUTSERV

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1892	(764)	ADDRESS	4	DSPFSSCT	"V(FSSCONT)" IATGRPT DSP DICT ENTRY FOR FSS CONTROLLER
1896	(768)	ADDRESS 1... ..	4	DSPURGE TVTDRFLG	"V(PURGE)" IATGRPT DSP DICT ENTRY FOR PURGE "X'80" HIGH ORDER BIT OF DRDCB 1 = DRDCB IN USE
1900	(76C)	BITSTRING	1	DNMCONVI	IATGRPT(F) DSP NUMBER FOR CI
1901	(76D)	BITSTRING	1	DNMDISBL	IATGRPT DSP NUMBER FOR DISABLE
1902	(76E)	BITSTRING	1	DNMENABL	IATGRPT DSP NUMBER FOR ENABLE
1903	(76F)	BITSTRING	1	DNMISDRV	IATGRPT DSP NUMBER FOR INPUT SERV.
1904	(770)	BITSTRING	1	DNMMAIN	IATGRPT DSP NUMBER FOR MAIN
1905	(771)	BITSTRING	1	DNMPSTSC	IATGRPT DSP NUMBER FOR POSTSCAN
1906	(772)	BITSTRING	1	TVTRD190	RESERVED FOR DEVELOPMENT
1907	(773)	BITSTRING	1	DNMOUTPT	IATGRPT DSP NUMBER FOR OUTSERV
1908	(774)	BITSTRING	1	DNMPURGE	IATGRPT DSP NUMBER FOR PURGE
1909	(775)	BITSTRING	1	TVTRD200	RESERVED FOR DEVELOPMENT
1910	(776)	SIGNED	2	TVTSJFWK	IATUX20 SWBTUREQ WORKING STG SIZE 2
1912	(778)	ADDRESS	4	FIRSTDEB	SET BY IATGROP ADDR OF JES3 EXCP DEB AVT 2
1916	(77C)	ADDRESS	4	TVTFSFCT	"V(FSFCT)" IATGRPT FCT FOR FAILSOFT
1920	(780)	ADDRESS	4	TVTWFCT	"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... ..		TVTSPCK	"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
		.... 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

IATYTVT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
2024	(7E8)	ADDRESS	4	TVTATRCA	IATINAX AUX TASK PATH TRACE TABLE
2028	(7EC)	ADDRESS	4	TVTJNCHN	IATGRAN PTR TO IATYJNRM C/BLOCK
2032	(7F0)	ADDRESS	4	TVTRD210	Reserved for development
2036	(7F4)	ADDRESS	4	OSSRQTOP	IATOSDR START OF RQ OUTPUT CHAIN
2040	(7F8)	ADDRESS	4	OSSWAIT	SET BY IATGRRQ OUTPUT SERVICE WAIT Q
2044	(7FC)	ADDRESS	4	TVTRS219	Reserved for development
2048	(800)	DBL WORD	8	(0)	ALIGN TO DOUBLEWORD
2048	(800)	ADDRESS	4	RJPASYNQ	RJP ASYNCHRONOUS BUFFER QUEUE
2052	(804)	ADDRESS	4	RJPECB (0)	RJP POST ECB
2052	(804)	BITSTRING	1	RJPECF	RJP POST FLAG BYTE
2053	(805)	BITSTRING	3		USED BY MVS POST
		1...		RJPECFCE	"X'80" CHANNEL END OCCURRED
		.1.		RJPECFMT	"X'40" TIME LIMIT EXPIRED
		..1.		RJPECFAB	"X'20" RJP LINE TO BE CANCELLED
		...1		RJPECFOP	"X'10" OPERATOR COMMAND RECEIVED
		.... 1...		RJPECFST	"X'08" RJP LINE TO BE STARTED
		.... .1..		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	TVTICITCB	IATINAT C/I SUBTASK TCB
2076	(81C)	ADDRESS	4	TVTICTCH	IATINAT INTERP. CONTROL TABLE CHAIN
2080	(820)	ADDRESS	4	TIDSNT	IATINIF RESDSN TABLE ADDRESS
2084	(824)	ADDRESS	4	TIHWST	IATINIF HIGHWATER SETUP NAME TABLE
2088	(828)	ADDRESS	4	TIPARMS	IATINIF CIPARM TABLE ADDRESS
2092	(82C)	ADDRESS	4	TPROCCHN	IATINIP CI PROCLIB TABLE ADDRESS 2
2096	(830)	ADDRESS	4	TVTCKFCT	ADDR OF FCT ISSUING ERRXXX
2100	(834)	ADDRESS	4	TVTCKMSG	ADDR OF MSG BUFFER ERRXXX
2104	(838)	BITSTRING	4	TVTFSLGA	IATABMN FAILSOFT LOGOUT AREA (AVAIL)
		1...		TVTFSLOG	"X'80" HIGH ORDER BIT OF TVTFSLGA 1-LOGOUT AREA AVAILABLE
2108	(83C)	BITSTRING	4	TVTFSWA	IATINIT FAILSOFT WK AREA-SP5 (AVAIL)
		1...		TVTFSWRK	"X'80" HIGH ORDER BIT OF TVTFSWA 1-WORK AREA AVAILABLE
2112	(840)	ADDRESS	4	TVTIOPRM	IATINSD ADDR I/O PARAMETER BLOCK 1
2116	(844)	ADDRESS	4	TVTIQECA	"V(INQECF)" INQUIRY ECF ADDRESS
2120	(848)	ADDRESS	3		MUST BE ZERO
2123	(84B)	ADDRESS	1	TVTIQECM	INQUIRY LOCAL PROC ECF MASK
2124	(84C)	ADDRESS	4	TVTITKPM	SET BY IATINIT IATINTK PARMS LIST ADDR
2128	(850)	ADDRESS	4	TVTJDEQ	"V(ALDJDEQ)" IATGRDL JES3 ALOAD Q
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(DUMYCND)" 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

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

TVTPJCL is the ARM FCT ECF. It must be on a fullword boundary for compare and swap.					

End of Comment					
2220	(8AC)	SIGNED	4	(0)	
2220	(8AC)	BITSTRING	1	TVTPJCL	ARM FCT ECF
		1... ..		TVTPJCLP	"X'80" XPJCL POST
2221	(8AD)	BITSTRING	1	TVTRD220 (3)	RESERVED FOR DEVELOPMENT
2224	(8B0)	ADDRESS	4	TVTNUCT	IATINIT NUC TASK TCB ADDRESS
2228	(8B4)	ADDRESS	4	TVTAUXT	IATINAX AUX TASK TCB ADDRESS
2232	(8B8)	SIGNED	4	TVTSTECB	TASK SERIALIZATION WAIT ECB
2236	(8BC)	ADDRESS	4	TVTSTTCB	ADDRESS OF STATUS STOPPED TCB
2240	(8C0)	ADDRESS	4	TVTATCB	"V(ATCB)" ADDRESS OF ATCB IN IATATCB
2244	(8C4)	ADDRESS	4	SRJPSNDU	SET BY IATSNLD DFC OUTPUT ROUTINE
2248	(8C8)	ADDRESS	4	SRJPSNDR	SET BY IATSNLD DFC RESPONSE IRB ROUTINE
2252	(8CC)	ADDRESS	4	SRJPSRBR	SET BY IATSNLD DFC RESPONSE SRB ROUTINE
2256	(8D0)	ADDRESS	4	SRJPSNDP	SET BY IATSNLD DFC RUPUT ROUTINE
2260	(8D4)	ADDRESS	4	SRJPSNDS	SET BY IATSNLD DFC SEND ROUTINE
2264	(8D8)	ADDRESS	4	SRJPSNDE	SET BY IATSNLD DFC TERMINATE ROUTINE
2268	(8DC)	ADDRESS	4	SRJPRSET	SET BY IATSNLD DFC RESET ENTRY TO SNDE
2272	(8E0)	ADDRESS	4	SRJPSNDF	SET BY IATSNLD DFC FRR ROUTINE
2276	(8E4)	ADDRESS	4	SRJPSNDA	SET BY IATSNLD DFC RC ANALYSIS ROUTINE
2280	(8E8)	ADDRESS	4	TVTRS230	RESERVED FOR SERVICE
2284	(8EC)	ADDRESS	4	TVTRU230 (3)	RESERVED FOR USER

CODE AND ASSOCIATED AREAS					
0					
Certain dummy instructions are defined as place 0 holders in DSECTs for corresponding real code in 0 IATGRVT. These place holders use hard coded 0 register numbers instead of IATYREG equates because 0 not all register equates are defined in PL/X modules 0 generated from CASE. 0					

End of Comment					

2296	(8F8)	ADDRESS	4	TVTTRC2	IATMOTR ADDR OF TRACE TRAP CODE
2300	(8FC)	SIGNED	4	TVTTRC3	IATGRTX R14 SAVE AREA - TRACE TRAP
2304	(900)	ADDRESS	4	DCTRAPS	IATUTDC DC TRAP
2308	(904)	SIGNED	4	TVTRD230 (3)	RESERVED FOR DEVELOPMENT
2340	(924)	SIGNED	4	DSPRSCNT	Number of DSPs in specialized reschedule
2344	(928)	SIGNED	4	TVTISJ	IATISEN Number of jobs that have gone through input service
2348	(92C)	SIGNED	4	TVTMBJ	IATGRJS Number of jobs that have gone through main service

NOTE: THE TVT IS SAVED FROM THIS POINT ON FOR INISH CHECKPOINT STANDARDS/DEFAULTS AND DATA - FULLWORD					

End of Comment					

2352	(930)	SIGNED	4	TVTINSAV (0)	
2352	(930)	SIGNED	8	TVINITID	SET BY IATINIC,INCD SPOOL RCRDS INISH ID

IATYTVT Map

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

Comment

 ADDRESS SPACE SPECIFIC CI COUNTS

End of Comment

2444	(98C)	SIGNED	4	TVTMXDCCI	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	XCFDEFPGP	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

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
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	IATGRD 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
2776	(AD8)	ADDRESS	4	SRJPSNSG	SET BY IATSNLD SAVE AREA GET ROUTINE
2780	(ADC)	ADDRESS	4	SRJPSNJP	SET BY IATSNLD JES3 POST ROUTINE
2784	(AE0)	ADDRESS	4	SRJPSNFI	SET BY IATSNLD FM INBOUND ROUTINE
2788	(AE4)	ADDRESS	4	SRJPSNFO	SET BY IATSNLD FM OUTBOUND ROUTINE
2792	(AE8)	ADDRESS	4	SRJPSNPI	SET BY IATSNLD PS INBOUND ROUTINE
2796	(AEC)	ADDRESS	4	SRJPSNPO	SET BY IATSNLD PS OUTBOUND ROUTINE
2800	(AF0)	ADDRESS	4	SRJPSNLM	SET BY IATSNLD MSG RTN ENTRY POINT
2804	(AF4)	ADDRESS	4	TVTRS280	RESERVED FOR SERVICE
Comment					
----- FDB'S AND DATA - HALFWORD -----					
End of Comment					
2808	(AF8)	BITSTRING	12	DJCKCFDB	DJC CKPT FDB 1
2820	(B04)	BITSTRING	12	GMSFDB	MAIN SCHEDULING CHKPT FDB 1
2832	(B10)	BITSTRING	28	MNTRKFDB	SINGLE TRACK TABLE TAT FDB 4
2860	(B2C)	BITSTRING	12	SMRFDB	SELECT MODE RECORD FDB 1
2872	(B38)	BITSTRING	12	TVONLFDDB	SYSUN VARY STATUS CKPT FDB 1
2884	(B44)	BITSTRING	28	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	AIONBFM	IATINIO MAX NUMBER EVER IN USE 12
2950	(B86)	SIGNED	2	TVTRD300 (2)	Reserved for IBM
2954	(B8A)	SIGNED	2	TVTDFATFS	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

IATYTVT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
2972	(B9C)	SIGNED	2	TVTRS310 (4)	Reserved for Service
Comment					
<p style="text-align: center;">18463TAA 18463TAA</p> <p>IMPORTANT NOTE ABOUT FLAG TVTSPFLC: 18463TAA 18463TAA</p> <p>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</p> <p>(1) the customer has always been hot starting since the 18463TAA introduction of OW01162 18463TAA</p> <p>(2) or, the customer explicitly set SDI to OFF. 18463TAA 18463TAA</p> <p>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</p>					
End of Comment					
2980	(BA4)	BITSTRING	1	TVTSPFLC	Spool Flags - checkpointed
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

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

IATYTVT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
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
		.... .1..		JSSEFADD	"X'04" ENDING FUNCTION RQ ADDED TO EF CHAIN (INDEX=RQDONE OR RQCMLPT)
		.... ..1.		JSSPROCN	"X'02" A PROCLIB HAS BEEN ENABLED
		.... ...1		JSSRQTMR	"X'01" TIMER INTERVAL EXPIRED FOR RETRY AFTER RQ SHORTAGE
3013	(BC5)	BITSTRING	1	JSSFLG2	JSS FLAG BYTE
----- Comment -----					
----- DEFINITION OF JSSFLG2 -----					
----- End of Comment -----					
		1...		JSSFSTIM	"X'80" JSS FIRST PASS AFTER START
		.1..		JSSACTIV	"X'40" JSS FIRST PASS COMPLETED
		..1.		JSSCHKPT	"X'20" JSS CHECKPOINT JCT REQUEST
		...1		JSSSTART	"X'10" *S JSS HAS BEEN ISSUED
		.... 1...		JSSWORKQ	"X'08" ONE OR MORE JQES HAVE BEEN ADDED TO THE JSS READY Q
		.... .1..		TVTMLPLV	"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

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
		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		TVTBOOTH	"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
		.... ...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.		TVTGLOBAL	"X'40" GLOBAL MODE INDICATOR
		..1.		TVTLOCAL	"X'20" LOCAL MODE INDICATOR
		...1		TVTDSIBK	"X'10" DSI back to this system 0005
		.... 1...		TVTVRT	"X'08" SYSTEM IS VIRTUAL
		.... .1..		TVTOLDGL	"X'04" SYSTEM WAS AN OLD GLOBAL
		.... ..1.		TVTDSIOK	"X'02" DSI completed on the new 0005 global 0005

Comment

JESMSGGLG Suppression Flags from STANDARDS statement

End of Comment

3025	(BD1)	ADDRESS	1	TVTJESMS	JESMSGGLG flag (default set to NOTSO)
		1... ..		TVTJNTSO	"X'80" TSO JESMSGGLG suppression flag
		.1.		TVTJNSTC	"X'40" STC JESMSGGLG suppression flag
		..1.		TVTJNBAT	"X'20" Batch JESMSGGLG suppression flag
3026	(BD2)	BITSTRING	1	TVTCIFLG	FLAG FOR C/I
		1... ..		TVTCBCLS	"X'80" CIBATCH=CLASS (STANDARDS)
		.1.		TVTCBJOB	"X'40" CIBATCH=JOB " @WA35670
		..1.		TVTCDCLS	"X'20" CIDEMAND=CLASS " @WA35670
		...1		TVTCDJOB	"X'10" CIDEMAND=JOB " @WA35670

IATYTVT Map

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

Dec	Hex	Type/Value	Len	Name (Dim)	Description
		1...		TVTFSSAD	"X'80" EXECUTING IN FSS ADDRESS SPACE
		.1..		TVTCIFSS	"X'40" CI FSS ADDRESS SPACE
3028	(BD4)	SIGNED	4	TVTFSSID (0)	FSS ID
3028	(BD4)	SIGNED	2	TVTFSSID	FSS PORTION OF FSS ID
3030	(BD6)	SIGNED	2	TVTFSAID	FSA PORTION OF FSS ID
3032	(BD8)	BITSTRING	1	TVTFNFLG	FSS FLAG
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

End of Comment

Comment

TVTPTECF MASK IS USED AGAINST TWO FLAG BYTES:
MSGCECF AND TVTPATH

TVTPTECF EQU X'10' SEE BELOW FOR DEFINITION

Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... 1...		GECFJOB	"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

End of Comment

Comment

TVTPTECF MASK IS USED AGAINST TWO FLAG BYTES:
MSGCECF AND TVTPATH

Dec	Hex	Type/Value	Len	Name (Dim)	Description
		...1		TVTPTECF	"X'10" VARY PATH POSTED
3040	(BE0)	SIGNED	4	DECF (0)	JSAM ECF
		1...		DECFO	"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...		DECFC	"X'08" POST BIT - SECONDARY POST

End of Comment

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
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					
3041	(BE1)	.... ..1 BITSTRING	1	DECFBTR TVTCIECF	"X'01" POST BIT - BADTRACK UPDATE IATINAT ECF OF C/I SUBTASK
Comment					

DEFINITION OF TVTCIECF (SERIALIZED VIA OIL MACRO)					

End of Comment					
		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	TVTVERECF	"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.		LVRSPST	"X'02" IATLVVR RESTART POST
		.... ...1		LVRAPST	"X'01" IATLVVR STAGING AREA POST
3044	(BE4)	BITSTRING	1	TVTICKL	IATUTIC SUBROUTINE LOCK
3045	(BE5)	BITSTRING	2	TVTRD345	RESERVED FOR DEVELOPMENT 9
3047	(BE7)	BITSTRING	1	LVTCECF	CONSOLE SPOOL I/O ECF
		1...		TVTJMSSI	"X'80" JESMSG LG SSI processing

IATYTVT Map

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

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 TVTGSK1
 COMPARE AND SWAP MUST BE USED TO SERIALIZE ACCESS TO
 THESE FLAGS

End of Comment

3056	(BF0)	BITSTRING	1	TVTGSK1	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 REQUEST
		.... 1...		TVTGSSAT	"X'08" STOP AUXTASK FOR MODIFY,MT
		.... .1..		TVTGSSWM	"X'04" Switch IATXSUSP mask

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

DEFINITION OF TVTSTUSR					

End of Comment					
3057	(BF1)	BITSTRING 1... .... .1.. .... .... ..1	1	TVTSTUSR TVTSSNUC TVTSSAUX TVTSSDST	ABEND SER. RTN. USER FLAGS "X'80" IATNUC TASK GET/REL RESOURCE "X'40" IATAUX TASK GET/REL RESOURCE "X'01" DSP MODIFIER FOR USE OF RESOURCE. "(TVTSSNUC+TVTSSDST)"
3057	(BF1)	X'81'	0	TVTSSDSP	"(TVTSSNUC+TVTSSDST)"
3058	(BF2)	BITSTRING	1	TVTSTLOC	ABEND SER. RTN. LOCK BYTE
Comment					

DEFINITION OF TVTDJFLG FLAG BYTE					

End of Comment					
3059	(BF3)	BITSTRING 1...	1	TVTDJFLG TVTDJRST	DJ FLAG BYTE "X'80" FLAG RESET IN PROCESS
3060	(BF4)	BITSTRING	1	TVTGRFLG	GENERAL ROUTINES FLAGS
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					
3061	(BF5)	BITSTRING ...1 1..	1	TVTJTGBL TVTJTOFF TVTFLAG2	"X'10" JOBTRACK=JGLOBAL 18455TAA "X'08" JOBTRACK=OFF 18455TAA 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

IATYTVT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... ..1		TVTRF201	"X'01" RESERVED FLAG
3062	(BF6)	BITSTRING	1	TVTRS360 (6)	RESERVED FOR SERVICE
3068	(BFC)	BITSTRING	1	TVTCDECF	CI DRIVER ECF

Comment

DEFINITION OF TVTCDECF

End of Comment

1... ..	TVTCNSAP	"X'80" CONSOLE APPENDAGE POST
.1.. ..	TVTFSSCM	"X'40" FSS COMMUNICATION POST (STAR)
..1.	TVTFSSSTA	"X'20" FSS STATUS CHANGE POST
...1	TVTSCPSC	"X'10" SCHEDULE POSTSCAN POST
.... 1...	TVTPRCEN	"X'08" PROCLIB ENABLE POST
.... .1..	TVTPRCDS	"X'04" PROCLIB DISABLE POST

Comment

COUNTER FOR NUMBER OF OUT-MODE DJ DSP ACTIVE IN THE SYSTEM

End of Comment

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	AIOFDPY	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

Offsets

Dec	Hex	Type/Value	Len	Name (Dim)	Description
3188	(C74)	BITSTRING	4	TVTHWMSK	CONSTANT FOR HALFWORD MASK
3192	(C78)	SIGNED	4	TVTADMSK (0)	CONSTANT FOR ADDRESS MASK
3196	(C7C)	CHARACTER	16	TVTHXCHR	HEXADECIMAL CHARACTERS
3212	(C8C)	BITSTRING	12	TVTZEROX	CONSTANT ZEROS (3 FULL WORD)
3212	(C8C)	X'C8C'	0	TVTZERO	"TVTZEROX,8" CONSTANT ZEROS
3224	(C98)	SIGNED	4	TVTONE	CONSTANT FULL WORD = 1
3224	(C98)	X'C9A'	0	TVTONEH	"TVTONE+2,2" Constant halfword = 1
3228	(C9C)	CHARACTER	8	TVTBLANK	CONSTANT BLANKS
3236	(CA4)	BITSTRING	8	TVTRMFF	CONSTANT 'FF'S
3236	(CA4)	X'CA8'	0	TVTRM7F	"TVTRMFF+4" CONSTANT '7F'S
3236	(CA4)	X'2'	0	TVTBTJST	"2" CSBT THRESHOLD FOR JST
3236	(CA4)	X'A'	0	TVTBTJDS	"10" CSBT THRESHOLD FOR JDS
3236	(CA4)	X'2'	0	TVTTJDSA	"2" CSBT THRESHOLD FOR APPC JDS
3244	(CAC)	ADDRESS	4	TVTCSCP	CHAINED SRF CELL POOL PTR
3248	(CB0)	ADDRESS	4	TVTALETA	"V(TVTALET)" ADDRESS OF A 64 BYTE FIELD THAT IS USED TO INITIALIZE ALL OF THE ACCESS REGISTERS WITH THE ACCESS LIST ENTRY (ALET) OF THE PRIMARY ADDRESS SPACE
3248	(CB0)	X'CB0'	0	TVTCLREG	"TVTALETA,4" Alias for TVTALETA
3252	(CB4)	ADDRESS	4	TVTRJPCP	RJP Cell Pool Pointer
3256	(CB8)	SIGNED	4	TVTJDDLML	IATINSTD Job SYSIN DD statement lmt
3260	(CBC)	SIGNED	4	TVTRU390 (4)	RESERVED FOR USER

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 Developemnt
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

IATYTVT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... 1...		TVTRFN08	"X'08" RESERVED FLAG 0133
		.... .1..		TVTRFN04	"X'04" RESERVED FLAG 0133
		.... .1.		TVTRFN02	"X'02" RESERVED FLAG 0133
		.... ...1		TVTRFN01	"X'01" RESERVED FLAG 0133

Comment

 DEFINITION OF JCL LIMIT VALUES BY SYSTEM AND JOB

End of Comment					
3317	(CF5)	BITSTRING	1	TVTJLFLG	IATIISB JCL STATEMENT FLAG
		1...		TVTQBIT	"X'80" JCL STATEMENT QUIESCE BIT
		.1...		TVTDDINB	"X'40" SYSIN DD stmt limit set
3318	(CF6)	SIGNED	2	TVTRU410	RESERVED FOR USER
3320	(CF8)	SIGNED	4	TVTADSLM	INCH,MODX ADDRESS SPACE JCL LIMIT
3324	(CFC)	SIGNED	4	TVTSYCNT	IISB,IIDR JCL STATEMENT ADDR SPACE COUNT
3328	(D00)	SIGNED	4	TVTJOBML	INCH,MODX JOB JCL STATEMENT LIMIT

Comment

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

End of Comment					
3332	(D04)	ADDRESS	1	TVTFMSL	LENGTH OF FSS MESSAGE
3332	(D04)	X'D05'	0	TVTFMSSS	*** 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	TVTFMSSE	*** END OF FSS MESSAGE
3333	(D05)	CHARACTER	23	TVTFMSG	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					
3428	(D64)	ADDRESS	4	TVTRU430 (10)	RESERVED FOR USER
3468	(D8C)	SIGNED	2	TVTRD425	RESERVED FOR DEVELOPMENT

Comment

 DEFINITION OF TVTBFLG1

End of Comment					
3470	(D8E)	BITSTRING	1	TVTBFLG1	SNA NJE FLAG 1
		1...		TVTBNFG	"X'80" BDT NOW FUNCTIONING GOOD (BDT UP AND OPERATIONAL)
3471	(D8F)	BITSTRING	1	TVTRD430	RESERVED FOR DEVELOPMENT
3472	(D90)	ADDRESS	4	TVTBDUMY	BDT DUMMY CONSOLE ENTRY ADDR
3476	(D94)	ADDRESS	4	TVTBSCT	BDT SUBSYSTEM COMM TABLES
3480	(D98)	ADDRESS	4	TVTBREC	"V(RECDSP)" IATOSBM OUTPUT SERVICE/SNA NJE RECOVERY DSP

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
3484	(D9C)	CHARACTER	8	TVTSYSID	BDT DEFAULT SYSID	
Comment						
----- DEFINITION OF TVTBECF -----						
End of Comment						
3492	(DA4)	BITSTRING	1	TVTBECF	BDT SUBSYSTEM ECF	
		1111		TVTBMSK	"X'F0" ECF MASK FOR AWAIT	
		1...		TVTBCMD	"X'80" BDT COMMAND BUFFERED	
		.1..		TVTBCMDQ	"X'40" BDT COMMAND QUEUED	
		..1.		TVTBRSV1	"X'20" Reserved flag	
		...1		TVTBJCRQ	"X'10" JES3 COMMAND RESPONSE QUEUED	
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..		TVTBMSK	"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	

IATYTVT Map

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

RESOURCE EQUATES					

JES3 Resource Table					
\$RW=WLMBATCH HJS6608 980813 PD0DR: OS2.8.0					

RESOURCE NAMES					

NOTE: RESOURCE NAMES INDEXED BY PRIORITY, MUST BE SPECIFIED SEQUENTIALLY TO INSURE CORRECT OPERATION OF THE AENQ, ADEQ, ATEST ROUTINES.					

, IATYRSC NAMES=(RQ,					
, DLQ,					
, JNCBCTL,					
, SYSUNIT,					
, CHPNT,					
, WTD,					
, 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	CHPNT	"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"

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

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	IATYVTX	IATYVTX.27: Fixed TVT extension

Comment

JES3 MODULE ENTRY POINT IDENTIFIER

01 Change Activity:

\$SV=TCPNJEB HJS7730 050629 PDORF: z 1.8.0

End of Comment					
0	(0)	CHARACTER	8	TVTFID	MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM 0108
36	(24)	CHARACTER	20	TVTF_EYE_CATCHER	
56	(38)	SIGNED	4	TVTFVERS	0108 0108
60	(3C)	ADDRESS	4	TVTTVTF	IATYVTX.242: Current version of the control block
64	(40)	ADDRESS	4	TVTFCTVT	IATYVTX.248: Pointer to the primary extension of the TVT
68	(44)	SIGNED	4	TVTFLEN	IATYVTX.254: Pointer to the checkpointable extension of the TVT
72	(48)	CHARACTER	94	DUMYCND	IATYVTX.260: Dynamic length of the TVT fixed extension
166	(A6)	SIGNED	2		IATYVTX.269: The CNDB for the DUMMY console
168	(A8)	ADDRESS	4	TVTXM702	IATYVTX.97: Reserved for Developement
172	(AC)	ADDRESS	4	TVTXM703	IATYVTX.275: Address of MVS WPL to WPX conversion routine (IEAVM702) - set by IATINIT
					IATYVTX.281: Address of multi-line WTO text extraction routine (IEAVM703) - set by IATINIT

IATYTVT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
176	(B0)	ADDRESS	4	TVTXSST	IATYTVTX.287: Security Subtask communication table, address is resolved by IATGRSS
180	(B4)	SIGNED	4	TVTXSSEV	IATYTVTX.293: Security Subtask initialization complete ECB
184	(B8)	ADDRESS	4	TVTXSSTB	IATYTVTX.299: Security Subtask TCB address
188	(BC)	ADDRESS	4	TVTXGSG	"V(GSGSTART)" IATYTVTX.305: Address of Generalized Subtask Global Data Area (GSG) - within module IATGRGS
192	(C0)	SIGNED	4	TVTXJXGT	IATYTVTX.19: JESXCF Group Token
196	(C4)	SIGNED	4	TVTXITRC	Pointer to the Internal Trace Table 0027 header 0027

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	
204	(CC)	ADDRESS	4	AHED_ANCHOR	IATYAHED.93: CDS Sequence number
208	(D0)	ADDRESS	4	AHED_TOTAL	IATYAHED.99: Pointer to head of stack
212	(D4)	ADDRESS	4	AHED_FREE	IATYAHED.108: The total number of buffers allocated
216	(D8)	ADDRESS	4	TVTXCS03	IATYAHED.114: Number of free buffers
220	(DC)	ADDRESS	4	TVTXCS06	"V(IATCS03)" Pointer to the callable service that returns the type of console
224	(E0)	ADDRESS	4	TVTXCS07	"V(IATCS06)" Pointer to the callable service that converts destination class to route code mask
228	(E4)	ADDRESS	4	TVTXCS08	"V(IATCS07)" Pointer to the callable service that converts route code to route code mask
232	(E8)	ADDRESS	4	TVTXCS09	"V(IATCS08)" Pointer to the callable service that converts destination class to a route value
236	(EC)	ADDRESS	4	TVTXCS10	"V(IATCS09)" Pointer to the callable service that converts destination class (Mask displacement) to a route code mask
240	(F0)	ADDRESS	4	TVTXCS11	"V(IATCS10)" Pointer to the callable service that converts route code mask to a route code string
244	(F4)	ADDRESS	4	TVTXCS12	"V(IATCS11)" Pointer to the callable service that converts route code mask to a destination class string
					"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 a 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

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

Address of the IATXWCLF service routine in IATWLCLF.					

End of Comment					
256	(100)	ADDRESS	4	TVTXWCLF	"V(WLMCLSFY)"
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)"

IATYTVT Map

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

Address of the WLM Job Select routine in IATMSWLC.					

End of Comment					
280	(118)	ADDRESS	4	TVTXWSEL	"V(WLMSLECT)"
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)"

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

Address of Class Limit delay update routine in IATMSCC.					

End of Comment					
304	(130)	ADDRESS	4	TVTX_CLSDLYUP	"V(MSCCDLYU)"
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_LCLCMLSK	"V(LCLCMLSK)"
Comment					

ATR chain address					

End of Comment					
320	(140)	ADDRESS	4	TVTXATR	ATR chain address
320	(140)	X'1'	0	TVTF313	"1" IATYTVT.X.143: Equate for HJS3313
320	(140)	X'2'	0	TVTF511	"2" IATYTVT.X.152: Equate for HJS5511
324	(144)	ADDRESS	4	TVTX_MPUNITS (0)	Copies of MPUNITS
452	(1C4)	ADDRESS	4	TVTX_MPSETTRE (0)	Copies of MPSETTRE

IATYTVT Map

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

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

End of Comment					
580	(244)	ADDRESS	4	TVTXGCTB	"V(TBEJPCST)"
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)"

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

Address of wildcard check service routine. Only used on global.					

End of Comment					
604	(25C)	ADDRESS	4	TVTXGWCK	"V(WILDCHEK)"
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)"

IATYTVT Map

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

Address of IATGR83D Reader Information processing routine. Only used on the global.					

End of Comment					
628	(274)	ADDRESS	4	TVTX83D	"V(GR83D)"
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)"

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

IATYTVT Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
IATYCNDB_1::					
START OF SPECIFICATIONS					
01		PROPRIETARY STATEMENT=			
		PROPRIETARY_STATEMENT			
		LICENSED MATERIALS - PROPERTY OF IBM			
		5647-A01 COPYRIGHT IBM CORP. 1989, 2010			
		STATUS= HJS7770			
		END_OF_PROPRIETARY_STATEMENT			
		This data area is maintained as a CASE mapping macro.			
		Changes should be made to the CASE source and then			
		the PLX and Assembler should be regenerated.			
		Do NOT make changes to the PLX or Assembler directly!			
01		Descriptive Name: Console Destination Block			
		Acronym: CNDB			
01		Macro Name: IATYCNDB			
01		DSECT Name: IATYCNDB			
		--based variable for storage mapping			
01		Component: JES3 (SC1BA)			
01		Function:			
02		The console destination block is a control block that			
		contains information related to the destination that			
		messages should be sent to. This control block is built			
		as commands are entered into to the system and is used by			
		command processors as a destination for where to return			
		messages to. The control block is imbeded in other			
		control blocks and the size of the data area must not			
		change (otherwise a JES3 cold start is required). The			
		data is referenced by non-source maintained modules, so			
		offsets into the data area must not change.			
01		Eye-Catcher: CNDBEYE			
02		Offset: 4			
02		Length: 4			
01		Language: PL/X			
01		Storage Attributes:			
02		Allocation Method: Imbeded within other control blocks			
02		Main Storage: 94			
02		Virtual Storage: 94			
02		Auxiliary Storage: 94			
02		Subpool: n/a			
02		Key: 1			
02		Data Space: N/A			
02		Residency: any			
02		Frequency: n/a			
02		Size: 94			
02		Created by: n/a			
02		Deleted by: n/a			
02		Pointed to by: Imbeded within other control blocks			
02		Serialization: none			
01		EXTERNAL CLASSIFICATION: DMTI			
01		END OF EXTERNAL CLASSIFICATION:			
01		Method Of access:			
02		ASM: IATYCNDB			
02		PLX: %INCLUDE SYSLIB(IATYCNDB)			
01		CHANGE ACTIVITY:			
		\$QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support			
		\$RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init			
		\$T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0			
		CASE/390 - VERSION 49			
		END OF SPECIFICATIONS			
		%			
End of Comment					

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
80	(50)	SIGNED	4	TVTCNJEM (0)	IATYCNDDB.27: based variable for storage mapping
80	(50)	SIGNED	4		Four byte console id 0176
84	(54)	CHARACTER	4		IATYCNDDB eyecatcher
88	(58)	ADDRESS	4		IATYCNDDB version
92	(5C)	BITSTRING	8		Reserved for development
100	(64)	BITSTRING	8		Console Name 0176
108	(6C)	BITSTRING	24		Reserved for development
132	(84)	SIGNED	2		Reserved for development
134	(86)	BITSTRING	40		Reserved for development class

Comment

```

IATYCNDDB_1;;
START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  5647-A01 COPYRIGHT IBM CORP. 1989, 2010
  STATUS= HJS7770
  END_OF_PROPRIETARY_STATEMENT
  This data area is maintained as a CASE mapping macro.
  Changes should be made to the CASE source and then
  the PLX and Assembler should be regenerated.
  Do NOT make changes to the PLX or Assembler directly!
01 Descriptive Name: Console Destination Block
  Acronym: CNDB
01 Macro Name: IATYCNDDB
01 DSECT Name: IATYCNDDB
  --based variable for storage mapping
01 Component: JES3 (SC1BA)
01 Function:
02 The console destination block is a control block that
  contains information related to the destination that
  messages should be sent to. This control block is built
  as commands are entered into to the system and is used by
  command processors as a destination for where to return
  messages to. The control block is imbedded in other
  control blocks and the size of the data area must not
  change (otherwise a JES3 cold start is required). The
  data is referenced by non-source maintained modules, so
  offsets into the data area must not change.
01 Eye-Catcher: CNDBEYE
02 Offset: 4
02 Length: 4
01 Language: PL/X
01 Storage Attributes:
02 Allocation Method: Imbedded within other control blocks
02 Main Storage: 94
02 Virtual Storage: 94

```

IATYTVT Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
02 Auxiliary Storage: 94					
02 Subpool: n/a					
02 Key: 1					
02 Data Space: N/A					
02 Residency: any					
02 Frequency: n/a					
02 Size: 94					
02 Created by: n/a					
02 Deleted by: n/a					
02 Pointed to by: Imbedded within other control blocks					
02 Serialization: none					
01 EXTERNAL CLASSIFICATION: DMTI					
01 END OF EXTERNAL CLASSIFICATION:					
01 Method Of access:					
02 ASM: IATYCNDDB					
02 PLX: %INCLUDE SYSLIB(IATYCNDDB)					
01 CHANGE ACTIVITY:					
\$QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support					
\$RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init					
\$T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0					
CASE/390 - VERSION 49					
END OF SPECIFICATIONS					
%					
End of Comment					
176	(B0)	SIGNED	4	TVTCBDM (0)	IATYCNDDB.27: based variable for storage mapping
176	(B0)	SIGNED	4		Four byte console id 0176
180	(B4)	CHARACTER	4		IATYCNDDB eyecatcher
184	(B8)	ADDRESS	4		IATYCNDDB version
188	(BC)	BITSTRING	8		Reserved for development
196	(C4)	BITSTRING	8		Console Name 0176
204	(CC)	BITSTRING	24		Reserved for development
228	(E4)	SIGNED	2		Reserved for development
230	(E6)	BITSTRING	40		Reserved for development class
270	(10E)	CHARACTER	256	TVTCRD01	IATYTVTC.158: Reserved for Develop.
526	(20E)	CHARACTER	256	TVTCRD02	IATYTVTC.189: Reserved for Develop.
782	(30E)	CHARACTER	256	TVTCRD03	IATYTVTC.212: Reserved for Develop.
1038	(40E)	CHARACTER	256	TVTCRD04	IATYTVTC.147: Reserved for Develop.
1294	(50E)	CHARACTER	256	TVTCRS01	IATYTVTC.167: Reserved for Service.
1550	(60E)	CHARACTER	256	TVTCRS02	IATYTVTC.1: Reserved for Service.
1806	(70E)	CHARACTER	256	TVTCRS03	IATYTVTC.215: Reserved for Service.
2062	(80E)	CHARACTER	256	TVTCRS04	IATYTVTC.173: Reserved for Service.
2062	(80E)	X'1'	0	TVTC313	"1" IATYTVTC.203: Equate for HJS3313
2318	(90E)	X'90E'	0	IATYTVTC_LEN	"*-IATYTVTC"

IATYTVT Cross Reference

Name

AASPMAP
 ABACKR
 ABENDAPG
 ABENDDCB
 ABLOCK

 ACCTDFLT
 ACLOSE
 ACONCONS
 ACONRS10
 ACONRS20

 ACONSBCB
 ACONSRMT
 ACONTIME
 ACTLTRAP
 ADEBLOCK

Name

ADELETE
ADEQ
ADLTABLE
AENQ
AFDADD

AFDDELET
AFDFIND
AFGABNUM
AFGDL PST
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
AIOBFECF
AIOBFUSE

AIOBMIN
AIOFDLST
AIOFDNEW
AIOFDPRY
AIOFDTOP

AIOFLAG1
AIOFLAG2
AIOGETBF
AIOJQMSG
AIOMCMMSG

AIOMNBUF
AIOMSOUT
AIONBUFS
AIONOAWT
AIONOBFM

AIONOBFN
AIONOSPC
AIOPTJSM
AIORDWRT
AIORESPG

AIOSENGIO
ALOAD
ALOCATE
ANALYZE
ANJECHKS

IATYTVT Cross Reference

Name

ANJECNSQ
ANJESRCH
ANJETBL
ANOTE
AOPEN

AOPEND
APOINT
APURGE
APUTBUF
APUTMAIN

ARELEASE
ARETNAD
ARNAMES
ASAVE
ASPABND0

ASPECB
ASPTCB
ASYSIOSP
ATEST
ATIME

ATRACK
AUXPTERM
AWAIT
AWAITEP
AWAITL

AWAITOFF
AWAITOFL
AWRITE
BUFSZ
CHENDAPG

CHKPNT
CKPTAREA
COLDSTRT
CONCNJS
CONCNVRT

CONREVRT
CONSAUTH
CONSUBPL
CPU IPL
DCTRAPS

DECF
DECFBTR
DECFDR
DECFER
DECPIO

DECFSEC
DECFTX
DEQMSG
DEVSCAN
DJCACTIV

DJCKFDB
DJCFREE
DJCPOST
DLOCOFF
DLOCON

DLQ
DMTAREQ
DMTARPLY
DMTKSTTR
DNMCONVI

Name

DNMDISBL
DNMENABL
DNMISDRV
DNMMAIN
DNMOUTPT

DNMPSTSC
DNMPURGE
DRDCB
DSIACTV
DSIFCT

DSPCONVI
DSPDIC
DSPDISBL
DSPDMJA
DSPENABL

DSPFSSCT
DSPIG
DSPISDRV
DSPMAIN
DSPNJESF

DSPNJESN
DSPOUTPT
DSPPSTSC
DSPRSCNT
DSPURGE

DSQLOC
DSQLOCEP
DUMYCNCDB
DYNALOC
DYNALRTY

DYNCDD
DYNDYNP
DYNECF
DYNINIT
DYNRALOC

DYNSAMSK
DYNUNAL
EFTOP
FAILDSP
FCT

FCTACTIV
FCTLAST
FCTTOP
FINDJNUM
FIRSTDEB

FSSCKPT
GECFJOBN
GECFMCON
GECFMTRK
GECFSTAD

GETUNIT
GMSCKPT
GMSFDB
HOMENODE
HOTSTRT

IATGRVT
IATXAMDV
IATXCNS
IATXCPYF
IATXCSS

IATYTVT Cross Reference

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
INTERCOM
IOERROR

IOENORML
IOERRECF
IOERRFCT
IOETIMED
IPLMASK

JCTRKFDB
JDSADD
JDSBENRY
JDSGET
JDSHOLD

JDSPPOINT
JDSPUT
JDSREL
JESCKPNT
JESCLOSE

JESEXCP
JESKEY
JESMODLK
JESMSG
JESMSGRT

Name

JESOPEN
JESPOOL
JESREAD
JESSNAP
JESTAE

JNADD
JNCBCTL
JNCBHLD
JNCBPOST
JNCBREL

JNCBTOP
JNDEL
JNGET
JNUMR
JOBCLS

JOBFAIL
JOBGRP
JOBNALOC
JOBNRTN
JOBNSSET

JOBPRTY
JOBSQSIZ
JQEPTY0
JQEPTY1
JQEPTY10

JQEPTY11
JQEPTY12
JQEPTY13
JQEPTY14
JQEPTY15

JQEPTY2
JQEPTY3
JQEPTY4
JQEPTY5
JQEPTY6

JQEPTY7
JQEPTY8
JQEPTY9
JSERV
JSSACTIV

JSSCHKPT
JSSDADR
JSSDUCHG
JSSEFADD
JSSFCT

JSSFLG1
JSSFLG2
JSSFSTIM
JSSGPOST
JSSMCGAV

JSSOSWEF
JSSPRELH
JSSPROCN
JSSRETRN
JSSRQTMR

JSSSTART
JSSSTPOST
JSSWORKQ
LCLJNEWS
LOGIN

IATYTVT Cross Reference

Name

LOGOUT
LVRATPST
LVRASPST
LVRRSV10
LVRRSV20

LVRRSV40
LVRRSV80
LVRASPST
MAINACT
MAINDATA

MCLASS
MDSPARM
MESSAGE
MGROUP
MLBCB

MNTRKFDB
MOVEDATA
MSGCECF
MSSACT
MSSDEPTH

MSSJOB
NCBTAADD
NCBTAFND
NCBTAGET
NCBTAPUT

NCBTAREL
NCKADD
NCKDEL
NCKLOCK
NCKLOCKD

NJPNAME
OSEFLAGS
OSEOUTPT
OSERQWS
OSETIMER

OSEWTRS
OSEWTRSL
OSGRJGET
OSGRJPUT
OSGRJREL

OSSRQTOP
OSSWAIT
OSWSQUE
PAFCTBTM
PAFCTTOP

POSTSRS
PRO
PRTAB
PUNTAB
PURCHAIN

PUTUNIT
RCLOSE
RESTABLE
RJPASYNQ
RJPCPOST

RJPCTIME
RJPECB
RJPECF
RJPECFAB
RJPECFCE

Name

RJPECFCN
RJPECFL
RJPECFOP
RJPECFST
RJPECFTM

RJPIO
RJPJNEWS
RJPLDCTQ
RJPRTERM
RJPSNAP

RJPSNPFL
RJPTAB
ROPEN
RQ
RQBTM

RQDTOP
RQTAADD
RQTADEL
RQTAPUT
RQTOP

RQWTRTOP
RSCFCT
RSCNOFCT
RSCNOWAT
RSCTFCT

RSCTTEST
RSCTWAIT
RSCWAIT
SCTAB
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
SPINOFF

SPINPOST
SPORQTOP
SRJPACT
SRJPACTM
SRJPBCB

IATYTVT Cross Reference

Name

SRJPCSFL
SRJPECF
SRJPFLG
SRJPISEC
SRJPNDRA

SRJPPOP
SRJPRCB
SRJPRJS
SRJPRSET
SRJPRSRB

SRJPRSVS
SRJPRTRM
SRJPSCTR
SRJPSNDA
SRJPSNDC

SRJPSNDD
SRJPSNDE
SRJPSNDF
SRJPSNDG
SRJPSNDM

SRJPSNDN
SRJPSNDO
SRJPSNDP
SRJPSNDR
SRJPSNDS

SRJPSNDT
SRJPSNDU
SRJPSNDV
SRJPSNFI
SRJPSNFO

SRJPSNFS
SRJPSNJP
SRJPSNLK
SRJPSNLM
SRJPSNPI

SRJPSNPO
SRJPSNSG
SRJPSNST
SRJPSQAN
SRJPSRT

SRJPSTQ
SRJPWKQ
STEPCHK
SUPUNITS
SYSTAB

SYSUNIT
SYSUNITS
TATFLAGS
TATGMSSP
TATMINQ

TATMRGQ
TATUPDWR
TCKFDB
TDBGCLSS
TESTSRS

TIDSNT
TIHWST
TIPARMS
TODMSG
TPROCCHN

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

IATYTVT Cross Reference

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
TVTCNSR
TVTCPUID
TVTCRD01
TVTCRD02

TVTCRD03
TVTCRD04
TVTCRS01
TVTCRS02
TVTCRS03

TVTCRS04
TVTCBTR
TVTCBTU
TVTCSCP
TVTCSEF

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

TVTDSPO0
TVTDS SCH
TVTDYCLU
TVTDYNL
TVTDYSCR

TVTEASID
TVTENCTL
TVTEND
TVTENFRW
TVTENST

IATYTVT Cross Reference

Name

TVTENWRK
TVTEPCST
TVTEPE
TVTEPS
TVTEPST

TVTERRQ
TVTERRWK
TVTESTE6
TVTESTFL
TVTESTSZ

TVTEST00
TVTEUDTA
TVTEXREL
TVTF_EYE_CATCHER

TVTFCTVT
TVTFDCTA
TVTFDMAX
TVTFDUSE
TVTFETCH

TVTFID
TVTFFLAG1
TVTFFLAG2
TVTFLEN
TVTFREND

TVTFSAID
TVTFSAK
TVTFSCIU
TVTFSECB
TVTFSEPL

TVTFSEPN
TVTFSEPS
TVTFSFCT
TVTFSG1
TVTFSG2

TVTFSLG
TVTFSID
TVTFSL
TVTFSLG
TVTFSLGA

TVTFSLG
TVTFSLG
TVTFSLGA
TVTFSLG
TVTFSLG
TVTFSLGA

TVTFSLG
TVTFSLG
TVTFSLGA
TVTFSLG
TVTFSLG
TVTFSLGA

TVTFSLG
TVTFSLG
TVTFSLGA
TVTFSLG
TVTFSLG
TVTFSLGA

TVTFSLG
TVTFSLG
TVTFSLGA
TVTFSLG
TVTFSLG
TVTFSLGA

Name

TVTFSSNM
TVTFSSRS
TVTFSSST
TVTFSSSTA
TVTFSUFD

TVTFSWA
TVTFSWRK
TVTFTVT
TVTFVERS
TVTF313

TVTF511
TVTGETE6
TVTGET00
TVTGLOBL
TVTGMSFL

TVTGMSF
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
VTIOPRM
VTIQECA
VTIQECM

IATYTVT Cross Reference

Name

TVTIRA
TVTISFLG
TVTISF01
TVTISF02
TVTISF04

TVTISF08
TVTISF10
TVTISJ
TVTITKPM
TVTJADAD

TVTJBDTH
TVTJBEXP
TVTJBLIM
TVTJBMSG
TVTJBNSE

TVTJBOUT
TVTJBTS
TVTJBTXP
TVTJBUSE
TVTJDDL

TVTJDENO
TVTJDEQ
TVTJESMS
TVTJETCR
TVTJLFLG

TVTJMF
TVTJMJB
TVTJMJD
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
TVTLPRP
TVTLNGTH

TVTLLOCAL
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

IATYTVT Cross Reference

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

IATYTVT Cross Reference

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
TVTSPPLST

TVTSPMSG
TVTSPPCH
TVTSPCK
TVTSPFL
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

IATYTVT Cross Reference

Name

TVTVS2F1
TVTWAITS
TVTWDITV
TVTWDLIM
TVTWORKD

TVTWORKS
TVTWROSE
TVTWTDEC
TVTWTDPS
TVTWTD01

TVTWTD02
TVTWTD04
TVTWTD08
TVTWTD10
TVTWTD20

TVTWFCT
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
TVXSQE
TVXSSCR

TVXSSEV
TVXSST
TVXSSTB
TVXSSTM
TVXTOD

TVXTODF
TVXTRCD
TVXWCLF
TVXWDSL
TVXWLM

TVXWSEL
TVXWSRV
TVX83C
TVX83D
TVX83N

TVX83P
TVX83R
TVTYOSD
TVTYSYSL
TVTZERO

TVTZEROX
TVT3100D
TVT8500D
UAVLFLG
VATAFCT

VGETFCT
VGETRSQ
WARMSTRT
WRTCHAIN
WTD

WTDQUE
XCFDEFGP
XCFGRPNM
ZEROCORE

IATYTVTC Information

IATYTVTC Heading Information

Common Name: Checkpointed extension of the TVT
Macro ID: IATYTVTC
DSECT Name: IATYTVTC --TVT Checkpointed extension
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: TVTCEYE
 Offset: 36
 Length: 28
 Language: PL/X
Storage Attributes: Main Storage: 2318
 Virtual Storage: 2318
 Auxiliary Storage: 2318
 Subpool: 251
 Key: 1
 Data Space: N/A
 Residency: any Frequency: one per system
Size: 2318
Created by: IATGRVTC
Pointed to by: IATYTVT (Field TVTCTVT)
Serialization: none
Function: The TVT checkpointed extension is an extension of the TVT that can be accessed from non-source maintained modules. 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. The data in this extension is checkpointed across a restart.

IATYTVTC Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	IATYTVTC	IATYTVTC.176: TVT Checkpointed extension
Comment					
JES3 MODULE ENTRY POINT IDENTIFIER					
01 Change Activity:					
\$SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0					
End of Comment					
0	(0)	CHARACTER	8	TVTCID	MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM 0108
36	(24)	CHARACTER	28	TVTCEYE	0108 0108
64	(40)	SIGNED	4	TVTCVERS	IATYTVTC.27: Current version of the control block
68	(44)	ADDRESS	4	TVTTVTC	IATYTVTC.37: Pointer to the primary extension of the TVT
72	(48)	ADDRESS	4	TVTCFTVT	IATYTVTC.34: Pointer to the fixed extension of the TVT
76	(4C)	SIGNED	4	TVTCLEN	IATYTVTC.131: Dynamic length of the TVT fixed extension

IATYTVTC Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
IATYCNDB_1::					
START OF SPECIFICATIONS					
01		PROPRIETARY STATEMENT=			
		PROPRIETARY_STATEMENT			
		LICENSED MATERIALS - PROPERTY OF IBM			
		5647-A01 COPYRIGHT IBM CORP. 1989, 2010			
		STATUS= HJS7770			
		END_OF_PROPRIETARY_STATEMENT			
		This data area is maintained as a CASE mapping macro.			
		Changes should be made to the CASE source and then			
		the PLX and Assembler should be regenerated.			
		Do NOT make changes to the PLX or Assembler directly!			
01		Descriptive Name: Console Destination Block			
		Acronym: CNDB			
01		Macro Name: IATYCNDB			
01		DSECT Name: IATYCNDB			
		--based variable for storage mapping			
01		Component: JES3 (SC1BA)			
01		Function:			
02		The console destination block is a control block that			
		contains information related to the destination that			
		messages should be sent to. This control block is built			
		as commands are entered into to the system and is used by			
		command processors as a destination for where to return			
		messages to. The control block is imbeded in other			
		control blocks and the size of the data area must not			
		change (otherwise a JES3 cold start is required). The			
		data is referenced by non-source maintained modules, so			
		offsets into the data area must not change.			
01		Eye-Catcher: CNDBEYE			
02		Offset: 4			
02		Length: 4			
01		Language: PL/X			
01		Storage Attributes:			
02		Allocation Method: Imbeded within other control blocks			
02		Main Storage: 94			
02		Virtual Storage: 94			
02		Auxiliary Storage: 94			
02		Subpool: n/a			
02		Key: 1			
02		Data Space: N/A			
02		Residency: any			
02		Frequency: n/a			
02		Size: 94			
02		Created by: n/a			
02		Deleted by: n/a			
02		Pointed to by: Imbeded within other control blocks			
02		Serialization: none			
01		EXTERNAL CLASSIFICATION: DMTI			
01		END OF EXTERNAL CLASSIFICATION:			
01		Method Of access:			
02		ASM: IATYCNDB			
02		PLX: %INCLUDE SYSLIB(IATYCNDB)			
01		CHANGE ACTIVITY:			
		\$QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support			
		\$RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init			
		\$T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0			
		CASE/390 - VERSION 49			
		END OF SPECIFICATIONS			
		%			
End of Comment					

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
80	(50)	SIGNED	4	TVTCNJEM (0)	IATYCNDDB.27: based variable for storage mapping
80	(50)	SIGNED	4		Four byte console id 0176
84	(54)	CHARACTER	4		IATYCNDDB eyecatcher
88	(58)	ADDRESS	4		IATYCNDDB version
92	(5C)	BITSTRING	8		Reserved for development
100	(64)	BITSTRING	8		Console Name 0176
108	(6C)	BITSTRING	24		Reserved for development
132	(84)	SIGNED	2		Reserved for development
134	(86)	BITSTRING	40		Reserved for development class

Comment

```

IATYCNDDB_1;;
START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  5647-A01 COPYRIGHT IBM CORP. 1989, 2010
  STATUS= HJS7770
  END_OF_PROPRIETARY_STATEMENT
  This data area is maintained as a CASE mapping macro.
  Changes should be made to the CASE source and then
  the PLX and Assembler should be regenerated.
  Do NOT make changes to the PLX or Assembler directly!
01 Descriptive Name: Console Destination Block
  Acronym: CNDB
01 Macro Name: IATYCNDDB
01 DSECT Name: IATYCNDDB
  --based variable for storage mapping
01 Component: JES3 (SC1BA)
01 Function:
02 The console destination block is a control block that
  contains information related to the destination that
  messages should be sent to. This control block is built
  as commands are entered into to the system and is used by
  command processors as a destination for where to return
  messages to. The control block is imbedded in other
  control blocks and the size of the data area must not
  change (otherwise a JES3 cold start is required). The
  data is referenced by non-source maintained modules, so
  offsets into the data area must not change.
01 Eye-Catcher: CNDBEYE
02 Offset: 4
02 Length: 4
01 Language: PL/X
01 Storage Attributes:
02 Allocation Method: Imbedded within other control blocks
02 Main Storage: 94
02 Virtual Storage: 94

```

IATYTVTC Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
02 Auxiliary Storage: 94					
02 Subpool: n/a					
02 Key: 1					
02 Data Space: N/A					
02 Residency: any					
02 Frequency: n/a					
02 Size: 94					
02 Created by: n/a					
02 Deleted by: n/a					
02 Pointed to by: Imbedded within other control blocks					
02 Serialization: none					
01 EXTERNAL CLASSIFICATION: DMTI					
01 END OF EXTERNAL CLASSIFICATION:					
01 Method Of access:					
02 ASM: IATYCNDDB					
02 PLX: %INCLUDE SYSLIB(IATYCNDDB)					
01 CHANGE ACTIVITY:					
\$QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support					
\$RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init					
\$T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0					
CASE/390 - VERSION 49					
END OF SPECIFICATIONS					
%					
					End of Comment
176	(B0)	SIGNED	4	TVTCBDM (0)	IATYCNDDB.27: based variable for storage mapping
176	(B0)	SIGNED	4		Four byte console id 0176
180	(B4)	CHARACTER	4		IATYCNDDB eyecatcher
184	(B8)	ADDRESS	4		IATYCNDDB version
188	(BC)	BITSTRING	8		Reserved for development
196	(C4)	BITSTRING	8		Console Name 0176
204	(CC)	BITSTRING	24		Reserved for development
228	(E4)	SIGNED	2		Reserved for development
230	(E6)	BITSTRING	40		Reserved for development class
270	(10E)	CHARACTER	256	TVTCRD01	IATYTVTC.158: Reserved for Develop.
526	(20E)	CHARACTER	256	TVTCRD02	IATYTVTC.189: Reserved for Develop.
782	(30E)	CHARACTER	256	TVTCRD03	IATYTVTC.212: Reserved for Develop.
1038	(40E)	CHARACTER	256	TVTCRD04	IATYTVTC.147: Reserved for Develop.
1294	(50E)	CHARACTER	256	TVTCRS01	IATYTVTC.167: Reserved for Service.
1550	(60E)	CHARACTER	256	TVTCRS02	IATYTVTC.1: Reserved for Service.
1806	(70E)	CHARACTER	256	TVTCRS03	IATYTVTC.215: Reserved for Service.
2062	(80E)	CHARACTER	256	TVTCRS04	IATYTVTC.173: Reserved for Service.
2062	(80E)	X'1'	0	TVTC313	"1" IATYTVTC.203: Equate for HJS3313
2318	(90E)	X'90E'	0	IATYTVTC_LEN	"*-IATYTVTC"

IATYTVTC Cross Reference

Name

IATYTVTC
 IATYTVTC_LEN
 TVTCBDM
 TVTCEYE
 TVTCFTVT

 TVTCID
 TVTCLEN
 TVTCNJEM
 TVTCRD01
 TVTCRD02

 TVTCRD03
 TVTCRD04
 TVTCRS01
 TVTCRS02
 TVTCRS03

Name

TVTCRS04
TVTCVERS
TVTC313
TVTTVTC

IATYTVTX Information

IATYTVTX Programming Interface information

_____ Programming Interface information _____

IATYTVTX

ONLY the following field is part of the programming interface information:

- DUMYCNDDB

_____ End of Programming Interface information _____

Heading Information • IATYTVTX Map

IATYTVTX Heading Information

Common Name: Fixed extension of TVT
Macro ID: IATYTVTX
DSECT Name: IATYTVTX --Fixed TVT extension
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: TVTF_EYE_CATCHER
 Offset: 36
 Length: 20
 Language: PL/X
Storage Attributes: Main Storage: 220
 Virtual Storage: 220
 Auxiliary Storage: 220
 Subpool: 251
 Key: 1
 Data Space: N/A
 Residency: any Frequency: one per system
Size: 220
Created by: IATGRVTX
Pointed to by: IATYTVT (Field TVTFTVT)
Serialization: none
Function: The TVT fixed extension is an extension of the TVT that can be accessed from non-source maintained modules. 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.

IATYTVTX Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	IATYTVTX	IATYTVTX.27: Fixed TVT extension
Comment					
JES3 MODULE ENTRY POINT IDENTIFIER					
01 Change Activity:					
\$SV=TCPNJEB HJS7730 050629 PDORF: z 1.8.0					
End of Comment					
0	(0)	CHARACTER	8	TVTFID	MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM 0108
36	(24)	CHARACTER	20	TVTF_EYE_CATCHER	
56	(38)	SIGNED	4	TVTFVERS	0108 0108
60	(3C)	ADDRESS	4	TVTTVTF	IATYTVTX.242: Current version of the control block
64	(40)	ADDRESS	4	TVTFCTVT	IATYTVTX.248: Pointer to the primary extension of the TVT
68	(44)	SIGNED	4	TVTFLEN	IATYTVTX.254: Pointer to the checkpointable extension of the TVT
72	(48)	CHARACTER	94	DUMYCND	IATYTVTX.260: Dynamic length of the TVT fixed extension
166	(A6)	SIGNED	2		IATYTVTX.269: The CNDB for the DUMMY console
168	(A8)	ADDRESS	4	TVTXM702	IATYTVTX.97: Reserved for Development
172	(AC)	ADDRESS	4	TVTXM703	IATYTVTX.275: Address of MVS WPL to WPX conversion routine (IEAVM702) - set by IATINIT
176	(B0)	ADDRESS	4	TVTXSST	IATYTVTX.281: Address of multi-line WTO text extraction routine (IEAVM703) - set by IATINIT
180	(B4)	SIGNED	4	TVTXSSEV	IATYTVTX.287: Security Subtask communication table, address is resolved by IATGRSS
184	(B8)	ADDRESS	4	TVTXSSTB	IATYTVTX.293: Security Subtask initialization complete ECB
					IATYTVTX.299: Security Subtask TCB address

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

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	
204	(CC)	ADDRESS	4	AHED_ANCHOR	IATYAHED.93: CDS Sequence number
208	(D0)	ADDRESS	4	AHED_TOTAL	IATYAHED.99: Pointer to head of stack
212	(D4)	ADDRESS	4	AHED_FREE	IATYAHED.108: The total number of buffers allocated
216	(D8)	ADDRESS	4	TVTXCS03	IATYAHED.114: Number of free buffers
					"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

IATYTVTX Map

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

Address of the IATXWCLF service routine in IATWLCLF.					

End of Comment					
256	(100)	ADDRESS	4	TVTXWCLF	"V(WLMCLSFY)"
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)"

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

Address of the WLM Job Select routine in IATMSWLC.					

End of Comment					
280	(118)	ADDRESS	4	TVTXWSEL	"V(WLMSLECT)"
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)"

IATYTVTX Map

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

Address of Class Limit delay update routine in IATMSCC.					

End of Comment					
304	(130)	ADDRESS	4	TVTX_CLSDLYUP	"V(MSCCDLYU)"
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

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

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

End of Comment					
580	(244)	ADDRESS	4	TVTXGCTB	"V(TBEJPCST)"
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(TBEJPSST)"
Comment					

Address of get request from staging area routine. Only used on global.					

End of Comment					
600	(258)	ADDRESS	4	TVTXGSRQ	"V(GETSAREQ)"

IATYTVTX Map

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

Address of wildcard check service routine. Only used on global.					

End of Comment					
604	(25C)	ADDRESS	4	TVTXGWCK	"V(WILDCHEK)"
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)"

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
					Comment
					Address of IATGR83D Reader Information processing routine. Only used on the global.
					End of Comment
628	(274)	ADDRESS	4	TVTX83D	"V(GR83D)"
					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)"

IATYTVTX Cross Reference

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

IATYTVTX Cross Reference

Name

AHED_ANCHOR
 AHED_FREE
 AHED_SEQUENCE

 AHED_TOTAL
 DUMYCNDDB
 IATYTVTX
 IATYTVTX_LEN
 TVTF_EYE_CATCHER

 TVTFCTVT
 TVTFID
 TVTFLEN
 TVTFVERS
 TVTF313

 TVTF511
 TVTTVTF
 TVTX_CLSDLYUP

 TVTX_CLSHADIN

 TVTX_CLSHADRE

 TVTX_CLSHADUP

Name

TVTX_CLSMODUP

TVTX_LCLCMSLK

TVTX_MPSETTRE

TVTX_MPUNITS

TVTXAHED

TVTXATR

TVTXCS03

TVTXCS06

TVTXCS07

TVTXCS08

TVTXCS09

TVTXCS10

TVTXCS11

TVTXCS12

TVTXDELY

TVTXECTL

TVTXEFRW

TVTXENF

TVTXEWRK

TVTXE7SW

TVTXGCTB

TVTXGENF

TVTXGGSM

TVTXGITB

TVTXGNTB

TVTXGPDS

TVTXGSG

TVTXGSRQ

TVTXGSTB

TVTXGWCK

TVTXGWLN

TVTXGXTB

TVTXITRC

TVTXJDTB

TVTXJSPC

TVTXJXGT

TVTXM702

TVTXM703

TVTXPLXI

TVTXRJPC

TVTXSCSV

TVTXSSCR

TVTXSSEV

TVTXSST

TVTXSSTB

TVTXSTTM

TVTXWCLF

TVTXWDSL

TVTXWLM

TVTXWSEL

TVTXWSRV

TVTX83C

TVTX83D

TVTX83N

TVTX83P

TVTX83R

IATYT35 Information

IATYT35 Heading Information

Common Name: JES3 SVC 35 CONTROL BLOCK
Macro ID: IATYT35
DSECT Name: T35START
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Auxiliary Storage: N/A
 Subpool: 253
Size: T35FXSIZ
Created by: IATSIWO
Pointed to by: STADATA in IATYSTA
Serialization: NONE
Function: THIS CONTROL BLOCK MAPS THE JES3 SVC 35 DATA AREA THAT IS SENT VIA SSISERV TO THE GLOBAL. IT CONTAINS INFORMATION THAT IS NEEDED BY THE CONSERV DSP ON THE GLOBAL TO PROCESS THE MESSAGE.

Most messages processed by IATSIWO via the WTO/WTOR SSI do not get sent to the global. A message will be sent to the global if one or more of the following are true:

- (1) The message requires special message processing to be performed in the global. For example, the message is a request to mount a specific volume on a JES3 managed device. The information such as the device number and volser will be sent to the global so that MDS can update its internal tables to indicate which volume is mounted on the device.
- (2) User exit 69 has requested that the message be sent to the global for processing by user exit 70. This is necessary if the installation needs to access JES3 global only control blocks in order to process the message.

IATYT35 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	T35START	
0	(0)	SIGNED	2	T35TOTLN	Total length for SSISERV
2	(2)	BITSTRING	1	T35RSVD	Reserved for development
3	(3)	BITSTRING	1	T35VERSN	Version number
3	(3)	X'1'	0	T35220	"1" Version for HJS2220
3	(3)	X'2'	0	T35421	"2" Version for HJS4421
3	(3)	X'3'	0	T35521	"3" Version for HJS5521
3	(3)	X'3'	0	T35CVID	"T35521" Current version
4	(4)	CHARACTER	4	T35NAME	Control block id

Comment

Message Processing Flags.

End of Comment

8	(8)	BITSTRING	1	T35FLAG1	Flag one
---	-----	-----------	---	----------	----------

IATYT35 Map

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

Definition of T35FLAG1. Bit settings correspond to YUX69TYP and YUX70TYP.					

End of Comment					
		1...		T35SINGL	"X'80" Single line WTO
		.1..		T35MAJOR	"X'40" Major line of multi-line WTO
		..1.		T35WTOR	"X'20" WTOR
		...1		T35CMD	"X'10" Message is a command
		.... 1..		T35WTREP	"X'08" Message is a WTOR reply
		.... .1..		T35MINOR	"X'04" Minor line of multi-line WTO
		.... ..1.		T35ACTN	"X'02" Action message
		.... ...1		T35RS101	"X'01" Reserved flag
9	(9)	BITSTRING	1	T35FLAG2	Flag two
Comment					

Definition of T35FLAG2					

End of Comment					
		1...		T35SEXIT	"X'80" Message sent for user exit 70 processing
		.1..		T35JESMG	"X'40" Message is eligible for JESMSG
		..1.		T35BOXED	"X'20" Device is boxed
		...1		T35RS210	"X'10" Reserved flag
		.... 1..		T35RS208	"X'08" Reserved flag
		.... .1..		T35RS204	"X'04" Reserved flag
		.... ..1.		T35RS202	"X'02" Reserved flag
		.... ...1		T35RS201	"X'01" Reserved flag
10	(A)	BITSTRING	1	T35MLFLG	Multi-Line Message Flag
Comment					

Definition of T35MLFLG (corresponds to multi-line flag in WQE).					

End of Comment					
		1...		T35MLCON	"X'80" Control Line
		.1..		T35MLLAB	"X'40" Label Line
		..1.		T35MLDAT	"X'20" Data Line
		...1		T35MLENL	"X'10" End Line
11	(B)	BITSTRING	1	T35CNFLG	CONSERV Work Flag
Comment					

Definition of T35CNFLG.					

End of Comment					
		1...		T35JSPLT	"X'80" Message text split by CNSV
		.1..		T35JSEG1	"X'40" JESMSG issued for 1st segment

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
Information about the WTO/WTOR and issuer (for serviceability purposes only).					
End of Comment					
12	(C)	SIGNED	2	T35ASID	Asid
16	(10)	ADDRESS	4	T35TCB	Job step TCB address
20	(14)	CHARACTER	8	T35JOBID	Job id
28	(1C)	CHARACTER	8	T35JOBNM	Job name
36	(24)	CHARACTER	8	T35SYSNM	Originating system name
44	(2C)	BITSTRING	8	T35KEY	Retrieval key
52	(34)	SIGNED	4	T35TOKEN	Token
56	(38)	SIGNED	4	T35SEQ#	Sequence number (DOM/Connect ID)
60	(3C)	BITSTRING	2	T35DESC	Descriptor codes
Comment					
Special Message Processing Information. The information that follows is used by the special message processing routes in IATCNSV. These routines perform certain actions based on information in a message such as automatically responding to a request to verify a printer train.					
End of Comment					
62	(3E)	BITSTRING	3	T35INDEX (0)	Area for msg table indices
62	(3E)	BITSTRING	1	T35INDX1	First message index - index to device number
63	(3F)	BITSTRING	1	T35INDX2	Second message index
64	(40)	BITSTRING	1	T35SVRTN	Branch constant for IATCNSV
65	(41)	BITSTRING	1	T35RSVS2	Reserved for service
66	(42)	CHARACTER	4	T35DEVNO	Device number associated with the message
70	(46)	BITSTRING	1	T35ACLU D	ACL status update byte (from UCBTFL1) - indicates the status of the automatic cartridge loader: X'08' - Indicates feature is installed on device X'0C' - Indicates feature is installed and contains tapes
71	(47)	BITSTRING	1	T35MEDIA	Device's media type
Comment					
Fields for JESMSG processing in IATCNSV.					
End of Comment					
72	(48)	BITSTRING	1	T35TXTJ1	For JESMSG split by IATCNSV, length of first segment
73	(49)	BITSTRING	1	T35TXTJ2	For JESMSG split by IATCNSV, length of second segment
Comment					
Message Length and Text					
End of Comment					
74	(4A)	BITSTRING	1	T35XTLN	Length of message text
75	(4B)	CHARACTER	128	T35TEXT	Message text
75	(4B)	X'4B'	0	T35ACTCH	"T35TEXT,1" Action character or blank
75	(4B)	X'4C'	0	T35REPID	"T35TEXT+1" Start of variable length reply id
203	(CB)	BITSTRING	1	T35REPLN	Reply id length or zero

IATYT35 Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
Major Line Length and Text - Used when sending the minor line of a multi-line message to the global for exit processing.					
End of Comment					
204	(CC)	BITSTRING	1	T35TXTML	Major line text length
205	(CD)	CHARACTER	128	T35TEXTM	Text of major line
Comment					
End of T35.					
End of Comment					
336	(150)	DBL WORD	8	T35FXEND (0)	End of T35
336	(150)	X'150'	0	T35FXSIZ	"T35FXEND-T35START" Size of T35

IATYT35 Cross Reference

Name

T35ACLU
 T35ACTCH
 T35ACTN
 T35ASID
 T35BOXED
 T35CMD
 T35CNFLG
 T35CVID
 T35DESC
 T35DEVNO
 T35FLAG1
 T35FLAG2
 T35FXEND
 T35FXSIZ
 T35INDEX
 T35INDX1
 T35INDX2
 T35JESMG
 T35JOBID
 T35JOBNM
 T35JSEG1
 T35JSPLT
 T35KEY
 T35MAJOR
 T35MEDIA
 T35MINOR
 T35MLCON
 T35MLDAT
 T35MLENL
 T35MLFLG
 T35MLLAB
 T35NAME
 T35REPID
 T35REPLN
 T35RSVD

Name

T35RSVS2
T35RS101
T35RS201
T35RS202
T35RS204

T35RS208
T35RS210
T35SEQ#
T35SEXIT
T35SINGL

T35START
T35SVRTN
T35SYSNM
T35TCB
T35TEXT

T35TEXTM
T35TOKEN
T35TOTLN
T35TXTJ1
T35TXTJ2

T35TXTLN
T35XTML
T35VERSN
T35WTOR
T35WTREP

T35220
T35421
T35521

IATYUXL Information

IATYUXL Programming Interface information

Programming Interface information

IATYUXL

End of Programming Interface information

Heading Information • IATYUXL Map

IATYUXL Heading Information

Common Name: USER EXIT ADDRESS LIST
Macro ID: IATYUXL
DSECT Name: UXLSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: JES3 PRIVATE AREA
 Auxiliary Storage: NONE
Size: 371 bytes
Created by: IATGRPT
 IATGRPTF
Pointed to by: TVTUXL IN IATYTVT
Serialization: N/A
Function: Contains the user exit address list for loadable DSPs.
 Also contains a one byte flag for each user exit.
 The section starting at label UXDXDEF contains the entries for the JES3 user exits which are managed by the MVS Dynamic Exit facility. Each entry is generated by the IATXDXF macro. IATYDXF provides a mapping for the fields in each entry.

IATYUXL Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYUXL	
0	(0)	CHARACTER	8	UXLNAM	NAME OF LIST
8	(8)	ADDRESS	4	UXLSTART (0)	START OF ADDRESSES
8	(8)	BITSTRING	4	UXL01	RESERVED FOR IATUX01 ENTRY
12	(C)	BITSTRING	4	UXL02	RESERVED FOR IATUX02 ENTRY 0046
16	(10)	CHARACTER	4	UXL03	IATUX03 ENTRY
20	(14)	CHARACTER	4	UXL04	IATUX04 ENTRY
24	(18)	CHARACTER	4	UXL05	IATUX05 ENTRY
28	(1C)	CHARACTER	4	UXL06	IATUX06 ENTRY
32	(20)	CHARACTER	4	UXL07	IATUX07 ENTRY
36	(24)	CHARACTER	4	UXL08	IATUX08 ENTRY
40	(28)	CHARACTER	4	UXL09	IATUX09 ENTRY
44	(2C)	CHARACTER	4	UXL10	IATUX10 ENTRY
48	(30)	CHARACTER	4	UXL11	IATUX11 ENTRY
52	(34)	BITSTRING	4	UXL12	IATUX12 ENTRY
56	(38)	BITSTRING	4	UXL13	IATUX13 ENTRY
60	(3C)	CHARACTER	4	UXL14	IATUX14 ENTRY
64	(40)	CHARACTER	4	UXL15	IATUX15 ENTRY
68	(44)	BITSTRING	4	UXL16	RESERVED FOR IATUX16
72	(48)	CHARACTER	4	UXL17	IATUX17 ENTRY
76	(4C)	CHARACTER	4	UXL18	IATUX18 ENTRY
80	(50)	CHARACTER	4	UXL19	IATUX19 ENTRY
84	(54)	CHARACTER	4	UXL20	IATUX20 ENTRY
88	(58)	CHARACTER	4	UXL21	IATUX21 ENTRY
92	(5C)	CHARACTER	4	UXL22	IATUX22 ENTRY
96	(60)	CHARACTER	4	UXL23	IATUX23 ENTRY
100	(64)	CHARACTER	4	UXL24	IATUX24 ENTRY
104	(68)	CHARACTER	4	UXL25	IATUX25 ENTRY
108	(6C)	BITSTRING	4	UXL26	IATUX26 ENTRY
112	(70)	CHARACTER	4	UXL27	IATUX27 ENTRY
116	(74)	CHARACTER	4	UXL28	IATUX28 ENTRY
120	(78)	CHARACTER	4	UXL29	IATUX29 ENTRY
124	(7C)	CHARACTER	4	UXL30	IATUX30 ENTRY
128	(80)	BITSTRING	4	UXL31	RESERVED FOR IATUX31 ENTRY
132	(84)	BITSTRING	4	UXL32	IATUX32 ENTRY
136	(88)	CHARACTER	4	UXL33	IATUX33 ENTRY
140	(8C)	CHARACTER	4	UXL34	IATUX34 ENTRY

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
144	(90)	CHARACTER	4	UXL35	IATUX35 ENTRY
148	(94)	CHARACTER	4	UXL36	IATUX36 ENTRY
152	(98)	CHARACTER	4	UXL37	IATUX37 ENTRY
156	(9C)	CHARACTER	4	UXL38	IATUX38 ENTRY
160	(A0)	CHARACTER	4	UXL39	IATUX39 ENTRY
164	(A4)	CHARACTER	4	UXL40	IATUX40 ENTRY
168	(A8)	CHARACTER	4	UXL41	IATUX41 ENTRY
172	(AC)	CHARACTER	4	UXL42	IATUX42 ENTRY
176	(B0)	CHARACTER	4	UXL43	IATUX43 ENTRY
180	(B4)	CHARACTER	4	UXL44	IATUX44 ENTRY
184	(B8)	CHARACTER	4	UXL45	IATUX45 ENTRY
188	(BC)	CHARACTER	4	UXL46	IATUX46 ENTRY
192	(C0)	BITSTRING	4	UXL47	IATUX47 ENTRY
196	(C4)	CHARACTER	4	UXL48	IATUX48 ENTRY
200	(C8)	CHARACTER	4	UXL49	IATUX49 ENTRY
204	(CC)	CHARACTER	4	UXL50	IATUX50 ENTRY
208	(D0)	BITSTRING	4	UXL51	IATUX51 ENTRY #247
212	(D4)	BITSTRING	4	UXL52	IATUX52 ENTRY
216	(D8)	BITSTRING	4	UXL53	IATUX53 ENTRY
220	(DC)	BITSTRING	4	UXL54	IATUX54 ENTRY
224	(E0)	BITSTRING	4	UXL55	IATUX55 ENTRY
228	(E4)	BITSTRING	4	UXL56	Reserved for IATUX56
232	(E8)	BITSTRING	4	UXL57	IATUX57 ENTRY (LOADED BY INSV)
236	(EC)	BITSTRING	4	UXL58	IATUX58 ENTRY
240	(F0)	BITSTRING	4	UXL59	IATUX59 ENTRY
244	(F4)	CHARACTER	4	UXL60	IATUX60 ENTRY
248	(F8)	CHARACTER	4	UXL61	IATUX61 ENTRY
252	(FC)	CHARACTER	4	UXL62	IATUX62 ENTRY
256	(100)	BITSTRING	4	UXL63	IATUX63 ENTRY (IATINIT) 0077
260	(104)	BITSTRING	4	UXL64	RESERVED FOR IATUX64 ENTRY
264	(108)	BITSTRING	4	UXL65	RESERVED FOR IATUX65 ENTRY
268	(10C)	CHARACTER	4	UXL66	IATUX66 ENTRY
272	(110)	CHARACTER	4	UXL67	IATUX67 ENTRY D016
276	(114)	CHARACTER	4	UXL68	IATUX68 Entry
280	(118)	BITSTRING	4	UXL69	IATUX69 ENTRY (Exit defined in dynamic list below)
284	(11C)	BITSTRING	4	UXL70	IATUX70 ENTRY (Exit defined in dynamic list below)
288	(120)	CHARACTER	4	UXL71	IATUX71 ENTRY
292	(124)	CHARACTER	4	UXL72	IATUX72 Entry
296	(128)	CHARACTER	4	UXL73	IATUX73 Entry
300	(12C)	SIGNED	4		LIST TERMINATOR
300	(12C)	X'49'	0	UXLMAX	"73" Maximum user exit number
304	(130)	ADDRESS	4	(3)	Reserved for IBM

Comment

A MULTI-PURPOSE FLAG BYTE IS PROVIDED FOR EACH EXIT

End of Comment

316	(13C)	BITSTRING	1	UXFLG1	FLAG RESERVED FOR USER EXIT 1
317	(13D)	BITSTRING	1	UXFLG2	FLAG RESV'D FOR USER EXIT 2 0046
318	(13E)	ADDRESS	1	UXFLG3	USER EXIT 3 FLAG
319	(13F)	ADDRESS	1	UXFLG4	USER EXIT 4 FLAG
320	(140)	ADDRESS	1	UXFLG5	USER EXIT 5 FLAG
321	(141)	ADDRESS	1	UXFLG6	USER EXIT 6 FLAG
322	(142)	ADDRESS	1	UXFLG7	USER EXIT 7 FLAG
323	(143)	ADDRESS	1	UXFLG8	FLAG FOR USER EXIT 8
324	(144)	ADDRESS	1	UXFLG9	FLAG FOR USER EXIT 9
325	(145)	ADDRESS	1	UXFLG10	USER EXIT 10 FLAG
326	(146)	ADDRESS	1	UXFLG11	USER EXIT 11 FLAG
327	(147)	BITSTRING	1	UXFLG12	FLAG FOR USER EXIT 12
328	(148)	BITSTRING	1	UXFLG13	FLAG FOR USER EXIT 13

IATYUXL Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
UX14 is not refreshable, it is a restart exit					
End of Comment					
329	(149)	ADDRESS	1	UXFLG14	FLAG FOR USER EXIT 14
Comment					
UX15 is not refreshable, it is an initialization exit					
End of Comment					
330	(14A)	ADDRESS	1	UXFLG15	FLAG FOR USER EXIT 15
331	(14B)	BITSTRING	1	UXFLG16	FLAG RESERVED FOR USER EXIT 16
332	(14C)	ADDRESS	1	UXFLG17	FLAG FOR USER EXIT 17
333	(14D)	ADDRESS	1	UXFLG18	USER EXIT 18 FLAG
334	(14E)	ADDRESS	1	UXFLG19	FLAG FOR USER EXIT 19
335	(14F)	ADDRESS	1	UXFLG20	FLAG FOR USER EXIT 20
336	(150)	ADDRESS	1	UXFLG21	FLAG FOR USER EXIT 21
337	(151)	ADDRESS	1	UXFLG22	FLAG FOR USER EXIT 22
338	(152)	ADDRESS	1	UXFLG23	FLAG FOR USER EXIT 23
339	(153)	ADDRESS	1	UXFLG24	FLAG FOR USER EXIT 24
340	(154)	ADDRESS	1	UXFLG25	USER EXIT 25 FLAG
341	(155)	BITSTRING	1	UXFLG26	FLAG FOR USER EXIT 26
342	(156)	ADDRESS	1	UXFLG27	FLAG FOR USER EXIT 27
343	(157)	ADDRESS	1	UXFLG28	FLAG FOR USER EXIT 28
344	(158)	ADDRESS	1	UXFLG29	FLAG FOR USER EXIT 29
345	(159)	ADDRESS	1	UXFLG30	FLAG FOR USER EXIT 30
346	(15A)	BITSTRING	1	UXFLG31	FLAG FOR USER EXIT 31
347	(15B)	BITSTRING	1	UXFLG32	FLAG FOR USER EXIT 32
348	(15C)	ADDRESS	1	UXFLG33	FLAG FOR USER EXIT 33
349	(15D)	ADDRESS	1	UXFLG34	FLAG FOR USER EXIT 34
350	(15E)	ADDRESS	1	UXFLG35	FLAG FOR USER EXIT 35
		.... ...1		DEFNJE	"X'01" DEFAULT NJE CHECKING (UX35)
351	(15F)	ADDRESS	1	UXFLG36	FLAG FOR USER EXIT 36
352	(160)	ADDRESS	1	UXFLG37	FLAG FOR USER EXIT 37
353	(161)	ADDRESS	1	UXFLG38	FLAG FOR USER EXIT 38
354	(162)	ADDRESS	1	UXFLG39	FLAG FOR USER EXIT 39
355	(163)	ADDRESS	1	UXFLG40	FLAG FOR USER EXIT 40
356	(164)	ADDRESS	1	UXFLG41	USER EXIT 41 FLAG
357	(165)	ADDRESS	1	UXFLG42	FLAG FOR USER EXIT 42
358	(166)	ADDRESS	1	UXFLG43	FLAG FOR USER EXIT 43
359	(167)	ADDRESS	1	UXFLG44	FLAG FOR USER EXIT 44
360	(168)	ADDRESS	1	UXFLG45	FLAG FOR USER EXIT 45
361	(169)	ADDRESS	1	UXFLG46	FLAG FOR USER EXIT 46
362	(16A)	BITSTRING	1	UXFLG47	FLAG FOR USER EXIT 47
363	(16B)	ADDRESS	1	UXFLG48	FLAG FOR USER EXIT 48
364	(16C)	ADDRESS	1	UXFLG49	FLAG FOR USER EXIT 49
365	(16D)	ADDRESS	1	UXFLG50	FLAG FOR USER EXIT 50
366	(16E)	BITSTRING	1	UXFLG51	FLAG FOR USER EXIT 51 #247
367	(16F)	BITSTRING	1	UXFLG52	FLAG FOR USER EXIT 52
368	(170)	BITSTRING	1	UXFLG53	FLAG FOR USER EXIT 53
369	(171)	BITSTRING	1	UXFLG54	FLAG FOR USER EXIT 54
370	(172)	BITSTRING	1	UXFLG55	FLAG FOR USER EXIT 55
371	(173)	BITSTRING	1	UXFLG56	FLAG RESERVED FOR USER EXIT 56
372	(174)	BITSTRING	1	UXFLG57	FLAG FOR USER EXIT 57
373	(175)	BITSTRING	1	UXFLG58	FLAG FOR USER EXIT 58
374	(176)	BITSTRING	1	UXFLG59	FLAG FOR USER EXIT 59
375	(177)	ADDRESS	1	UXFLG60	FLAG FOR USER EXIT 60
376	(178)	ADDRESS	1	UXFLG61	FLAG FOR USER EXIT 61
377	(179)	ADDRESS	1	UXFLG62	FLAG FOR USER EXIT 62
378	(17A)	BITSTRING	1	UXFLG63	FLAG FOR USER EXIT 63 0077
379	(17B)	BITSTRING	1	UXFLG64	FLAG RESERVED FOR USER EXIT 64
380	(17C)	BITSTRING	1	UXFLG65	FLAG RESERVED FOR USER EXIT 65

Offsets

Dec	Hex	Type/Value	Len	Name (Dim)	Description
381	(17D)	ADDRESS	1	UXFLG66	FLAG FOR USER EXIT 66
382	(17E)	ADDRESS	1	UXFLG67	FLAG FOR USER EXIT 67
383	(17F)	ADDRESS	1	UXFLG68	Flag for user exit 68
384	(180)	BITSTRING	1	UXFLG69	FLAG RESERVED FOR USER EXIT 69
385	(181)	BITSTRING	1	UXFLG70	FLAG RESERVED FOR USER EXIT 70
386	(182)	ADDRESS	1	UXFLG71	FLAG FOR USER EXIT 71
387	(183)	ADDRESS	1	UXFLG72	Flag for user exit 72
388	(184)	ADDRESS	1	UXFLG73	Flag for user exit 73
389	(185)	BITSTRING	1	UXRVD3 (2)	Reserved for IBM
391	(187)	BITSTRING	1	UXRVD4 (4)	Reserved for IBM

Comment

Label UXDXDEF is the beginning of the entries which define the exits managed by the MVS Dynamic Exit facility.

End of Comment

396	(18C)	SIGNED	4	UXDXDEF (0)	
-----	-------	--------	---	-------------	--

Comment

 Definition of user exit 69.

```

$Q0=SYSOPER HJS5521 941205 PD0CM: SP 5.2.1
, IATXDXF EXITNAME=IAT_EXIT69,
, KEY=0,
, ABENDNUM=2,
, REENTRANT=REQ,
, ENVIRON=,
, PERSIST=IPL
    
```

End of Comment

396	(18C)	SIGNED	4	UXLDX69 (0)	
396	(18C)	CHARACTER	16		Exit Name
412	(19C)	ADDRESS	4		Generate KEY value
416	(1A0)	ADDRESS	4		ABENDNUM value
420	(1A4)	ADDRESS	1		Set the environment flag
421	(1A5)	ADDRESS	1		Flag 1
422	(1A6)	BITSTRING	2		Reserved

Comment

 Definition of user exit 70.

```

$Q0=SYSOPER HJS5521 941205 PD0CM: SP 5.2.1
, IATXDXF EXITNAME=IAT_EXIT70,
, KEY=1,
, ABENDNUM=2,
, REENTRANT=OPT,
, ENVIRON=,
, PERSIST=ADDRESSSPACE
    
```

End of Comment

424	(1A8)	SIGNED	4	UXLDX70 (0)	
424	(1A8)	CHARACTER	16		Exit Name
440	(1B8)	ADDRESS	4		Generate KEY value
444	(1BC)	ADDRESS	4		ABENDNUM value
448	(1C0)	ADDRESS	1		Set the environment flag
449	(1C1)	ADDRESS	1		Flag 1
450	(1C2)	BITSTRING	2		Reserved

IATYUXL Cross Reference

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

End of dynamic exit entries.					

End of Comment					
452	(1C4)	SIGNED	4	UXDXEND	
Comment					
DEFINITIONS FOR BITS IN USER EXIT FLAGS NOTE THAT THE LAST BIT (X'01') IN EACH USER EXIT FLAG IS RESERVED FOR USE BY THE INDIVIDUAL EXIT.					
End of Comment					
		1...		DUMMYUX	"X'80" DUMMY EXIT - DON'T CALL AGAIN
		.1..		UXLGBL	"X'40" EXIT LOADED FOR JES3 GLOBAL
		..1.		UXLLCL	"X'20" EXIT LOADED FOR JES3 LOCAL
		...1		UXLCIFSS	"X'10" EXIT LOADED FOR CI FSS
		.... 1...		UXLRFSH	"X'08" EXIT IS REFRESHABLE

IATYUXL Cross Reference

Name

DEFNJE
 DUMMYUX
 IATYUXL
 UXDXDEF
 UXDXEND
 UXFLG1
 UXFLG10
 UXFLG11
 UXFLG12
 UXFLG13
 UXFLG14
 UXFLG15
 UXFLG16
 UXFLG17
 UXFLG18
 UXFLG19
 UXFLG2
 UXFLG20
 UXFLG21
 UXFLG22
 UXFLG23
 UXFLG24
 UXFLG25
 UXFLG26
 UXFLG27
 UXFLG28
 UXFLG29
 UXFLG3
 UXFLG30
 UXFLG31
 UXFLG32
 UXFLG33
 UXFLG34
 UXFLG35
 UXFLG36

Name

UXFLG37
UXFLG38
UXFLG39
UXFLG4
UXFLG40

UXFLG41
UXFLG42
UXFLG43
UXFLG44
UXFLG45

UXFLG46
UXFLG47
UXFLG48
UXFLG49
UXFLG5

UXFLG50
UXFLG51
UXFLG52
UXFLG53
UXFLG54

UXFLG55
UXFLG56
UXFLG57
UXFLG58
UXFLG59

UXFLG6
UXFLG60
UXFLG61
UXFLG62
UXFLG63

UXFLG64
UXFLG65
UXFLG66
UXFLG67
UXFLG68

UXFLG69
UXFLG7
UXFLG70
UXFLG71
UXFLG72

UXFLG73
UXFLG8
UXFLG9
UXLCIFSS
UXLDX69

UXLDX70
UXLGBL
UXLLCL
UXLMAX
UXLNAM

UXLRFSH
UXLSTART
UXL01
UXL02
UXL03

UXL04
UXL05
UXL06
UXL07
UXL08

IATYUXL Cross Reference

Name

UXL09
UXL10
UXL11
UXL12
UXL13

UXL14
UXL15
UXL16
UXL17
UXL18

UXL19
UXL20
UXL21
UXL22
UXL23

UXL24
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UXL44
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UXL47
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UXL49
UXL50
UXL51
UXL52
UXL53

UXL54
UXL55
UXL56
UXL57
UXL58

UXL59
UXL60
UXL61
UXL62
UXL63

UXL64
UXL65
UXL66
UXL67
UXL68

Name

UXL69
UXL70
UXL71
UXL72
UXL73
UXRVD3
UXRVD4

IATYUX07 Information

IATYUX07 Programming Interface information

Programming Interface information

IATYUX07

End of Programming Interface information

Heading Information • IATYUX07 Cross Reference

IATYUX07 Heading Information

Common Name: IATUX07 Output Area Mapping
Macro ID: IATYUX07
DSECT Name: UX7START, UX7USTRT, UX7VSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: UX7
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: SUBPOOL 0
 Auxiliary Storage: N/A
Size: UX7HSIZE - Size of IATUX07 Output Header
 UX7USIZE - Size of IATUX07 Unit Entry
 UX7VSIZE - Size of IATUX07 Volume Entry
Created by: N/A
Pointed to by: N/A
Serialization: NONE
Function: IATYUX07 defines the format of the output returned by IATUX07.

IATYUX07 Map

Offsets					Name (Dim)	Description
Dec	Hex	Type/Value	Len			
0	(0)	STRUCTURE	0	UX7START	, IATUX07 Output Mapping	
0	(0)	CHARACTER	4	UX7ID	Control Block Id	
4	(4)	SIGNED	2	UX7TOTLN	Total length of entire parameter list including variable length entries	
6	(6)	SIGNED	2	UX7NUMUV	Number of Unit Type/Volser entries	
8	(8)	BITSTRING	1	UX7HEND (0)	End of IATUX07 Output Header	
8	(8)	X'8'	0	UX7HSIZE	"UX7HEND-UX7START" Size of IATUX07 Output Header	

Offsets					Name (Dim)	Description
Dec	Hex	Type/Value	Len			
0	(0)	STRUCTURE	0	UX7USTRT	, IATUX07 Unit Entry	
0	(0)	CHARACTER	8	UX7UNIT	Unit Type	
8	(8)	SIGNED	2	UX7NUMUN	Number of units of this type required to set up this request	
10	(A)	SIGNED	2	UX7NUMVL	Number of volsers for this unit type that follow	
12	(C)	BITSTRING	1	UX7UEND (0)	End of IATUX07 Unit Entry	
12	(C)	X'C'	0	UX7USIZE	"UX7UEND-UX7USTRT" Size of IATUX07 Unit Entry	

Offsets					Name (Dim)	Description
Dec	Hex	Type/Value	Len			
0	(0)	STRUCTURE	0	UX7VSTRT	, IATUX07 Volume Entry	
0	(0)	CHARACTER	6	UX7VOLUM	Volume Serial Number	
6	(6)	BITSTRING	1	UX7VEND (0)	End of IATUX07 Volume Entry	
6	(6)	X'6'	0	UX7VSIZE	"UX7VEND-UX7VSTRT" Size of IATUX07 Volume Entry	

IATYUX07 Cross Reference

Name

UX7HEND
 UX7HSIZE
 UX7ID
 UX7NUMUN
 UX7NUMUV
 UX7NUMVL
 UX7START
 UX7TOTLN
 UX7UEND
 UX7UNIT

Name

UX7USIZE
UX7USTRT
UX7VEND
UX7VOLUM
UX7VSIZE
UX7VSTRT

IATYUX30 Information

IATYUX30 Programming Interface information

Programming Interface information

IATYUX30

End of Programming Interface information

Heading Information • IATYUX30 Map

IATYUX30 Heading Information

Common Name: User Exit 30 Parameter List
Macro ID: IATYUX30
DSECT Name: IATYUX30
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: YUX30
 Offset: 0
 Length: 6
Storage Attributes: Auxiliary Storage: N/A
 Subpool: 0
 Key: 1 (JESKEY)
 Residency: ANY
Size: YUX30SIZ
Created by: IATGRWQ
 IATGRWP
Pointed to by: None
Serialization: NONE
Function: This control block maps the parameter list used between IATGRWQ/IATOSPD and IATUX30.

IATYUX30 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYUX30	DSECT YUX30 data area start
0	(0)	CHARACTER	6	YUX30ID	Eye catcher
6	(6)	BITSTRING	2	YUX30VSN	Version level
6	(6)	X'1'	0	YUX30130	"1" Version level for HJS6603
6	(6)	X'1'	0	YUX30VID	"YUX30130" Version level value
8	(8)	SIGNED	4	UX30LST (0)	
8	(8)	SIGNED	4	UX30AID	Ptr to 8 byte requesting user id from an ACEE or zero if an ACEE does not exist
12	(C)	SIGNED	4	UX30FUNC	Ptr to 1 byte function code
16	(10)	SIGNED	4	UX30SSOB	Status/Cancel extension mapped in SSOB (SSCSBGN)
20	(14)	SIGNED	4	UX30JOB	JCT or RQ address or ZERO
24	(18)	SIGNED	4	UX30ID	Ptr to 8 byte requesting TSO terminal user id.
28	(1C)	BITSTRING	1	UX30FLG1	UX30 flags

Comment

 Meaning of bits in UX30FLG1
 This flag is set by the caller of IATUX30.

End of Comment

		1... ..		UX30END	"X'80" Parameter list terminator
		.1.. ..		UX30VAL	"X'40" Valid TSO user id
		..1.		UX30CVAL	"X'20" Valid ACEE (client) userid
29	(1D)	BITSTRING	1	UX30UFLG	UX30 flags

Comment

 Meaning of bits in UX30UFLG
 This flag is set only in user exit 30 by the user only for request selection Status processing (i.e. UX30JOB=hex zero)

End of Comment

		1... ..		UX308968	"X'80" Issue only secondary message IAT8968
		.1.. ..		UX308969	"X'40" ISSUE only secondary message IAT8969
		..1.		UX30B896	"X'20" Issue both IAT896x messages
		...1		UX30N896	"X'10" Don't issue IAT896x messages
30	(1E)	BITSTRING	1	(2)	Reserved for development

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
32	(20)	SIGNED	4	UX30SRSV (2)	Reserved for service
40	(28)	SIGNED	4	UX30URSV (2)	Reserved for user
48	(30)	SIGNED	4	UX30DRSV (2)	Reserved for development

Comment

 The following equates define the user exit return codes set in R15 to be used for request selection processing (i.e. UX30JOB=hex zero).

 End of Comment

48	(30)	X'0'	0	UX30JFOK	"0" IKJEFF53 authority exit used
48	(30)	X'4'	0	UX30J3OK	"4" JES authority exit used
48	(30)	X'8'	0	UX30J3RT	"8" JES exit used - reenter on each job entry selection
48	(30)	X'C'	0	UX30J3RJ	"12" JES3 exit used - reject this request
48	(30)	X'10'	0	UX30J3JO	"16" JES3 exit used - use job owner for all processing

Comment

 The following equates define the user exit return codes set in R15 to be used for job selection processing (i.e. UX30JOB=JCT or RQ address)

 End of Comment

48	(30)	X'0'	0	UX30JBOK	"0" Process selected job
48	(30)	X'4'	0	UX30JBRJ	"4" Reject - continue job scan
48	(30)	X'8'	0	UX30RQRJ	"8" Terminate this request

Comment

 The following equates define the user exit reason codes set in R) to be used for generic Status processing (i.e. 'ST ').

 End of Comment

48	(30)	X'0'	0	UX30RN00	"0" Use userid in field UX30ID
48	(30)	X'4'	0	UX30RN04	"4" Use userid in field SSCSJOBN
48	(30)	X'8'	0	UX30RN08	"8" Use userid in field UX30AID
48	(30)	X'38'	0	YUX30END	***
48	(30)	X'38'	0	YUX30SIZ	"YUX30END-YUX30ID" Size of control block

IATYUX30 Cross Reference

Name

IATYUX30
 UX30AID
 UX30B896
 UX30CVAL
 UX30DRSV
 UX30END
 UX30FLG1
 UX30FUNC
 UX30ID
 UX30JBOK

IATYUX30 Cross Reference

Name

UX30JBRJ
UX30JFOK
UX30JOB
UX30J3JO
UX30J3OK

UX30J3RJ
UX30J3RT
UX30LST
UX30N896
UX30RN00

UX30RN04
UX30RN08
UX30RQRJ
UX30SRSV
UX30SSOB

UX30UFLG
UX30URSV
UX30VAL
UX308968
UX308969

YUX30END
YUX30ID
YUX30SIZ
YUX30VID
YUX30VSN
YUX30130

IATYUX42 Information

IATYUX42 Programming Interface information

Programming Interface information

IATYUX42

End of Programming Interface information

Heading Information • IATYUX42 Map

IATYUX42 Heading Information

Common Name: User exit 42 parameter list.
Macro ID: IATYUX42
DSECT Name: YUX42STR
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: YUX42
 Offset: 24
 Length: 6
Storage Attributes: Main Storage: Subpool 0
 Auxiliary Storage: n/a
 Key: 1 (JES KEY)
 Residency: Any
Size: YUX42SIZ
Created by: IATNTSF
Pointed to by: Register 1 on entry to IATUX42
Serialization: None
Function: Maps the parameter list passed to exit 42.

IATYUX42 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	YUX42STR	
0	(0)	ADDRESS	4	YUX42OFA	Address of output flag 1
4	(4)	ADDRESS	4	YUX42JDS	JDS entry address
8	(8)	ADDRESS	4	YUX42ORI	Origin node name address
12	(C)	ADDRESS	4	YUX42USR	Origin userid address
16	(10)	ADDRESS	4	YUX42SYS	Address of the system name on which JES3 will issue the TSO SEND if the target user is to be notified. Filled in on entry only if the user is logged on. This field may be changed by the exit.
20	(14)	ADDRESS	4	YUX42MSG	Address of a 72-byte message text area containing the message to be sent to the origin user if the file is deleted. The first two bytes contain the length of the text that follows. This field may be changed by the exit.
24	(18)	CHARACTER	6	YUX42ID	Control block identifier
30	(1E)	ADDRESS	2	YUX42VER	Version level
30	(1E)	X'1'	0	YUX42INI	"1" Initial version indicator
30	(1E)	X'1'	0	YUX42CUR	"YUX42INI" Current version
32	(20)	BITSTRING	1	YUX42OF1	Output flag byte
		1... ..		YUX42DEL	"X'80" The incoming file should be deleted
		.1.. ..		YUX42NOM	"X'40" Do not send a message to the target user
		..1.		YUX42WTQ	"X'20" The incoming file should be put on the writer queue with the destination in field NDHGRMT
		...1		YUX42WTN	"X'10" The incoming file should be put on the writer queue with the destination in field YUX42ODS
		.... 1...		YUX42HOQ	"X'08" The incoming file should be treated as NETDATA, i.e. put on the hold queue so that it can be received by a TSO user whose userid is the value of NDHGRMT (NDHGXWTR)
33	(21)	BITSTRING	1	YUX42IF1	Input flag byte
		1... ..		YUX42J3W	"X'80" JES3's default action, if not overridden by IATUX42, will be to put the incoming file on the writer queue. If this bit is off, then JES3's default action will be to treat the incoming file as NETDATA and put it on the hold queue.
34	(22)	BITSTRING	2	YUX42RV1	Reserved for IBM
36	(24)	CHARACTER	8	YUX42ODS	Output destination
44	(2C)	SIGNED	4	YUX42RU1 (5)	Reserved for user
64	(40)	SIGNED	4	YUX42RV3 (4)	Reserved for IBM
64	(40)	X'50'	0	YUX42SIZ	**-"YUX42STR" Size of parameter list

IATYUX42 Cross Reference**Name**

YUX42CUR
YUX42DEL
YUX42HOQ
YUX42ID
YUX42IF1

YUX42INI
YUX42JDS
YUX42J3W
YUX42MSG
YUX42NOM

YUX42ODS
YUX42OFA
YUX42OF1
YUX42ORI
YUX42RU1

YUX42RV1
YUX42RV3
YUX42SIZ
YUX42STR
YUX42SYS

YUX42USR
YUX42VER
YUX42WTN
YUX42WTQ

IATYUX45 Information

IATYUX45 Programming Interface information

Programming Interface information

IATYUX45

End of Programming Interface information

Heading Information • IATYUX45 Cross Reference

IATYUX45 Heading Information

Common Name: IATUX45 Output Area Mapping
Macro ID: IATYUX45
DSECT Name: UX45STRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: UX45
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: N/A
 Auxiliary Storage: N/A
Size: UX45USZE
Created by: N/A
Pointed to by: WTRFUX45 in IATYWTR
Serialization: None
Function: IATYUX45 defines the format of the input parameter list used in user exit IATUX45.
 The mapping area this DSECT maps is actually contained within IATYWTR.

IATYUX45 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	UX45STRT	, IATUX45 Input Parm List Map
0	(0)	CHARACTER	4	UX45ID	Control Block Id
4	(4)	SIGNED	2	UX45LVL	Level indicator
4	(4)	X'2'	0	UX45LVCR	"UX45LV02" Current Level indicator 0002
		.... ..1		UX45LV01	"X'0001" Base Level 0002
		.... ..1.		UX45LV02	"X'0002" HJS6603 Level 0002
6	(6)	SIGNED	2	UX45RSS1	Reserved for service
8	(8)	ADDRESS	4	UX45JMRA	Pointer to JMR for UX45 or 0 if JMR is navail
12	(C)	ADDRESS	4	UX45OSEV	Pointer to OSE variable 0002 entry for UX45 0002
16	(10)	ADDRESS	4	UX45OSED	Pointer to OSE data set 0002 entry for UX45 0002
20	(14)	SIGNED	4	UX45RSD1	Reserved for Development
24	(18)	SIGNED	4	UX45RSU1	Reserved for User
28	(1C)	CHARACTER	3	UX45RSU2	Reserved for Development
31	(1F)	CHARACTER	5	UX45EID	Ending Eyecatcher
36	(24)	BITSTRING	1	UX45UEND (0)	End of IATUX45 Unit Entry
36	(24)	X'24'	0	UX45USZE	"UX45UEND-UX45STRT" Size of IATUX45 Unit Entry

IATYUX45 Cross Reference

Name

UX45EID
 UX45ID
 UX45JMRA
 UX45LVCR
 UX45LVL
 UX45LV01
 UX45LV02
 UX45OSED
 UX45OSEV
 UX45RSD1
 UX45RSS1
 UX45RSU1
 UX45RSU2
 UX45STRT
 UX45UEND
 UX45USZE

IATYUX57 Information

IATYUX57 Programming Interface information

Programming Interface information

IATYUX57

End of Programming Interface information

Heading Information • IATYUX57 Map

IATYUX57 Heading Information

Common Name: USER EXIT 57 PARAMETER LIST
Macro ID: IATYUX57
DSECT Name: IATYUX57
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: YUX57
 Offset: 0
 Length: 6
Storage Attributes: Main Storage: SUBPOOL 253
 Auxiliary Storage: N/A
Size: YUX57SIZ
Created by: IATSIWO
Pointed to by: N/A
Serialization: NONE
Function: This control block maps the parameter list used between IATSIWO and IATUX57.

IATYUX57 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYUX57	
0	(0)	CHARACTER	6	YUX57ID	EYE CATCHER
6	(6)	ADDRESS	2	YUX57VSN	VERSION LEVEL
6	(6)	X'1'	0	YUX57220	"1" VERSION LEVEL FOR HJS2220
6	(6)	X'1'	0	YUX57VID	"YUX57220" VERSION LEVEL VALUE
8	(8)	CHARACTER	130	YUX57TXT	MESSAGE TEXT
138	(8A)	BITSTRING	2	YUX57DC	DESCRIPTOR CODES
140	(8C)	BITSTRING	16	YUX57RCD	ROUTING CODES
156	(9C)	CHARACTER	8	YUX57KEY	KEY NAME
164	(A4)	BITSTRING	4	YUX57TOK	TOKEN VALUE #323
168	(A8)	CHARACTER	8	YUX57JOB	JOB NAME #323

Comment

 FLAG BYTES RESERVED FOR IBM AND FOR USER AS INDICATED

End of Comment

176	(B0)	BITSTRING	4	YUX57FLG (0)	FLAG AREA
176	(B0)	BITSTRING	2	YUX57RVD	RESERVED FOR DEVELOPMENT
178	(B2)	BITSTRING	1	YUX57RVS	RESERVED FOR SERVICE
179	(B3)	BITSTRING	1	YUX57RVU	RESERVED FOR USER
180	(B4)	SIGNED	4	YUX57SAV (18)	18 WORD SAVE AREA #173
252	(FC)	SIGNED	4	YUX57R1D	RESERVED FOR DEVELOPMENT
256	(100)	SIGNED	4	YUX57R1S	RESERVED FOR SERVICE
256	(100)	X'104'	0	YUX57END	***
256	(100)	X'104'	0	YUX57SIZ	"YUX57END-IATYUX57" SIZE OF CONTROL BLOCK

IATYUX57 Cross Reference**Name**

IATYUX57
YUX57DC
YUX57END
YUX57FLG
YUX57ID

YUX57JOB
YUX57KEY
YUX57RCD
YUX57RVD
YUX57RVS

YUX57RVU
YUX57R1D
YUX57R1S
YUX57SAV
YUX57SIZ

YUX57TOK
YUX57TXT
YUX57VID
YUX57VSN
YUX57220

IATYUX63 Information

IATYUX63 Programming Interface information

Programming Interface information

IATYUX63

End of Programming Interface information

Heading Information • IATYUX63 Map

IATYUX63 Heading Information

Common Name: User Exit 63 Parameter List
Macro ID: IATYUX63
DSECT Name: IATYUX63
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: YUX63
 Offset: 0
 Length: 6
Storage Attributes: Auxiliary Storage: N/A
 Subpool: 0 (JESPOOL)
 Key: 1 (JESKEY)
 Residency: ANY
Size: YUX63SIZ
Created by: IATINIT
Pointed to by: INTUX63P in IATYINT.
Serialization: None
Function: This control block maps the parameter list used between JES3 and user exit IATUX63.

IATYUX63 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYUX63	
0	(0)	CHARACTER	6	YUX63ID	Eye Catcher
6	(6)	ADDRESS	2	YUX63VSN	Version level
6	(6)	X'1'	0	YUX63511	"1" Version level for HJS5511
6	(6)	X'2'	0	YUX63750	"2" Version level for HJS7750
6	(6)	X'2'	0	YUX63VID	"YUX63750" Version level value

Comment

JES3 Provides YUX63ADR pointer and YUX63LNP size.

End of Comment

8	(8)	SIGNED	4	YUX63ADR	Pointer to string work area
12	(C)	SIGNED	2	YUX63LNP	Length of string area provided

Comment

User exit needs to provide YUX63LNR if a character string is being returned. Also, bit YUX63FPI below will need to be set as well.

End of Comment

14	(E)	SIGNED	2	YUX63LNR	Length of string area returned
----	-----	--------	---	----------	--------------------------------

Comment

JES3 Provides YUX63TVP, YUX63ITP, and all bits of YUX63FL1.

End of Comment

16	(10)	SIGNED	4	YUX63TVP	Pointer to IATYTVT
20	(14)	SIGNED	4	YUX63ITP	Pointer to IATYINT
24	(18)	BITSTRING	1	YUX63FL1	Flag byte - All values set by JES3
		1... ..		YUX63FGG	"X'80" User exit is running on global
		.1.. ..		YUX63FGL	"X'40" User exit is running on local
		..1.		YUX63FCS	"X'20" Cold start in progress
		...1		YUX63FWS	"X'10" Warm start in progress

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... 1...		YUX63FHS	"X'08" Hot start in progress
		.... .1..		YUX63CON	"X'04" Connect in progress

Comment					

User Provides all bit settings of YUX63FL2 upon return from IATYUX63. If bit YUX63FPI is set, then field YUX63LNR must also be set to a non-zero value by this user exit.					

End of Comment					
25	(19)	BITSTRING 1... ..	1	YUX63FL2	Flag byte - All bits set by UX63
				YUX63FPI	"X'80" User exit has returned info string
26	(1A)	BITSTRING	1	YUX63RV1	Reserved for development
27	(1B)	BITSTRING	1	YUX63RV2	Reserved for service
28	(1C)	SIGNED	4	YUX63RVU (4)	Reserved for user
44	(2C)	SIGNED	4	YUX63RVD (4)	Reserved for development
60	(3C)	SIGNED	4	YUX63RVS (4)	Reserved for service
60	(3C)	X'4C'	0	YUX63END	***
60	(3C)	X'4C'	0	YUX63SIZ	"YUX63END-IATYUX63" Size of control block

IATYUX63 Cross Reference

Name

- IATYUX63
- YUX63ADR
- YUX63CON
- YUX63END
- YUX63FCS
- YUX63FGG
- YUX63FGL
- YUX63FHS
- YUX63FL1
- YUX63FL2
- YUX63FPI
- YUX63FWS
- YUX63ID
- YUX63ITP
- YUX63LNP
- YUX63LNR
- YUX63RVD
- YUX63RVS
- YUX63RVU
- YUX63RV1
- YUX63RV2
- YUX63SIZ
- YUX63TVP
- YUX63VID
- YUX63VSN
- YUX63511
- YUX63750

IATYUX66 Information

IATYUX66 Programming Interface information

Programming Interface information

IATYUX66

End of Programming Interface information

Heading Information • IATYUX66 Map

IATYUX66 Heading Information

Common Name: USER EXIT 66 PARAMETER LIST
Macro ID: IATYUX66
DSECT Name: IATYUX66
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: YUX66
 Offset: 0
 Length: 6
Storage Attributes: Auxiliary Storage: N/A
 Subpool: 0
 Key: 1 (JESKEY)
 Residency: ANY
Size: YUX66SIZ
Created by: IATOSDR
Pointed to by: OSYUX66 IN IATYOSA
Serialization: NONE
Function: THIS CONTROL BLOCK MAPS THE PARAMETER LIST
 USED BETWEEN IATOSBP AND IATUX66.

IATYUX66 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYUX66	
0	(0)	CHARACTER	6	YUX66ID	EYE CATCHER
6	(6)	ADDRESS	2	YUX66VSN	VERSION LEVEL
6	(6)	X'1'	0	YUX66313	"1" VERSION LEVEL FOR HJS3313
6	(6)	X'1'	0	YUX66VID	"YUX66313" VERSION LEVEL VALUE
8	(8)	BITSTRING	8	YUX66JBN	JOB NAME
16	(10)	BITSTRING	8	YUX66JBI	JOB ID
24	(18)	BITSTRING	8	YUX66USI	USER ID
32	(20)	BITSTRING	8	YUX66SBL	SECURITY LABEL
40	(28)	BITSTRING	8	YUX66TPI	TRANSACTION PROGRAM ID
48	(30)	BITSTRING	8	YUX66JBD	REQUESTED DESTINATION
56	(38)	BITSTRING	8	YUX66RS1	RESERVED FOR USER
64	(40)	CHARACTER	8	YUX66JSI	Job id from the JSAB
72	(48)	BITSTRING	8	YUX66RS3	RESERVED FOR DEVELOPMENT
80	(50)	BITSTRING	1	YUX66JBP	JOB PRIORITY (USED AS THE XMISSION PRIORITY UNLESS ONE IS SUPPLIED BY THE USER EXIT)
81	(51)	BITSTRING	1	YUX66DSP	HIGHEST DATA SET PRIORITY IN THE SNA/NJE STREAM
82	(52)	BITSTRING	2	YUX66DSN	NUMBER OF DATA SETS IN THE TRANSMISSION STREAM
84	(54)	BITSTRING	4	YUX66LNC	XMISSION STREAM LINE COUNT
88	(58)	BITSTRING	4	YUX66PGC	XMISSION STREAM PAGE COUNT
92	(5C)	BITSTRING	4	YUX66RCC	XMISSION STREAM RECORD COUNT
96	(60)	BITSTRING	4	YUX66BYC	Xmission stream 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
100	(64)	BITSTRING	4	YUX66RS4	RESERVED FOR USER
104	(68)	BITSTRING	4	YUX66RS5	RESERVED FOR SERVICE
108	(6C)	BITSTRING	4	YUX66RS6	RESERVED FOR DEVELOPMENT

Comment

 FLAG BYTE YUX66FL1

End of Comment

112	(70)	BITSTRING	1	YUX66FL1	FLAG BYTE
		1... ..		YUX66SPN	"X'80" STREAM HAS SPINOFF DATASET
		.1.. ..		YUX66JBS	"X'40" STREAM IS A JOB STREAM 0146
		..1.		YUX66SYS	"X'20" STREAM IS A SYSOUT STREAM 0146
		...1		YUX66APC	"X'10" STREAM IS APPC GENERATED 0454

Offsets		Type/Value 1...	Len	Name (Dim) YUX66JSB	Description
Dec	Hex				
					"X'08" Job id is from a JSAB
Comment					

YUX66XMP IS SET BY THE USER IN IATUX66. ON RETURN TO IATOSBP, IT'S CONTENTS WILL BE USED TO SET THE TRANSMISSION PRIORITY OF THE BDT STREAM.					

End of Comment					
113	(71)	BITSTRING	1	YUX66XMP	TRANSMISSION PRIORITY (USER SET)
113	(71)	X'72'	0	YUX66END	***
113	(71)	X'72'	0	YUX66SIZ	"YUX66END-IATYUX66" SIZE OF CONTROL BLOCK

IATYUX66 Cross Reference

Name

- IATYUX66
- YUX66APC
- YUX66BYC
- YUX66DSN
- YUX66DSP
- YUX66END
- YUX66FL1
- YUX66ID
- YUX66JBD
- YUX66JBI
- YUX66JBN
- YUX66JBP
- YUX66JBS
- YUX66JSB
- YUX66JSI
- YUX66LNC
- YUX66PGC
- YUX66RCC
- YUX66RS1
- YUX66RS3
- YUX66RS4
- YUX66RS5
- YUX66RS6
- YUX66SBL
- YUX66SIZ
- YUX66SPN
- YUX66SYS
- YUX66TPI
- YUX66USI
- YUX66VID
- YUX66VSN
- YUX66XMP
- YUX66313

IATYUX67 Information

IATYUX67 Programming Interface information

Programming Interface information

IATYUX67

End of Programming Interface information

Heading Information • IATYUX67 Map

IATYUX67 Heading Information

Common Name: User Exit 67 Parameter List
Macro ID: IATYUX67
DSECT Name: IATYUX67
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: YUX67
 Offset: 0
 Length: 6
Storage Attributes: Main Storage: JES3 private area
 Auxiliary Storage: N/A
Size: YUX67SIZ
Created by: IATNTSF, as part of the NJESF data
 CSECT (IATNTFD)
 IATNTRS, as part of the NJEROUT data
 CSECT (IATNTRD)
Pointed to by: N/A
Serialization: None
Function: Maps the parameter list used as the interface
 between JES3 and IATUX67.

IATYUX67 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYUX67	
0	(0)	CHARACTER	6	YUX67ID	Eye Catcher
6	(6)	ADDRESS	2	YUX67VSN	Version level
6	(6)	X'1'	0	YUX67313	"1" Version level for HJS3313
6	(6)	X'1'	0	YUX67VID	"YUX67313" Current version level
Comment					
----- IATUX67 parameter list. -----					
End of Comment					
8	(8)	ADDRESS	4	YUX67UTK	Address of the user security token (UTOKEN)
12	(C)	ADDRESS	4	YUX67RTK	Address of the resource security token (RTOKEN) NOTE ---> The area pointed to by this field may be changed by the exit if a new security token needs to be supplied for the SYSOUT (or the pointer itself can be changed to point to a new token)
16	(10)	CHARACTER	8	YUX67NOD	Node name part of the JESSPOOL entity name
24	(18)	CHARACTER	8	YUX67USR	Userid part of the JESSPOOL entity name NOTE ---> This field may be changed by the exit if the userid part of the entity name needs to be changed
32	(20)	CHARACTER	8	YUX67JNM	Job name part of the JESSPOOL entity name
40	(28)	CHARACTER	8	YUX67JID	Jobid part of the JESSPOOL entity name
48	(30)	CHARACTER	8	YUX67DNO	Dsnumber part of the JESSPOOL entity name
56	(38)	CHARACTER	8	YUX67DNM	Dsname part of the JESSPOOL entity name NOTE ---> This field may be changed by the exit if the dsname part of the entity name needs to be changed
64	(40)	ADDRESS	4	YUX67NDH	Address of the NJE data set header
68	(44)	ADDRESS	4	YUX67RS1 (4)	Reserved for development
84	(54)	ADDRESS	4	YUX67RS2 (4)	Reserved for service
100	(64)	ADDRESS	4	YUX67RS3 (8)	Reserved for user
Comment					
----- Return code values. -----					
End of Comment					
100	(64)	X'0'	0	YUX67R00	"0" Return code 0 - purge the SYSOUT data set

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
100	(64)	X'4'	0	YUX67R04	"4" Return code 4 - hold the SYSOUT data set for TSO
100	(64)	X'8'	0	YUX67R08	"8" Return code 8 - process the SYSOUT data set normally
100	(64)	X'C'	0	YUX67R12	"12" Return code 12 - reserved (treated like RC 16)
100	(64)	X'10'	0	YUX67R16	"16" Return code 16 - dummy the exit and purge the SYSOUT data set

 Comment

 YUX67MAX must be equated to the highest return code value.

 End of Comment

100	(64)	X'10'	0	YUX67MAX	"YUX67R16" Maximum return code value
-----	------	-------	---	----------	--------------------------------------

 Comment

 End of IATYUX67 parameter list.

 End of Comment

132	(84)	SIGNED	4	YUX67END (0)	End of parameter list
132	(84)	X'84'	0	YUX67SIZ	"YUX67END-IATYUX67" Size of parameter list

IATYUX67 Cross Reference

Name

- IATYUX67
- YUX67DNM
- YUX67DNO
- YUX67END
- YUX67ID
- YUX67JID
- YUX67JNM
- YUX67MAX
- YUX67NDH
- YUX67NOD
- YUX67RS1
- YUX67RS2
- YUX67RS3
- YUX67RTK
- YUX67R00
- YUX67R04
- YUX67R08
- YUX67R12
- YUX67R16
- YUX67SIZ
- YUX67USR
- YUX67UTK
- YUX67VID
- YUX67VSN
- YUX67313

IATYUX69 Information

IATYUX69 Programming Interface information

Programming Interface information

IATYUX69

End of Programming Interface information

Heading Information • IATYUX69 Map

IATYUX69 Heading Information

Common Name: Exit 69 parameter list.
Macro ID: IATYUX69
DSECT Name: YUX69STR
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: YUX69
 Offset: 0
 Length: 6
Storage Attributes: Main Storage: User's address space, subpool 253
 Auxiliary Storage: n/a
 Key: 0
 Residency: Any
Size: YUX69SIZ
Created by: IATSIWO
Pointed to by: n/a
Serialization: None
Function: Maps the parameter list passed to exit 69.

IATYUX69 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	YUX69STR	
0	(0)	CHARACTER	6	YUX69ID	Control block identifier
6	(6)	ADDRESS	2	YUX69VER	Version level
6	(6)	X'1'	0	YUX69521	"1" SP521 version indicator
6	(6)	X'1'	0	YUX69CUR	"YUX69521" Current version
8	(8)	ADDRESS	4	YUX69TXP	Pointer to message text
12	(C)	SIGNED	2	YUX69TXL	Length of the message text
14	(E)	SIGNED	2	YUX69RSV	Reserved
16	(10)	ADDRESS	4	YUX69SVT	JES3 SSVT address
20	(14)	SIGNED	4	YUX69SEQ	WTO sequence number (the DOM or connect ID of the message)
24	(18)	SIGNED	4	YUX69WRK (5)	Exit work area. This is a general purpose work area for use by the exit routine(s). For example, if multiple exit routines exist for the exit, this area can be used to pass information from one routine to another.
44	(2C)	SIGNED	4	YUX69RSD (2)	Reserved for development
52	(34)	SIGNED	4	YUX69RSU (2)	Reserved for user
60	(3C)	SIGNED	4	YUX69RSS (2)	Reserved for service
68	(44)	CHARACTER	8	YUX69JBD	JOBID of the WTO/WTOR issuer
76	(4C)	CHARACTER	8	YUX69JBN	Jobname of the WTO/WTOR issuer
84	(54)	CHARACTER	8	YUX69SYS	System name. The name of the system from which the exit is being called.
92	(5C)	CHARACTER	8	YUX69KEY	WTO retrieval key. This is the KEY= parameter from the WTO.
100	(64)	BITSTRING	1	YUX69TYP	Message type indicator

Comment

 Definition of YUX69TYP. Bit settings correspond to T35FLAG1 and YUX70TYP.

End of Comment

1... ..	YUX69SIN	"X'80" Single line message
.1..	YUX69MAJ	"X'40" Major line of a multi-line message
..1.	YUX69TOR	"X'20" Message is a WTOR
...1	YUX69CMD	"X'10" Message is a command
.... 1...	YUX69REP	"X'08" Message is a WTOR reply

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

Definition of exit return codes.					

End of Comment					
100	(64)	X'0'	0	YUX69R00	"0" Return code 0. This return code indicates no further processing is needed for the message.
100	(64)	X'4'	0	YUX69R04	"4" Return code 4. This return code indicates the message should be sent to the JES3 global address space for further processing by user exit 70.
104	(68)	SIGNED	4	YUX69END (0)	End of parm list
104	(68)	X'68'	0	YUX69SIZ	**"YUX69STR" Size of parameter list

IATYUX69 Cross Reference

Name

- YUX69CMD
- YUX69CUR
- YUX69END
- YUX69ID
- YUX69JBD
- YUX69JBN
- YUX69KEY
- YUX69MAJ
- YUX69REP
- YUX69RSD
- YUX69RSS
- YUX69RSU
- YUX69RSV
- YUX69R00
- YUX69R04
- YUX69SEQ
- YUX69SIN
- YUX69SIZ
- YUX69STR
- YUX69SVT
- YUX69SYS
- YUX69TOR
- YUX69TXL
- YUX69TXP
- YUX69TYP
- YUX69VER
- YUX69WRK
- YUX69521

IATYUX70 Information

IATYUX70 Programming Interface information

Programming Interface information

IATYUX70

End of Programming Interface information

Heading Information • IATYUX70 Map

IATYUX70 Heading Information

Common Name: Exit 70 parameter list.
Macro ID: IATYUX70
DSECT Name: YUX70STR
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: YUX70
 Offset: 0
 Length: 6
Storage Attributes: Main Storage: Subpool 0
 Auxiliary Storage: n/a
 Key: 1
 Residency: Any
Size: YUX70SIZ
Created by: IATCNSV
Pointed to by: n/a
Serialization: None
Function: Maps the parameter list passed to exit 70.

IATYUX70 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	YUX70STR	
0	(0)	CHARACTER	6	YUX70ID	Control block identifier
6	(6)	ADDRESS	2	YUX70VER	Version level
6	(6)	X'1'	0	YUX70521	"1" SP521 version indicator
6	(6)	X'1'	0	YUX70CUR	"YUX70521" Current version
8	(8)	ADDRESS	4	YUX70PTX	Pointer to primary message text. If the current message is a minor line of a multi-line message, this field contains the address of the original major line and YUX70STX contains the address of the current minor line. Otherwise (i.e. not a multi-line message) this field contains the address of the single line message text and YUX70STX is zero.
12	(C)	ADDRESS	4	YUX70STX	Pointer to secondary message text. When exit 70 is called for a minor line of a multi-line message, this field contains the address of the current minor line and YUX70PTX contains the address of the original major line.
16	(10)	SIGNED	2	YUX70PTL	Length of primary message text. This field contains the length of the text pointed to by YUX70PTX.
18	(12)	SIGNED	2	YUX70STL	Length of secondary message text. This field contains the length of the text pointed to by YUX70STX.
20	(14)	SIGNED	4	YUX70SEQ	WTO sequence number (the DOM or connect ID of the message).
24	(18)	ADDRESS	4	YUX70TVT	Address of JES3 TVT
28	(1C)	ADDRESS	4	YUX70FCT	Address of current FCT
32	(20)	SIGNED	4	YUX70WRK (5)	Exit work area. This is a general purpose work area for use by the exit routine(s). For example, if multiple exit routines exist for the exit, this area can be used to pass information from one routine to another.
52	(34)	SIGNED	4	YUX70RSD (2)	Reserved for development
60	(3C)	SIGNED	4	YUX70RSU (2)	Reserved for user
68	(44)	SIGNED	4	YUX70RSS (2)	Reserved for service
76	(4C)	CHARACTER	8	YUX70JBD	JOBID of the WTO/WTOR issuer
84	(54)	CHARACTER	8	YUX70JBN	Jobname of the WTO/WTOR issuer
92	(5C)	CHARACTER	8	YUX70SYS	Name of the system from which the message was originally issued.
100	(64)	CHARACTER	8	YUX70KEY	WTO retrieval key. This is the KEY= parameter from the WTO.
108	(6C)	BITSTRING	1	YUX70TYP	Message type indicator

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

Definition of YUX70TYP. Bit settings correspond to T35FLAG1 and YUX69TYP.					

End of Comment					
		1...		YUX70SIN	"X'80" Single line message
		.1..		YUX70MAJ	"X'40" Major line of a multi-line message
		..1.		YUX70TOR	"X'20" Message is a WTOR
		...1		YUX70CMD	"X'10" Message is a command
		.... 1...		YUX70REP	"X'08" Message is a WTOR reply
		.... .1..		YUX70MIN	"X'04" Minor line of a multi-line message
109	(6D)	BITSTRING	1	YUX70MLW	Multi-line type flag. When YUX70MAJ or YUX70MIN is on, YUX70MLW indicates the line type of the current message.

Definition of YUX70MLW. Bit settings correspond to T35MLFLG.					

End of Comment					
		1...		YUX70CON	"X'80" Control line
		.1..		YUX70LBL	"X'40" Label line
		..1.		YUX70DAT	"X'20" Data line
		...1		YUX70END	"X'10" End line
109	(6D)	X'6E'	0	YUX70SIZ	** -YUX70STR" Size of parameter list

IATYUX70 Cross Reference

Name

- YUX70CMD
- YUX70CON
- YUX70CUR
- YUX70DAT
- YUX70END
- YUX70FCT
- YUX70ID
- YUX70JBD
- YUX70JBN
- YUX70KEY
- YUX70LBL
- YUX70MAJ
- YUX70MIN
- YUX70MLW
- YUX70PTL
- YUX70PTX
- YUX70REP
- YUX70RSD
- YUX70RSS
- YUX70RSU
- YUX70SEQ
- YUX70SIN
- YUX70SIZ
- YUX70STL
- YUX70STR

IATYUX70 Cross Reference

Name

YUX70STX
YUX70SYS
YUX70TOR
YUX70TVT
YUX70TYP
YUX70VER
YUX70WRK
YUX70521

IATYUX72 Information

IATYUX72 Programming Interface information

Programming Interface information

IATYUX72

End of Programming Interface information

Heading Information • IATYUX72 Map

IATYUX72 Heading Information

Common Name: User exit 72 parameter list.
Macro ID: IATYUX72
DSECT Name: YUX72STR
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: YUX72
 Offset: 0
 Length: 6
Storage Attributes: Main Storage: Subpool 0
 Auxiliary Storage: n/a
 Key: 1 (JES KEY)
 Residency: Any
Size: YUX72SIZ
Created by: IATMOOI, IATOSDO, IATOSPC, IATOSSO
Pointed to by: Register 1 on entry to IATUX72
Serialization: None
Function: Maps the parameter list passed to exit 72.

IATYUX72 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	YUX72STR	
0	(0)	CHARACTER	6	YUX72ID	Control block identifier
6	(6)	ADDRESS	2	YUX72VER	Version level
6	(6)	X'1'	0	YUX72INI	"1" Init (OW32807) version indicator
6	(6)	X'2'	0	YUX72V2	"2" SSI 70 version number
6	(6)	X'2'	0	YUX72CUR	"YUX72V2" Current version
8	(8)	ADDRESS	4	YUX72RQA	RSQ address
12	(C)	ADDRESS	4	YUX72JDS	Address of JDS entry for sysout data set being modified. May be zero if JDS entry is not being used by the function performing the modify.
16	(10)	ADDRESS	4	YUX72OSV	Address of OSE variable section
20	(14)	ADDRESS	4	YUX72OSD	Address of OSE data set section. May be zero if more than one data set is being modified.

Comment

The following four fields hold addresses of data areas used by the callers of IATUX72. Only one of the addresses will be filled in with a non-zero value. The identity of the caller determines which address will be filled in.

End of Comment

24	(18)	ADDRESS	4	YUX72MOS	Address of IATMOOS/MOOI Data Area (IATYMOOS) if the caller is MODOSFCT
28	(1C)	ADDRESS	4	YUX72WSP	Address of Writer Selection Parameter Area (IATYWSP) if the caller is PSODSP
32	(20)	ADDRESS	4	YUX72SDW	Address of SAPI DSP Work Area (IATYSDW) if the caller is SAPI DSP
36	(24)	ADDRESS	4	YUX72OSA	Address of Output Service Data Area (IATYOSA) if the caller is OUTSERV
40	(28)	ADDRESS	4	YUX72SMW	Address of SWB Merge/Modify Work Area (IATYSMW) if the caller is SJFFCT
44	(2C)	BITSTRING	1	YUX72FL1	Flag byte

Comment

Definition of bits in YUX72FL1

End of Comment

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		1...		YUX72MOD	"X'80" MODOSFCT (operator modify) is the caller (module IATMOOI)
		.1..		YUX72PSO	"X'40" PSODSP (process sysout) is the caller (module IATOSPC)
		..1.		YUX72SAP	"X'20" SAPIDSP (sysout application programming interface) is the caller (module IATOSSO)
		...1		YUX72OUS	"X'10" OUTSERV (output service driver) is the caller (module IATOSDO)
		.... 1...		YUX72SJF	"X'08" SJFFCT driver (SSI 70) is the caller (module IATGR70)
		.... .1..		YUX72104	"X'04" Reserved for IBM
		.... ..1.		YUX72102	"X'02" Reserved for IBM
		.... ...1		YUX72101	"X'01" Reserved for IBM
45	(2D)	BITSTRING	3	YUX72RS1	Reserved for IBM
48	(30)	SIGNED	4	YUX72RS2 (3)	Reserved for IBM
60	(3C)	SIGNED	4	YUX72RU1 (8)	Reserved for User
60	(3C)	X'5C'	0	YUX72SIZ	** -YUX72STR" Size of parameter list

IATYUX72 Cross Reference

Name

YUX72CUR
YUX72FL1
YUX72ID
YUX72INI
YUX72JDS

YUX72MOD
YUX72MOS
YUX72OSA
YUX72OSD
YUX72OSV

YUX72OUS
YUX72PSO
YUX72RQA
YUX72RS1
YUX72RS2

YUX72RU1
YUX72SAP
YUX72SDW
YUX72SIZ
YUX72SJF

YUX72SMW
YUX72STR
YUX72VER
YUX72V2
YUX72WSP

YUX72101
YUX72102
YUX72104

IATYVIO Information

IATYVIO Heading Information

Common Name: Job Validation I/O Element
Macro ID: IATYVIO
DSECT Name: VIOSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: VIO
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 0
Size: VIOSIZE bytes
Created by: IATDMVIO
Pointed to by: VIONEXT in IATYVIO
 VIOPREV in IATYVIO
 VIOIONXT in IATYVIO
 VIWVIOAD in IATYVIW
 VIWVIORF in IATYVIW
 VIWVIORL in IATYVIW
 VIWVIOWF in IATYVIW
 VIWVIOWL in IATYVIW
Serialization: NONE
Function: This macro maps the data that is used to represent an I/O request for a control block during the job validation phase of initialization.

IATYVIO Map

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
0	(0)	STRUCTURE	0	VIOSTART	, Job Validation I/O Element	
0	(0)	CHARACTER	4	VIOID	Control Block Id	
4	(4)	ADDRESS	4	VIONEXT	Address of the next VIO element	
8	(8)	ADDRESS	4	VIOPREV	Address of the previous VIO element	
Comment						
Input information set when the caller issues an IATXVIO ADD_READ request.						
End of Comment						
12	(C)	CHARACTER	8	VIOJOBNM	Job name (for debugging)	
20	(14)	CHARACTER	8	VIOJOBID	Job id (for debugging)	
28	(1C)	ADDRESS	4	VIOFCT	Address of the FCT which created this element	
32	(20)	BITSTRING	1	VIOFDB	Spool record's FDB	
32	(20)	X'20'	0	VIOSPADR	"VIOFDB+(FDBSPADR-FDBSTART),L'FDBSPADR" Spool address portion of the FDB. Used as a search argument	
32	(20)	X'20'	0	VIOSPMOD	"VIOFDB+(FDBSPMOD-FDBSTART),L'FDBSPMOD" Spool module (extent) portion of the FDB	
60	(3C)	BITSTRING	12	VIOROOT	Spool address of control block that contains this spool record	
72	(48)	CHARACTER	64	VIODESC	Description of spool record	
136	(88)	CHARACTER	4	VIOCBID	Control block id	
Comment						
I/O Initiation Related Information.						
End of Comment						
140	(8C)	ADDRESS	4	VIOIONXT	Address of the next VIO element that needs I/O to be initiated in this IATXVIO INITIATE call	

IATYVIO Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
144	(90)	SIGNED	4	VIORIOSQ	Read I/O initiation sequence number assigned to to this element
148	(94)	SIGNED	4	VIOWIOSQ	Write I/O initiation sequence number assigned to to this element

Comment

 Work FDB. This FDB is used to initiate the read and I/O requests for the spool record. Neither the caller's FDB not the VIO copy of the caller's FDB (VIOFDB) is modified.

End of Comment

152	(98)	BITSTRING	28	VIOWKFDB	Work FDB
180	(B4)	ADDRESS	4	VIODMCAD	DMC address of JSAM buffer obtained for this request
184	(B8)	ADDRESS	4	VIOECFAD	I/O completion ECF address
188	(BC)	BITSTRING	1	VIOECFMK	I/O completion ECF mask

Comment

Time Stamps of Important Events.

End of Comment

192	(C0)	DBL WORD	8	VIOARDTM	The time that the IATXVIO ADD_READ request was issued
200	(C8)	DBL WORD	8	VIORDITM	The time that the read I/O was initiated for this spool record
208	(D0)	DBL WORD	8	VIORCMTM	The time when the read I/O was determined to be complete for this spool record
216	(D8)	DBL WORD	8	VIOAWTTM	The time that the IATXVIO ADD_WRITE request was issued
224	(E0)	DBL WORD	8	VIOWTITM	The time that the write I/O was initiated for this spool record
232	(E8)	DBL WORD	8	VIOWCMTM	The time when the write I/O was determined to be complete for this spool record
240	(F0)	DBL WORD	8	VIODELTM	The time when an IATXVIO DELETE request was issued for this element

Comment

General Flags.

End of Comment

248	(F8)	BITSTRING	0	VIOFLAGS (0)	All VIO flags
248	(F8)	BITSTRING	1	VIOFLAG1	General purpose flag one

Comment

 Definition of VIOFLAG1.

End of Comment

1... ..	VIOTATRQ	"X'80" The spool record associated with this VIO element is a job or data set TAT. This is set when TAT=YES is specified for an IATXVIO ADD_READ request.
.1..	VIOINGET	"X'40" IATXVIO INITIATE request was issued by the IATXVIO GET service
..1.	VIOINWTC	"X'20" IATXVIO INITIATE request was issued by the IATXVIO WRITE_CHECK service
...1	VIODELET	"X'10" An IATXVIO DELETE request was issued for this VIO element

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... 1...		VIOGTDEL	"X'08" IATXVIO GET request was issued by the IATXVIO DELETE service
		.... .1..		VIOWCDEL	"X'04" IATXVIO WRITE_CHECK request was issued by the IATXVIO DELETE service
		.... ..1.		VIOMRFRQ	"X'02" The spool record associated 09611S2C with this VIO element is 09611S2A a multi-record file. 09611S2A This is set when MRF=YES 09611S2A is specified for an 09611S2A IATXVIO ADD_READ request. 09611S2A 09611S2A
249	(F9)	.... ...1 BITSTRING	1	VIOFL101 VIOFLAG2	"X'01" Reserved flag General purpose flag two

Comment

Definition of VIOFLAG2.

End of Comment

1...	VIOFL280	"X'80" Reserved flag
.1..	VIOFL240	"X'40" Reserved flag
..1.	VIOFL220	"X'20" Reserved flag
...1	VIOFL210	"X'10" Reserved flag
.... 1...	VIOFL208	"X'08" Reserved flag
.... .1..	VIOFL204	"X'04" Reserved flag
.... ..1.	VIOFL202	"X'02" Reserved flag
.... ...1	VIOFL201	"X'01" Reserved flag

Comment

Read Status Flags.

End of Comment

250	(FA)	BITSTRING	2	VIORFLGS (0)	Read status flags
250	(FA)	BITSTRING	1	VIORFLG1	Read status flag one

Comment

Definition of VIORFLG1.

End of Comment

1...	VIOREDRQ	"X'80" A read request (IATXVIO ADD_READ) was issued for this spool record.
.1..	VIOFDBIV	"X'40" The FDB for the specified spool record is invalid. Set when an IATXVFDB error occurs.
..1.	VIONAVAL	"X'20" The spool data set for the specified spool record is not available. Set when IATXVFDB returns indicating that the spool data set is not available.
...1	VIOSURSI	"X'10" An IATXSIO request was issued for this spool record and it was successful.
.... 1...	VIOUNRSI	"X'08" An IATXSIO request was issued for this spool record and it was unsuccessful.
.... .1..	VIOSURDC	"X'04" The read I/O for this spool record has completed and was successful. This is set when, for example, an IATXVIO GET request is issued for the record, not when the I/O actually completes.
.... ..1.	VIOUNRDC	"X'02" The read I/O for this spool record has completed and was unsuccessful. This is set when, for example, an IATXVIO GET request is issued for the record, not when the I/O actually completes.
.... ...1	VIORIDIV	"X'01" The control block id in spool record doesn't match the one provided by the caller.

IATYVIO Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
250	(FA)	X'7E'	0	VIOPYRED	"VIOFDBIV+VIONAVAL+VIOSURSI+VIOUNRSI+VIOSURDC+VIOUNRDC" When any of these flags is set, read I/O initiation should be bypassed for this VIO element
251	(FB)	BITSTRING	1	VIORFLG2	Read status flag two

Comment					

Definition of VIORFLG2.					

End of Comment					
		1... ..		VIOMREAD	"X'80" This element is part of a multi-read request.
		.1... ..		VIOPGFIX	"X'40" The JSAM buffer that was obtained for this request has been page fixed.
		..1.		VIORF220	"X'20" Reserved flag
		...1		VIORF210	"X'10" Reserved flag
		.... 1...		VIORF208	"X'08" Reserved flag
		.... .1..		VIORF204	"X'04" Reserved flag
		.... ..1.		VIORF202	"X'02" Reserved flag
		.... ...1		VIORF201	"X'01" Reserved flag

Comment					

Write Status Flags.					

End of Comment					
252	(FC)	BITSTRING	2	VIOWFLGS (0)	Write status flags
252	(FC)	BITSTRING	1	VIOWFLG1	Write status flag one

Comment					

Definition of VIOWFLG1.					

End of Comment					
		1... ..		VIOWRTRQ	"X'80" A write request (IATXVIO ADD_WRITE) was issued for this spool record.
		.1... ..		VIOWIDIV	"X'40" The control block id in spool record doesn't match the one provided by the caller.
		..1.		VIOSUAWT	"X'20" An asynchronous AWRITE request was issued for this spool record and it was successful.
		...1		VIOUNAWT	"X'10" An asynchronous AWRITE request was issued for this spool record and it was unsuccessful.
		.... 1...		VIOSUWTC	"X'08" The write I/O for this spool record has completed and was successful. This is set when, for example, an IATXVIO WRITE_CHECK request is issued for the record, not when the I/O actually completes.
		.... .1..		VIOUNWTC	"X'04" The I/O for this spool record has completed and was unsuccessful. This is set when, for example, an IATXVIO WRITE_CHECK request is issued for the record, not when the I/O actually completes.
		.... ..1.		VIOWF102	"X'02" Reserved flag
		.... ...1		VIOWF101	"X'01" Reserved flag
252	(FC)	X'7C'	0	VIOPYWRT	"VIOWIDIV+VIOSUAWT+VIOUNAWT+VIOSUWTC+VIOUNWTC" When any of these flags is set, write I/O initiation should be bypassed for this VIO element
253	(FD)	BITSTRING	1	VIOWFLG2	Write status flag two

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

Definition of VIOWFLG2.					

End of Comment					
		1... ..		VIOWF280	"X'80" Reserved flag
		.1.. ..		VIOWF240	"X'40" Reserved flag
		..1.		VIOWF220	"X'20" Reserved flag
		...1		VIOWF210	"X'10" Reserved flag
		.... 1..		VIOWF208	"X'08" Reserved flag
		.... .1..		VIOWF204	"X'04" Reserved flag
		.... ..1.		VIOWF202	"X'02" Reserved flag
		.... ...1		VIOWF201	"X'01" Reserved flag
Comment					
End of the VIO.					
End of Comment					
256	(100)	DBL WORD	8	VIOEND (0)	End of VIO element
256	(100)	X'100'	0	VIOSIZE	"VIOEND-VIOSTART" Size of VIO element
Comment					
Miscellaneous VIO Related Equates.					
End of Comment					
256	(100)	X'0'	0	VIOSPOOL	"0" Subpool for VIO elements
256	(100)	X'64'	0	VIOPRMCX	"100" Number of VIO elements in the primary extent
256	(100)	X'32'	0	VIOSECXC	"50" Number of VIO elements in the secondary extent

IATYVIO Cross Reference

Name

- VIOARDTM
- VIOAWTTM
- VIOBYRED
- VIOBYWRT
- VIOCBID
- VIODELET
- VIODELTM
- VIODESC
- VIODMCAD
- VIOECFAD
- VIOECFMK
- VIOEND
- VIOFCT
- VIOFDB
- VIOFDBIV
- VIOFLAGS
- VIOFLAG1
- VIOFLAG2
- VIOFL101
- VIOFL201
- VIOFL202
- VIOFL204
- VIOFL208
- VIOFL210
- VIOFL220

IATYVIO Cross Reference

Name

VIOFL240
VIOFL280
VIOGTDEL
VIOID
VIOINGET

VIOINWTC
VIOIONXT
VIOJOBID
VIOJOBNM
VIOMREAD

VIOMRFRQ
VIONAVAL
VIONEXT
VIOPGFIX
VIOPREV

VIOPRMXC
VIORCMTM
VIORDITM
VIOREDRQ
VIORFLGS

VIORFLG1
VIORFLG2
VIORF201
VIORF202
VIORF204

VIORF208
VIORF210
VIORF220
VIORIDIV
VIORIOSQ

VIOROOT
VIOSECXC
VIO SIZE
VIO SPADR
VIO SPMOD

VIO SPPOOL
VIO START
VIO SUAWT
VIO SURDC
VIO SURSI

VIO SUWTC
VIO TATRQ
VIO UNAWT
VIO UNRDC
VIO UNRSI

VIO UNWTC
VIO WCDEL
VIO WCMTM
VIO WFLGS
VIO WFLG1

VIO WFLG2
VIO WF101
VIO WF102
VIO WF201
VIO WF202

VIO WF204
VIO WF208
VIO WF210
VIO WF220
VIO WF240

Name

VIOWF280
VIOWIDIV
VIOWIOSQ
VIOWKFDB
VIOWRTRQ
VIOWTITM

IATYVITR Information

IATYVITR Heading Information

Common Name: Job Validation I/O Trace Entry
Macro ID: IATYVITR
DSECT Name: VITSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 0
Size: VITSIZE bytes
Created by: IATDMVIO
Pointed to by: VIWTRSTR in IATYVIW
 VIWTREND in IATYVIW
 VIWTRCUR in IATYVIW
Serialization: NONE
Function: This macro maps the trace information that is put into the Job Validation I/O trace table when a VIO element (IATYVIO) is deleted. This allows a user to determine what IATXVIO requests were performed by this FCT, even after the VIO element is deleted.
 Note: There is no need to trace information related to non-deleted VIO elements since the VIO element contains enough time stamps and other information to debug problems.

IATYVITR Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	VITSTART	, Job Validation I/O Trace Entry
0	(0)	CHARACTER	8	VITJOBNM	Job name
8	(8)	CHARACTER	8	VITJOBID	Job id
16	(10)	CHARACTER	64	VITDESC	Description of spool record
80	(50)	CHARACTER	4	VITCBID	Control block id
84	(54)	ADDRESS	4	VITVIOAD	VIO element address associated with this trace entry
88	(58)	BITSTRING	28	VITFDB	Spool record's FDB
116	(74)	BITSTRING	4	VITRSVD1	Reserved for development

Comment

Time Stamps of Important Events.

End of Comment

120	(78)	DBL WORD	8	VITARDTM	The time that the IATXVIO ADD_READ request was issued
128	(80)	DBL WORD	8	VITRDITM	The time that the read I/O was initiated for this spool record
136	(88)	DBL WORD	8	VITRCMTM	The time when the read I/O was determined to be complete for this spool record
144	(90)	DBL WORD	8	VITAWTTM	The time that the IATXVIO ADD_WRITE request was issued
152	(98)	DBL WORD	8	VITWTITM	The time that the write I/O was initiated for this spool record
160	(A0)	DBL WORD	8	VITWCMTM	The time when the write I/O was determined to be complete for this spool record
168	(A8)	DBL WORD	8	VITDELTM	The time when an IATXVIO DELETE request was issued for this element

IATYVITR Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
Flags. See IATYVIO for the flag definitions.					
End of Comment					
176	(B0)	BITSTRING	6	VITFLAGS	Flags
182	(B6)	BITSTRING	2	VITRSVD2	Reserved for development
Comment					
End of the VIT.					
End of Comment					
184	(B8)	DBL WORD	8	VITEND (0)	End of trace entry
184	(B8)	X'B8'	0	VITSIZE	"VITEND-VITSTART" Size of trace entry
Comment					
Miscellaneous Equates.					
End of Comment					
184	(B8)	X'1E'	0	VITCOUNT	"30" Number of entries in the trace table
184	(B8)	X'1590'	0	VITTOTSZ	"VITCOUNT*VITSIZE" Total size of the trace table

IATYVITR Cross Reference

Name

VITARDTM
 VITAWTTM
 VITCBID
 VITCOUNT
 VITDELTM
 VITDESC
 VITEND
 VITFDB
 VITFLAGS
 VITJOBID
 VITJOBNM
 VITRCMTM
 VITRDITM
 VITRSVD1
 VITRSVD2
 VITSIZE
 VITSTART
 VITTOTSZ
 VITVIOAD
 VITWCMTM
 VITWTITM

IATYVIW Information

IATYVIW Heading Information

Common Name: Job Validation I/O Work Area
Macro ID: IATYVIW
DSECT Name: VIWSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: VIW
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 0
Size: VIWSIZE bytes
Created by: IATDMVIO
Pointed to by: JVDVIWAD in IATYJVD
Serialization: NONE
Function: This macro maps the work area that is used by the Job Validation I/O services module, IATDMVIO.

IATYVIW Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	VIWSTART	, Job Validation I/O Work Area
0	(0)	CHARACTER	4	VIWID	Control Block Id
Comment					
Control Block Addresses.					
End of Comment					
4	(4)	ADDRESS	4	VIWFCTAD	Address of the FCT which created this VIW
8	(8)	ADDRESS	4	VIWVIOAD	Address of the VIO element chain for this FCT
Comment					
I/O Initiation Related Information.					
End of Comment					
12	(C)	SIGNED	4	VIWIOSEQ	Current I/O sequence number
16	(10)	DBL WORD	8	VIWINTTM	Time stamp when IATXVIO INITIATE request was processed
24	(18)	ADDRESS	4	VIWVIORF	Address of the first VIO element that needs a read I/O to be initiated
28	(1C)	ADDRESS	4	VIWVIORL	Address of the last VIO element that needs a read I/O to be initiated
32	(20)	ADDRESS	4	VIWVIOWF	Address of the first VIO element that needs a write I/O to be initiated
36	(24)	ADDRESS	4	VIWVIOWL	Address of the last VIO element that needs a write I/O to be initiated
40	(28)	SIGNED	4	VIWINTCT	Number of IATXVIO INITIATE requests that were issued where there was at least one buffer to process
44	(2C)	SIGNED	4	VIWBUFCT	Number of buffers processed
48	(30)	SIGNED	4	VIWSIOCT	Number of IATXSIO's issued
Comment					
Save Areas.					
End of Comment					
52	(34)	SIGNED	4	VIWSAVE1 (13)	Register save area for registers 2 through 14
104	(68)	SIGNED	4	VIWSIOSV (16)	Save area to save registers across IATXSIO macro

IATYVIW Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
<p>Trace Table Related Information. When a VIO element is deleted from the queue, this trace table is updated with information from the VIO element. This allows a user to determine what IATXVIO requests were performed by this FCT, even after the VIO element is deleted.</p> <p>Note: There is no need to trace information related to non-deleted VIO elements since the VIO element contains enough time stamps and other information to debug problems.</p>					
End of Comment					
168	(A8)	ADDRESS	4	VIWTRSTR	Trace table start address
172	(AC)	ADDRESS	4	VIWTREND	Trace table end address
176	(B0)	ADDRESS	4	VIWTRNXT	Address of next trace table entry to use
Comment					
Recovery Information.					
End of Comment					
180	(B4)	ADDRESS	4	VIWRTYAD	Retry address for JESTAE
184	(B8)	ADDRESS	4	VIWRBSAD	Retry base address
188	(BC)	ADDRESS	4	VIWERVIO	VIO element in error
Comment					
Parameter Lists.					

IATXVFDB Parameter List.					

IWXVFDB IATXVFDB MF=L IATXVFDB Parameter List					
\$S2= SDSB HJS7750 071018 PD0TN: z 1.10.0 09611S2A					
End of Comment					
192	(C0)	ADDRESS	4	VIWXVFDB	FDB ADDRESS
196	(C4)	ADDRESS	4		ADDRESS OF ROOT M.R
200	(C8)	ADDRESS	4		DESCRIPTION ADDRESS
204	(CC)	CHARACTER	4		SPOOL RECORD ID
204	(CC)	X'10'	0	VIWXVFSZ	** -VIWXVFDB" Size of parameter list
Comment					

Message Text (WTO parm list) for IATXVSRE Service.					

IWXVSRE WTO 'xx', X					
End of Comment					
208	(D0)	SIGNED	4	VIWXVSRE (0)	
208	(D0)	ADDRESS	2		TEXT LENGTH
210	(D2)	BITSTRING	2		MCSFLAGS
212	(D4)	CHARACTER	45		
220	(DC)	X'31'	0	VIWXVSSZ	** -VIWXVSRE" Size of parameter list
Comment					
Flags.					
End of Comment					
257	(101)	BITSTRING	1	VIWFLAG1	Flag one

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- Definition of VIWFLAG1. -----					
End of Comment					
		1...		VIWDELER	"X'80" An error occurred during this IATXVIO DELETE request
		.1..		VIWCLNER	"X'40" An error occurred during this IATXVIO CLEANUP request
		..1.		VIWFL220	"X'20" Reserved flag
		...1		VIWFL210	"X'10" Reserved flag
		.... 1..		VIWFL208	"X'08" Reserved flag
		.... .1..		VIWFL204	"X'04" Reserved flag
		.... ..1.		VIWFL202	"X'02" Reserved flag
		.... ...1		VIWFL201	"X'01" Reserved flag
Comment					
End of the VIW.					
End of Comment					
264	(108)	DBL WORD	8	VIWEND (0)	End of VIW element
264	(108)	X'108'	0	VIWSIZE	"VIWEND-VIWSTART" Size of VIW element

IATYVIW Cross Reference

Name

- VIWBUFCT
- VIWCLNER
- VIWDELER
- VIWEND
- VIWERVIO
- VIWFCTAD
- VIWFLAG1
- VIWFL201
- VIWFL202
- VIWFL204
- VIWFL208
- VIWFL210
- VIWFL220
- VIWID
- VIWINTCT
- VIWINTTM
- VIWIOSEQ
- VIWRBSAD
- VIWRTYAD
- VIWSAVE1
- VIWSIOCT
- VIWSIOSV
- VIWSIZE
- VIWSTART
- VIWTREND
- VIWTRNXT
- VIWTRSTR
- VIWVIOAD
- VIWVIORF
- VIWVIORL

IATYVIW Cross Reference

Name

VIWVIOWF
VIWVIOWL
VIWVFDDB
VIWVFSZ
VIWVSRE
VIWVSSZ

IATYVLM Information

IATYVLM Heading Information

Common Name: RESIDENT VOLUME ALLOCATION TABLE
Macro ID: IATYVLM
DSECT Name: VLMBUF, VLMENTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: JESPOOL
 Auxiliary Storage: N/A
Size: 88 Bytes
Created by: IATMDSB
Pointed to by: MDSVLCHN IN IATYMDS (ENTRY POINTERS)
 SYSVOLAD IN IATYSYS (DEVICE'S VOL ENTRY)
 VLMCHAIN IN IATYVLM (NEXT VOLUME ENTRY)
 MDSVLBUF IN IATYMDS (FIRST BUFFER)
 VLMBFNXT IN IATYVLM (NEXT BUFFER)
 VLMBFPRV IN IATYVLM (PREVIOUS BUFFER)
Serialization: VIA MDSVLM MACRO
Function: This data area contains the MDS SETVOL entry and job requirement status info for a particular volume.

IATYVLM Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	VLMBUF	
0	(0)	SIGNED	4	VLMBFNXT	POINTER TO NEXT VOLUME BUFF
4	(4)	SIGNED	4	VLMBFPRV	POINTER TO PREV VOLUME BUFF 122
8	(8)	SIGNED	2	VL MNFREE	NUMBER OF EMPTY SLOTS
10	(A)	SIGNED	2		
12	(C)	SIGNED	4		
16	(10)	SIGNED	4		
20	(14)	SIGNED	4	VLMBFEND (0)	END OF BUFFER HEADER
20	(14)	BITSTRING	1	VLMBFSIZ (0)	SIZE OF HEADER

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	VLMENTRY	
0	(0)	SIGNED	4	VLMCHAIN	POINTER TO NEXT VOLUME ENTRY
4	(4)	CHARACTER	6	VLM SER	VOLUME SERIAL NUMBER
12	(C)	SIGNED	4	VLMUSECT	Volume use count
16	(10)	SIGNED	4	VLMDSNPT (11)	SETDSN HASH TABLE
16	(10)	X'B'	0	VLMHSHCT	"11" NUMBER OF SETDSN HASH TABLE ENTRIES
60	(3C)	SIGNED	4		- RESERVED FOR SERVICE
64	(40)	SIGNED	4		- RESERVED FOR DEVELOPMENT
68	(44)	BITSTRING	1	VLMFL1	VLMFL1 FLAG BYTE 1
		1...		VLMALLOC	"X'80" VOLUME IS ALLOCATED
		.1..		VLMVFYPD	"X'40" VOLUME VERIFICATION PENDING
		..1.		VLMEXCL	"X'20" VOLUME USE IS EXCLUSIVE
		...1		VLMRSRV	"X'10" VOLUME IS RESERVED
		.... 1...		VLMRESHR	"X'08" RESERVER CAN SHARE VOLUME
		.... .1..		VLMACC	"X'04" ENTRY SHOWS PROCESSOR ACCESS
		.... ..1.		VLMDAUNV	"X'02" DASD VOLUME UNAVAILABLE
		.... ...1		VLMTAUNV	"X'01" TAPE VOLUME UNAVAILABLE
68	(44)	X'3'	0	VLMUNAV	"VLMDAUNV+VLMTAUNV" VOLUME IS UNAVAILABLE
68	(44)	X'87'	0	VLMBUSY	"VLMALLOC+VLMUNAV+VLMACC" VOLUME IS BUSY
69	(45)	BITSTRING	1	VLMFL2	VLMFL2 FLAG BYTE 2
		1...		VLMDAFET	"X'80" DA VOLUME HAS BEEN FETCHED
		.1..		VLMTAFET	"X'40" TAPE VOL HAS BEEN FETCHED
		..1.		VLM DA	"X'20" DIRECT ACCESS VOLUME
		...1		VLMREQ	"X'10" A JOB NEEDS THIS VOLUME
		.... 1...		VLMWTVFY	"X'08" A JOB IS WAITING FOR VERIFY

IATYVLM Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... .1..		VLMMSV	"X'04" MSS MASS STORAGE VOLUME
		.... ..1.		VLMSVXEX	"X'02" MSV SETVOL EXTENSION EXISTS
		.... ...1		VLMSCR	"X'01" SETVOL USED FOR SCRTCH
70	(46)	BITSTRING	1	VLMRSPY	PRTY OF JOB RESERVING VOLUME
71	(47)	BITSTRING	1	VLMFL3	VLMFL3 FLAG BYTE 3
		1...		VLMSCRAP	"X'80" SCRATCH ALLOCATION PENDING
		.1..		VLMJBMNT	"X'40" VOLUME MOUNTED TO JOB
		..1.		VLMMSDEL	"X'20" MSS VOLUME TO BE DELETED AFTER LAST USE COMPLETE
		...1		VLMUNFET	"X'10" START SETUP NOT YET DONE, SO FETCH NOT COMPLETE
		.... 1...		VLMDEALC	"X'08" EARLY DEALLOCATION DONE BY MSVC INTERFACE SUBRTN
		.... .1..		VLMDSMS	"X'04" DUMMY SMS SETVOL ENTRY USED
72	(48)	BITSTRING	1	VLMFL4	VLMFL4 FLAG BYTE 4 FOR DEVELOPMENT
74	(4A)	SIGNED	2	VLMSYSAL	SYSUNIT WHERE VOLUME ALLOC'D
76	(4C)	SIGNED	2	VLMSYSRS	SYSUNIT WHERE VOLUME RESIDES
76	(4C)	SIGNED	4	VLMPAT	PAT TABLE FOR MSV VOLUME
80	(50)	SIGNED	4	VLMJOBNO	Job number of single user
84	(54)	SIGNED	4	VLMALCNT	Number of allocated users
88	(58)	SIGNED	4	VLMSVX	MSV SETVOL EXTENSION ADDR
92	(5C)	SIGNED	4		RESERVED FOR IBM
96	(60)	SIGNED	4	VLMEND (0)	END OF VOLUME ENTRY
96	(60)	BITSTRING	1	VLMSIZE (0)	SIZE OF VOLUME ENTRY

IATYVLM Cross Reference

Name

VLMACC
 VLMALCNT
 VLMALLOC
 VLMBFEND
 VLMBFNXT
 VLMBFPRV
 VLMBFSIZ
 VLMBUF
 VLMBUSY
 VLMCHAIN
 VLMDA
 VLMDAFET
 VLMDAUNV
 VLMDEALC
 VLMDMSMS
 VLMDSNPT
 VLMEND
 VLMENTRY
 VLMEXCL
 VLMFL1
 VLMFL2
 VLMFL3
 VLMFL4
 VLMHSHCT
 VLMJBMNT
 VLMJOBNO
 VLMMSDEL
 VLMMSV
 VLMNFREE
 VLMPAT

Name

VLMREQ
VLMRESHR
VLMRSPTY
VLMRSRV
VLMSCR

VLMSCRAP
VLMSER
VLMSIZE
VLM SVX
VLM SVXEX

VLM SYSAL
VLM SYSRS
VLM TAFET
VLM TAUNV
VLM UNAV

VLM UNFET
VLM USECT
VLM VFYPD
VLM WTVFY

IATYVSR Information

IATYVSR Programming Interface information

Programming Interface information

IATYVSR

End of Programming Interface information

Heading Information • IATYVSR Cross Reference

IATYVSR Heading Information

Common Name: VS2-2 SCHEDULER CONTROL BLOCK RECORD FORMAT
Macro ID: IATYVSR
DSECT Name: VSRPRFXL
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: SUBPOOL 236
 Auxiliary Storage: JCBLOCK Dataset
Size: 16 Bytes
Created by: MVS CONVERTER INTERPRETER
Pointed to by: IDDSWBUF in IATYIDD
 IIWINPUT in IATYIIW
 Parameter List pointed
 to by QMPCL in IEFQMNGR
Serialization: NONE
Function: This macro maps the SWA Prefix.

IATYVSR Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	ZB502	
0	(0)	SIGNED	4	SWPRBN	RELATIVE BLOCK NUMBER
4	(4)	CHARACTER	1	SWPSTA	STATUS BYTE
		1...		SWPWRT	"X'80" INDICATES BLOCK WRITTEN
		.1.		SWPNSWA	"X'40" NOT SWA MANAGED (HAS NO SVA)
		..1.		SWPCPL1	"X'20" BLOCK IN SWA CELL POOL 1
		...1		SWPCPL2	"X'10" BLOCK IN SWA CELL POOL 2
		.... 1...		SWPCPL3	"X'08" BLOCK IN SWA CELL POOL 3
		.... .1..		SWPCPL4	"X'04" BLOCK IN SWA CELL POOL 4
5	(5)	CHARACTER	3	SWPVA	SVA OF BLOCK
8	(8)	CHARACTER	1	SWPID	BLOCK IDENTIFIER
9	(9)	CHARACTER	3	SWPLNGTH	BLOCK LENGTH (NOT INCLUDING PREFIX)
12	(C)	CHARACTER	4	SWPACRO	BLOCK ACRONYM

Comment

JES3 ONLY DEFINITION OF FIELDS WITHIN THE PREFIX
 USED TO REFER TO BLOCKS IN THE JCBLOCK DATA SET

End of Comment

12	(C)	..1. X'C'	0	VSRCONT VSRCHNXT	"X'20" - ON: THIS IS A CONTINUATION SWB RECORD "SWPACRO" ACRONYM FIELD USED TO HOLD NEXT SWB CHAIN PTR FOR SWB RECORDS
12	(C)	X'10'	0	VSRPRFXL	** -SWPRBN" PREFIX LENGTH

IATYVSR Cross Reference

Name

SWPACRO
 SWPCPL1
 SWPCPL2
 SWPCPL3
 SWPCPL4
 SWPID
 SWPLNGTH
 SWPNSWA
 SWPRBN
 SWPSTA
 SWPVA
 SWPWRT
 VSRCHNXT
 VSRCONT
 VSRPRFXL

Name

ZB502

IATYWBQS Information

IATYWBQS Heading Information

Common Name: Workload Manager Batch Queue Sampling Information
Macro ID: IATYWBQS
DSECT Name: WBQS_PREFIX WBQS_SYSPLEX_SC_ENTRY WBQS_SYSPLEX_RC_ENTRY WBQS_SYSTEM_SC_ENTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 0
Size: WBQS_PFXSIZE (for WBQS_PREFIX)
 WBQS_SYSPLEX_SC_SIZE (for WBQS_SYSPLEX_SC_ENTRY)
 WBQS_SYSPLEX_RC_SIZE (for WBQS_SYSPLEX_RC_ENTRY)
 WBQS_SYSTEM_SC_SIZE (for WBQS_SYSTEM_SC_ENTRY)
Created by: IATINWLM
Pointed to by: SRVC_CRSYSPLX in IATYSRVC (contained within)
 SRVC_PVSYSPLX in IATYSRVC (contained within)
 SRVC_CRSYSTEM in IATYSRVC (contained within)
 SRVC_PVSYSTEM in IATYSRVC (contained within)
 WLM_PVPLEXRC in IATYWLM
 WLM_CRPLEXRC in IATYWLM
Serialization: None
Function: This macro maps the data areas that are used to keep track of WLM batch queue sampling information in the JES3 global.
 The sampling information resides in two places:
 (1) The SYSPLEX and system specific service class information resides in the Service Class Table (IATYSRVC).
 (2) The report class information resides in the WLM data space.

IATYWBQS Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	WBQS_PREFIX	, Matrix Prefix
0	(0)	CHARACTER	24	WBQS_PFXID	Identifies the type of matrix that follows
24	(18)	SIGNED	4	WBQS_PFXLEN	The total length of the matrix that follows, not including the prefix
28	(1C)	SIGNED	4	WBQS_RSVD1	Reserved for development
32	(20)	DBL WORD	8	WBQS_PFXEND (0)	End of prefix
32	(20)	X'20'	0	WBQS_PFXSIZE	"*-WBQS_PREFIX" Size of prefix

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	WBQS_SYSPLEX_SC_ENTRY	, SYSPLEX/Service Class Entry
0	(0)	SIGNED	4	WBQS_SYSPLEX_SC_ELIG	Number of jobs that are eligible to execute somewhere in the SYSPLEX
4	(4)	SIGNED	4	WBQS_SYSPLEX_SC_INELIG	Number of jobs that are not eligible to execute anywhere in the SYSPLEX because of operator hold, resource delay etc.
8	(8)	SIGNED	4	WBQS_SYSPLEX_SC_LIMITED	Number of jobs that are not eligible to execute anywhere in the SYSPLEX because a limit has been reached
12	(C)	SIGNED	4	WBQS_SYSPLEX_SC_END (0)	End of entry
12	(C)	X'C'	0	WBQS_SYSPLEX_SC_SIZE	

IATYWBQS Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
					"*-WBQS_SYSPLEX_SC_ENTRY" Size of entry
Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	WBQS_SYSPLEX_RC_ENTRY	, SYSPLEX/Report Class Entry
0	(0)	BITSTRING	12	WBQS_SYSPLEX_RC_COUNTS (0)	Sampling counts
0	(0)	SIGNED	4	WBQS_SYSPLEX_RC_ELIG	Number of jobs that are eligible to execute somewhere in the SYSPLEX
4	(4)	SIGNED	4	WBQS_SYSPLEX_RC_INELIG	Number of jobs that are not eligible to execute anywhere in the SYSPLEX because of operator hold, resource delay etc.
8	(8)	SIGNED	4	WBQS_SYSPLEX_RC_LIMITED	Number of jobs that are not eligible to execute anywhere in the SYSPLEX because a limit has been reached
12	(C)	SIGNED	4	WBQS_SYSPLEX_RC_END (0)	End of entry
12	(C)	X'C'	0	WBQS_SYSPLEX_RC_SIZE	"*-WBQS_SYSPLEX_RC_ENTRY" Size of entry
Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	WBQS_SYSTEM_SC_ENTRY	, System/Service Class Entry
0	(0)	SIGNED	4	WBQS_SYSTEM_SC_ELIG	Number of jobs that are eligible to execute for this system
4	(4)	SIGNED	4	WBQS_SYSTEM_SC_INELIG	Number of jobs that are not eligible to execute on this system because of operator hold, resource delay etc.
8	(8)	SIGNED	4	WBQS_SYSTEM_SC_CONS	Number of jobs that are eligible to be initiated on constrained systems only.
12	(C)	SIGNED	4	WBQS_SYSTEM_SC_END (0)	End of entry
12	(C)	X'C'	0	WBQS_SYSTEM_SC_SIZE	"*-WBQS_SYSTEM_SC_ENTRY" Size of entry
Comment					
Equates.					
End of Comment					
12	(C)	X'FFF'	0	WBQS_MAX_RPTCLASS	"4095" Maximum number of report classes
12	(C)	X'BFF4'	0	WBQS_SYSPLEX_RC_MTXSIZE	"WBQS_MAX_RPTCLASS*WBQS_SYSPLEX_RC_SIZE" Size of SYSPLEX report class matrix without the matrix prefix

IATYWBQS Cross Reference**Name**

WBQS_MAX_RPTCLASS

WBQS_PFXEND

WBQS_PFXID

WBQS_PFXLEN

WBQS_PFXSIZE

WBQS_PREFIX

WBQS_RSVD1

WBQS_SYSPLEX_RC_COUNTS

WBQS_SYSPLEX_RC_ELIG

WBQS_SYSPLEX_RC_END

WBQS_SYSPLEX_RC_ENTRY

WBQS_SYSPLEX_RC_INELIG

WBQS_SYSPLEX_RC_LIMITED

WBQS_SYSPLEX_RC_MTXSIZE

WBQS_SYSPLEX_RC_SIZE

WBQS_SYSPLEX_SC_ELIG

WBQS_SYSPLEX_SC_END

WBQS_SYSPLEX_SC_ENTRY

WBQS_SYSPLEX_SC_INELIG

WBQS_SYSPLEX_SC_LIMITED

WBQS_SYSPLEX_SC_SIZE

WBQS_SYSTEM_SC_CONS

WBQS_SYSTEM_SC_ELIG

WBQS_SYSTEM_SC_END

WBQS_SYSTEM_SC_ENTRY

WBQS_SYSTEM_SC_INELIG

WBQS_SYSTEM_SC_SIZE

IATYWCD Information

IATYWCD Heading Information

Common Name: Workload Manager Communication Data
Macro ID: IATYWCD
DSECT Name: WLM Communication Data
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 0
Size: WCD_SUHSIZE bytes (DSECT WCD_SUHSTART)
 WCD_SUESIZE bytes (DSECT WCD_SUESTART)
Created by: Any module sending information to the
 WLM FCT.
Pointed to by: None
Serialization: None
Function: This macro maps the data in a staging area that is
 sent to the WLM FCT on the global or local
 processors.

IATYWCD Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	WCD_SUHSTART	, Service Class Update Header
0	(0)	SIGNED	4	WCD_SUVARCNT	Number of variable entries
4	(4)	SIGNED	2	WCD_SUHDRLEN	Length of this header
6	(6)	SIGNED	2	WCD_SUVARLEN	Length of each variable entry
8	(8)	BITSTRING	32	WCD_SUSRVDEF	WLM service definition id for this request
Comment					

 Definition of WCD_SUHFLAG1.

End of Comment					
40	(28)	BITSTRING 1... ..	1	WCD_SUHFLAG1	Flag one
				WCD_SUDEFPOL	"X'80" The service definition id represents the default WLM policy
41	(29)	BITSTRING	3	WCD_SUHRSD1	Reserved for IBM
44	(2C)	SIGNED	4	WCD_SUHEND (0)	End of header
44	(2C)	X'2C'	0	WCD_SUHSIZE	"WCD_SUHEND-WCD_SUHSTART" Size of header

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	WCD_SUESTART	, Service Class Update Entry
0	(0)	CHARACTER	8	WCD_SUJOBNAM	Job name
8	(8)	CHARACTER	8	WCD_SUJOBID	Job id
16	(10)	CHARACTER	8	WCD_SUSRVCLS	New service class name
24	(18)	SIGNED	4	WCD_SUWLMTKN	New WLM classification token
Comment					

 Definition of WCD_SUFLAG1

End of Comment					
28	(1C)	BITSTRING 1... ..	1	WCD_SUFLAG1	Flag one
				WCD_SUSRVSET	"X'80" Service class was set via a command or IWMRESET
29	(1D)	BITSTRING	3	WCD_SUERSVD1	Reserved for IBM

IATYWCD Cross Reference

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

The following information is present only when the version WCHVERS in IATYWCH is 2 or higher.					

End of Comment					
32	(20)	BITSTRING	4	WCD_SUWSRMTK	New WLM SRM token
36	(24)	SIGNED	4	WCD_SUEEND (0)	End of entry
36	(24)	X'24'	0	WCD_SUESIZE	"WCD_SUEEND-WCD_SUESTART" Size of entry

IATYWCD Cross Reference

Name

WCD_SUDEFPOL
 WCD_SUEEND
 WCD_SUERSVD1
 WCD_SUESIZE
 WCD_SUESTART
 WCD_SUFLAG1
 WCD_SUHDRLEN
 WCD_SUHEND
 WCD_SUHFLAG1
 WCD_SUHRSD1
 WCD_SUHSIZE
 WCD_SUHSTART
 WCD_SUJOBID
 WCD_SUJOBNAM
 WCD_SUSRVCLS
 WCD_SUSRVDEF
 WCD_SUSRVSET
 WCD_SUVARCNT
 WCD_SUVARLEN
 WCD_SUWLMTKN
 WCD_SUWSRMTK

IATYWCH Information

IATYWCH Heading Information

Common Name: Workload Manager Communication Header
Macro ID: IATYWCH
DSECT Name: WLM Communication Header
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: WCH
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 0
Size: WCHSIZE
Created by: Any module sending information to the WLM
 FCT or subtask.
Pointed to by: None
Serialization: None
Function: This macro maps the header information that precedes
 the data in any staging area sent to the WLM FCT, or
 any message sent to the WLM subtask.

IATYWCH Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	WCHSTART	, WLM Communication Header
0	(0)	SIGNED	2	WCHTOTLN	Total length of data that follows including the header
2	(2)	SIGNED	2	WCHHDLN	Length of this header
4	(4)	CHARACTER	4	WCHID	Control block id

Comment

 Definition of WCHVERS

End of Comment

8	(8)	BITSTRING	1	WCHVERS	Version number
8	(8)	X'1'	0	WCHVER1	"1" Version number 1
8	(8)	X'2'	0	WCHVER2	"2" Version number 2
8	(8)	X'2'	0	WCHCVER	"2" Current version

Comment

 Definition of WCHTYPE

End of Comment

9	(9)	BITSTRING	1	WCHTYPE	Type of information
9	(9)	X'1'	0	WCHSAMPD	"1" Sampling data (mapped by IATYWSTB)
9	(9)	X'2'	0	WCHSRVUP	"2" Service class update request (mapped by IATYWCD)
10	(A)	BITSTRING	18	WCHRSVD1	Reserved for IBM
28	(1C)	SIGNED	4	WCHEND (0)	End of header
28	(1C)	X'1C'	0	WCHSIZE	"WCHEND-WCHSTART" Size of header

IATYWCH Cross Reference

IATYWCH Cross Reference

Name

WCHCVER
WCHEND
WCHHDRLN
WCHID
WCHRSVD1
WCHSAMPD
WCHSIZE
WCHSRVUP
WCHSTART
WCHTOTLN
WCHTYPE
WCHVERS
WCHVER1
WCHVER2

IATYWCWA Information

IATYWCWA Heading Information

Common Name: Workload Manager Classification Work Area
Macro ID: IATYWCWA
DSECT Name: WCWASTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: WCWA
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 0
Size: WCWASIZE bytes
Created by: IATINWLM
Pointed to by: WLM_CLSFYWRK in IATYWLM
Serialization: None
Function: This macro maps the data that is used to classify a job using the IWMCLSFY service. This service is used to assign a service class and report class to a job.

IATYWCWA Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	WCWASTRT	, WLM Classification Work Area
0	(0)	CHARACTER	4	WCWAID	Control Block Id
4	(4)	SIGNED	4	WCWASAVE (18)	Save area
76	(4C)	ADDRESS	4	WCWRSVD1 (6)	Reserved for IBM

Comment

Control Block addresses. Note that these addresses have to be contiguous since LM is used on them.

End of Comment

100	(64)	ADDRESS	4	WCWRQAD	+++ RQ address
104	(68)	ADDRESS	4	WCWJQEAD	| JQE address
108	(6C)	ADDRESS	4	WCWJCTAD	| JCT address
112	(70)	ADDRESS	4	WCWJMRFD	+++ JMR FDB address

Comment

Information passed to IWMCLSFY. Most of the information is passed directly from the JCT or RQ.

 Input information.

End of Comment

116	(74)	CHARACTER	8	WCWJOBNM	Job name
124	(7C)	SIGNED	4	WCWPRTY	Priority
128	(80)	CHARACTER	8	WCWUSERI	User id
136	(88)	CHARACTER	8	WCWPERFM	Performance group
144	(90)	SIGNED	4	WCWACCTL	Accounting information length
148	(94)	BITSTRING	143	WCWACCT	Accounting information
291	(123)	CHARACTER	8	WCWOLDSC	Old service class name (for IWMBSET processing)
299	(12B)	CHARACTER	16	WCWSCHEN	Scheduling Environment

IATYWCWA Map

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

Output information.					

End of Comment					
315	(13B)	CHARACTER	8	WCWSRVCL	Service class name
324	(144)	SIGNED	4	WCWCLSTK	WLM classification token
328	(148)	BITSTRING	4	WCWSRMTK	WLM supplied SRM token
Comment					

Caller's input parameters.					
End of Comment					
332	(14C)	BITSTRING	8	WCWREGS (0)	Input registers zero/one
332	(14C)	BITSTRING	4	WCWREG0 (0)	Register zero option bytes
Comment					

Definition of WCWOPR01.					

End of Comment					
332	(14C)	BITSTRING	1	WCWOPT01	Register zero/option byte 1
		1... ..		WCWJOBNO	"X'80" JOBNO was specified
		.1.. ..		WCWJQE	"X'40" JQE was specified
		..1. ..		WCWJCT	"X'20" JCT was specified
		...1 ..		WCWRQ	"X'10" RQ was specified
		.... 1...		WCWVALYS	"X'08" VALIDATE_SRVCLASS=YES was specified
Comment					

Definition of WCWOPR02.					

End of Comment					
333	(14D)	BITSTRING	1	WCWOPT02	Register zero/option byte 2
Comment					

Definition of WCWOPR03.					

End of Comment					
334	(14E)	BITSTRING	1	WCWOPT03	Register zero/option byte 3
Comment					

Definition of WCWOPR04.					

End of Comment					
335	(14F)	BITSTRING	1	WCWOPT04	Register zero/option byte 4
336	(150)	SIGNED	4	WCWREG1	Parameter register 1

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

Definition of WCWFLAG1.					

End of Comment					
340	(154)	BITSTRING	1	WCWFLAG1	Flag one
		1...		WCWPREAL	"X'80" This WCWA is preallocated (i.e. storage was obtained during JES3 initialization)
		.1..		WCWRDJMR	"X'40" JMR was read
		..1.		WCWRDJCT	"X'20" JCT was read
		...1		WCWRCLRQ	"X'10" Reclassification in progress flag was set in the RQ
		.... 1..		WCWRDERR	"X'08" Error reading JCT/JMR
		.... .1..		WCWRF104	"X'04" Reserved flag
		.... ..1.		WCWRF102	"X'02" Reserved flag
		.... ...1		WCWRF101	"X'01" Reserved flag
Comment					

Definition of WCWERFLG.					

End of Comment					
341	(155)	BITSTRING	1	WCWERFLG	Error flag
		1...		WCWJCTER	"X'80" An IATXJCT error occurred
		.1..		WCWJQEER	"X'40" An IATXJQE error occurred
		..1.		WCWRER20	"X'20" Reserved flag
		...1		WCWRER10	"X'10" Reserved flag
		.... 1..		WCWRER08	"X'08" Reserved flag
		.... .1..		WCWRER04	"X'04" Reserved flag
		.... ..1.		WCWRER02	"X'02" Reserved flag
		.... ...1		WCWRER01	"X'01" Reserved flag
Comment					
ECF WAIT list					
End of Comment					
344	(158)	SIGNED	4	WCJRECF (2)	JESREAD ECF and mask
352	(160)	SIGNED	4	WCRDPSTA	ATIME ECF address
356	(164)	BITSTRING	1	(3)	Reserved
359	(167)	BITSTRING	1	WCRDPSMK	ATIME mask
360	(168)	SIGNED	4	WCECFLEN	ECF list terminator
364	(16C)	SIGNED	4	WCRDPSTF	ATIME ECF
		1...		WCRDTMOT	"X'80" ATIME ECF mask
Comment					
ATIME List form					
\$SL= z1.7.0 HJS7720 050107 PD0TN: z 1.7.0					
End of Comment					
368	(170)	SIGNED	4	(0)	ALIGNMENT
368	(170)	BITSTRING	4	WCRDATIM	ID
372	(174)	SIGNED	4		TIME OR TOD VALUE
376	(178)	ADDRESS	4		ECF OR ENTER ADDRESS
380	(17C)	ADDRESS	1		FLAG BYTE1
381	(17D)	ADDRESS	1		FLAG BYTE2
382	(17E)	ADDRESS	1		ECF MASK FOR POST REQUEST
383	(17F)	ADDRESS	1		Flag byte 3
384	(180)	ADDRESS	4		FCT ADDRESS

IATYWCWA Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
Parameter Lists.					
End of Comment					
392	(188)	DBL WORD	8	WCWAPMLS (0)	
Comment					
----- IWMCLSFY parameter list -----					
End of Comment					
Comment					
MACDATE -12/17/12-<8>					
End of Comment					
0	(0)	X'188'	0	M00M0003	"WCWACLSF" ++ IWMCLSFY NAME
392	(188)	DBL WORD	8	WCWACLSF (0)	++ IWMCLSFY PARM LIST
392	(188)	BITSTRING	1	WCWACLSF_XVERSION	++ INPUT XVERSION
393	(189)	BITSTRING	1	WCWACLSF_XOPTIONS	++ FIELD_LABEL
394	(18A)	BITSTRING	2	WCWACLSF_XPLISTLEN	++ INPUT
396	(18C)	BITSTRING	4	WCWACLSF_XSRMTOKEN	++
400	(190)	ADDRESS	4	WCWACLSF_XTRXNAME_ADDR	++ ADDR
404	(194)	ADDRESS	4	WCWACLSF_XUSERID_ADDR	++ ADDR
408	(198)	ADDRESS	4	WCWACLSF_XTRXCLASS_ADDR	++ ADDR
412	(19C)	ADDRESS	4	WCWACLSF_XSUBCOLN_ADDR	++ ADDR
416	(1A0)	ADDRESS	4	WCWACLSF_XSOURCELU_ADDR	++ ADDR
420	(1A4)	SIGNED	4	WCWACLSF_XSOURCELULEN	++ FIELD_LABEL
424	(1A8)	ADDRESS	4	WCWACLSF_XSCHEDENV_ADDR	++ ADDR
428	(1AC)	SIGNED	4	WCWACLSF_XSCHEDENV_LEN	++
432	(1B0)	BITSTRING	4	WCWACLSF_XSERVCLS	++
436	(1B4)	CHARACTER	8	WCWACLSF_XSRVCLSNM	++
444	(1BC)	CHARACTER	8	WCWACLSF_XRPTCLSNM	++
452	(1C4)	BITSTRING	4	WCWACLSF_XCONNTKN	++
456	(1C8)	ADDRESS	4	WCWACLSF_XSSN	++ FIELD_LABEL
460	(1CC)	CHARACTER	4	WCWACLSF_XRSVD0068	++ RESERVED
464	(1D0)	ADDRESS	4	WCWACLSF_XNETID_ADDR	++ ADDR
468	(1D4)	ADDRESS	4	WCWACLSF_XLUNAME_ADDR	++ ADDR
472	(1D8)	ADDRESS	4	WCWACLSF_XACCTINFO_ADDR	++ ADDR

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
476	(1DC)	SIGNED	4	WCWACLSF_XACCTINFL	
					++
480	(1E0)	ADDRESS	4	WCWACLSF_XSUBSYSPM_ADDR	
					++ ADDR
484	(1E4)	SIGNED	4	WCWACLSF_XSSPMLEN	
					++
488	(1E8)	ADDRESS	4	WCWACLSF_XCOLLECTION_ADDR	
					++ ADDR
492	(1EC)	SIGNED	4	WCWACLSF_XCOLLECTION_LEN	
					++
496	(1F0)	ADDRESS	4	WCWACLSF_XPLAN_ADDR	
					++ ADDR
500	(1F4)	ADDRESS	4	WCWACLSF_XPACKAGE_ADDR	
					++ ADDR
504	(1F8)	ADDRESS	4	WCWACLSF_XCORRELATION_ADDR	
					++ ADDR
508	(1FC)	SIGNED	4	WCWACLSF_XCORR_LEN	
					++
512	(200)	ADDRESS	4	WCWACLSF_XCONNECTION_ADDR	
					++ ADDR
516	(204)	ADDRESS	4	WCWACLSF_XPERFORM_ADDR	
					++ ADDR
520	(208)	ADDRESS	4	WCWACLSF_XPRCNAME_ADDR	
					++ ADDR
524	(20C)	SIGNED	4	WCWACLSF_XPRCNAME_LEN	
					++
528	(210)	ADDRESS	4	WCWACLSF_XPRIORITY_ADDR	
					++ ADDR
532	(214)	ADDRESS	4	WCWACLSF_XPROCESSNAME_ADDR	
					++ ADDR
536	(218)	SIGNED	4	WCWACLSF_XPROCESSNM_LEN	
					++
540	(21C)	ADDRESS	4	WCWACLSF_XTTRACETOKEN_ADDR	
					++ ADDR
544	(220)	ADDRESS	4	WCWACLSF_XEWLM_CORR_ADDR	
					++ ADDR
548	(224)	ADDRESS	4	WCWACLSF_XEWLM_CHCORR_ADDR	
					++ ADDR
552	(228)	ADDRESS	4	WCWACLSF_XEWLM_CHCTKN_ADDR	
					++ ADDR
556	(22C)	ADDRESS	4	WCWACLSF_XEWLM_OUTCORR_ADDR	
					++ ADDR
560	(230)	ADDRESS	4	WCWACLSF_XEWLM_CLTOKEN_ADDR	
					++ ADDR
560	(230)	X'AC'	0	WCWACLSFL	** -WCWACLSF" ++ LENGTH OF PLIST

Comment

IWMCLSFY-8

IWMBSET parameter list

End of Comment

Comment

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End of Comment

0	(0)	X'188'	0	M00M0006	"WCWABSET" ++ IWMBSET NAME
392	(188)	DBL WORD	8	WCWABSET (0)	++ IWMBSET PARM LIST
392	(188)	BITSTRING	1	WCWABSET_XVERSION	
					++ INPUT XVERSION
393	(189)	CHARACTER	1	WCWABSET_XRSV001	

IATYWCWA Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
					++ RESERVED XRSV001
394	(18A)	BITSTRING	2	WCWABSET_XPLISTLEN	
					++ INPUT XPLISTLEN
396	(18C)	BITSTRING	4	WCWABSET_XSERVCLS	
					++ XSERVCLS
400	(190)	CHARACTER	8	WCWABSET_XSRVCLSNM	
					++ XSRVCLSNM
408	(198)	CHARACTER	4	WCWABSET_XRSV002	
					++ RESERVED XRSV002
408	(198)	X'14'	0	WCWABSETL	**-'WCWABSET' ++ LENGTH OF PLIST

Comment

IWMBSET-0

IATXDELY parameter list

End of Comment

392	(188)	DBL WORD	8	WCWADELY (0)	IATXDELY Parameter List
392	(188)	ADDRESS	4		JQE address
396	(18C)	ADDRESS	4		RQ address
400	(190)	DBL WORD	8		Time stamp
408	(198)	ADDRESS	4		JCT address
412	(19C)	SIGNED	4	(2)	Reserved for IBM

Comment

Reset to end of parameter lists.

End of Comment

564	(234)	X'AC'	0	WCWPMSIZ	**-'WCWAPMLS' Size of parameter lists
-----	-------	-------	---	----------	---------------------------------------

Comment

End of the WCWA.

End of Comment

568	(238)	DBL WORD	8	WCWAEND (0)	End of WCWA
568	(238)	X'238'	0	WCWASIZE	"WCWAEND-WCWASTRT" Size of WCWA

IATYWCWA Cross Reference

Name

M00M0003
 M00M0006
 WCECFLEN
 WCJREFC
 WCRDATIM
 WCRDPSMK
 WCRDPSTA
 WCRDPSTF
 WCRDTMOT
 WCWABSET
 WCWABSET_XPLISTLEN
 WCWABSET_XRSV001
 WCWABSET_XRSV002

Name

WCWABSET_XSERVCLS

WCWABSET_XSRVCLSNM

WCWABSET_XVERSION

WCWABSETL

WCWACCT

WCWACCTL

WCWACLSF

WCWACLSF_XACCTINFL

WCWACLSF_XACCTINFO_ADDR

WCWACLSF_XCOLLECTION_ADDR

WCWACLSF_XCOLLECTION_LEN

WCWACLSF_XCONNECTION_ADDR

WCWACLSF_XCONNTKN

WCWACLSF_XCORR_LEN

WCWACLSF_XCORRELATION_ADDR

WCWACLSF_XEWLM_CHCORR_ADDR

WCWACLSF_XEWLM_CHCTKN_ADDR

WCWACLSF_XEWLM_CLTOKEN_ADDR

WCWACLSF_XEWLM_CORR_ADDR

WCWACLSF_XEWLM_OUTCORR_ADDR

WCWACLSF_XLUNAME_ADDR

WCWACLSF_XNETID_ADDR

WCWACLSF_XOPTIONS

WCWACLSF_XPACKAGE_ADDR

WCWACLSF_XPERFORM_ADDR

WCWACLSF_XPLAN_ADDR

WCWACLSF_XPLISTLEN

WCWACLSF_XPRCNAME_ADDR

WCWACLSF_XPRCNAME_LEN

WCWACLSF_XPRIORITY_ADDR

WCWACLSF_XPROCESSNAME_ADDR

WCWACLSF_XPROCESSNM_LEN

IATYWCWA Cross Reference

Name

WCWACLSF_XRPTCLSNM
WCWACLSF_XRSVD0068
WCWACLSF_XSCHEDENV_ADDR
WCWACLSF_XSCHEDENV_LEN
WCWACLSF_XSERVCLS
WCWACLSF_XSOURCELU_ADDR
WCWACLSF_XSOURCELULEN
WCWACLSF_XSRMTOKEN
WCWACLSF_XSRVCLSNM
WCWACLSF_XSSN
WCWACLSF_XSSPMLEN
WCWACLSF_XSUBCOLN_ADDR
WCWACLSF_XSUBSYSPM_ADDR
WCWACLSF_XTRXCLASS_ADDR
WCWACLSF_XTRXNAME_ADDR
WCWACLSF_XTTRACETOKEN_ADDR
WCWACLSF_XUSERID_ADDR
WCWACLSF_XVERSION
WCWACLSFL
WCWADELY
WCWAEND
WCWAID
WCWAPMLS
WCWASAVE
WCWASIZE
WCWASTRT
WCWCLSTK
WCWERFLG
WCWFLAG1
WCWJCT
WCWJCTAD
WCWJCTER
WCWJMRFD
WCWJOBNM
WCWJOBNO
WCWJQE
WCWJQEAD
WCWJQEER
WCWOLDSC
WCWOPT01
WCWOPT02

Name

WCWOPT03
WCWOPT04
WCWPERFM
WCWPMSIZ
WCWPREAL

WCWPRTY
WCWRCLRQ
WCWRDERR
WCWRDJCT
WCWRDJMR

WCWREGS
WCWREG0
WCWREG1
WCWRER01
WCWRER02

WCWRER04
WCWRER08
WCWRER10
WCWRER20
WCWRF101

WCWRF102
WCWRF104
WCWRQ
WCWRQAD
WCWRSVD1

WCWSCHEN
WCWSRMTK
WCWSRVCL
WCWUSERI
WCWVALYS

IATYWEV Information

IATYWEV Heading Information

Common Name: Workload Manager Event Control Block
Macro ID: IATYWEV
DSECT Name: WEVSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: WEV
 Offset: 4
 Length: 4
Storage Attributes: Main Storage: Any
 Subpool: 241
 Key: 1
Size: WEV_SCHAVL_SIZE bytes
 WEV_SCHUAV_SIZE bytes
 WEV_POLICY_SIZE bytes
 WEV_SYSAVL_SIZE bytes
 WEV_RSRVCL_SIZE bytes
 WEV_WLMGOL_SIZE bytes
Created by: IATMOVR
 IATMSEWL
 IATMSR2
Pointed to by: WEVNEXT in IATYWEV
 MPCMDWEV in IATYMP
 MPCGMWEV in IATYMP
 MPCWLWEV in IATYMP
Serialization: NONE
Function: This macro maps the information for a Workload Manager (WLM) event that has occurred.

IATYWEV Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	WEVSTART	, WLM Event Control Block
0	(0)	SIGNED	2	WEVTOTSZ	Total WEV size
2	(2)	SIGNED	2	WEVFXRS1	Reserved for dev/service
4	(4)	CHARACTER	4	WEVID	Control Block Id
8	(8)	ADDRESS	4	WEVNEXT	Address of the next WEV on the queue
12	(C)	CHARACTER	8	WEVSYSNM	System name associated with with the event
20	(14)	SIGNED	4	WEVFXRS2	Reserved for dev/service
24	(18)	DBL WORD	8	WEVTIME	Time stamp when the event occurred
Comment					

Definition of WEVVERSN.					

End of Comment					
32	(20)	BITSTRING	1	WEVVERSN	Version number
32	(20)	X'0'	0	WEVINTVR	"0" Initial version number
32	(20)	X'0'	0	WEVCURVR	"0" Current version number
Comment					

Definition of WEVTYPE.					

End of Comment					
33	(21)	BITSTRING	1	WEVTYPE	Event type
33	(21)	X'1'	0	WEV_TYPE_SCHAVL	"1" A scheduling environment is now available

IATYWEV Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
33	(21)	X'2'	0	WEV_TYPE_SCHUAV	"2" A scheduling environment is now unavailable
33	(21)	X'3'	0	WEV_TYPE_POLICY	"3" A WLM policy change occurred
33	(21)	X'4'	0	WEV_TYPE_SYSAVL	"4" A system became available (the system connected or was varied online)
33	(21)	X'5'	0	WEV_TYPE_RSRVCL	"5" A RESET jobname,SRVCLASS command was issued for a job
33	(21)	X'6'	0	WEV_TYPE_WLMGOL	"6" A MODIFY WLM,MODE=GOAL command was issued
33	(21)	X'7'	0	WEV_TYPE_SRVDEF	"7" A WLM service definition change occurred
33	(21)	X'8'	0	WEV_TYPE_DEFSCCL	"8" This is request to check a job's service class that was deferred from an earlier request because the job was not executing
33	(21)	X'F1'	0	WEVSPPOOL	"241" WEV storage subpool
34	(22)	BITSTRING	14	WEVFXRS3	Reserved for dev/service

Comment

End of fixed WEV.

End of Comment

48	(30)	DBL WORD	8	WEVFEND (0)	End of fixed WEV
48	(30)	X'30'	0	WEVFSIZE	"WEVFEND-WEVSTART" Size of fixed WEV

Comment

Scheduling Environment Available Specific Data.

End of Comment

48	(30)	DBL WORD	8	WEV_SCHAVL_START (0)	Start of specific data
48	(30)	CHARACTER	16	WEV_SCHAVL_NAME	Scheduling environment name
64	(40)	BITSTRING	32	WEV_SCHAVL_RSVD	Reserved for dev/service
96	(60)	DBL WORD	8	WEV_SCHAVL_END (0)	End of specific data
96	(60)	X'60'	0	WEV_SCHAVL_SIZE	"WEV_SCHAVL_END-WEVSTART" Total size of data

Comment

Scheduling Environment Unavailable Specific Data.

End of Comment

48	(30)	DBL WORD	8	WEV_SCHUAV_START (0)	Start of specific data
48	(30)	CHARACTER	16	WEV_SCHUAV_NAME	Scheduling environment name
64	(40)	BITSTRING	32	WEV_SCHUAV_RSVD	Reserved for dev/service
96	(60)	DBL WORD	8	WEV_SCHUAV_END (0)	End of specific data
96	(60)	X'60'	0	WEV_SCHUAV_SIZE	

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
"WEV_SCHUAV_END-WEVSTART" Total size of data					
Comment					
WLM Policy Change Specific Data.					
End of Comment					
48	(30)	DBL WORD	8	WEV_POLICY_START (0)	Start of specific data
48	(30)	BITSTRING	128	WEV_POLICY_RSVD	Reserved for dev/service
176	(B0)	DBL WORD	8	WEV_POLICY_END (0)	End of specific data
176	(B0)	X'B0'	0	WEV_POLICY_SIZE	"WEV_POLICY_END-WEVSTART" Total size of data
Comment					
System Available Specific Data.					
End of Comment					
48	(30)	DBL WORD	8	WEV_SYSAVL_START (0)	Start of specific data
48	(30)	BITSTRING	16	WEV_SYSAVL_RSVD	Reserved for dev/service
64	(40)	DBL WORD	8	WEV_SYSAVL_END (0)	End of specific data
64	(40)	X'40'	0	WEV_SYSAVL_SIZE	"WEV_SYSAVL_END-WEVSTART" Total size of data
Comment					
RESET jobname,SRVCLASS Specific Data					
End of Comment					
48	(30)	DBL WORD	8	WEV_RSRVCL_START (0)	Start of specific data
48	(30)	CHARACTER	8	WEV_RSRVCL_JOBNAME	Job name
56	(38)	CHARACTER	8	WEV_RSRVCL_JOBID	Job id
64	(40)	BITSTRING	8	WEV_RSRVCL_STOKEN	STOKEN of address space where job is executing
72	(48)	BITSTRING	16	WEV_RSRVCL_RSVD	Reserved for dev/service
88	(58)	DBL WORD	8	WEV_RSRVCL_END (0)	End of specific data
88	(58)	X'58'	0	WEV_RSRVCL_SIZE	"WEV_RSRVCL_END-WEVSTART" Total size of data
Comment					
MODIFY WLM,MODE=GOAL Specific Data					
End of Comment					
48	(30)	DBL WORD	8	WEV_WLMGOL_START (0)	Start of specific data
48	(30)	BITSTRING	16	WEV_WLMGOL_RSVD	

IATYWEV Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
64	(40)	DBL WORD	8	WEV_WLMGOL_END (0)	Reserved for dev/service
64	(40)	X'40'	0	WEV_WLMGOL_SIZE	End of specific data "WEV_WLMGOL_END-WEVSTART" Total size of data
Comment					
Service Definition Change Specific Data					
End of Comment					
48	(30)	DBL WORD	8	WEV_SRVDEF_START (0)	Start of specific data
48	(30)	BITSTRING	16	WEV_SRVDEF_RSVD	Reserved for dev/service
64	(40)	DBL WORD	8	WEV_SRVDEF_END (0)	End of specific data
64	(40)	X'40'	0	WEV_SRVDEF_SIZE	"WEV_SRVDEF_END-WEVSTART" Total size of data
Comment					
Deferred Service Class Check Specific Data					
End of Comment					
48	(30)	DBL WORD	8	WEV_DEFSCL_START (0)	Start of specific data
48	(30)	CHARACTER	8	WEV_DEFSCL_JOBNAME	Job name
56	(38)	CHARACTER	8	WEV_DEFSCL_JOBID	Job id
64	(40)	ADDRESS	4	WEV_DEFSCL_ASCB	ASCB of address space where job is executing
68	(44)	BITSTRING	16	WEV_DEFSCL_RSVD	Reserved for dev/service
88	(58)	DBL WORD	8	WEV_DEFSCL_END (0)	End of specific data
88	(58)	X'58'	0	WEV_DEFSCL_SIZE	"WEV_DEFSCL_END-WEVSTART" Total size of data
Comment					
End of WEV.					
End of Comment					
88	(58)	X'58'	0	WEVMAXSZ	"*-WEVSTART" Maximum size of a WEV

IATYWEV Cross Reference**Name**

WEV_DEFSCL_ASCB
WEV_DEFSCL_END
WEV_DEFSCL_JOBID
WEV_DEFSCL_JOBNAME
WEV_DEFSCL_RSVD
WEV_DEFSCL_SIZE
WEV_DEFSCL_START
WEV_POLICY_END
WEV_POLICY_RSVD
WEV_POLICY_SIZE
WEV_POLICY_START
WEV_RSRVCL_END
WEV_RSRVCL_JOBID
WEV_RSRVCL_JOBNAME
WEV_RSRVCL_RSVD
WEV_RSRVCL_SIZE
WEV_RSRVCL_START
WEV_RSRVCL_STOKEN
WEV_SCHAVL_END
WEV_SCHAVL_NAME
WEV_SCHAVL_RSVD
WEV_SCHAVL_SIZE
WEV_SCHAVL_START
WEV_SCHUAV_END
WEV_SCHUAV_NAME
WEV_SCHUAV_RSVD
WEV_SCHUAV_SIZE
WEV_SCHUAV_START

IATYWEV Cross Reference

Name

WEV_SRVDEF_END
WEV_SRVDEF_RSVD
WEV_SRVDEF_SIZE
WEV_SRVDEF_START
WEV_SYSAVL_END
WEV_SYSAVL_RSVD
WEV_SYSAVL_SIZE
WEV_SYSAVL_START
WEV_TYPE_DEFSCL
WEV_TYPE_POLICY
WEV_TYPE_RSRVCL
WEV_TYPE_SCHAVL
WEV_TYPE_SCHUAV
WEV_TYPE_SRVDEF
WEV_TYPE_SYSAVL
WEV_TYPE_WLMGOL
WEV_WLMGOL_END
WEV_WLMGOL_RSVD
WEV_WLMGOL_SIZE
WEV_WLMGOL_START

WEVCURVR
WEVFEND
WEVFSIZE
WEVFXRS1
WEVFXRS2
WEVFXRS3
WEVID
WEVINTVR
WEVMAXSZ
WEVNEXT
WEVSPool
WEVSTART
WEVSYSNM
WEVTIME
WEVTOTSZ
WEVTYPE
WEVVERSN

IATYWJS Information

IATYWJS Heading Information

Common Name: Workload Manager Job Sampling Element
Macro ID: IATYWJS
DSECT Name: WJS_GMSSTART WJS_MDSSTART WJS_MSWSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 0
Size: WJS_GMSSIZE bytes
 WJS_MDSSIZE bytes
 WJS_MSWSIZE bytes
Created by: IATWLFMS
Pointed to by: WLM_WJSGMS in IATYWLM
 WLM_WJSMDS in IATYWLM
 WLM_WJSMAINW in IATYWLM
Serialization: None
Function: This macro maps the sampling data that is provided by the WLM FCT to the WLM subtask in the WLM data space. It contains information about each job that is waiting to be scheduled for execution, and is used by the WLM subtask to provide sampling information to WLM.
 There are three kinds of WLM Job Sampling Elements:
 (1) GMS WLM Job Sampling Element - Created for jobs that are on the GMS select queue when sampling is performed.
 (2) MDS WLM Job Sampling Element - Created for jobs that are on one the MDS queues when sampling is performed.
 (3) Main Service Wait WLM Job Sampling Element - Created for jobs that are waiting to be scheduled for main service when sampling is performed.

IATYWJS Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	WJS_GMSSTART	, WLM Job Sampling Element
0	(0)	SIGNED	4	WJS_GMSJOBNO	Job number for debugging 2
4	(4)	ADDRESS	4	WJS_GMSNEXT	Address of next element
8	(8)	SIGNED	4	WJS_GMSMAINS	Main eligibility mask from RQMAINS
12	(C)	SIGNED	4	WJS_GMSSCHMM	Scheduling environment main mask from RQSCHEMM
16	(10)	CHARACTER	8	WJS_GMSSRVCL	Service class name from from RQSRVCLS
24	(18)	SIGNED	4	WJS_GMSWLMTK	WLM Classification token from RQWLMCTK
28	(1C)	SIGNED	2	WJS_GMSSPNDX	Spool partition index from RQSPNDX or zero
30	(1E)	BITSTRING	1	WJS_GMSGRPSQ	Group sequence number from RQGRPSEQ
31	(1F)	BITSTRING	1	WJS_GMSCLSSQ	Class sequence number from RQJCLASS

Comment

 Definition of WJS_GMSFLG1.

End of Comment

32	(20)	BITSTRING	1	WJS_GMSFLG1	Flag one
		1... ..		WJS_GMSHOLD	"X'80" Job is in some type of hold status
		.1.. ..		WJS_GMSHASSE	"X'40" The job has a scheduling environment (the scheduling environment main mask can be used)
33	(21)	BITSTRING	1	WJS_GMSBYPAS	Bypass code (defined in IATYRQJS) if sampling determines that the job is not eligible to run

IATYWJS Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
34	(22)	BITSTRING	6	WJS_GMSRSVD1	Reserved for development
40	(28)	DBL WORD	8	WJS_GMSEND (0)	End of element
40	(28)	X'28'	0	WJS_GMSSIZE	"WJS_GMSEND-WJS_GMSSTART" Size of element

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	WJS_MDSSTART	, WLM Job Sampling Element
0	(0)	SIGNED	4	WJS_MDSJOBNO	Job number for debugging 2
4	(4)	ADDRESS	4	WJS_MDSNEXT	Address of next element
8	(8)	SIGNED	4	WJS_MDSMAINS	Main eligibility mask from RQMAINS
12	(C)	CHARACTER	8	WJS_MDSSRVCL	Service class name from from RQSRVCLS
20	(14)	SIGNED	4	WJS_MDSWLMTK	WLM Classification token from RQWLMCTK
24	(18)	BITSTRING	1	WJS_MDSINDEX	RQINDEX value
25	(19)	BITSTRING	1	WJS_MDSGRPSQ	Group sequence number from RQGRPSEQ
26	(1A)	BITSTRING	6	WJS_MDSRSVD1	Reserved for development
32	(20)	DBL WORD	8	WJS_MDSEND (0)	End of element
32	(20)	X'20'	0	WJS_MDSSIZE	"WJS_MDSEND-WJS_MDSSTART" Size of element

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	WJS_MSWSSTART	, WLM Job Sampling Element
0	(0)	SIGNED	4	WJS_MSWSJOBNO	Job number for debugging 2
4	(4)	ADDRESS	4	WJS_MSWSNEXT	Address of next element
8	(8)	SIGNED	4	WJS_MSWSMAINS	Main eligibility mask from JQEX_MAINMASK
12	(C)	CHARACTER	8	WJS_MSWSRVCL	Service class name from from JQEX_SRVCLASS
20	(14)	SIGNED	4	WJS_MSWSWLMTK	WLM Classification token from JQEX_WLMTOKEN
24	(18)	BITSTRING	1	WJS_MSWSQFLGS	JSS wait queue that the job is on from JQEQLGS
25	(19)	BITSTRING	1	WJS_MSWSGRPSQ	Group sequence number from JQEGRP
26	(1A)	BITSTRING	6	WJS_MSWSRVD1	Reserved for development
32	(20)	DBL WORD	8	WJS_MSSEND (0)	End of element
32	(20)	X'20'	0	WJS_MSWSIZE	"WJS_MSSEND-WJS_MSWSSTART" Size of element

IATYWJS Cross Reference

Name

WJS_GMSBYPAS
 WJS_GMSCLSSQ
 WJS_GMSEND
 WJS_GMSFLG1
 WJS_GMSGRRPSQ
 WJS_GMSHASSE
 WJS_GMSHOLD
 WJS_GMSJOBNO
 WJS_GMSMAINS
 WJS_GMSNEXT
 WJS_GMSRSVD1
 WJS_GMSSCHMM
 WJS_GMSSIZE
 WJS_GMSSPNDX
 WJS_GMSSRVCL
 WJS_GMSSTART
 WJS_GMSWLMTK
 WJS_MDSEND
 WJS_MDSGRPSQ
 WJS_MDSINDEX
 WJS_MDSJOBNO
 WJS_MDSMAINS
 WJS_MDSNEXT
 WJS_MDSRSVD1
 WJS_MDSSIZE

Name

WJS_MDSSRVCL
WJS_MDSSTART
WJS_MDSWLMTK
WJS_MSWEND
WJS_MSWGRPSQ

WJS_MSWJOBNO
WJS_MSWMAINS
WJS_MSWNEXT
WJS_MSWQFLGS
WJS_MSWRSVD1

WJS_MSWSIZE
WJS_MSWSRVCL
WJS_MSWSTART
WJS_MSWWLMTK

IATYWLM Information

IATYWLM Heading Information

Common Name: Workload Manager (WLM) Data Area
Macro ID: IATYWLM
DSECT Name: WLM_START
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: WLM
 Offset: 0
 Length: 4
Storage Attributes: Main Storage: Any
 Subpool: 0
 Key: 0
Size: WLM_SIZE bytes
Created by: IATINWLM
Pointed to by: TVTXWLM in IATYVTX
Serialization: None
Function: This macro maps the data that is used by JES3 to perform WLM related functions such as classifying jobs, processing WLM events, providing sampling data to WLM.

IATYWLM Map

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
0	(0)	STRUCTURE	0	WLM_START	, Workload Manager Data Area	
0	(0)	CHARACTER	4	WLM_ID	Control Block Id	
Comment						
General WLM Related Information.						
End of Comment						
4	(4)	BITSTRING	32	WLM_SRVDEFID	WLM service definition id	
36	(24)	BITSTRING	32	WLM_SRVDEFWK	Service definition id work area	
68	(44)	SIGNED	4	WLM_CONNTOKN	WLM connection token	
72	(48)	CHARACTER	32	WLM_APPLENV	Application Environment (APPLENV) that batch jobs belong to	
104	(68)	SIGNED	2	WLM_SYSCNT	Number of systems in the JESPLEX	
106	(6A)	BITSTRING	6	WLM_RSVD	Reserved for IBM	
112	(70)	DBL WORD	8	WLM_LASTBQRY	Time stamp when the WLM subtask last set the WLM_BQRYREQ flag to initiate IWMBQRY processing.	
120	(78)	BITSTRING	36	WLM_RSVD1	Reserved for IBM	
Comment						
Module and Routine Addresses.						
End of Comment						
156	(9C)	ADDRESS	4	WLM_IATWLCSM	Module IATWLCSM address (WLM subtask common sampling services)	
160	(A0)	ADDRESS	4	WLM_CSMmtxIN	Address of sampling matrix initialization routine in module IATWLCSM	
164	(A4)	ADDRESS	4	WLM_CSMBRIP	Address of IWMBRIP processing routine in module IATWLCSM	
168	(A8)	ADDRESS	4	WLM_CSMGTFTR	Address of sampling GTF trace routine in module IATWLCSM	
172	(AC)	ADDRESS	4	WLM_IATWLDRG	Module IATWLDRG address (WLM deregistration processing)	
176	(B0)	ADDRESS	4	WLM_DRGSCAN	Address of deregistration scan routine in module IATWLDRG	
180	(B4)	ADDRESS	4	WLM_IATWLDRV	Module IATWLDRV address (WLM FCT driver)	
184	(B8)	ADDRESS	4	WLM_IATWLEVT	Module IATWLEVT address (WLM event processing)	

IATYWLM Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
188	(BC)	ADDRESS	4	WLM_EVTROUTR	Address of WLM event router routine in module IATWLEVT
192	(C0)	ADDRESS	4	WLM_IATWLFJR	Module IATWLFJR address (WLM FCT JESTAE retry routine)
196	(C4)	ADDRESS	4	WLM_FJRRETRY	Address of JESTAE retry routine in module IATWLFJR
200	(C8)	ADDRESS	4	WLM_IATWLFSM	Module IATWLFSM address (WLM FCT sampling services)
204	(CC)	ADDRESS	4	WLM_FSMCOLCT	Address of sampling data collection routine in module IATWLFSM
208	(D0)	ADDRESS	4	WLM_IATWLGSM	Module IATWLGSM address (WLM global subtask sampling services)
212	(D4)	ADDRESS	4	WLM_GSMANLYZ	Address of sampling data analysis routine in module IATWLGSM
216	(D8)	ADDRESS	4	WLM_GSMTIMER	Address of sampling timer exit routine in module IATWLGSM
220	(DC)	ADDRESS	4	WLM_IATWLJCK	Module IATWLJCK address (WLM JCT delay checkpointing)
224	(E0)	ADDRESS	4	WLM_JCKSTART	Address of JCT delay checkpointing start routine in module IATWLJCK
228	(E4)	ADDRESS	4	WLM_IATWLLSM	Module IATWLLSM address (WLM local subtask sampling services)
232	(E8)	ADDRESS	4	WLM_LSMSAMPL	Address of sampling routine in module IATWLLSM
236	(EC)	ADDRESS	4	WLM_LSMPOSTX	Address of mailbox post exit routine in module IATWLLSM
240	(F0)	ADDRESS	4	WLM_IATWLRCL	Module IATWLRCL address (WLM reclassification processing)
244	(F4)	ADDRESS	4	WLM_RCLPOST	Address of reclassification post processing routine in module IATWLLSM
248	(F8)	ADDRESS	4	WLM_RCLPOLCH	Address of reclassification policy change processing routine in module IATWLRCL
252	(FC)	ADDRESS	4	WLM_IATWLSRR	Module IATWLSRR address (WLM subtask recovery)
256	(100)	ADDRESS	4	WLM_IATWLSTA	Module IATWLSTA address (WLM staging area processor)
260	(104)	ADDRESS	4	WLM_STAROUTR	Address of staging area router routine in module IATWLSTA
264	(108)	ADDRESS	4	WLM_IATWLSTK	Module IATWLSTK address (WLM subtask)

Comment

Control Block Addresses and counts.

End of Comment

268	(10C)	ADDRESS	4	WLM_SRVCFRST	Address of first Service Class Table (SRVC)
272	(110)	ADDRESS	4	WLM_SRVCLAST	Address of last Service Class Table (SRVC)
276	(114)	SIGNED	4	WLM_SRVCCNT	Number of Service Class Tables
280	(118)	ADDRESS	4	WLM_CLSFYWRK	Address of preallocated WLM Classification Work Area (WCWA)
284	(11C)	ADDRESS	4	WLM_TASKTCB	WLM subtask TCB address
288	(120)	ADDRESS	4	WLM_TVT	TVT address
292	(124)	ADDRESS	4	WLM_SELF	Pointer to WLM itself

Comment

WLM Subtask Information.

ECB List used by the WLM subtask.

End of Comment

296	(128)	SIGNED	4	WLM_ECBLIST (0)	ECB List Used for WAIT
296	(128)	ADDRESS	4	WLM_ECBAADD1	ECB address 1
300	(12C)	ADDRESS	4	WLM_ECBAADD2	ECB address 2
304	(130)	ADDRESS	4	WLM_ECBAADD3	ECB address 3

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

ECBs used by the WLM subtask.					

End of Comment					
308	(134)	SIGNED	4	WLM_SAMPECB	Sampling ECB
312	(138)	SIGNED	4	WLM_TIMEECB	Timer ECB - posted when a specified time elapses.
316	(13C)	SIGNED	4	WLM_COMMECB	Communication ECB - posted when mail is sent by the global to the WLM subtask on the local
320	(140)	SIGNED	4	WLM_LOCKECB	Lock ECB - posted when the sampling lock is released
324	(144)	SIGNED	4	WLM_DUMPECB	Dump ECB - used during recovery processing and posted when a dump completes
Comment					

GTF trace information.					

End of Comment					
328	(148)	ADDRESS	4	WLM_GTFBUFAD	GTF trace buffer address
332	(14C)	SIGNED	4	WLM_GTFBUFSZ	GTF trace buffer size
Comment					

SDUMPX data space storage list. This information is used to dump the WLM data space when the WLM subtask's recovery routine gets control.					

End of Comment					
336	(150)	SIGNED	4	WLM_STORLIST (0)	SDUMPX Storage List
336	(150)	SIGNED	4	WLM_SLTOTLEN	Length of entire list
340	(154)	BITSTRING	8	WLM_SLSTOKEN	Message data space STOKEN
348	(15C)	SIGNED	4	WLM_SLRANGCT	Number of storage ranges to be dumped
352	(160)	ADDRESS	4	WLM_SLRANGST	Starting address of storage to be dumped
356	(164)	ADDRESS	4	WLM_SLRANGEN	Ending address of storage to be dumped
356	(164)	X'18'	0	WLM_SLLEN	**"WLM_STORLIST" Length of storage list
Comment					

Sampling Information.					

Batch Queue Sampling (BQS) Data Areas for the current system (mapped by IRABQS).					

End of Comment					
360	(168)	ADDRESS	4	WLM_BQSHDR	Address of Batch Queue Samples header
364	(16C)	ADDRESS	4	WLM_BQSSC	Service class matrix
368	(170)	ADDRESS	4	WLM_BQSRC	Report class matrix
Comment					

Sampling transport buffer information used when sending the sampling data to a JES3 local.					

End of Comment					
372	(174)	ADDRESS	4	WLM_WSTBADDR	WLM sampling transport buffer address

IATYWLM Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
376	(178)	SIGNED	4	WLM_WSTBSIZE	WLM sampling transport buffer size
380	(17C)	ADDRESS	4	WLM_WSTBSRVC	Address of service class in the WLM sampling buffer
Comment					

Data space attributes.					

End of Comment					
384	(180)	SIGNED	4	WLM_DSPALET	Data space ALET
388	(184)	BITSTRING	8	WLM_DSPSTOKN	Data space STOKEN
396	(18C)	SIGNED	4	WLM_DSPORIGN	Data space origin
400	(190)	SIGNED	4	WLM_DSPEND	Data ending address
Comment					

Pointers to report class matrices within the WLM data space.					

End of Comment					
404	(194)	ADDRESS	4	WLM_PVPLEXRC	Address of report class matrix that contains SYSPLEX wide information for the previous sampling interval
408	(198)	ADDRESS	4	WLM_CRPLEXRC	Address of report class matrix that contains SYSPLEX wide information for the current sampling interval
412	(19C)	SIGNED	4	WLM_RSVD2 (32)	Reserved for IBM
Comment					

High service and report class indices for the previous and current sampling intervals. This is used to determine whether the sampling information changed without having to compare the previous and current information.					

End of Comment					
540	(21C)	SIGNED	4	WLM_PVHIGHSC	High service class index during the previous sampling interval
544	(220)	SIGNED	4	WLM_CRHIGHSC	High service class index during the current sampling interval
548	(224)	SIGNED	4	WLM_PVHIGHRC	High report class index during the previous sampling interval
552	(228)	SIGNED	4	WLM_CRHIGHRC	High report class index during the current sampling interval
Comment					

Free space pointer that is used for allocating the remaining storage in the data space during sampling processing.					

End of Comment					
556	(22C)	ADDRESS	4	WLM_DSPFREE	Data space free space pointer

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

Pointers to job sampling element queues within the WLM data space.					

End of Comment					
560	(230)	BITSTRING	12	WLM_WJSQHDRS (0)	WLM job sampling queues
560	(230)	ADDRESS	4	WLM_WJSGMS	WLM job sampling element queue for jobs in GMS select
564	(234)	ADDRESS	4	WLM_WJSMDS	WLM job sampling element queue for jobs in MDS
568	(238)	ADDRESS	4	WLM_WJSMAINW	WLM job sampling element queue for jobs that are waiting to be scheduled for main service
Comment					

The following field is used to indicate which systems the sampling data needs to be sent to. A zero byte means that the sampling data does not need to be sent. A non-zero byte means that the sampling data needs to be sent.					

End of Comment					
572	(23C)	BITSTRING	1	WLM_SAMPSYS	Sampling data to be sent by system
Comment					

Sampling timer information.					

End of Comment					
604	(25C)	SIGNED	4	WLM_SAMPINTV	Current sampling interval in 100ths of a second (serialized via compare and swap)
608	(260)	SIGNED	4	WLM_SAMPMTID	Sampling timer id
612	(264)	SIGNED	4	WLM_SAMPNCCT	Number of consecutive intervals that the sampling data did not change
616	(268)	DBL WORD	8	WLM_SAMPMTIME	Time stamp when the WLM subtask last performed sampling
Comment					

Sampling lock (serialized via compare double and swap) The sampling lock is used to serialize the queues and tables used during WLM sampling. The first lock word contains the TCB or FCT address of the entity that has the lock. If the WLM subtask has the lock, the lock word contains the TCB address. If an FCT under the Nuc task has the lock, the lock word contains the FCT address. The second lock word is used to indicate who is waiting for the lock.					

End of Comment					
624	(270)	DBL WORD	8	WLM_SAMPLOCK	Sampling lock
624	(270)	X'270'	0	WLM_SAMPOWNR	"WLM_SAMPLOCK,4" Owning TCB or FCT address
624	(270)	X'274'	0	WLM_SAMPWAIT	"WLM_SAMPLOCK+4,4" Wait indicators
		1... ..		WLM_SAMPFCTW	"X'80" An FCT is waiting for the sampling lock

IATYWLM Map

Offsets		Type/Value .1..	Len	Name (Dim) WLM_SAMPTSKW	Description
Dec	Hex				
Comment					
<p>Information used by the WLM subtask on the local when receiving sampling data from the WLM subtask on the global.</p>					
End of Comment					
632	(278)	ADDRESS	4	WLM_MSGDATAD	Message data address
636	(27C)	SIGNED	4	WLM_MSGDATLN	Message data length
640	(280)	BITSTRING	8	WLM_MSGTOKEN	Message token
Comment					
<p>Unconditional Sampling Main Mask. This main mask contains a list of systems where sampling data should be set unconditionally. That is, sampling data should be sent to these systems even though it may not have changed since the last time it was sent. Once the sampling data has been sent, the main mask is set to zeroes. This main mask is serialized via compare and swap.</p>					
End of Comment					
648	(288)	SIGNED	4	WLM_USMPMMSK	Unconditional sampling main mask
Comment					
<p>Miscellaneous sampling information used by the WLM subtask</p>					
End of Comment					
652	(28C)	SIGNED	4	WLM_SAMPMMSK	Main mask work area
656	(290)	SIGNED	4	WLM_BRIPMMSK	Main mask for all service classes that require IWMBRIP processing
660	(294)	SIGNED	4	WLM_BSMPRETC	IWMBSMP Return code
664	(298)	SIGNED	4	WLM_BSMPRESN	IWMBSMP Reason code
668	(29C)	CHARACTER	8	WLM_PREVSRVC	Previous service class
Comment					
<p>Save Areas and Work Areas.</p>					
<p>FCT related save areas and work areas.</p>					
End of Comment					
676	(2A4)	SIGNED	4	WLM_SAVE (18)	FCT save area 1
752	(2F0)	DBL WORD	8	WLM_DWORK (0)	Align on a doubleword
752	(2F0)	SIGNED	4	WLM_WORK1	FCT work area 1
756	(2F4)	SIGNED	4	WLM_WORK2	FCT work area 2
760	(2F8)	SIGNED	4	WLM_WORK3	FCT work area 3

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

Subtask related save areas and work areas.					

End of Comment					
764	(2FC)	ADDRESS	4	WLM_TSKNXTSV	Next save area to use
768	(300)	SIGNED	4	WLM_TSKSAVE (18)	Subtask save area 1
768	(300)	X'48'	0	WLM_TSKSVLEN	**-"WLM_TSKSAVE" Length of one save area
840	(348)	SIGNED	4	WLM_TSKSAVE2 (18)	Subtask save area 2
912	(390)	SIGNED	4	WLM_TSKSAVE3 (18)	Subtask save area 3
984	(3D8)	BITSTRING	16	WLM_TSKWORK (0)	Start of 16 byte work area
984	(3D8)	SIGNED	4	WLM_TSKWORK1	Subtask work area 1
988	(3DC)	SIGNED	4	WLM_TSKWORK2	Subtask work area 2
992	(3E0)	SIGNED	4	WLM_TSKWORK3	Subtask work area 3
996	(3E4)	SIGNED	4	WLM_TSKWORK4	Subtask work area 4
1000	(3E8)	SIGNED	4	WLM_TSKWORK5	Subtask work area 5

Comment					
<p>WLM Recovery Stack Information</p> <p>The recovery stack is used by WLM modules to recover from errors without needing to set up their own JESTAE exits. When a module requires specific recovery processing, it issues an IATXWLM ADD_RECOVERY request update the recovery stack. When it is finished, it issues an IATXWLM DELETE_RECOVERY request.</p> <p>Each recovery stack entry consists of a routine to get control and a parameter to be passed to the routine. When an error occurs, WLM's recovery will call each of the routines in the recovery stack to perform their specific recovery processing.</p>					

End of Comment					
1004	(3EC)	ADDRESS	4	WLM_CURRSTAK	Current stack pointer
1004	(3EC)	X'6'	0	WLM_STACKCNT	"6" Number of stack entries
1008	(3F0)	SIGNED	4	WLM_RECSTACK (0)	Recovery stack
1008	(3F0)	X'3F0'	0	WLM_RECRTNAD	"WLM_RECSTACK,4" Routine address
1008	(3F0)	X'3F4'	0	WLM_RECPARAM	"WLM_RECSTACK+4,4" Routine parameter
1008	(3F0)	X'8'	0	WLM_RECSTKLN	"8" Length of one stack entry
1008	(3F0)	X'418'	0	WLM_RECSTLST	**-"WLM_RECSTKLN" Last recovery stack entry

Comment					
Serialized ECF's and Flags.					

End of Comment					
1056	(420)	SIGNED	4	WLM_SERFLGS (0)	Align on a fullword

Comment					
<p>Definition of WLM_ECF1 (serialized via compare and swap).</p>					

End of Comment					
1056	(420)	BITSTRING	1	WLM_ECF1	ECF one

IATYWLM Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		1...		WLM_POLCYCHG	"X'80" A WLM policy change occurred. The job queue should be scanned for jobs that need to be reclassified.
		.1..		WLM_SAMPLE	"X'40" Provide sampling data to the WLM subtask
		..1.		WLM_STAR	"X'20" A staging area was added to the destination queue
		...1		WLM_RECLJOBS	"X'10" Scan the job queue for jobs that are flagged for reclassification and reclassify those jobs
		.... 1..		WLM_JCTCHKPT	"X'08" Checkpoint job delay information in the JCT
		.... .1..		WLM_DREGSCAN	"X'04" Scan the service classes to see if deregistration is required
		.... ..1.		WLM_EVENT	"X'02" A WLM event occurred
		.... ...1		WLM_ECFR101	"X'01" Reserved flag
		1111 111.		WLM_ECF1POST	"X'FE" ECF mask of all posts

Comment

Definition of WLM_ECF2 (serialized via compare and swap).

End of Comment

1057	(421)	BITSTRING	1	WLM_ECF2	ECF two
		.1..		WLM_ECFR280	"X'40" Reserved flag
		..1.		WLM_ECFR240	"X'20" Reserved flag
		...1		WLM_ECFR220	"X'10" Reserved flag
		.... .1..		WLM_ECFR210	"X'02" Reserved flag
		.... 1..		WLM_ECFR208	"X'08" Reserved flag
		.... .1..		WLM_ECFR204	"X'04" Reserved flag
		.... ..1.		WLM_ECFR202	"X'02" Reserved flag
		.... ...1		WLM_ECFR201	"X'01" Reserved flag

Comment

Definition of WLM_FLAG1 (serialized via compare and swap).

End of Comment

1058	(422)	BITSTRING	1	WLM_FLAG1	Flag one
		1...		WLM_SLOWMODE	"X'80" WLM sampling is in slow down mode
		.1..		WLM_SLEEPMOD	"X'40" WLM sampling is in sleep mode
		..1.		WLM_DEFPOLCY	"X'20" The WLM service definition in WLM_SRVDEFID is a WLM default
		...1		WLM_SSALLNXT	"X'10" The WLM subtask needs to send sampling data to all systems during the next sampling interval
		.... 1..		WLM_NOSLEEP	"X'08" WLM subtask should not go into sampling sleep mode
		.... .1..		WLM_FLGR104	"X'04" Reserved flag
		.... ..1.		WLM_FLGR102	"X'02" Reserved flag
		.... ...1		WLM_FLGR101	"X'01" Reserved flag

Comment

Definition of WLM_FLAG2 (serialized via compare and swap).

End of Comment

1059	(423)	BITSTRING	1	WLM_FLAG2	Flag two
		1...		WLM_FLGR280	"X'80" Reserved flag
		.1..		WLM_FLGR240	"X'40" Reserved flag
		..1.		WLM_FLGR220	"X'20" Reserved flag

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		...1		WLM_FLGR210	"X'10" Reserved flag
		.... 1...		WLM_FLGR208	"X'08" Reserved flag
		.... .1..		WLM_FLGR204	"X'04" Reserved flag
		.... ..1.		WLM_FLGR202	"X'02" Reserved flag
		.... ...1		WLM_FLGR201	"X'01" Reserved flag
Comment					
Non-Serialized Flags. These flags are for use only by the WLM FCT or WLM subtask without serialization.					
End of Comment					
1060	(424)	BITSTRING	6	WLM_NSERFLGS (0)	Align on a fullword
Comment					
----- Definition of WLM_FCTFLG1. -----					
End of Comment					
1060	(424)	BITSTRING	1	WLM_FCTFLG1	FCT flag 1
		1...		WLM_INITFAIL	"X'80" WLM initialization failed
		.1..		WLM_FCTFAIL	"X'40" WLM FCT failed
		..1.		WLM_RCINPROG	"X'20" Reclassification is being performed as a result of a WLM policy change
		...1		WLM_PCHCOMP	"X'10" A general purpose FCT completed policy change processing
		.... 1...		WLM_ANRCLSCN	"X'08" Another reclassification scan should be performed
		.... .1..		WLM_RESCAN	"X'04" Reclassification rescan is required
		.... ..1.		WLM_RESACT	"X'02" Reclassification rescan is active
		.... ...1		WLM_FCTR101	"X'01" Reserved flag
Comment					
----- Definition of WLM_FCTFLG2. -----					
End of Comment					
1061	(425)	BITSTRING	1	WLM_FCTFLG2	FCT flag 2
		1...		WLM_FCTR280	"X'80" Reserved flag
		.1..		WLM_FCTR240	"X'40" Reserved flag
		..1.		WLM_FCTR220	"X'20" Reserved flag
		...1		WLM_FCTR210	"X'10" Reserved flag
		.... 1...		WLM_FCTR208	"X'08" Reserved flag
		.... .1..		WLM_FCTR204	"X'04" Reserved flag
		.... ..1.		WLM_FCTR202	"X'02" Reserved flag
		.... ...1		WLM_FCTR201	"X'01" Reserved flag
Comment					
----- Definition of WLM_FCTFLG3. -----					
End of Comment					
1062	(426)	BITSTRING	1	WLM_FCTFLG3	FCT flag 3
		1...		WLM_FCTR380	"X'80" Reserved flag
		.1..		WLM_FCTR340	"X'40" Reserved flag
		..1.		WLM_FCTR320	"X'20" Reserved flag
		...1		WLM_FCTR310	"X'10" Reserved flag
		.... 1...		WLM_FCTR308	"X'08" Reserved flag
		.... .1..		WLM_FCTR304	"X'04" Reserved flag
		.... ..1.		WLM_FCTR302	"X'02" Reserved flag

IATYWLM Map

Offsets		Type/Value.... ...1	Len	Name (Dim) WLM_FCTR301	Description "X'01" Reserved flag
Dec	Hex				
Comment					
----- Definition of WLM_TSKFLG1. -----					
End of Comment					
1063	(427)	BITSTRING 1... .... .1. .... ..1. .... ...1 1..	1	WLM_TSKFLG1 WLM_SUBTFAIL WLM_STINCOMP WLM_SAMPALL WLM_BQRYREQ WLM_NEWSRVDF WLM_CLSLMTUP WLM_RPTCCOPY WLM_TSKR101	Subtask flag 1 "X'80" WLM subtask failed "X'40" WLM subtask initialization is complete "X'20" Sampling data needs to be sent to all systems "X'10" IWMBQRY processing is required during sampling "X'08" A new WLM service definition id was provided in the sampling data "X'04" Class limits were updated for the previous service class "X'02" Current report class information needs to be copied to previous information "X'01" Reserved flag
Comment					
----- Definition of WLM_TSKFLG2. -----					
End of Comment					
1064	(428)	BITSTRING 1... .... .1. .... ..1. .... ...1 1..	1	WLM_TSKFLG2 WLM_TSKR280 WLM_TSKR240 WLM_TSKR220 WLM_TSKR210 WLM_TSKR208 WLM_TSKR204 WLM_TSKR202 WLM_TSKR201	Subtask flag 2 "X'80" Reserved flag "X'40" Reserved flag "X'20" Reserved flag "X'10" Reserved flag "X'08" Reserved flag "X'04" Reserved flag "X'02" Reserved flag "X'01" Reserved flag
Comment					
----- Definition of WLM_TSKFLG3. -----					
End of Comment					
1065	(429)	BITSTRING 1... .... .1. .... ..1. .... ...1 1..	1	WLM_TSKFLG3 WLM_TSKR380 WLM_TSKR340 WLM_TSKR320 WLM_TSKR310 WLM_TSKR308 WLM_TSKR304 WLM_TSKR302 WLM_TSKR301	Subtask flag 3 "X'80" Reserved flag "X'40" Reserved flag "X'20" Reserved flag "X'10" Reserved flag "X'08" Reserved flag "X'04" Reserved flag "X'02" Reserved flag "X'01" Reserved flag
Comment					
Parameter Lists/Work Areas used by the JES3 Nuc Task. ----- ATIME parameter list. -----					
\$SL= z1.7.0 HJS7720 050107 PD0TN: z 1.7.0					
End of Comment					

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1068	(42C)	SIGNED	4	(0)	ALIGNMENT
1068	(42C)	BITSTRING	4	WLM_ETIME	ID
1072	(430)	SIGNED	4		TIME OR TOD VALUE
1076	(434)	ADDRESS	4		ECF OR ENTER ADDRESS
1080	(438)	ADDRESS	1		FLAG BYTE1
1081	(439)	ADDRESS	1		FLAG BYTE2
1082	(43A)	ADDRESS	1		ECF MASK FOR POST REQUEST
1083	(43B)	ADDRESS	1		Flag byte 3
1084	(43C)	ADDRESS	4		FCT ADDRESS

Comment

MESSAGE parameter list.

\$T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0

End of Comment

1088	(440)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
1088	(440)	ADDRESS	4	WLM_MSGP	Text Address
1092	(444)	BITSTRING	2		Destination Disp and Mask
1094	(446)	BITSTRING	1		ACTION flag
1095	(447)	ADDRESS	1		Options Flag
1096	(448)	BITSTRING	2		Descriptor Codes
1098	(44A)	SIGNED	2		Reserved 2 Bytes
1100	(44C)	BITSTRING	17		Routing Codes
1117	(45D)	BITSTRING	1	(3)	Reserved
1120	(460)	BITSTRING	1	(8)	Jobid
1128	(468)	BITSTRING	1	(8)	Jobname
1136	(470)	BITSTRING	1	(8)	Key
1144	(478)	ADDRESS	4		CNDB Address 1
1148	(47C)	ADDRESS	4		CNDB Address 2
1152	(480)	ADDRESS	4		CNDB Address 3
1156	(484)	ADDRESS	4		CNDB Address 4
1160	(488)	ADDRESS	4		CNDB Address 5
1164	(48C)	ADDRESS	4		MLWO Address

Comment

Start of area shared for other parameter lists.

End of Comment

1168	(490)	DBL WORD	8	WLM_PARMLST (0)	
------	-------	----------	---	-----------------	--

Comment

IATXGENF parameter list.

End of Comment

Comment

\$SF= z1.4.0 HJS7707 020129 PD0VW: z 1.4.0 0
IATXGENF MF=L IATXGENF List Form

End of Comment

1168	(490)	SIGNED	4	WLM_GENF (0)	IATXGENF List Form
1168	(490)	ADDRESS	4		Routine address
1172	(494)	ADDRESS	4		Description address
1176	(498)	ADDRESS	4		Normal ECF address
1180	(49C)	ADDRESS	4		Error ECF address

IATYWLM Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1184	(4A0)	SIGNED	4		Register zero value
1188	(4A4)	SIGNED	4		Register one value
1192	(4A8)	BITSTRING	1		Priority
1193	(4A9)	BITSTRING	1		Normal ECF mask
1194	(4AA)	BITSTRING	1		Error ECF mask
1195	(4AB)	BITSTRING	1		Reserved for IBM
1196	(4AC)	ADDRESS	4	(3)	Reserved for IBM

Comment					

IATXJQE SEARCH parameter list.					

End of Comment					
1168	(490)	BITSTRING	8	WLM_JQESTOKN	IATXJQE SEARCH token

Comment					

\$T8= JES3SDSF HJS7780 101010 RD0DJ: z 1.13.0					
\$SF= z1.4.0 HJS7707 020129 PD0VW: z 1.4.0 0					

End of Comment					
1176	(498)	SIGNED	4	WLM_JQES (0)	IATXJQE SEARCH Parm List
1176	(498)	ADDRESS	4		Token address
1180	(49C)	SIGNED	2		Current number of keys
1182	(49E)	BITSTRING	1		Flag one
1183	(49F)	BITSTRING	1		Reserved for IBM
1184	(4A0)	SIGNED	4	(4)	Reserved for IBM
1200	(4B0)	SIGNED	4	(0)	End of fixed portion
1200	(4B0)	SIGNED	2		Field type
1202	(4B2)	ADDRESS	2		Field offset
1204	(4B4)	SIGNED	2		Field length
1206	(4B6)	BITSTRING	8		Search value/data
1214	(4BE)	BITSTRING	1		Comparison condition
1215	(4BF)	BITSTRING	5		Reserved for IBM
1220	(4C4)	SIGNED	2		Field type
1222	(4C6)	ADDRESS	2		Field offset
1224	(4C8)	SIGNED	2		Field length
1226	(4CA)	BITSTRING	8		Search value/data
1234	(4D2)	BITSTRING	1		Comparison condition
1235	(4D3)	BITSTRING	5		Reserved for IBM
1240	(4D8)	SIGNED	2		Field type
1242	(4DA)	ADDRESS	2		Field offset
1244	(4DC)	SIGNED	2		Field length
1246	(4DE)	BITSTRING	8		Search value/data
1254	(4E6)	BITSTRING	1		Comparison condition
1255	(4E7)	BITSTRING	5		Reserved for IBM
1260	(4EC)	SIGNED	2		Field type
1262	(4EE)	ADDRESS	2		Field offset
1264	(4F0)	SIGNED	2		Field length
1266	(4F2)	BITSTRING	8		Search value/data
1274	(4FA)	BITSTRING	1		Comparison condition
1275	(4FB)	BITSTRING	5		Reserved for IBM
1280	(500)	SIGNED	2		Field type
1282	(502)	ADDRESS	2		Field offset
1284	(504)	SIGNED	2		Field length
1286	(506)	BITSTRING	8		Search value/data
1294	(50E)	BITSTRING	1		Comparison condition
1295	(50F)	BITSTRING	5		Reserved for IBM
1295	(50F)	X'5'	0	WLM_JQES_MAX_KEYS	"5" Maximum number of keys
1295	(50F)	X'7C'	0	WLM_JQESSIZE	** -WLM_JQES" Size of parameter list

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

Reset to end of parameter lists.					

End of Comment					
Comment					
Parameter Lists/Work Areas used by the WLM subtask.					
End of Comment					
1300	(514)	SIGNED	4	WLM_STPARMLS (0)	
Comment					

GTRACE Parameter List					

End of Comment					
Comment					

WLM Batch Queue Samples parameter list.					

End of Comment					
Comment					
MACDATE -02/26/97-<0>					
End of Comment					
0	(0)	X'518'	0	M00M0023	"WLM_BSMP" ++ IWMB SMP NAME
1304	(518)	DBL WORD	8	WLM_BSMP (0)	++ IWMB SMP PARM LIST
1304	(518)	BITSTRING	1	WLM_BSMP_XVERSION	++ INPUT XVERSION
1305	(519)	CHARACTER	1	WLM_BSMP_XRSV0001	++ RESERVED XRSV0001
1306	(51A)	BITSTRING	2	WLM_BSMP_XPLISTLEN	++ INPUT XPLISTLEN
1308	(51C)	SIGNED	4	WLM_BSMP_XBQS	++ XBQS
1312	(520)	CHARACTER	32	WLM_BSMP_XSVDEF_ID	++ XSVDEF_ID
1344	(540)	CHARACTER	4	WLM_BSMP_XRSV0040	++ RESERVED XRSV0040
1348	(544)	CHARACTER	8	WLM_BSMP_XRSV0044	++ RESERVED XRSV0044
1348	(544)	X'34'	0	WLM_BSMP_L	** -WLM_BSMP" ++ LENGTH OF PLIST
Comment					
IWMB SMP-0					

WLM Batch Queue Query parameter list.					

End of Comment					

IATYWLM Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
MACDATE -12/19/01-<1>					
End of Comment					
0	(0)	X'518'	0	M00M0024	"WLM_BQRY" ++ IWMBQRY NAME
1304	(518)	DBL WORD	8	WLM_BQRY (0)	++ IWMBQRY PARM LIST
1304	(518)	BITSTRING	1	WLM_BQRY_XVERSION	++ INPUT XVERSION
1305	(519)	BITSTRING	1	WLM_BQRY_XOPTIONS	++ FIELD_LABEL
		1...		WLM_BQRY_KEYUSED_AVGQ	"B'10000000" ++ KEYUSED.AVGQ KEYWORD
		.1..		WLM_BQRY_KEYUSED_SYSTEML	"B'01000000" ++ KEYUSED.SYSTEML KEYWORD
		..1.		WLM_BQRY_KEYUSED_PREFLIST	"B'00100000" ++ KEYUSED.PREFLIST KEYWORD
1306	(51A)	BITSTRING	2	WLM_BQRY_XPLISTLEN	++ INPUT XPLISTLEN
1308	(51C)	CHARACTER	16	WLM_BQRY_XQTOKEN	++ XQTOKEN
1324	(52C)	SIGNED	4	WLM_BQRY_XAVGQ	++ XAVGQ
1328	(530)	ADDRESS	4	WLM_BQRY_XSYSTEML_ADDR	++ ADDR XSYSTEML
1332	(534)	SIGNED	4	WLM_BQRY_XNUMSYS	++ XNUMSYS
1336	(538)	ADDRESS	4	WLM_BQRY_XPREFLIST_ADDR	++ ADDR XPREFLIST
1340	(53C)	SIGNED	4	WLM_BQRY_XPREFNUM	++ XPREFNUM
1340	(53C)	X'28'	0	WLM_BQRYL	**-"WLM_BQRY" ++ LENGTH OF PLIST
Comment					
IWMBQRY-1					
<p>-----</p> <p>System list returned by the IWMBQRY service. It contains a list of systems that don't have any initiators started for the service class.</p> <p>When the IWMBQRY macro is issued with PREFNUM and PREFLIST parms, the system list contains a list of unconstrained systems.</p> <p>-----</p>					
End of Comment					
1344	(540)	SIGNED	4	WLM_BQRYCNT	Number of systems returned
1348	(544)	CHARACTER	8	WLM_BQRYSYS (0)	System list
1348	(544)	X'104'	0	WLM_BQRYSIZE	**-"WLM_BQRYCNT" Size of system information
Comment					
<p>-----</p> <p>WLM Batch Request Initiator Placement parm list.</p> <p>-----</p>					
End of Comment					
Comment					
MACDATE -03/13/97-<0>					
End of Comment					
0	(0)	X'518'	0	M00M0025	"WLM_BRIP" ++ IWMBRIP NAME

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1304	(518)	DBL WORD	8	WLM_BRIP (0)	++ IWMBRIP PARM LIST
1304	(518)	BITSTRING	1	WLM_BRIP_XVERSION	++ INPUT XVERSION
1305	(519)	CHARACTER	1	WLM_BRIP_XRSV0001	++ RESERVED XRSV0001
1306	(51A)	BITSTRING	2	WLM_BRIP_XPLISTLEN	++ INPUT XPLISTLEN
1308	(51C)	CHARACTER	16	WLM_BRIP_XQTOKEN	++ XQTOKEN
1324	(52C)	ADDRESS	4	WLM_BRIP_XSYSTEML_ADDR	++ ADDR XSYSTEML
1328	(530)	SIGNED	4	WLM_BRIP_XNUMSYS	++ XNUMSYS
1332	(534)	CHARACTER	8	WLM_BRIP_XRSV001C	++ RESERVED XRSV001C
1332	(534)	X'24'	0	WLM_BRIP_L	**-"WLM_BRIP" ++ LENGTH OF PLIST

Comment

IWMBRIP-0

System list to be passed to the IWMBRIP service.

End of Comment

1340	(53C)	SIGNED	4	WLM_BRIPCNT	Number of systems returned
1344	(540)	CHARACTER	8	WLM_BRIPSYS (0)	System list
1344	(540)	X'104'	0	WLM_BRIPSIZE	**-"WLM_BRIPCNT" Size of system information

Comment

IXZXIXMB parameter list.

End of Comment

Comment

MACDATE -93/05/10-<1>

End of Comment

1300	(514)	SIGNED	2	M00M0026 (0)	IXZXIXMB-1
1304	(518)	DBL WORD	8	WLM_IXMB (0)	++ IXZXIXMB PARM LIST
1304	(518)	BITSTRING	1	WLM_IXMB_XVERSION	++ INPUT XVERSION
1305	(519)	CHARACTER	6	WLM_IXMB_XEYECATCH	++ CONSTANT XEYECATCH
1311	(51F)	CHARACTER	1	WLM_IXMB_XRSV0001	++ RESERVED XRSV0001
1312	(520)	CHARACTER	16	WLM_IXMB_XMBOXNAME	++ XMBOXNAME
1328	(530)	ADDRESS	4	WLM_IXMB_XPOSTXIT	++ XPOSTXIT
1332	(534)	ADDRESS	4	WLM_IXMB_XPOSTDATA	++ XPOSTDATA
1336	(538)	SIGNED	4	WLM_IXMB_XPOSTALET	++ XPOSTALET
1340	(53C)	SIGNED	4	WLM_IXMB_XGROUPTOKEN	++ XGROUPTOKEN
1344	(540)	BITSTRING	1	WLM_IXMB_XSYSEVENTS	++ FIELD_LABEL
		1...		WLM_IXMB_XSYSEVENT_YES	"B'10000000" ++ XSYSEVENT.YES KEYWORD
		.1..		WLM_IXMB_XSYSEVENT_NO	

IATYWLM Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
1344	(540)	X'29'	0	WLM_IXMBL	"B'01000000" ++ XSYSEVENT.NO KEYWORD ** -WLM_IXMB" ++ LENGTH OF PLIST

Comment

IXZXIXMB-1

IXZXIXMC parameter list.

End of Comment

Comment

MACDATE -93/05/10-<1>

End of Comment

1300	(514)	SIGNED	2	M00M0027 (0)	IXZXIXMC-1
1304	(518)	DBL WORD	8	WLM_IXMC (0)	++ IXZXIXMC PARM LIST
1304	(518)	BITSTRING	1	WLM_IXMC_XVERSION	++ INPUT XVERSION
1305	(519)	CHARACTER	6	WLM_IXMC_XEYECATCH	++ CONSTANT XEYECATCH
1311	(51F)	BITSTRING	1	WLM_IXMC_XSTB	++ INPUT
		1... ..		WLM_IXMC_XSTB_NO	"B'10000000" ++ XSTB.NO KEYWORD
		.1.. ..		WLM_IXMC_XSTB_YES	"B'01000000" ++ XSTB.YES KEYWORD
1312	(520)	CHARACTER	16	WLM_IXMC_XMBOXNAME	++ XMBOXNAME
1328	(530)	SIGNED	4	WLM_IXMC_XGROUPTOKEN	++ XGROUPTOKEN
1328	(530)	X'1C'	0	WLM_IXMCL	** -WLM_IXMC" ++ LENGTH OF PLIST

Comment

IXZXIXMC-1

IXZXIXRM parameter list.

End of Comment

Comment

MACDATE -93/05/10-<1>

End of Comment

1300	(514)	SIGNED	2	M00M0028 (0)	IXZXIXMB-1
1304	(518)	DBL WORD	8	WLM_IXRM (0)	++ IXZXIXMB PARM LIST
1304	(518)	BITSTRING	1	WLM_IXRM_XVERSION	++ INPUT XVERSION
1305	(519)	CHARACTER	6	WLM_IXRM_XEYECATCH	++ CONSTANT XEYECATCH
1311	(51F)	CHARACTER	1	WLM_IXRM_XRSV0001	++ RESERVED XRSV0001
1312	(520)	CHARACTER	16	WLM_IXRM_XMBOXNAME	++ XMBOXNAME
1328	(530)	ADDRESS	4	WLM_IXRM_XPOSTXIT	++ XPOSTXIT
1332	(534)	ADDRESS	4	WLM_IXRM_XPOSTDATA	++ XPOSTDATA
1336	(538)	SIGNED	4	WLM_IXRM_XPOSTALET	++ XPOSTALET

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1340	(53C)	SIGNED	4	WLM_IXRM_XGROUPTOKEN	++ XGROUPTOKEN
1344	(540)	BITSTRING	1	WLM_IXRM_XSYSEVENTS	++ FIELD_LABEL
		1... ..		WLM_IXRM_XSYSEVENT_YES	"B'10000000" ++ XSYSEVENT.YES KEYWORD
		.1.. ..		WLM_IXRM_XSYSEVENT_NO	"B'01000000" ++ XSYSEVENT.NO KEYWORD
1344	(540)	X'29'	0	WLM_IXRML	**WLM_IXRM" ++ LENGTH OF PLIST
Comment					
IXZXIXMB-1					

IXZXIXAC parameter list.					

End of Comment					
Comment					
MACDATE -11/12/03-<1>					
End of Comment					
0	(0)	X'518'	0	M00M0029	"WLM_IXAC" ++ IXZXIXAC NAME
1304	(518)	DBL WORD	8	WLM_IXAC (0)	++ IXZXIXAC PARM LIST
1304	(518)	BITSTRING	1	WLM_IXAC_XVERSION	++ INPUT XVERSION
1305	(519)	CHARACTER	6	WLM_IXAC_XEYECATCH	++ CONSTANT XEYECATCH
1311	(51F)	BITSTRING	1	WLM_IXAC_XSTB	++ INPUT
		1... ..		WLM_IXAC_XSTB_NO	"B'10000000" ++ XSTB.NO KEYWORD
		.1.. ..		WLM_IXAC_XSTB_YES	"B'01000000" ++ XSTB.YES KEYWORD
1312	(520)	BITSTRING	8	WLM_IXAC_XMSGTOKEN	++ XMSGTOKEN
1320	(528)	ADDRESS	4	WLM_IXAC_XDATA	++ XDATA
1324	(52C)	SIGNED	4	WLM_IXAC_XDATALEN	++ XDATALEN
1328	(530)	SIGNED	4	WLM_IXAC_XUSERRC	++ XUSERRC
1332	(534)	SIGNED	4	WLM_IXAC_XGROUPTOKEN	++ XGROUPTOKEN
1336	(538)	SIGNED	4	WLM_IXAC_XSYSRC	++ XSYSRC
1340	(53C)	SIGNED	4	WLM_IXAC_XSYSRSN	++ XSYSRSN
1344	(540)	BITSTRING	1	WLM_IXAC_XKEYS	++ FIELD_LABEL
		1... ..		WLM_IXAC_KEYUSED_DATA	"B'10000000" ++ KEYUSED.DATA KEYWORD
		.1.. ..		WLM_IXAC_KEYUSED_DATALEN	"B'01000000" ++ KEYUSED.DATALEN KEYWORD
		..1.		WLM_IXAC_KEYUSED_USERRC	"B'00100000" ++ KEYUSED.USERRC KEYWORD
		...1		WLM_IXAC_KEYUSED_SYSRC	"B'00010000" ++ KEYUSED.SYSRC KEYWORD
		.... 1...		WLM_IXAC_KEYUSED_SYSRSN	"B'00001000" ++ KEYUSED.SYSRSN KEYWORD
1345	(541)	BITSTRING	1	WLM_IXAC_XMSGATTR	++ INPUT
		1... ..		WLM_IXAC_XMSGATTR_J3CONNECT	

IATYWLM Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.1..		WLM_IXAC_XMSGATTR_EXPRESS	"B'10000000" ++ XMSGATTR.J3CONNECT KEYWORD
1345	(541)	X'2A'	0	WLM_IXACL	"B'01000000" ++ XMSGATTR.EXPRESS KEYWORD "-WLM_IXAC" ++ LENGTH OF PLIST
Comment					
IXZXIXAC-1					
----- IXZXIXSM parameter list. -----					
End of Comment					
Comment					
MACDATE -10/16/01-<2>					
End of Comment					
0	(0)	X'518'	0	M00M0030	"WLM_IXSM" ++ IXZXIXSM NAME
1304	(518)	DBL WORD	8	WLM_IXSM (0)	++ IXZXIXSM PARM LIST
1304	(518)	BITSTRING	1	WLM_IXSM_XVERSION	++ INPUT XVERSION
1305	(519)	CHARACTER	6	WLM_IXSM_XEYECATCH	++ CONSTANT XEYECATCH
1311	(51F)	BITSTRING	1	WLM_IXSM_XMSGATTR	++ INPUT
		1...		WLM_IXSM_XMSGATTR_J3CONNECT	"B'10000000" ++ XMSGATTR.J3CONNECT KEYWORD
		.1..		WLM_IXSM_XMSGATTR_EXPRESS	"B'01000000" ++ XMSGATTR.EXPRESS KEYWORD
1312	(520)	CHARACTER	16	WLM_IXSM_XMBOXNAME	++ XMBOXNAME
1328	(530)	CHARACTER	16	WLM_IXSM_XMEMBER	++ XMEMBER
1344	(540)	ADDRESS	4	WLM_IXSM_XDATA	++ XDATA
1348	(544)	SIGNED	4	WLM_IXSM_XDATALEN	++ XDATALEN
1352	(548)	BITSTRING	8	WLM_IXSM_XREQTOKEN	++ XREQTOKEN
1360	(550)	CHARACTER	16	WLM_IXSM_XREQMBOX	++ XREQMBOX
1376	(560)	SIGNED	4	WLM_IXSM_XDATAALET	++ XDATAALET
1380	(564)	SIGNED	4	WLM_IXSM_XRESPDALT	++ XRESPDALT
1384	(568)	SIGNED	4	WLM_IXSM_XECB	++ XECB
1388	(56C)	SIGNED	4	WLM_IXSM_XEXIT	++ XEXIT
1392	(570)	BITSTRING	8	WLM_IXSM_XCONNECT	++ XCONNECT
1400	(578)	SIGNED	4	WLM_IXSM_XGROUPTOKEN	++ XGROUPTOKEN
1404	(57C)	SIGNED	4	WLM_IXSM_XUSERRC	++ XUSERRC
1408	(580)	SIGNED	4	WLM_IXSM_XRESPDATA	++ XRESPDATA
1412	(584)	SIGNED	4	WLM_IXSM_XRESPDLEN	++ XRESPDLEN
1416	(588)	CHARACTER	4	WLM_IXSM_XRSV00001	++ RESERVED XRSV00001
1420	(58C)	BITSTRING	8	WLM_IXSM_XMSGTOKEN	++ XMSGTOKEN

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1428	(594)	SIGNED	4	WLM_IXSM_XRIPSIZE	++ XRIPSIZE
1432	(598)	BITSTRING	1	WLM_IXSM_XREQTYPE	++ INPUT
		1...		WLM_IXSM_XREQTYPE_ASYNC	"B'10000000" ++ XREQTYPE.ASYNC KEYWORD
		.1..		WLM_IXSM_XREQTYPE_SYNC	"B'01000000" ++ XREQTYPE.SYNC KEYWORD
		..1.		WLM_IXSM_XREQTYPE_ASYNCACK	"B'00100000" ++ XREQTYPE.ASYNCACK KEYWORD
		...1		WLM_IXSM_XREQTYPE_COMM	"B'00010000" ++ XREQTYPE.COMM KEYWORD
1433	(599)	BITSTRING	1	WLM_IXSM_XSEGTYPE	++ INPUT
		1...		WLM_IXSM_XSEGTYPE_SINGLE	"B'10000000" ++ XSEGTYPE.SINGLE KEYWORD
		.1..		WLM_IXSM_XSEGTYPE_FIRST	"B'01000000" ++ XSEGTYPE.FIRST KEYWORD
		..1.		WLM_IXSM_XSEGTYPE_MIDDLE	"B'00100000" ++ XSEGTYPE.MIDDLE KEYWORD
		...1		WLM_IXSM_XSEGTYPE_LAST	"B'00010000" ++ XSEGTYPE.LAST KEYWORD
		.... 1...		WLM_IXSM_XSEGTYPE_ABORT	"B'00001000" ++ XSEGTYPE.ABORT KEYWORD
1434	(59A)	BITSTRING	1	WLM_IXSM_XKEYS	++ FIELD_LABEL
		1...		WLM_IXSM_KEYUSED_REQTYPE	"B'10000000" ++ KEYUSED.REQTYPE KEYWORD
		.1..		WLM_IXSM_KEYUSED_REQTOKEN	"B'01000000" ++ KEYUSED.REQTOKEN KEYWORD
		..1.		WLM_IXSM_KEYUSED_REQMBOX	"B'00100000" ++ KEYUSED.REQMBOX KEYWORD
		...1		WLM_IXSM_KEYUSED_EXIT	"B'00010000" ++ KEYUSED.EXIT KEYWORD
		.... 1...		WLM_IXSM_KEYUSED_SEGTYPE	"B'00001000" ++ KEYUSED.SEGTYPE KEYWORD
		.... .1..		WLM_IXSM_KEYUSED_CONNECT	"B'00000100" ++ KEYUSED.CONNECT KEYWORD
		.... ..1.		WLM_IXSM_KEYUSED_MSGTOKEN	"B'00000010" ++ KEYUSED.MSGTOKEN KEYWORD
		.... ...1		WLM_IXSM_KEYUSED_MSGATTR	"B'00000001" ++ KEYUSED.MSGATTR KEYWORD
1435	(59B)	BITSTRING	1	WLM_IXSM_XKEYS1	++ FIELD_LABEL
		1...		WLM_IXSM_KEYUSED_ECB	"B'10000000" ++ KEYUSED.ECB KEYWORD
		.1..		WLM_IXSM_KEYUSED_DATAALET	"B'01000000" ++ KEYUSED.DATAALET KEYWORD
		..1.		WLM_IXSM_KEYUSED_RELEASE_CADS	"B'00100000" ++ KEYUSED.RELEASE_CADS KEYWORD
		...1		WLM_IXSM_KEYUSED_RIPSIZE	"B'00010000" ++ KEYUSED.RIPSIZE KEYWORD
1435	(59B)	X'84'	0	WLM_IXSML	** -WLM_IXSM" ++ LENGTH OF PLIST

Comment

IXZXIXSM-2

IXZXIXMD parameter list.

End of Comment

IATYWLM Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
MACDATE -93/05/10-<1>					
End of Comment					
1300	(514)	SIGNED	2	M00M0031 (0)	IXZXIXMD-1
1304	(518)	DBL WORD	8	WLM_IXMD (0)	++ IXZXIXMD PARM LIST
1304	(518)	BITSTRING	1	WLM_IXMD_XVERSION	++ INPUT XVERSION
1305	(519)	CHARACTER	6	WLM_IXMD_XEYECATCH	++ CONSTANT XEYECATCH
1311	(51F)	BITSTRING	1	WLM_IXMD_XSTB	++ INPUT
		1...		WLM_IXMD_XSTB_NO	"B'10000000" ++ XSTB.NO KEYWORD
		.1..		WLM_IXMD_XSTB_YES	"B'01000000" ++ XSTB.YES KEYWORD
1312	(520)	CHARACTER	16	WLM_IXMD_XMBOXNAME	++ XMBOXNAME
1328	(530)	SIGNED	4	WLM_IXMD_XGROUPTOKEN	++ XGROUPTOKEN
1328	(530)	X'1C'	0	WLM_IXMDL	** -WLM_IXMD" ++ LENGTH OF PLIST
Comment					
IXZXIXMD-1					
----- STIMERM parameter list. -----					
End of Comment					
Comment					
MACDATE = 08/19/88					
End of Comment					
1300	(514)	BITSTRING	24	WLM_STIMERM	REMOTE STIMERM SET PARM LIST
Comment					
----- ESTAEX parameter list. -----					
End of Comment					
1300	(514)	SIGNED	4	(0)	
1300	(514)	ADDRESS	1	WLM_ESTAEX	FLAGS FOR ESTAEX
1301	(515)	ADDRESS	1		SECOND FLAG BYTE
1302	(516)	ADDRESS	1		THIRD FLAG BYTE
1303	(517)	ADDRESS	1		VERSION NUMBER
1304	(518)	ADDRESS	4		TOKEN VALUE AREA
1308	(51C)	ADDRESS	4		PARM. LIST ADDR. NOT SPECIFIED
1312	(520)	ADDRESS	4		ALET FOR PARM LIST
1316	(524)	ADDRESS	4		EXIT ADDR NOT SPECED
Comment					
----- SDUMPX Parameter List. -----					
End of Comment					
1300	(514)	SIGNED	4	WLM_SDUMPX (0)	SDUMP PARAMETER LIST

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1300	(514)	ADDRESS	1		FLAG BYTE
1301	(515)	ADDRESS	1		FLAG BYTE
1302	(516)	ADDRESS	1		FLAG BYTE
1303	(517)	ADDRESS	1		FLAG BYTE
1304	(518)	ADDRESS	4		ADDRESS OF DCB
1308	(51C)	ADDRESS	4		ADDRESS OF STORAGE LIST
1312	(520)	ADDRESS	4		ADDRESS OF USER DATA
1316	(524)	ADDRESS	4		ADDRESS OF ECB/SRB
1320	(528)	ADDRESS	2		CURRENT ASID
1322	(52A)	ADDRESS	2		OTHER ASID
1324	(52C)	ADDRESS	4		ADDRESS OF ASID LIST
1328	(530)	ADDRESS	4		ADDRESS OF SUMLIST/SUMLSTA LIST
1332	(534)	ADDRESS	4		RESERVED
1336	(538)	ADDRESS	4		RESERVED
1340	(53C)	ADDRESS	1		FLAG BYTE
1341	(53D)	ADDRESS	1		CONTROL FLAG BYTE
1342	(53E)	ADDRESS	1		TYPE FLAG BYTE
1343	(53F)	ADDRESS	1		VERSION
1344	(540)	ADDRESS	1		EXIT FLAG BYTE
1345	(541)	ADDRESS	1		EXIT FLAG BYTE
1346	(542)	ADDRESS	1		SDATA OPTIONS
1347	(543)	ADDRESS	1		RESERVED SDATA OPTIONS
1348	(544)	ADDRESS	4		ADDRESS OF SUBPLST
1352	(548)	ADDRESS	4		ADDRESS OF KEYLIST
1356	(54C)	ADDRESS	4		RESERVED
1360	(550)	ADDRESS	4		ALET OF DCB PARAMETER
1364	(554)	ADDRESS	4		ALET OF STORAGE PARAM
1368	(558)	ADDRESS	4		ALET OF HDR PARAMETER
1372	(55C)	ADDRESS	4		ALET OF ASIDLST PARAM
1376	(560)	ADDRESS	4		ALET OF SUMLIST PARAM
1380	(564)	ADDRESS	4		ALET OF SUBPLST PARAM
1384	(568)	ADDRESS	4		ALET OF KEYLIST PARAM
1388	(56C)	ADDRESS	4		No LIST64/LISTD
1392	(570)	ADDRESS	4		No ALET for LISTD/LIST64
1396	(574)	ADDRESS	4		No SUMLSTL or SUMLIST64
1400	(578)	ADDRESS	4		ALET SUMLSTL or SUMLIST64
1404	(57C)	ADDRESS	4	(2)	RESERVED

Comment

Reset to end of parameter lists.

End of Comment

Comment

WLM subtask mail box name.

End of Comment

1604	(644)	CHARACTER	16	WLM_MBNAME	Mailbox name
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Comment

End of the WLM.

End of Comment

1624	(658)	DBL WORD	8	WLM_END (0)	End of WLM
1624	(658)	X'658'	0	WLM_SIZE	"WLM_END-WLM_START" Size of WLM

IATYWLM Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Miscellaneous Equates.					
End of Comment					
1624	(658)	X'1D4C0'	0	WLM_JCTCKPTM	"(20*60*100)" JCT checkpointing timer interval in hundredths of a second
1624	(658)	X'1D4C0'	0	WLM_DREGSCTM	"(20*60*100)" Service class deregistration time interval in hundredths of a second
1624	(658)	X'C8'	0	WLM_SAMPMINI	"200" Minimum time between samples in 100ths of a second
1624	(658)	X'1770'	0	WLM_SAMPMAXI	"6000" Maximum time between samples in 100ths of a second
1624	(658)	X'F'	0	WLM_BQRYSEC	"15" Number of seconds that must elapse before an IWMBQRY request is issued during sampling to get a list of systems where there are no initiators started for each service class
1624	(658)	X'E'	0	WLM_BQRYTIME	"WLM_BQRYSEC*1000000/1048576" IWMBQRY time in clock units

IATYWLM Cross Reference

Name

M00M0023
 M00M0024
 M00M0025
 M00M0026
 M00M0027

 M00M0028
 M00M0029
 M00M0030
 M00M0031
 WLM_ANRCLSCN
 WLM_APPLENV
 WLM_ETIME
 WLM_BQRY
 WLM_BQRY_KEYUSED_AVGQ

 WLM_BQRY_KEYUSED_PREFLIST
 WLM_BQRY_KEYUSED_SYSTEML

 WLM_BQRY_XAVGQ

 WLM_BQRY_XNUMSYS
 WLM_BQRY_XOPTIONS

 WLM_BQRY_XPLISTLEN
 WLM_BQRY_XPREFLIST_ADDR
 WLM_BQRY_XPREFNUM

 WLM_BQRY_XQTOKEN
 WLM_BQRY_XSYSTEML_ADDR

Name

WLM_BQRY_XVERSION

WLM_BQRYCNT

WLM_BQRYL

WLM_BQRYREQ

WLM_BQRYSEC

WLM_BQRYSIZE

WLM_BQRYSYS

WLM_BQRYTIME

WLM_BQSHDR

WLM_BQSRC

WLM_BQSSC

WLM_BRIP

WLM_BRIP_XNUMSYS

WLM_BRIP_XPLISTLEN

WLM_BRIP_XQTOKEN

WLM_BRIP_XRSV0001

WLM_BRIP_XRSV001C

WLM_BRIP_XSYSTEML_ADDR

WLM_BRIP_XVERSION

WLM_BRIPCNT

WLM_BRIPL

WLM_BRIPMMSK

WLM_BRIPSIZE

WLM_BRIPSYS

WLM_BSMP

WLM_BSMP_XBQS

WLM_BSMP_XPLISTLEN

WLM_BSMP_XRSV0001

WLM_BSMP_XRSV0040

WLM_BSMP_XRSV0044

WLM_BSMP_XSVDEF_ID

WLM_BSMP_XVERSION

WLM_BSMPL

WLM_BSMPRESN

WLM_BSMPRETC

WLM_CLSFYWRK

WLM_CLSLMTUP

WLM_COMMECB

WLM_CONNTOKN

WLM_CRHIGHRC

WLM_CRHIGHSC

WLM_CRPLEXRC

WLM_CSMBRIP

WLM_CSMGTFTTR

WLM_CSMMTXIN

IATYWLM Cross Reference

Name

WLM_CURRSTAK
WLM_DEFPOLCY
WLM_DREGSCAN
WLM_DREGSCTM
WLM_DRGSCAN

WLM_DSPALET
WLM_DSPEND
WLM_DSPFREE
WLM_DSPORIGN
WLM_DSPSTOKN

WLM_DUMPECB
WLM_DWORK
WLM_ECBADD1
WLM_ECBADD2
WLM_ECBADD3

WLM_ECBLIST
WLM_ECFR101
WLM_ECFR201
WLM_ECFR202
WLM_ECFR204

WLM_ECFR208
WLM_ECFR210
WLM_ECFR220
WLM_ECFR240
WLM_ECFR280

WLM_ECF1
WLM_ECF1POST
WLM_ECF2
WLM_END
WLM_ESTAEX

WLM_EVENT
WLM_EVTROUTR
WLM_FCTFAIL
WLM_FCTFLG1
WLM_FCTFLG2

WLM_FCTFLG3
WLM_FCTR101
WLM_FCTR201
WLM_FCTR202
WLM_FCTR204

WLM_FCTR208
WLM_FCTR210
WLM_FCTR220
WLM_FCTR240
WLM_FCTR280

WLM_FCTR301
WLM_FCTR302
WLM_FCTR304
WLM_FCTR308
WLM_FCTR310

WLM_FCTR320
WLM_FCTR340
WLM_FCTR380
WLM_FJRRETRY
WLM_FLAG1

WLM_FLAG2
WLM_FLGR101
WLM_FLGR102
WLM_FLGR104
WLM_FLGR201

Name

WLM_FLGR202
 WLM_FLGR204
 WLM_FLGR208
 WLM_FLGR210
 WLM_FLGR220

 WLM_FLGR240
 WLM_FLGR280
 WLM_FSMCOLCT
 WLM_GENF
 WLM_GSMANLYZ

 WLM_GSMTIMER
 WLM_GTFBUFAD
 WLM_GTFBUFSZ
 WLM_IATWLCSM
 WLM_IATWLDRG

 WLM_IATWLDRV
 WLM_IATWLEVT
 WLM_IATWLFJR
 WLM_IATWLFSM
 WLM_IATWLGSM

 WLM_IATWLJCK
 WLM_IATWLLSM
 WLM_IATWLRCL
 WLM_IATWLSRR
 WLM_IATWLSTA

 WLM_IATWLSTK
 WLM_ID
 WLM_INITFAIL
 WLM_IXAC
 WLM_IXAC_KEYUSED_DATA

 WLM_IXAC_KEYUSED_DATALEN

 WLM_IXAC_KEYUSED_SYSRC

 WLM_IXAC_KEYUSED_SYSRSN

 WLM_IXAC_KEYUSED_USERRC

 WLM_IXAC_XDATA

 WLM_IXAC_XDATALEN

 WLM_IXAC_XEYECATCH

 WLM_IXAC_XGROUPTOKEN

 WLM_IXAC_XKEYS

 WLM_IXAC_XMSGATTR

 WLM_IXAC_XMSGATTR_EXPRESS

 WLM_IXAC_XMSGATTR_J3CONNECT

 WLM_IXAC_XMSGTOKEN

 WLM_IXAC_XSTB

 WLM_IXAC_XSTB_NO

IATYWLM Cross Reference

Name

WLM_IXAC_XSTB_YES

WLM_IXAC_XSYSRC

WLM_IXAC_XSYSRSN

WLM_IXAC_XUSERRC

WLM_IXAC_XVERSION

WLM_IXACL

WLM_IXMB

WLM_IXMB_XEYECATCH

WLM_IXMB_XGROUPTOKEN

WLM_IXMB_XMBOXNAME

WLM_IXMB_XPOSTALET

WLM_IXMB_XPOSTDATA

WLM_IXMB_XPOSTXIT

WLM_IXMB_XRSV0001

WLM_IXMB_XSYSEVENT_NO

WLM_IXMB_XSYSEVENT_YES

WLM_IXMB_XSYSEVENTS

WLM_IXMB_XVERSION

WLM_IXMBL

WLM_IXMC

WLM_IXMC_XEYECATCH

WLM_IXMC_XGROUPTOKEN

WLM_IXMC_XMBOXNAME

WLM_IXMC_XSTB

WLM_IXMC_XSTB_NO

WLM_IXMC_XSTB_YES

WLM_IXMC_XVERSION

WLM_IXMCL

WLM_IXMD

WLM_IXMD_XEYECATCH

WLM_IXMD_XGROUPTOKEN

WLM_IXMD_XMBOXNAME

WLM_IXMD_XSTB

Name

WLM_IXMD_XSTB_NO
WLM_IXMD_XSTB_YES
WLM_IXMD_XVERSION
WLM_IXMDL
WLM_IXRM
WLM_IXRM_XEYECATCH
WLM_IXRM_XGROUPTOKEN
WLM_IXRM_XMBOXNAME
WLM_IXRM_XPOSTALET
WLM_IXRM_XPOSTDATA
WLM_IXRM_XPOSTXIT
WLM_IXRM_XRSV0001
WLM_IXRM_XSYSEVENT_NO
WLM_IXRM_XSYSEVENT_YES
WLM_IXRM_XSYSEVENTS
WLM_IXRM_XVERSION
WLM_IXRML
WLM_IXSM
WLM_IXSM_KEYUSED_CONNECT
WLM_IXSM_KEYUSED_DATAALET
WLM_IXSM_KEYUSED_ECB
WLM_IXSM_KEYUSED_EXIT
WLM_IXSM_KEYUSED_MSGATTR
WLM_IXSM_KEYUSED_MSGTOKEN
WLM_IXSM_KEYUSED_RELEASE_CADS
WLM_IXSM_KEYUSED_REQMBOX
WLM_IXSM_KEYUSED_REQTOKEN
WLM_IXSM_KEYUSED_REQTYPE
WLM_IXSM_KEYUSED_RIPSIZE
WLM_IXSM_KEYUSED_SEGTYPE
WLM_IXSM_XCONNECT
WLM_IXSM_XDATA

IATYWLM Cross Reference

Name

WLM_IXSM_XDATAALET
WLM_IXSM_XDATALEN
WLM_IXSM_XECB
WLM_IXSM_XEXIT
WLM_IXSM_XEYECATCH
WLM_IXSM_XGROUPTOKEN
WLM_IXSM_XKEYS
WLM_IXSM_XKEYS1
WLM_IXSM_XMBOXNAME
WLM_IXSM_XMEMBER
WLM_IXSM_XMSGATTR
WLM_IXSM_XMSGATTR_EXPRESS
WLM_IXSM_XMSGATTR_J3CONNECT
WLM_IXSM_XMSGTOKEN
WLM_IXSM_XREQMBOX
WLM_IXSM_XREQTOKEN
WLM_IXSM_XREQTYPE
WLM_IXSM_XREQTYPE_ASYNC
WLM_IXSM_XREQTYPE_ASYNCACK
WLM_IXSM_XREQTYPE_COMM
WLM_IXSM_XREQTYPE_SYNC
WLM_IXSM_XRESPDALT
WLM_IXSM_XRESPDATA
WLM_IXSM_XRESPDLEN
WLM_IXSM_XRIPSIZE
WLM_IXSM_XRSV00001
WLM_IXSM_XSEGTYPE
WLM_IXSM_XSEGTYPE_ABORT
WLM_IXSM_XSEGTYPE_FIRST
WLM_IXSM_XSEGTYPE_LAST

Name

WLM_IXSM_XSEGTYPE_MIDDLE

WLM_IXSM_XSEGTYPE_SINGLE

WLM_IXSM_XUSERRC

WLM_IXSM_XVERSION

WLM_IXSML

WLM_JCKSTART

WLM_JCTCHKPT

WLM_JCTCKPTM

WLM_JQES

WLM_JQES_MAX_KEYS

WLM_JQESSIZE

WLM_JQUESTOKN

WLM_LASTBQRY

WLM_LOCKECB

WLM_LSMPOSTX

WLM_LSMSAMPL

WLM_MBNAME

WLM_MSGDATAD

WLM_MSGDATLN

WLM_MSGP

WLM_MSGTOKEN

WLM_NEWSRVDF

WLM_NOSLEEP

WLM_NSERFLGS

WLM_PARMLST

WLM_PCHCOMP

WLM_POLCYCHG

WLM_PREVSRVC

WLM_PVHIGHRC

WLM_PVHIGHSC

WLM_PVPLEXRC

WLM_RCINPROG

WLM_RCLPOLCH

WLM_RCLPOST

WLM_RECLJOBS

WLM_RECARM

WLM_RECRTNAD

WLM_RECSTACK

WLM_RECSTKLN

WLM_RECSTLST

WLM_RESACT

WLM_RESCAN

WLM_RPTCCOPY

WLM_RSVD

WLM_RSVD1

WLM_RSVD2

WLM_SAMPALL

WLM_SAMPECB

WLM_SAMPFCTW

WLM_SAMPINTV

WLM_SAMPLE

WLM_SAMPLOCK

WLM_SAMPMAXI

WLM_SAMPMINI

IATYWLM Cross Reference

Name

WLM_SAMPMMMSK
WLM_SAMPNCCT
WLM_SAMPOWNR
WLM_SAMPSYS
WLM_SAMPTIME

WLM_SAMPTMID
WLM_SAMPTSKW
WLM_SAMPWAIT
WLM_SAVE
WLM_SDUMPX

WLM_SELF
WLM_SERFLGS
WLM_SIZE
WLM_SLEEPMOD
WLM_SLEN

WLM_SLOWMODE
WLM_SLRANGCT
WLM_SLRANGEN
WLM_SLRANGST
WLM_SLSTOKEN

WLM_SLTOTLEN
WLM_SRVCCNT
WLM_SRVCFRST
WLM_SRVCLAST
WLM_SRVDEFID

WLM_SRVDEFWK
WLM_SSALLNXT
WLM_STACKCNT
WLM_STAR
WLM_STAROUTR

WLM_START
WLM_STIMERM
WLM_STINCOMP
WLM_STORLIST
WLM_STPARMLS

WLM_SUBTFAIL
WLM_SYSCNT
WLM_TASKTCB
WLM_TIMEECB
WLM_TSKFLG1

WLM_TSKFLG2
WLM_TSKFLG3
WLM_TSKNXTSV
WLM_TSKR101
WLM_TSKR201

WLM_TSKR202
WLM_TSKR204
WLM_TSKR208
WLM_TSKR210
WLM_TSKR220

WLM_TSKR240
WLM_TSKR280
WLM_TSKR301
WLM_TSKR302
WLM_TSKR304

WLM_TSKR308
WLM_TSKR310
WLM_TSKR320
WLM_TSKR340
WLM_TSKR380

Name

WLM_TSKSAVE
WLM_TSKSAVE2
WLM_TSKSAVE3
WLM_TSKSVLEN
WLM_TSKWORK

WLM_TSKWORK1
WLM_TSKWORK2
WLM_TSKWORK3
WLM_TSKWORK4
WLM_TSKWORK5

WLM_TVT
WLM_USMPMMSK
WLM_WJSGMS
WLM_WJSMINW
WLM_WJSMDS

WLM_WJSQHRS
WLM_WORK1
WLM_WORK2
WLM_WORK3
WLM_WSTBADDR

WLM_WSTBSIZE
WLM_WSTBSRVC

IATYWSB Information

IATYWSB Heading Information

Common Name: WORKSTATION CONTROL BLOCK Workstation Control Block
Macro ID: IATYWSB
DSECT Name: IATYWSB
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: WSB
 Offset: WSBCBDES
 Length: 4
Storage Attributes: Auxiliary Storage: JES3 Spool Dataset
 Subpool: SRDPOOL
 Key: 1
 Data Space: None
 Residency: Private any
Size: 260 Bytes
Created by: IATSNLB
Pointed to by: Chained off SRTWSBWQ field of the SRT data area and SRTWSCHN is pointed to by LCBWSK field of the LCB data area.
Serialization: ENQ/DEQ (IATYENQ/IATYDEQ) are used for serialization, of certain fields.
Function: This is the DSECT for the workstation control block. It contains information necessary to define a workstation and map the devices and sessions together. Also contained here are workstation related flags.

Dependencies: IATYDVEN must be used when issuing IATYWSB

IATYWSB Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYWSB	
0	(0)	CHARACTER	4	WSBCBDES	WSB CONTROL FIELD
4	(4)	CHARACTER	8	WSBNAME	WORKSTATION NAME
12	(C)	CHARACTER	8	WSBCTBN	DEFAULT COMPACTION TABLE NAME
20	(14)	CHARACTER	8	WSBAUTLU	AUTO LOGON LU NAME
28	(1C)	ADDRESS	4	WSBWSCHN	CHAIN FIELD USED TO CHAIN ACTIVE WSB
32	(20)	ADDRESS	4	WSBWQ	CHAIN FIELD USED TO CHAIN WSB'S WAITING FOR ALL PUTUNITS TO BE DONE
36	(24)	ADDRESS	4	WSBLCBA	ADDRESS OF FIRST LCB FOR THIS WS
40	(28)	ADDRESS	4	WSBSUPAD	ADDRESS OF 1ST SUPUNIT FOR THIS WS
44	(2C)	ADDRESS	4	WSBRLTA	ADDRESS OF RLT ENTRY FOR THIS WS
48	(30)	ADDRESS	4	WSBRDRDE	POINTER TO FIRST READER DEVICE ENTRY
52	(34)	ADDRESS	4	WSBPRTDE	POINTER TO FIRST PRINTER DEVICE ETRY
56	(38)	ADDRESS	4	WSBPUDE	POINTER TO FIRST PUNCH DEVICE ENTRY
60	(3C)	ADDRESS	4	WSBCONDE	POINTER TO INBOUND CONSOLE DEVICE OUTBOUND CONSOLE ENTRY FOLLOWS
64	(40)	ADDRESS	4	WSBLUNA	PTR TO FIRST ENTRY IN LU NAME LST
68	(44)	SIGNED	2	WSBLUNUM	NUMBER OF ENTRIES IN LU NAME LIST DEFAULT SHOULD BE 0
70	(46)	BITSTRING	1	WSBDVNUM	NUMBER OF DEVICE ENTRIES FOR THIS WS NUMBER = RDNUM+PRNUM+PUNUM+2 FOR CONSOLE (INBOUND & OUTBOUND)
71	(47)	BITSTRING	1	WSBOBSES	COUNT OF OUTBOUND SESSIONS
72	(48)	BITSTRING	1	WSBIBSES	COUNT OF INBOUND SESSION

IATYWSB Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
IATYCNDDB_1::					
START OF SPECIFICATIONS					
01		PROPRIETARY STATEMENT=			
		PROPRIETARY_STATEMENT			
		LICENSED MATERIALS - PROPERTY OF IBM			
		5647-A01 COPYRIGHT IBM CORP. 1989, 2010			
		STATUS= HJS7770			
		END_OF_PROPRIETARY_STATEMENT			
		This data area is maintained as a CASE mapping macro.			
		Changes should be made to the CASE source and then			
		the PLX and Assembler should be regenerated.			
		Do NOT make changes to the PLX or Assembler directly!			
01		Descriptive Name: Console Destination Block			
		Acronym: CNDB			
01		Macro Name: IATYCNDDB			
01		DSECT Name: IATYCNDDB			
		--based variable for storage mapping			
01		Component: JES3 (SC1BA)			
01		Function:			
02		The console destination block is a control block that			
		contains information related to the destination that			
		messages should be sent to. This control block is built			
		as commands are entered into to the system and is used by			
		command processors as a destination for where to return			
		messages to. The control block is imbeded in other			
		control blocks and the size of the data area must not			
		change (otherwise a JES3 cold start is required). The			
		data is referenced by non-source maintained modules, so			
		offsets into the data area must not change.			
01		Eye-Catcher: CNDBEYE			
02		Offset: 4			
02		Length: 4			
01		Language: PL/X			
01		Storage Attributes:			
02		Allocation Method: Imbeded within other control blocks			
02		Main Storage: 94			
02		Virtual Storage: 94			
02		Auxiliary Storage: 94			
02		Subpool: n/a			
02		Key: 1			
02		Data Space: N/A			
02		Residency: any			
02		Frequency: n/a			
02		Size: 94			
02		Created by: n/a			
02		Deleted by: n/a			
02		Pointed to by: Imbeded within other control blocks			
02		Serialization: none			
01		EXTERNAL CLASSIFICATION: DMTI			
01		END OF EXTERNAL CLASSIFICATION:			
01		Method Of access:			
02		ASM: IATYCNDDB			
02		PLX: %INCLUDE SYSLIB(IATYCNDDB)			
01		CHANGE ACTIVITY:			
		\$QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support			
		\$RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init			
		\$T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0			
		CASE/390 - VERSION 49			
		END OF SPECIFICATIONS			
		%			
End of Comment					

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
76	(4C)	SIGNED	4	WSBCNDB (0)	IATYCNDB.27: based variable for storage mapping
76	(4C)	SIGNED	4		Four byte console id 0176
80	(50)	CHARACTER	4		IATYCNDB eyecatcher
84	(54)	ADDRESS	4		IATYCNDB version
88	(58)	BITSTRING	8		Reserved for development
96	(60)	BITSTRING	8		Console Name 0176
104	(68)	BITSTRING	24		Reserved for development
128	(80)	SIGNED	2		Reserved for development
130	(82)	BITSTRING	40		Reserved for development
170	(AA)	BITSTRING	1		RESERVED

Comment

ALL FLAGS WITHIN WSBCSFL MUST BE MINUPLATED BY COMPARE AND SWAP DUE TO SRB AND DSP UPDATING IN MP

End of Comment

172	(AC)	SIGNED	4	(0)	INSURE WORD ALIGNMENT
172	(AC)	BITSTRING	1	WSBCSFL	COMPARE AND SWAP FLAG
172	(AC)	X'AC'	0	WSBSTOP	"WSBCSFL" STOP BIT TO STOP SESSION TO PERMIT CONSOLE IN
		1...		WSBSTOPM	"X'80" STOP FLAG
172	(AC)	X'AC'	0	WSBSGNL	"WSBCSFL" FLAG INDICATING SIGNAL NEEDS SENT
		.1...		WSBSGNLM	"X'40" SIGNAL NEEDED FLAG
172	(AC)	X'AC'	0	WSBCNSL	"WSBCSFL" FLAG INDICATING CONSOLE NEEDS A SESSION
		..1.		WSBCNSLM	"X'20" CONSOLE NEED A SESSION FLAG
172	(AC)	X'AC'	0	WSBINHP	"WSBCSFL" INHIBIT PR1 OPEN FLAG
		...1		WSBINHPM	"X'10" INHIBIT PR1 MASK
172	(AC)	X'AC'	0	WSBCEDS	"WSBCSFL" CON HAS SENT AN EDS
		.... 1...		WSBCEDSM	"X'08" MASK FOR ABOVE
172	(AC)	X'AC'	0	WSBCOPN	"WSBCSFL" CONSOLE WANTS A SESSION BUT PREVIOUS EDS IS NOT YET COMPLETE
		.... .1..		WSBCOPNM	"X'04" MASK FOR ABOVE
172	(AC)	X'AC'	0	WSBICK	"WSBCSFL" INBOUND CONSOLE LOCK
		.... ..1.		WSBICKM	"X'02" MASK FOR ABOVE
176	(B0)	SIGNED	4	(0)	ADVANCE TO NEXT WORD

Comment

FLAG BYTE 1 ARE FLAG WHICH MUST APPEAR IN ALL BIND RU IF THEY APPEAR IN ONE

End of Comment

176	(B0)	BITSTRING	1	WSBFLAG1	FLAG BYTE 1 LU SERVICE FLAGS
176	(B0)	X'B0'	0	WSBALLF	"WSBFLAG1" ALL SESSIONS MUST BIND WITH THESE OPTIONS IF ANY ONE DOES
		1...		WSBPDIR	"X'80" PDIR IS SUPPORTED FOR THIS WS
		.1...		WSBCRIN	"X'40" CARD INPUT ACCEPTED FROM THIS WS
		..1.		WSBCROPT	"X'20" CARD OUTPUT PERMITTED FOR THIS WS
		...1		WSBPROPT	"X'10" PRINTER OUTPUT PERMITTED FOR THIS WORKSTATION
		.... 1...		WSBCMI	"X'08" COMPRESSION INBOUND ON IN BIND
		.... .1..		WSBCMO	"X'04" COMPRESSION OUTBOUND ON IN BIND
		.... ..1.		WSBCPI	"X'02" COMPACTION INBOUND ON IN BIND
		.... ...1		WSBCPO	"X'01" COMPACTION OUTBOUND ON IN BIND
177	(B1)	BITSTRING	1	WSBALLF1	CONT. OF WSBALLF
		1...		WSBASC	"X'80" ALTERNATE CODE ON IN BIND
		.1...		WSBSPN	"X'40" RU SPANNING ON IN BIND

IATYWSB Map

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

WSBFLAG2 CONTAINS MISCELLANEOUS WORK FLAGS SET ONLY UNDER THE SNARJP DSP (NO SERIALIZATION IS NECESSARY).

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
End of Comment					
178	(B2)	BITSTRING	1	WSBFLAG2	FLAG BYTE 2 DFC FLAGS
178	(B2)	X'B2'	0	WSBCEP	"WSBFLAG2" CONSOLE EQUALS PRINTER FLAG
		1... ..		WSBCEPM	"X'80" CONSOLE EQUALS PRINTER MASK SET AT INITIALIZATION
		.1.. ..		WSBWSTRM	"X'40" WORKSTATION IS TERMINATING
		..1.		WSBWSIT	"X'20" WORKSTATION IS BEING IMMEDIATELY TERMINATED
179	(B3)	BITSTRING	1		RESERVED

Comment

THE FOLLOWING IS A USER FIELD

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
End of Comment					
180	(B4)	SIGNED	4	WSBUSER (2)	USER FIELD
188	(BC)	SIGNED	2	WSBRSVD1	RESERVED FOR DEVELOPMENT
190	(BE)	SIGNED	2	WSBFQET	ELAPSED TIME ON SRTWPFQ
192	(C0)	SIGNED	4	WSBFQTIME	HI-ORDER WORD OF TOD CLK WHEN WSB IS PUT ON SRTWPFQ
196	(C4)	ADDRESS	4	WSBLFDQ	LCB FORCE DISCONNECT Q HDR
200	(C8)	ADDRESS	4	WSBWPFQ	CHAIN FIELD USED WHEN THE WSB IS QUEUED ON THE SRT WSB PENDING FREE QUEUE (SRTWPFQ)
204	(CC)	SIGNED	4	WSBICID	CURRENT SESS USING IN CONS
208	(D0)	SIGNED	4	WSBRSVS1 (3)	RESERVED FOR SERVICE

Comment

THE FOLLOWING FIELD ARE IN THE WSB FOR EXPANSION DURING TEST

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
End of Comment					
220	(DC)	CHARACTER	8	WSBMODE	MODE TABLE NAME FOR USE WITH SIMLOGON
228	(E4)	SIGNED	4	WSBRSVD2 (2)	RESERVED FOR DEVELOPMENT
236	(EC)	SIGNED	4	WSBRSVS2 (3)	RESERVED FOR SERVICE
248	(F8)	BITSTRING	3	WSBRSVS3	RESERVED FOR SERVICE
251	(FB)	BITSTRING	1	WSBFLAG3	MISC FLAG FIELD
		1... ..		WSBSETUP	"X'80" FORCE SETUP AT LOGON
252	(FC)	SIGNED	4	WSBRSVU2 (2)	RESERVED FOR USER
260	(104)	SIGNED	4	WSBFILL (0)	INSURES WSB ENDS ON A FULLWORD
260	(104)	X'104'	0	WSBLEN	"*-IATYWSB" LENGTH OF WSB

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

WSBLUNAM --- L U N A M E L I S T

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
End of Comment					
0	(0)	CHARACTER	8	WSBLUNM	LU NAME OF LU PERMITTED TO LOGON FROM THIS WORKSTATION
8	(8)	SIGNED	4	(0)	INSURE EACH ENTRY IS ON A FULLWORD
8	(8)	X'8'	0	WSBLUML	"*-WSBLUNAM" LENGTH OF AN ENTRY IN LU NAME LIST

IATYWSB Cross Reference**Name**

IATYWSB
WSBALLF
WSBALLF1
WSBASC
WSBAUTLU

WSBCBDES
WSBCEDS
WSBCEDSM
WSBCEP
WSBCEPM

WSBCMI
WSBCMO
WSBCNDB
WSBCNSL
WSBCNSLM

WSBCONDE
WSBCOPN
WSBCOPNM
WSBCPI
WSBCPO

WSBCRIN
WSBCROPT
WSBCSFL
WSBCTBN
WSBDVNUM

WSBFILL
WSBFLAG1
WSBFLAG2
WSBFLAG3
WSBFQET

WSBFQTME
WSBIBSES
WSBICID
WSBICK
WSBICKM

WSBINHP
WSBINHPM
WSBLCBA
WSBLEN
WSBLFDQ

WSBLUML
WSBLUNA
WSBLUNAM
WSBLUNM
WSBLUNUM

WSBMODE
WSBNAME
WSBOBSES
WSBPDIR
WSBPROPT

WSBPRTDE
WSBPUDE
WSBRDRDE
WSBRLTA
WSBRSVD1

IATYWSB Cross Reference

Name

WSBRSVD2
WSBRSVS1
WSBRSVS2
WSBRSVS3
WSBRSVU2

WSBSETUP
WSBSGNL
WSBSGNLM
WSBSPN
WSBSTOP

WSBSTOPM
WSBSUPAD
WSBUSER
WSBWPFQ
WSBWQ

WSBWSCHN
WSBWSIT
WSBWSTRM

Heading Information • IATYWSP Map

IATYWSP Heading Information

Common Name: OUTPUT SELECT PARAMETERS
Macro ID: IATYWSP
DSECT Name: WSPSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: WSP
 Offset: 176
 Length: 4
Storage Attributes: Main Storage: JESPOOL when used in IATYWTR, JES3 NUCLEUS when used in IATOSDR
 Auxiliary Storage: N/A
Size: 468 Bytes
Created by: SEE BELOW
Pointed to by: THE WSP IS CONTAINED WITHIN MODULE IATODDR WHEN USED BY THE OUTPUT SERVICE DRIVER AND IN IATYWTR, THE WRITER DATA AREA, WHEN USED BY IATOSWD AND IATOSFD.
Serialization: NONE
Function: THIS MACRO IS USED TO MAP THE PARAMETER AREA USED BY THE OUTPUT SERVICE SCHEDULING ROUTINES IATOSWS, IATOSSC AND IATOSPC. IT IS ALSO USED TO MAP ENTRIES IN THE QUEUE OF HOT WRITERS WAITING FOR WORK.

MACRO DEPENDENCIES = THE IATYFDB DSECT MUST BE INCLUDED PRIOR TO USING THIS MACRO.
 THE IATYSSX DSECT MUST BE INCLUDED PRIOR TO USING THIS MACRO.

IATYWSP Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	WSPSTART	
0	(0)	SIGNED	2	WSPTEJBC	Compatible with WSPTEJBI - see IATXJBNO macro
2	(2)	CHARACTER	8	WSPTEUID	USER ID (SYSOUT)
2	(2)	X'2'	0	WSPJOBID	"WSPTEUID" JOB ID (SYSOUT)
0	(0)	ADDRESS	4	WSPCHAIN	WAIT FOR WORK CHAIN FIELD
0	(0)	X'0'	0	WSPRECRD	"WSPCHAIN" TOTAL RECORDS PENDING JOB
4	(4)	ADDRESS	4	WSPAECF	ECF ADDRESS, NEW WORK
8	(8)	BITSTRING	1	WSPMASK	ECF MASK FIELD, NEW WORK
9	(9)	BITSTRING	1	WSPHCNT	COUNT OF OUTSERV FCT'S 0370 WAITING TO PROCESS THIS 0370 HOT WRITER 0370
10	(A)	BITSTRING	1	WSPFLAG	FLAG BYTE

Comment

 DEFINITION OF WSPFLAG

End of Comment

1... ..	WSPSELK	"X'80" RQ OSE LOCK HELD
.1.. ..	WSPSSREQ	"X'40" SUBSYSTEM REQUEST
..1.	WSPSYSRQ	"X'20" PROCESS SYSOUT REQUEST
...1	WSPDEL	"X'10" DELETE REQUEST
.... 1...	WSPREL	"X'08" RELEASE REQUEST
.... .1..	WSPPUT	"X'04" PUT REQUEST
.... ..1.	WSPGET	"X'02" GET REQUEST
.... ...1	WSPSCHED	"X'01" SCHEDULE REQUEST

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

THE FOLLOWING FLAGS ARE DOUBLE DEFINED. THEY ARE ONLY USED BY IATOSPC FOR PROCESS SYSOUT REQUESTS. THE FLAGS THEY ARE EQUATED TO ARE USED BY IATOSSC AND IATOSWS FOR OUTPUT SERVICE REQUESTS.						

End of Comment						
10	(A)	X'10'	0	WSPFIRRQ	"WSPDEL" FIRST SYSOUT PSO REQUEST	
10	(A)	X'8'	0	WSPOKRET	"WSPREL" REQUEST ENDED SUCCESSFULLY	
10	(A)	X'1'	0	WSPRQCMP	"WSPSCHED" REQUEST IS COMPLETE	
11	(B)	BITSTRING	1	WSPFLG1	FLAG BYTE 1	
Comment						

DEFINITION OF WSPFLG1						
WSPPEND (Writer) and WSPTSO (PSO) doubly defined						
WSPCKPRQ (PSO) and WSPSAFFL (OUTSERV) doubly defined						

End of Comment						
		1...		WSPCKPT	"X'80" CHECKPOINT DATA SET FOUND	
		.1.		WSPCMPL	"X'40" THIS JOB IS COMPLETE	
		..1.		WSPPOSTD	"X'20" WRITER POSTED	
		...1		WSPSTRTD	"X'10" WRITER STARTED	
		.... 1...		WSPPEND	"X'08" PENDING ENTRY FOUND	
11	(B)	X'8'	0	WSPTSO	"WSPPEND" TSO REQUEST FOR PSO WSP	
		.... .1..		WSPCHNGE	"X'04" CHANGE FOUND	
		.... ..1.		WSPFAILD	"X'02" FAILURE HAS OCCURED.	
		.... ...1		WSPCKPRQ	"X'01" CHECKPOINT REQUIRED	
11	(B)	X'1'	0	WSPSAFFL	"WSPCKPRQ" SAF call failed during wait queue search	
12	(C)	SIGNED	4	(0)	WORD ALIGNMENT 3429	
Comment						

The fields WSPPOSTJC and WSPFDBT are doubly defined. WSPPOSTJC, in conjunction with WSPPOSTJI, is used only for hot writer wait queue processing.						

End of Comment						
12	(C)	SIGNED	2	WSPPOSTJC	Compatible with WSPPOSTJI - see IATXJBNO macro	
Comment						

WSPFDBT is used in conjunction with WSPFDBTB to hold the OSE FDB and previous sequence number (unlike most similar fields, these two are not consecutive).						

End of Comment						
12	(C)	BITSTRING	12	WSPFDBT	Temporary OSE	
24	(18)	SIGNED	2	WSPRVS6	Reserved for IBM	
26	(1A)	SIGNED	2	WSPLEN	Length of WSP	
28	(1C)	BITSTRING	6	WSPJDS	JDS SPOOL ADDRESS SAVE AREA	
34	(22)	BITSTRING	1	WSPFLG8	FLAG BYTE 8	

IATYWSP Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Comment					
----- DEFINITION OF WSPFLG8 (CLEARED UPON ENTRY TO IATOSPC) -----					
----- End of Comment					
		1... ..		WSPRQACC	"X'80" SET WHEN RQ ACCESS OBTAINED BY THE IATXARQ MACRO, RESET WHEN RQ ACCESS IS RELEASED
		.1.. ..		WSPBDTRQ	"X'40" PSO REQUEST IS FROM BDT
		..1. ..		WSPNJERT	"X'20" PSO REQUEST IS FROM REROUTE
		...1 ...		WSPNJERD	"X'10" PSO REQUEST IS FROM NJERDR
		.... 1..		WSPRQPRM	"X'08" PARM RQ SUPPLIED ON INPUT
		.... .1..		WSPJBFND	"X'04" OSS/MOSE INDICATES WORK EXISTS
		.... ..1.		WSPHWWQP	"X'02" Set when Hot Writer Wait Queue post occurred
		.... ...1		WSP8RSV3	"X'01" RESERVED FOR SERVICE
35	(23)	BITSTRING	1	WSPOSPC	IATOSPC ERROR REASON CODE
----- Comment					
----- DEFINITION OF OSPC ERROR REASON CODE -----					
----- End of Comment					
		.... ....		WSPRCCL	"X'00" NO ERROR CODE ASSOCIATED
		.... ...1		WSPRCJOB	"X'01" BAD JOB NAME/NUMBER/RSQ
		.... ..1.		WSPRCPSO	"X'02" INVALID USER OF PSO WITH GROUP ID SELECTION
		.... ..11		WSPRCRQ	"X'03" RSQ REQUIRED BUT IS MISSING
		.... .1..		WSPRCDAC	"X'04" JOB IS BEING DUMPED
		.... .1.1		WSPRCOUT	"X'05" NO OUTPUT
		.... .11.		WSPRCINV	"X'06" INVALID SEARCH ARGUMENT
		.... .111		WSPRCAWR	"X'07" AWRITE ERROR
		.... 1...		WSPRCDAT	"X'08" INVALID DATA
		1111 1111		WSPRCDMP	"X'FF" SEVERE ERROR - DUMP ALREADY GENERATED
36	(24)	BITSTRING	12	WSPFDBSV	SAVE FDB FOR PREVIOUS OSE 7#
48	(30)	SIGNED	4	WSPSSCWA	Work area for IATOSSC
52	(34)	BITSTRING	14	WSPRSVS5	Reserved for IBM
66	(42)	BITSTRING	2	WSPCKJBC	Compatible checkpoint jobid
----- Comment					
----- WSPRSV01 uses the same area occupied by WSPCRJOB in releases prior to HJS7705. Do not use this area until HJS7703 and all lower releases are out of service. -----					
----- End of Comment					
68	(44)	CHARACTER	2	WSPRSV01	' Reserved - do not use
70	(46)	BITSTRING	1	WSPFLG9	Flag byte 9
----- Comment					
----- DEFINITION OF WSPFLG9 -----					
----- End of Comment					

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		1...		WSPXJMR	"X'80" IATXJMR issued - field WSPSAVE contains the data set entry pointer
		.1..		WSPQCHG	"X'40" Dataset is moving from hold queue to writer queue
		..1.		WSPDFDST	"X'20" Destination restored to default
		...1		WSPSRCHP	"X'10" OSES000 should search for previous OSE buffer if not provided
		.... 1...		WSPNDOPT	"X'08" Writer output pending 0089
		.... .1..		WSPENF58	"X'04" ENF58 DeSelect done
		.... ..1.		WSP4BOSE	"X'02" PSO processor supports four-byte OSE seq num
		.... ...1		WSP4BOSD	"X'01" PSO DSP supports four-byte OSE sequence number
71	(47)	BITSTRING	1	WSPFLG7	FLAG BYTE 7

Comment

 DEFINITION OF WSPFLG7
 (CLEARED UPON ENTRY TO IATOSPC)

End of Comment

		1...		WSPCDEST	"X'80" DEST CHANGED BY CLASS
		.1..		WSPUNSCH	"X'40" OSPC UNSCHEDULED AN OSE 0668
		..1.		WSPPBSKP	"X'20" A BUFFER WAS SKIPPED USING RCE/CSBT OR DELETED
		...1		WSPCLNUP	"X'10" CLEANUP OPTION SPECIFIED ON AN IATXPOSE CALL
		.... 1...		WSPFL708	"X'08" Reserved for IBM

Comment

THIS LINE DELETED BY APAR OW32807

End of Comment

		.... .1..		WSPJOBWP	"X'04" JOB REPOSITION INDICATOR
		.... ..1.		WSPLTTCB	"X'02" Output moved from local to 05209SRC TCP destination with 05209SRA OUTPUT statement 05209SRA
		.... ...1		WSPLTNO	"X'01" Output moved from local to 05209SRC TCP destination with 05209SRA no OUTPUT statement 05209SRA
72	(48)	SIGNED	4	WSPSECPT	POINTER TO GETMAINED AREA FOR USE BY IATXSEC
76	(4C)	SIGNED	4	WSPSAVE	WORK SAVE AREA
80	(50)	SIGNED	4	WSPPCPT	PTR TO PSSC CONTROL BLOCK 0357 (The D.F.R. memorial PSSC 0049 pointer) 0049
84	(54)	SIGNED	2	WSPBUFNC	OSE buffer number compatible value - see WSPBUFN4
86	(56)	SIGNED	2	WSPOFFST	OSE OFFSET VALUE
88	(58)	CHARACTER	1	WSPCCNTL	OSE CARRIAGE CONTROL VALUE
89	(59)	BITSTRING	4	WSPFFDBV	OSE FDB VALIDITY VALUE 05209SRA
93	(5D)	BITSTRING	1	WSPFLG11	Flag byte 11 05209SRA

Comment

----- 05209SRA
 Definition of WSPFLG11 05209SRA
 ----- 05209SRA

End of Comment

		1...		WSPBLTCP	"X'80" TCP/NJE OSEs built via 05209SRA QBDOSE 05209SRA
		.1..		WSPBLBDT	"X'40" SNA/NJE OSEs built via 05209SRA QBDOSE 05209SRA

IATYWSP Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		..1.		WSPINTCP	"X'20" QBDOSE should build TCP 05209SRA OSEs (if off, BDT OSEs) 05209SRA
		...1		WSPBHLDC	"X'10" Select BDT work in operator 06471SXC hold if cancel issued 06471SXA
		.... 1...		WSPF1108	"X'08" Reserved for IBM 05209SRA
		.... .1..		WSPF1104	"X'04" Reserved for IBM 05209SRA
		.... ..1.		WSPF1102	"X'02" Reserved for IBM 05209SRA
		.... ...1		WSPF1101	"X'01" Reserved for IBM 05209SRA 05209SRA
94	(5E)	BITSTRING	2	WSPRSVDV	Reserved for IBM 05209SRC
96	(60)	CHARACTER	80	WSPTOKEN	SECURITY TOKEN 0318 INBOUND-CALLER'S UTOKEN OUTBOUND-RETURNED DATA SET'S RTOKEN
176	(B0)	CHARACTER	4	WSPID	WSP eyecatcher 0075
180	(B4)	ADDRESS	4	WSPYOSPC	IATYOSPC address 0075
184	(B8)	ADDRESS	4	WSPTEJBI	Extended jobid 0075
188	(BC)	ADDRESS	4	WSPCKJBI	Checkpoint jobid 0075
192	(C0)	ADDRESS	4	WSPPOSTJI	Hot writer queue post 0075 jobid 0075
196	(C4)	SIGNED	4	WSPBUFN4	OSE buffer number, used with WSPOFFST

Comment

 WSPFDBT is used in conjunction with WSPFDBTB to hold the OSE FDB and previous sequence number (unlike most similar fields, these two are not consecutive).

End of Comment

200	(C8)	SIGNED	4	WSPFDBTB	Prev OSE sequence number
-----	------	--------	---	----------	--------------------------

Comment

 The following three fields map the parameter list used by the WRTCHAIN error recovery routine (IATXERCV) and must remain consecutive.

End of Comment

204	(CC)	BITSTRING	16	WSPRQFDB	Work FDB & sequence number
220	(DC)	CHARACTER	4	WSPPOSEID	ID for OSE
224	(E0)	SIGNED	2	WSPPOSEOF	Offset to 4-byte OSE field
224	(E0)	X'16'	0	WSPPERCVL	"*-WSPRQFDB" Length of IATXERCV workarea
224	(E0)	X'CC'	0	WSPPERCVW	"WSPRQFDB,WSPPERCVL" Workarea for IATXERCV macro
226	(E2)	BITSTRING	3	WSPRSVS4	Reserved for IBM
229	(E5)	BITSTRING	1	WSPFLG4	FLAG BYTE 4

Comment

DEFINITION OF WSPFLG4

End of Comment

1...	WSPRCERR	"X'80" RECURSIVE ERROR OCCURRED
.1.	WSPBHOLD	"X'40" INDICATES SELECTION OF HOLD 0505 TYPE (OSEWHOLD) BDT OSES 0505 FOR NJEROUT 0505
..1.	WSPSAPRO	"X'20" STAGING AREA IS BEING PROCESSED
...1	WSPCTRL1	"X'10" OSBPRESV IN CONTROL 0681
.... 1...	WSPCTRL2	"X'08" OSDRSNAF IN CONTROL 0681
.... .1..	WSPRTOS	"X'04" HOLD OSE CHANGED FROM LOCAL 0681 TO SNA/NJE DESTINATION 0681
.... ..1.	WSPURSTA	"X'02" WTD TO PURGE THE STAR
.... ...1	WSPRQINV	"X'01" INVALID REQUEST

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
230	(E6)	BITSTRING	1	WSPFLG5	FLAG BYTE 5
Comment					
----- DEFINITION OF WSPFLG5 -----					
End of Comment					
		1... ..		WSPSAPEN	"X'80" STAGING AREA IS PENDING PROCESSING
		.1.. ..		WSPCSBT	"X'40" RCE/CSBT STRUCTURE EXISTS
		..1. ..		WSPDSHLD	"X'20" ALL DATA SETS ARE HELD
		...1 ..		WSPDSRST	"X'10" A DATA SET IS RESTARTABLE
		.... 1..		WSPBCMPL	"X'08" OSE BUFFER IS COMPLETE
		.... .1.		WSPMLREQ	"X'04" MULTIPLE DATA SET REQUEST
		.... ..1.		WSPLOTSNO	"X'02" OSE CHANGED FROM LOCAL TO 0105 SNA/NJE DESTINATION WHEN 0105 NO OUTPUT STATEMENTS USED 0105
		.... ...1		WSPSADUM	"X'01" DUMMY STAGING AREA FOR CLEANUP PURPOSES
231	(E7)	BITSTRING	1	WSPFLG6	FLAG BYTE 6
Comment					
----- DEFINITION OF WSPFLG6 (CLEARED UPON ENTRY TO IATOSPC) -----					
End of Comment					
		1... ..		WSPGTMND	"X'80" AGETMAIN FOR IATYSEC DONE
		.1.. ..		WSPNOSAF	"X'40" IATXSEC SAF CALL NOT NEEDED
		..1.		WSPDSTSK	"X'20" DATA SET ENTRY IN OSE WAS SKIPPED-SECURITY REJECT
		...1		WSPPSOSC	"X'10" OSPCW000 RECEIVED CONTROL 0232 0232
		.... 1..		WSPSKJOB	"X'08" Skip this job
		.... .1..		WSPNJE	"X'04" WRITER CALL FOR SNA/NJE
		.... ..1.		WSPGLOB1	"X'02" Global supports WSP ver 01 0075
		.... ...1		WSPUSRID	"X'01" PSO GET FOR USERID
Comment					
----- WSPRTNIN IS USED BY A NUMBER OF OUTPUT SERVICE MODULES TO CONTAIN AN INDEX INTO A TABLE CONTAINING SUBROUTINES USED BY THOSE MODULES. THE EQUATED VALUES BELOW ARE THE INDEX THAT IS USED. -----					
End of Comment					
232	(E8)	BITSTRING	1	WSPRTNIN	IATOSPC SUBROUTINE INDEX 0559
232	(E8)	X'0'	0	WSPOSERD	"0" OSE READ SUBROUTINE
232	(E8)	X'4'	0	WSPOSERL	"4" OSE ARELEASE SUBROUTINE
232	(E8)	X'8'	0	WSPOSEWR	"8" OSE WRITE SUBROUTINE
232	(E8)	X'C'	0	WSPJOBCEM	"12" JOB COMPLETION SUBROUTINE
232	(E8)	X'10'	0	WSPWTRSC	"16" WRITER SCHEDULE SUBROUTINE
232	(E8)	X'14'	0	WSPRTN20	"20" Reserved for IBM 0075
232	(E8)	X'18'	0	WSPCLSRT	"24" CLASS ROTATION SUBROUTINE
233	(E9)	BITSTRING	1	WSPPECF	ECF FOR PURGE
236	(EC)	ADDRESS	4	WSPRESQ	SAVE AREA FOR RESQ (OSPC)
240	(F0)	SIGNED	4	WSPOSA	ADDRESS OF IATODDR (OSA) 0681 USED FOR LOCAL TO SNA/NJE 0681
244	(F4)	SIGNED	4	WSPCDE	ADDRESS OF CDE (IATODDR) FOR0681 LOCAL TO SNA/NJE PROCESSING 0681
248	(F8)	SIGNED	4	WSPPENSA	PENDING STAGING AREA CHAIN

IATYWSP Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
252	(FC)	SIGNED	4	WSPSTA	ADDR OF STAR FOR IATOSPC
256	(100)	SIGNED	4	WSPSAVE2	2ND WORK SAVE AREA 0559
260	(104)	SIGNED	4	WSPSAVE3	3RD WORK SAVE AREA 0559
264	(108)	SIGNED	4	WSPSAVEA (9)	REGISTER SAVE AREA 0606
300	(12C)	CHARACTER	4	WSPUCSID	UCS ID 0439
304	(130)	CHARACTER	4	WSPFCBID	FCB ID 0096
308	(134)	BITSTRING	8	WSPPSOTM	PSO CALL TIME (TOD) 0232
316	(13C)	ADDRESS	4	WSPCRJOB	Current job for PSO
320	(140)	ADDRESS	2	WSPRSVD9	Reserved for IBM 0075 0075
322	(142)	BITSTRING	1	WSPIDENT	Type of WSP 0075
322	(142)	X'1'	0	WSPIBDCI	"1" IATBDCI - BDT communications0075
322	(142)	X'2'	0	WSPIDJOT	"2" IATDJOT - Dump Job 0075
322	(142)	X'3'	0	WSPIDMJA	"3" IATDMJA - PSO unallocation 0075
322	(142)	X'4'	0	WSPIIQOS	"4" IATIQOS - Outserv Inquiry 0075
322	(142)	X'5'	0	WSPIMOCP	"5" IATMOCP - Modify cancel 0075
322	(142)	X'6'	0	WSPIMOOS	"6" IATMOOS - Outserv Modify 0075
322	(142)	X'7'	0	WSPINTNR	"7" IATNTNR - NJERDR 0075
322	(142)	X'8'	0	WSPINTRS	"8" IATNTRS - NJE Reroute 0075
322	(142)	X'9'	0	WSPIOSB1	"9" IATOSBM - BDT cancel 0075
322	(142)	X'A'	0	WSPIOSB2	"10" IATOSBM - JSAM error 0075
322	(142)	X'B'	0	WSPIOSB3	"11" IATOSBM - BDT job hold 0075
322	(142)	X'C'	0	WSPIOSD1	"12" IATOSDR - Output Service 0075 (Primary FCT) 0075
322	(142)	X'D'	0	WSPIOSD2	"13" IATOSDR - Output Service 0075 (Secondary FCT) 0075
322	(142)	X'E'	0	WSPIOSF1	"14" IATOSFD - FSS writer 0075 (primary WSP) 0075
322	(142)	X'F'	0	WSPIOSF2	"15" IATOSFD - FSS writer 0075 (secondary WSP) 0075
322	(142)	X'10'	0	WSPIOSSD	"16" IATOSSD - SAPI 0075
322	(142)	X'11'	0	WSPIOSSO	"17" IATOSSO - SAPI JSAM error 0075
322	(142)	X'12'	0	WSPIOSW1	"18" IATOSWD - JES3 writer 0075 (primary WSP) 0075
322	(142)	X'13'	0	WSPIOSW2	"19" IATOSWD - JES3 writer 0075 (secondary WSP) 0075
322	(142)	X'14'	0	WSPIPURG	"20" IATPURG - Purge processing 0075
322	(142)	X'15'	0	WSPISIOP	"21" IATSIOP - Process SYSOUT 0075
322	(142)	X'16'	0	WSPIOSTC	"22" IATOSOR - TCP/IP job 07032SVA processing 07032SVA
322	(142)	X'17'	0	WSPIGR70	"23" IATGR70 - SJF driver
322	(142)	X'18'	0	WSPIOSR2	"24" IATOSOR2 - Output service 0075
323	(143)	BITSTRING	1	WSPVER	Version number
		.... ...1		WSPVER01	"X'01" Version number 1
323	(143)	X'1'	0	WSPCVER	"WSPVER01" Current version
324	(144)	ADDRESS	4	WSPPSDRT	OSPCS100 return address 0075
328	(148)	ADDRESS	4	WSPSAVE4	PSOSCHED return address 0075
332	(14C)	SIGNED	4	WSPSDWAD	Address of SAPI DSP Work Area
336	(150)	SIGNED	4	WSPRSVD8 (2)	Reserved for IBM
344	(158)	ADDRESS	4	WSPRQADR	Current RQ address
348	(15C)	SIGNED	4	WSPACONS	ADDR OF CALLING CONSOLE CNDB IN IATYWTR, WTRDCCDB
352	(160)	SIGNED	4	WSPRSVU1 (2)	RESERVED FOR USER 0200

Comment

 End of version 0 PSO area.

End of Comment

352	(160)	X'168'	0	WSPTEEND_V0	*** End of version 0 PSO area
352	(160)	X'168'	0	WSPTESIZ_V0	"WSPTEEND_V0-WSPSTART" Size of version 0 PSO area
360	(168)	SIGNED	4	WSPTESSO_V0 (0)	Address of SSOB for down level callers

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
Comment						
<p>-----</p> <p>END OF WSP SECTION FOR PROCESS SYSOUT (PSO). THE WSP UP TO THE EQUATE FIELD WSPTESIZ IS PART OF A STAGING AREA USED FOR PROCESS SYSOUT INTERFACE.</p> <p>-----</p>						
End of Comment						
360	(168)	X'168'	0	WSPTEEND	*** End of version 1 PSO area	
360	(168)	X'168'	0	WSPTESIZ	"WSPTEEND-WSPSTART" Size of version 1 PSO area	
Comment						
<p>The WSP field WSPTESSO indicates the beginning of the SSOB section for Process Sysout interface. In up-level versions of a PSO staging area, the SSOB can be found by adding WSPLEN to the base of the WSP. In down level versions, the SSOB is located at WSPTESSO_V0, not WSPTESSO.</p>						
End of Comment						
360	(168)	SIGNED	4	WSPTESSO (0)	ADDRESS OF SSOB FOR PSO	
Comment						
<p>-----</p> <p>THE FOLLOWING WSP INFORMATION IS COMMON FOR EVERY JES3 WRITER. THIS INFORMATION IS NOT NEEDED FOR PSO.</p> <p>-----</p>						
End of Comment						
360	(168)	SIGNED	4	WSPRSVS3 (4)	RESERVED FOR SERVICE	
376	(178)	BITSTRING	8	WSPWSTME	WRITER START TIME (TOD) -- 0630 (I.E., WHEN IATOSWC WAS 0630 ENTERED FOR THIS WRITER) 0630	
384	(180)	SIGNED	4	WSPRSVU2 (5)	RESERVED FOR USER	
Comment						
<p>-----</p> <p>THE FOLLOWING TWO FIELDS ARE USED IN MODULE IATOSWS to save fields OSECHN and OSECNT4 across the call to the 'OSE shrinker' code in module IATOSOR (OSES000)</p> <p>-----</p>						
End of Comment						
404	(194)	BITSTRING	12	WSPOCHN	SAVE AREA FOR CHAIN FDB	
416	(1A0)	SIGNED	4	WSPOCNT4	Save area for sequence num	
420	(1A4)	CHARACTER	8	WSPTPID	Current APPC TPID, JSAB job id, or JSAB job name	
428	(1AC)	BITSTRING	6	WSPOSSWB	SPOOL ADDR FOR CURR OUTPUT D015 DESCR IF XTNDD KEYWORDS D015	
434	(1B2)	SIGNED	2	WSPSWBID	OUTPUT GROUPING TOKEN	
Comment						
<p>-----</p> <p>The following flag is used as an additional scheduling criteria. The options in this flag are specified by the selecting device and not included in the master selection mask.</p> <p>-----</p>						
End of Comment						

IATYWSP Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
436	(1B4)	BITSTRING	1	WSPFLGS	SEPARATE SCHEDULING FLAG
Comment					
----- DEFINITION OF WSPFLGS -----					
End of Comment					
		1...		WSPEXTS	"X'80" SELECTING ON XTNDD KEYWORDS
		.1..		WSPSOTBN	"X'40" SELECT BY OUTBIN ID 0146
		..1.		WSPIP	"X'20" Select only IP destination
		...1		WSPBOTH	"X'10" Select both IP and non-IP
437	(1B5)	BITSTRING	3	WSPRSVD7	Reserved for IBM
440	(1B8)	SIGNED	4	WSPPAGE	TOTAL PAGES PENDING JOB
444	(1BC)	ADDRESS	4	WSPASUP	SUPUNITS ADDRESS
448	(1C0)	ADDRESS	4	WSPARQ	ADDRESS OF RESQUEUE ENTRY
452	(1C4)	BITSTRING	0	WSPFDBS (0)	Scheduled OSE FDB & seq num
452	(1C4)	BITSTRING	12	WSPFDB	WOSE FDB
464	(1D0)	SIGNED	4	WSPPOSEB4	Scheduled OSE sequence num
468	(1D4)	ADDRESS	4	WSPPOSE	ADDRESS OF MOSE
472	(1D8)	ADDRESS	4	WSPOSS	ADDRESS OF OSS ENTRY
476	(1DC)	SIGNED	4	WSPNJERC	BSC/NJE PENDING RECORD CNT 0126
480	(1E0)	SIGNED	4	WSPOUTBN	OUTBIN ID (in writer WSP)
480	(1E0)	ADDRESS	4	WSPHWWSP	Address of hot writer WSP (in OUTSERV WSP)
484	(1E4)	SIGNED	4	WSPRSVD2 (2)	RESERVED FOR DEVELOPMENT 0146
492	(1EC)	BITSTRING	16	WSPSELD	SEL MASK OF DS SELECTED
508	(1FC)	BITSTRING	16	WSPSELT	TEMP SEL MASK
524	(20C)	BITSTRING	16	WSPSELM	MASTER SELECTION MASK

Comment

DEFINITION OF WSPSELM VALUES

End of Comment					
524	(20C)	X'0'	0	WSPNULL	"00" IGNORE THIS ENTRY
524	(20C)	X'4'	0	WSPPRTY	"04" CHECK PRIORITY OF ENTRY
524	(20C)	X'8'	0	WSPDEST	"08" CHECK DESTINATION OF ENTRY
524	(20C)	X'C'	0	WSPTYPE	"12" CHECK DEST. TYPE OF ENTRY
524	(20C)	X'10'	0	WSPFORM	"16" CHECK FORMS SETUP OF ENTRY
524	(20C)	X'14'	0	WSPCARR	"20" CHECK FCB/CTAPE SETUP
524	(20C)	X'18'	0	WSPUCS	"24" CHECK TRAIN SETUP OF ENTRY
524	(20C)	X'1C'	0	WSPLINE	"28" CHECK LINE, PAGE, AND RECORD LIMITS OF PRINTER
524	(20C)	X'20'	0	WSPCLAS	"32" CHECK CLASS OF ENTRY
524	(20C)	X'24'	0	WSPFLASH	"36" CHECK FORMS FLASH SETUP
524	(20C)	X'28'	0	WSPCPMOD	"40" CHECK COPY MODIFICATION
524	(20C)	X'2C'	0	WSPSTACK	"44" CHECK STACKER SETUP
524	(20C)	X'30'	0	WSPPMODE	"48" CHECK PROCESS MODE OF PRINTER
524	(20C)	X'30'	0	WSPSELMX	"WSPPMODE" MAXIMUM VALUE FOR WSPSELM
540	(21C)	SIGNED	2	WSPSELC	LOGICAL LENGTH OF WSPSELM
542	(21E)	BITSTRING	1	WSPPTYSV	HIGHEST PRIORITY FOUND
543	(21F)	BITSTRING	1	WSPRSVFX	RESERVED FOR SERVICE
544	(220)	SIGNED	2	WSPOFST	OFFSET TO OSEENTRY
546	(222)	BITSTRING	1	WSPFLG2	FLAG BYTE 2

Comment

DEFINITION OF WSPFLG2

End of Comment

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		1...		WSPDSPTY	"X'80" DS PRTY CHECKING REQ.
		.1.		WSPDFLNE	"X'40" LINE LIMIT CHECKING REQ.
		..1.		WSPPTYPF	"X'20" PERFECT PRIORITY FIT
		...1		WSPRQRQD	"X'10" RQTAPUT NOT ALLOWED
		.... 1...		WSPGETRL	"X'08" RELEASE PENDING OSES
		.... .1..		WSPRSTG	"X'04" RESTART DATASET GROUP SAME AS *R ,J EXCEPT AFFECTS ONLY D/S SCHD FOR *R DEV
		.... ..1.		WSPRSTD	"X'02" REQUEUE OSE FOR DATA SET RESTART
		.... ...1		WSPPGREL	"X'01" PIPELINE TYPE GET/RELEASE (SCHEDULED OSE'S NOT AFFECTED)
547	(223)	BITSTRING	1	WSPFLG3	FLAG BYTE 3
----- Comment -----					
----- DEFINITION OF WSPFLG3 -----					
----- End of Comment -----					
		1...		WSPDM206	"X'80" DM206 failure in progress
----- Comment -----					
THIS LINE DELETED BY APAR OZ91802					
----- End of Comment -----					
		.1.		WSPWOSW	"X'40" WOSE write requested
		..1.		WSPWOSP	"X'20" WOSE PURGE REQUESTED
		...1		WSPSWTR	"X'10" START SELECTED SUPUNITS
		.... 1...		WSPRQWS	"X'08" SELECTIVE RESQ WRITER START 0229
		.... .1..		WSPHWLK	"X'04" HOT WRITER IS BEING CHECKED 0370 BY AN OUTSERV FCT HANDLING0370 IATXOSSC TYPE=GET CALL 0370
		.... ..1.		WSPOSPND	"X'02" DISK OSES HAVE BEEN MARKED 0436 PENDING DURING THIS 0436 IATXOSWS TYPE=SCHEDULE 0436 CALL 0436
		.... ...1		WSPWTSCH	"X'01" This writer had to wait before getting OSE lock in IATOSWS schedule rtn
548	(224)	BITSTRING	2	WSPFRSDD	FLAGS - RESERVED FOR DEV.
550	(226)	BITSTRING	1	WSPFLG10	FLAG BYTE 10
----- Comment -----					
----- DEFINITION OF WSPFLG10 -----					
----- End of Comment -----					
		1...		WSPDUMPT	"X'80" DUMP WAS REQUESTED
		.1.		WSP206IS	"X'40" DM206 PREVIOUSLY ISSUED
		..1.		WSPGJNAM	"X'20" Grouping is by JSAB job name (WSPTPID contains a job name from a JSAB). If this bit is off, grouping is by APPC TPID or JSAB job id.
		...1		WSP10R10	"X'10" RESERVED FOR IBM
		.... 1...		WSP10R08	"X'08" RESERVED FOR IBM
		.... .1..		WSP10R04	"X'04" RESERVED FOR IBM
		.... ..1.		WSP10R02	"X'02" RESERVED FOR IBM
		.... ...1		WSP10R01	"X'01" RESERVED FOR IBM
551	(227)	SIGNED	1	WSPCLSN	NUMBER OF CLASSES
552	(228)	CHARACTER	36	WSPCLSS	SYSOUT CLASSES TO SELECT
588	(24C)	SIGNED	4	WSPEND (0)	END OF PARM LIST
588	(24C)	BITSTRING	1	WSPSIZE (0)	L' TOTAL SIZE OF WSP

IATYWSP Cross Reference

IATYWSP Cross Reference

Name

WSPACONS
WSPAECF
WSPARQ
WSPASUP
WSPBCMPL
WSPBDTRQ
WSPBHLDC
WSPBHOLD
WSPBLBDT
WSPBLTCP
WSPBOTH
WSPBUFNC
WSPBUFN4
WSPCARR
WSPCCNTL
WSPCDE
WSPCDEST
WSPCHAIN
WSPCHNGE
WSPCKJBC
WSPCKJBI
WSPCKPRQ
WSPCKPT
WSPCLAS
WSPCLNUP
WSPCLSN
WSPCLSRT
WSPCLSS
WSPCMPL
WSPCPMOD
WSPCRJOB
WSPCSBT
WSPCTRL1
WSPCTRL2
WSPCOVER
WSPDEL
WSPDEST
WSPDFDST
WSPDFLNE
WSPDM206
WSPDSHLD
WSPDSPTY
WSPDSRST
WSPDSTSK
WSPDUMPT
WSPEND
WSPENF58
WSPERCVL
WSPERCVW
WSPEXTS
WSPFAILD
WSPFCBID
WSPFDB
WSPFDBS
WSPFDBSV

Name

WSPFDBT
WSPFDBTB
WSPFFDBV
WSPFIRRQ
WSPFLAG

WSPFLASH
WSPFLGS
WSPFLG1
WSPFLG10
WSPFLG11

WSPFLG2
WSPFLG3
WSPFLG4
WSPFLG5
WSPFLG6

WSPFLG7
WSPFLG8
WSPFLG9
WSPFL708
WSPFORM

WSPFRSDD
WSPF1101
WSPF1102
WSPF1104
WSPF1108

WSPGET
WSPGETRL
WSPGJNAM
WSPGLOB1
WSPGTMND

WSPHCWNT
WSPHWLK
WSPHWWQP
WSPHWWSP
WSPIBDCI

WSPID
WSPIDENT
WSPIDJOT
WSPIDMJA
WSPIGR70

WSPIIQOS
WSPIMOCP
WSPIMOOS
WSPINTCP
WSPINTNR

WSPINTRS
WSPIOSB1
WSPIOSB2
WSPIOSB3
WSPIOSD1

WSPIOSD2
WSPIOSF1
WSPIOSF2
WSPIOSR2
WSPIOSSD

WSPIOSSO
WSPIOSTC
WSPIOSW1
WSPIOSW2
WSPIP

IATYWSP Cross Reference

Name

WSPIPURG
WSPISIOP
WSPJBFND
WSPJDS
WSPJOBDM
WSPJOBID
WSPJOBRRP
WSPLEN
WSPLINE
WSPLTOS
WSPLTNO
WSPLTTCR
WSPLTNO
WSPMASK
WSPMLREQ
WSPNDOPT
WSPNJE
WSPNJERC
WSPNJERD
WSPNJERT
WSPNOSAF
WSPNULL
WSPOCHN
WSPCNT4
WSPOFFST
WSPOFST
WSPOKRET
WSPOSA
WSPPOSE
WSPPOSEB4
WSPPOSEID
WSPPOSELK
WSPPOSEOF
WSPOSERD
WSPOSERL
WSPPOSEWR
WSPOSPC
WSPOSPND
WSPOSS
WSPOSSWB
WSPPOSTJC
WSPPOSTJI
WSPOUTBN
WSPPAGE
WSPPBSKP
WSPPECF
WSPPEND
WSPPENSA
WSPPGREL
WSPPMODE
WSPPOSTD
WSPPRTY
WSPPSCT
WSPPSDRT
WSPPSOSC
WSPPSOTM
WSPPTYPF
WSPPTYSV
WSPPUT
WSPQCHG

Name

WSPRCAWR
WSPRCCL
WSPRCDAC
WSPRCDAT
WSPRCDMP

WSPRCERR
WSPRCINV
WSPRCJOB
WSPRCOUT
WSPRCPSO

WSPRCRQ
WSPRECRD
WSPREL
WSPRESQ
WSPRQACC

WSPRQADR
WSPRQCMP
WSPRQFDB
WSPRQINV
WSPRQPRM

WSPRQRQD
WSPRQWS
WSPRSTD
WSPRSTG
WSPRSVDV

WSPRSVD2
WSPRSVD7
WSPRSVD8
WSPRSVD9
WSPRSVFX

WSPRSVS3
WSPRSVS4
WSPRSVS5
WSPRSVS6
WSPRSVU1

WSPRSVU2
WSPRSV01
WSPRTNIN
WSPRTN20
WSPSADUM

WSPSAFFL
WSPSAPEN
WSPSAPRO
WSPSAVE
WSPSAVEA

WSPSAVE2
WSPSAVE3
WSPSAVE4
WSPSCHED
WSPSDWAD

WSPSECPT
WSPSELC
WSPSELD
WSPSELM
WSPSELMX

WSPSELT
WSPSIZE
WSPSKJOB
WSPSOTBN
WSPSRCHP

IATYWSP Cross Reference

Name

WSPSSCWA
WSPSSREQ
WSPSTA
WSPSTACK
WSPSTART

WSPSTRTD
WSPSWBID
WSPSWTR
WSPSYSRQ
WSPTEEND

WSPTEEND_V0
WSPTEJBC
WSPTEJBI
WSPTESIZ
WSPTESIZ_V0

WSPTESSO
WSPTESSO_V0
WSPTEUID
WSPTOKEN
WSPTPID

WSPTSO
WSPTYPE
WSPUCS
WSPUCSID
WSPUNSCH

WSPURSTA
WSPUSRID
WSPVER
WSPVER01
WSPWOSP

WSPWOSW
WSPWSTME
WSPWTRSC
WSPWTSCH
WSPXJMR

WSPYOSPC
WSP10R01
WSP10R02
WSP10R04
WSP10R08

WSP10R10
WSP206IS
WSP4BOSD
WSP4BOSE
WSP8RSV3

IATYWSTB Information

IATYWSTB Heading Information

Common Name: Workload Manager Sampling Transport Buffer
Macro ID: IATYWSTB
DSECT Name: WSTB_CNSTART WSTB_RCFSTART WSTB_RCVSTART WSTB_SCSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: WSTBCNTL (WSTB_CNSTART)
WSTBRPTC (WSTB_RCSTART)
WSTBSRVC (WSTB_SCSTART)
Offset: 0
Length: 8
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 0
Size: Variable size
Created by: IATWLGSM
Pointed to by: WLM_WSTBADDR in IATYWLM
Serialization: None
Function: This macro maps the sampling data that is sent from the WLM subtask in the global to the WLM subtasks on the local processors. The following information appears in the sampling transport buffer:
(1) Control information - For example, the current service definition id used to create the sampling information.
(2) Report class information - Sampling information is sent for each report class that has non-zero sampling values.
(3) Service class information - For each service class that is registered on the global, the following information is sent:
-- Service class name and index
-- Sampling counts

IATYWSTB Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	WSTB_CNSTART	, Control Information
0	(0)	CHARACTER	8	WSTB_CNID	Control block id
8	(8)	SIGNED	2	WSTB_CNTOTLN	Length of this entry
10	(A)	BITSTRING	32	WSTB_CNSRVDEF	Service definition id

Definition of WSTB_CNFLG1.					

End of Comment					
42	(2A)	BITSTRING 1... ..	1	WSTB_CNFLAG1 WSTB_CNDEFPOL	Flag one
43	(2B)	BITSTRING	17	WSTB_CNRSVD1	"X'80" The service definition id represents the default WLM policy
60	(3C)	SIGNED	4	WSTB_CNEND (0)	Reserved for IBM
60	(3C)	X'3C'	0	WSTB_CNFSIZE	End of control information

End of Comment					

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

IATYWSTB Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	CHARACTER	8	WSTB_RCID	, Report Class Fixed Info Control block id
8	(8)	SIGNED	2	WSTB_RCFIXLN	Length of fixed entry
10	(A)	SIGNED	2	WSTB_RCVARLN	Length of variable entry
12	(C)	SIGNED	2	WSTB_RCCOUNT	Number of report class variable entries
14	(E)	SIGNED	2	WSTB_RCFRSVD1	Reserved for IBM
16	(10)	SIGNED	4	WSTB_RCFEND (0)	End of information
16	(10)	X'10'	0	WSTB_RCFSIZE	"WSTB_RCFEND-WSTB_RCFSTART" Size of information

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	WSTB_RCVSTART	, Report Class Fixed Info
0	(0)	SIGNED	4	WSTB_RCINDEX	Report class index
4	(4)	SIGNED	4	WSTB_RCPLELIG	Number of jobs that are eligible to execute somewhere in the SYSPLEX
8	(8)	SIGNED	4	WSTB_RCPLINEL	Number of jobs that are not eligible to execute anywhere in the SYSPLEX because of operator hold, resource delay etc.
12	(C)	SIGNED	4	WSTB_RCPLLIMIT	Number of jobs that are not eligible to execute anywhere in the SYSPLEX because a limit has been reached
16	(10)	SIGNED	4	WSTB_RCVEND (0)	End of information
16	(10)	X'10'	0	WSTB_RCVSIZE	"WSTB_RCVEND-WSTB_RCVSTART" Size of information

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	WSTB_SCSTART	, Service Class Information
0	(0)	CHARACTER	8	WSTB_SCID	Control block id
8	(8)	SIGNED	2	WSTB_SCTOTLN	Length of this entry
10	(A)	BITSTRING	1	WSTB_SCRSVD1	Reserved for IBM
11	(B)	BITSTRING	1	WSTB_SCVER	WLMBAL version number
11	(B)	X'1'	0	WSTB_CURVER	"WSTB_V001" Current version indicator
11	(B)	X'1'	0	WSTB_V001	"1" WLMBAL version
12	(C)	CHARACTER	8	WSTB_SCNAME	Service class name
20	(14)	SIGNED	4	WSTB_SCINDEX	Service class index
24	(18)	SIGNED	4	WSTB_SCBRIPMM	IWMBRIP main mask
28	(1C)	SIGNED	4	WSTB_SCPLELIG	Number of jobs that are eligible to execute somewhere in the SYSPLEX
32	(20)	SIGNED	4	WSTB_SCPINEL	Number of jobs that are not eligible to execute anywhere in the SYSPLEX because of operator hold, resource delay etc.
36	(24)	SIGNED	4	WSTB_SCPLIMIT	Number of jobs that are not eligible to execute anywhere in the SYSPLEX because a limit has been reached
40	(28)	SIGNED	4	WSTB_SCSYELIG	Number of jobs that are eligible to execute on this system
44	(2C)	SIGNED	4	WSTB_SCSYINEL	Number of jobs that are not eligible to execute on this system
48	(30)	SIGNED	4	WSTB_SCSYCONS	Number of jobs that are eligible to execute only on this system
52	(34)	SIGNED	4	WSTB_SCRSVD2 (6)	Reserved for IBM

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
76	(4C)	SIGNED	4	WSTB_SCEND (0)	End of information
76	(4C)	X'4C'	0	WSTB_SCSIZE	"WSTB_SCEND-WSTB_SCSTART" Size of information

IATYWSTB Cross Reference

Name

WSTB_CNDEFPOL

WSTB_CNEND
WSTB_CNFLAG1
WSTB_CNID

WSTB_CNRSVD1
WSTB_CNFSIZE
WSTB_CNFRVDEF

WSTB_CNSTART
WSTB_CNTOTLN
WSTB_CURVER
WSTB_RCCOUNT
WSTB_RCFEND
WSTB_RCFIXLN
WSTB_RCFRSVD1

WSTB_RCFSIZE
WSTB_RCFSTART

WSTB_RCID
WSTB_RCINDEX
WSTB_RCPLELIG

WSTB_RCPLINEL

WSTB_RCPLLIMIT

WSTB_RCVARLN
WSTB_RCVEND
WSTB_RCVSIZE
WSTB_RCVSTART

WSTB_SCBRIPMM

WSTB_SCEND
WSTB_SCID
WSTB_SCINDEX
WSTB_SCNAME
WSTB_SCPLELIG

WSTB_SCPLINEL

WSTB_SCPLLIMIT

WSTB_SCRSVD1
WSTB_SCRSVD2
WSTB_SCSIZE
WSTB_SCSTART
WSTB_SCSYCONS

IATYWSTB Cross Reference

Name

WSTB_SCSYELIG

WSTB_SCSYINEL

WSTB_SCTOTLN

WSTB_SCVER

WSTB_V001

IATYWTRX Information

IATYWTRX Heading Information

Common Name: WRITER WORK/CONTROL AREA EXTENSION
Macro ID: IATYWTRX
DSECT Name: WTRX
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Below 16M
 Auxiliary Storage: N/A

Size:
Created by: N/A
Pointed to by: WTROWTRX in the Writer control section (IATYWTR) and WTROODPX in the AGETMAINED IOSB/SRB work area of IATYWTR.

Serialization:
Function: PROVIDES SUPPLEMENT OUTPUT SERVICE DATA AREAS REQUIRED BY OUTPUT SERVICE WRITERS FOR THOSE AREAS WHOSE RESIDENCE IS REQUIRED TO BE BELOW THE 16MEG LINE.

DEPENDENCIES = IATYWTR HAS TO BE EXPANDED FIRST. IATYFDB MUST BE AVAILABLE IN THE SAME ASSEMBLY. THE ENTIRE LENGTH OF THIS C/B MUST NOT EXCEED 4095 BYTES DUE TO PAGE FIX CONSIDERATIONS.

RESTRICTION = DO NOT USE TYPE=CSECT UNLESS AMODE AND RMODE STATEMENTS ARE ADDED AT THE BEGINNING OF THE MODULE.

NOTES = MODULE IATODPX, MAPPED BY IATYWTRX, IS ALOADED AND ADELETED IN IATOSWD. WHEN THIS MODULE IS ACTIVELY INVOLVED IN I/O, PGFIX AND PGFREE SVCS ARE PERFORMED FOR IATODPX IN IATOSPR'S OPEN AND CLOSE ROUTINES. OTHER FIELDS ARE DEFINED IN IATYWTRX FOR I/O PERFORMED IN A VARIETY OF OUTPUT SERVICE MODULES. BOTH CHANNEL OP CODES AND BUFFER AREAS ARE DESIGNATED WITHIN IATYWTRX. USING ON SYMBOL 'WTRXDSEC' PROVIDES ADDRESSABILITY TO ALL SYMBOLS.

IATYWTRX Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	IATODPX	
Comment					
----- THE FOLLOWING SYMBOL 'WTRXDSEC' IS THE BEGINNING OF THE CONTROL BLOCK 'IATODPX'. USING ON THIS SYMBOL WILL ESTABLISH ADDRESSABILITY TO ALL SYMBOLS. THE LABEL 'WTRXDSEC' SHOULD BE KEPT AT DISPLACEMENT 00. -----					
End of Comment					
0	(0)	SIGNED	2	WTRXDSEC (0)	BEGINNING OF IATYWTRX
Comment					
IATYMOD BR=NO DUMP EYECATCHER 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

IATYWTRX Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM

Comment

 OUTPUT CCWS

End of Comment					
40	(28)	DBL WORD	8	WTROEOT (0)	
40	(28)	X'2A'	0	WTRODISI	**+2,2" HALFWORD CONTAINING DISP TO 3800 INFO IN A CCW AREA
40	(28)		8		EOT CCW FOR 3800
40	(28)	X'8'	0	WTROEOTN	** -WTROEOT"
48	(30)	DBL WORD	8	WTRODSKP	SKIP TO ONE CCW
56	(38)	DBL WORD	8	WTRODTIC	TIC TO INTERRUPT CCW
64	(40)		8	WTROEJCT	EJECT CCW
72	(48)		8	WTROTIC	TIC CCW

Comment

 THE FOLLOWING FIELDS MUST REMAIN IN ORDER BECAUSE THE STARTIO CHANNEL PROGRAM BUILT IN IATOSPR HAS FIELDS IN THE SAME ORDER, MAPPED BY MAPPING MACRO IATYOSCP. (THE FIELD NAMES IN PARENTHESIS ARE THE EQUIVALENT MAPPING NAMES IN IATYOSCP FOR THESE AREAS IN COMMON.)

End of Comment					
80	(50)	ADDRESS	1	WTROCTRL	MASK BIT FOR AREA (SEGID)
81	(51)	ADDRESS	1		(SEGNOPCD)
82	(52)	BITSTRING	2		RSRVD FOR DVLOPMNT (SEGRSVD2)
84	(54)	ADDRESS	4	WTRONEXT	ADDRESS OF NEXT AREA (SEGNEXT)
88	(58)	ADDRESS	4	WTROCTRN	ADDRESS OF NOP (SEGNOPAD)

Comment

THE FOLLOWING FIELD ALIGNS THE CCW AREA ON A DWBLEWRD BNDRY.

End of Comment					
92	(5C)	SIGNED	4		RESERVED FOR DEVELOPMENT
96	(60)	DBL WORD	8	WTROCCWA (30)	CCW CONSTRUCTION AREA
96	(60)	BITSTRING	4	WTROBLDL	HEADER FOR BLDL MACRO
100	(64)	CHARACTER	8	WTROFCBN	NAME OF FCB FOR MAPPING
108	(6C)	BITSTRING	52		REST OF AREA FOR BLDL
160	(A0)	ADDRESS	4	WTROFCBA	ADDR OF FIRST USABLE FCB CODE
164	(A4)	ADDRESS	4	WTROFCBC	ADDR OF CURRENT FCB CODE
168	(A8)	ADDRESS	4	WTROFCBE	ADDR OF LAST USABLE FCB CODE
172	(AC)	SIGNED	4	WTROFCBP	NUM OF PAGES SCANNED SO FAR
176	(B0)	BITSTRING	1	WTROFCBF	FLAGS DURING REPOSITIONING
		1...		WTROFCBD	"X'80" DATA ON CURRENT SIMULATED LINE
180	(B4)	ADDRESS	4	WTROFCBS	SIZE OF FCB MODULE AREA
184	(B8)	ADDRESS	4	WTROFCBX	START OF FCB MODULE AREA

Comment

End of Comment					
336	(150)	ADDRESS	4	WTROCCWE	END OF CCW AREA

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

END OF AREA THAT MUST REMAIN IN ORDER.					

End of Comment					
340	(154)	ADDRESS	4	WTROCCWC	ADDRESS OF CURRENT CCW

Comment					

OUTPUT ECB/IOB					
THE FOLLOWING FIELD, WTRCSWSV, MUST IMMEDIATELY PRECEDE					
THE IOB BECAUSE OF JES3 DEPENDENCIES.					

End of Comment					
344	(158)	DBL WORD	8	WTRCSWSV	SAVE AREA FOR CSW
344	(158)	BITSTRING	1	WTRAPFLG	EXCP APPENDAGE COMM FLAG BYTE
345	(159)	BITSTRING	7	WTRAPCSW	CSW SAVE AREA FOR EXCP APENDGE

Comment					

DEFINITION OF WTRAPFLG					

End of Comment					
		1...		WTRATPST	"X'80" AUX TASK POST REQUIRED
352	(160)	SIGNED	4	WTROI0B (0)	START OF WRITER IOB
352	(160)	SIGNED	2		USED BY IOS
354	(162)	BITSTRING	1	WTROSNS0	SENSE BYTE 0
		1...		WTROCREJ	"X'80" COMMAND REJECT
		.1..		WTROINTR	"X'40" INTERVENTION REQUIRED
		..1.		WTROBUSO	"X'20" BUS OUT CHECK
		...1		WTROEQCK	"X'10" EQUIPMENT CHECK
		.... 1...		WTRODTCK	"X'08" DATA CHECK
		.... .1..		WTROBUFP	"X'04" BUFFER PARITY
		.... .1..		WTROOVRN	"X'04" OVERRUN
		.... ..1.		WTROLDCK	"X'02" LOAD CHECK
		.... ..1.		WTROUSEQ	"X'02"
		.... ...1		WTROCH9	"X'01" CHANNEL 9 SENSED
355	(163)	BITSTRING	1	WTROSNS1	SENSE BYTE 1
		1...		WTROS1B0	"X'80" SENSE BYTE 1, BIT 0
		.1..		WTROS1B1	"X'40" SENSE BYTE 1, BIT 1
		..1.		WTROS1B2	"X'20" SENSE BYTE 1, BIT 2
		...1		WTROS1B3	"X'10" SENSE BYTE 1, BIT 3
		.... 1...		WTROS1B4	"X'08" SENSE BYTE 1, BIT 4
		.... .1..		WTROS1B5	"X'04" SENSE BYTE 1, BIT 5
		.... ..1.		WTROS1B6	"X'02" SENSE BYTE 1, BIT 6
		.... ...1		WTROS1B7	"X'01" SENSE BYTE 1, BIT 7
356	(164)	ADDRESS	4		POINTER TO ECB
360	(168)	SIGNED	4	WTROCSWA	FIRST HALF OF CSW
364	(16C)	BITSTRING	1	WTROCSB1	CSW STATUS BYTE 1
365	(16D)	BITSTRING	1	WTROCSB2	CSW STATUS BYTE 2
366	(16E)	SIGNED	2	WTROCSBC	RESIDUAL BYTE COUNT
368	(170)	ADDRESS	4	WTROCCWP	ADDR OF CHANNEL PROGRAM (MAY HAVE CSW INFO IN HI BYTE)
372	(174)	ADDRESS	4	WTRODCBP	POINTER TO DCB AFTER OPEN
376	(178)	SIGNED	4	(2)	USED BY CONTROL PROGRAM
384	(180)	SIGNED	4	WTROECB	WRITER ECB
388	(184)	ADDRESS	4	WTROXLAT	ADDRESS OF TRANSLATE TABLE

IATYWTRX Map

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

 THE FOLLOWING AREAS ARE THE PARAMETER LISTS USED WHEN
 ISSUING THE PURGE SVC.

End of Comment					
392	(188)	BITSTRING	1	WTRXPPL	PURGE PARAMETER LIST FOR OSPR
392	(188)	X'20'	0	WTRXPPLN	** -WTRXPPL" LENGTH OF PURGE PARAMETER LIST
424	(1A8)	BITSTRING	1	WTRXPPL2	PURGE PARAMETER LIST FOR OSMP
424	(1A8)	X'20'	0	WTRXPPL2L	** -WTRXPPL2" LENGTH OF OSMP'S PARM LIST
Comment					

 THE FOLLOWING AREAS ARE MISCELLANEOUS FIELDS THAT ARE
 ADDRESSED AS OFFSETS FROM THE KNOWN ADDRESS OF FIELD
 WTOIOB, PRIMARILY DONE IN MODULE IATOSDI. OTHER MODULES
 HAVE DIRECT ADDRESSABILITY VIA IATYWTR'S WTROWTRX FIELD.

End of Comment					
456	(1C8)	SIGNED	4	WTRXIOSB	ADDRESS OF IOSB
460	(1CC)	ADDRESS	4	WTRXAREA	ADDRESS OF CCW AREA BUILDING
Comment					

 THE FOLLOWING DATA AREAS DEFINED IN IATYWTRX ARE FOR DATA
 THAT ARE THE OBJECTS OF AN IATXOSP DATA= MACRO. THE DATA
 WRITTEN TO THE DEVICE MUST RESIDE BELOW THE LINE.

THE FOLLOWING AREAS ARE FOR I/O PERFORMED IN IATOSPS AND
 IATOSPR.

End of Comment					
464	(1D0)	SIGNED	4	WTRXEOC	EXECUTE ORDER BUILD AREA
468	(1D4)	BITSTRING	1	WTRXCMSE	3800 SENSE OP CODE
469	(1D5)	BITSTRING	1	WTRXCLRP	3800 CLEAR PRINTER OP CODE
470	(1D6)	BITSTRING	1	WTRXEJCT	PRINTER SKIP CHAN 1 OP CODE
471	(1D7)	CHARACTER	120	WTRXBUFR	I/ O BUFFER FOR OSPS MESSAGES
Comment					

 THE FOLLOWING AREAS ARE FOR I/O PERFORMED IN IATOSWP.

End of Comment					
591	(24F)	BITSTRING	8	WTRXOSP	3800 COMMAND DATA AREA
Comment					

 THE FOLLOWING AREAS ARE FOR I/O PERFORMED IN IATOSMP.

End of Comment					
599	(257)	BITSTRING	3	WTRXPPB	PURGE PAGE BUFFER DATA REC

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

 THE FOLLOWING AREAS ARE FOR I/O PERFORMED IN IATOSPN.

		End of Comment			
602	(25A)	BITSTRING	1	WTRXFEEED	PUNCH FEED OP CODE

 0301
 THE FOLLOWING STRUCTURE IS THE MESSAGE FEEDBACK AREA FOR 0301
 THE SETPRT SERVICE ROUTINE CALLED FROM IATOSPS. ALL 0301
 ADDRESS FIELDS MUST HAVE 24 BIT ADDRESSABLE VALUES. 0301
 0301

		End of Comment			
603	(25B)	CHARACTER	110	WTRXMSGO	OUTPUT MESSAGE AREA
604	(25C)	SIGNED	2	WTRXFBLN	LENGTH OF FEEDBACK AREA 0301
606	(25E)	SIGNED	2		RESERVED, MUST BE 0 0301
608	(260)	SIGNED	2		RESERVED FOR SETPRT 0301
610	(262)	SIGNED	2	WTRXFBML	LENGTH OF SETPRT TEXT + 4 0301
612	(264)	SIGNED	2		RESERVED FOR SETPRT 0301
614	(266)	CHARACTER	100	WTRXFBMT	MESSAGE TEXT BUILT BY SETPRT
614	(266)	X'6E'	0	WTRXFBL	**_WTRXFBLN" LENGTH OF FEEDBACK AREA 0301

 0301
 END OF MESSAGE FEEDBACK AREA FOR IATOSPS/SETPRT USE 0301

 0301

		End of Comment			
716	(2CC)	SIGNED	4	WTRXRSD1 (10)	RESERVED FOR DEVELOPMENT
756	(2F4)	SIGNED	4	WTRXRSS1 (10)	RESERVED FOR SERVICE
796	(31C)	SIGNED	4	WTRXRSU1 (10)	RESERVED FOR USER
796	(31C)	X'344'	0	WTRXLEN	**_WTRXDSEC" LENGTH OF IATYWTRX

IATYWTRX Cross Reference

- Name**
 IATODPX
 WTRAPCSW
 WTRAPFLG
 WTRATPST
 WTRCSWSV
 WTROBLDL
 WTROBUFP
 WTROBUSO
 WTROCCWA
 WTROCCWC
 WTROCCWE
 WTROCCWP
 WTROCH9
 WTROCREJ
 WTROCSBC
 WTROCSB1
 WTROCSB2
 WTROCSWA
 WTROCTRL
 WTROCTRN

IATYWTRX Cross Reference

Name

WTRODCBP
WTRODISI
WTRODSKP
WTRODTCK
WTRODTIC

WTROECB
WTROEJCT
WTROEOT
WTROEOTN
WTROEQCK

WTROFCBA
WTROFCBC
WTROFCBD
WTROFCBE
WTROFCBF

WTROFCBN
WTROFCBP
WTROFCBS
WTROFCBX
WTROINTR

WTROIOB
WTROLDCK
WTRONEXT
WTROOVRN
WTROSNS0

WTROSNS1
WTROS1B0
WTROS1B1
WTROS1B2
WTROS1B3

WTROS1B4
WTROS1B5
WTROS1B6
WTROS1B7
WTROTIC

WTROUSEQ
WTROXLAT
WTRXAREA
WTRXBUFR
WTRXCLRP

WTRXCMSE
WTRXDSEC
WTRXEJCT
WTRXEOC
WTRXFBL

WTRXFBLN
WTRXFBML
WTRXFBMT
WTRXFEEED
WTRXIOSB

WTRXLEN
WTRXMSGO
WTRXOSPD
WTRXPPB
WTRXPPL

WTRXPPLN
WTRXPPL2
WTRXPP2L
WTRXRSD1
WTRXRSS1

Name

WTRXRSU1

IATYWTRX Cross Reference

IATYWTR1 Information

IATYWTR1 Programming Interface information

Programming Interface information

IATYWTR1

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

- | | | | |
|------------|------------|------------|------------|
| • IATXOSCI | • WTRDMSGR | • WTRFRDEP | • WTROWTRX |
| • IATXOSCO | • WTRDNAME | • WTRFSAFL | • WTRPRD14 |
| • IATXOSG | • WTRDPPSR | • WTRFSETE | • WTRPREG2 |
| • IATXOSOI | • WTRDQMSG | • WTRFSV10 | • WTRPRL14 |
| • IATXOSOO | • WTRDRFOR | • WTRFTEEP | • WTRPSAV1 |
| • IATXOSP | • WTRDRLJN | • WTRIFDBI | • WTRPSAV2 |
| • WTRDCLR | • WTRDSNAM | • WTRIFLG1 | • WTRPSAV3 |
| • WTRDCTAD | • WTRDSTUP | • WTRIPTK1 | • WTRPSAV4 |
| • WTRDDIAG | • WTRDWAIT | • WTRIPTK2 | • WTRPSM14 |
| • WTRDDSER | • WTRFCPER | • WTRIRCDS | • WTRPSSCA |
| • WTRDFAIL | • WTRFGDEP | • WTRISLEN | • WTRPSV14 |
| • WTRDFDJD | • WTRFINEP | • WTRMPEPT | • WTRPWT14 |
| • WTRDLGCR | • WTRFPDQC | • WTROCDEP | • WTRSNREC |
| • WTRDMDDS | • WTRFPDQF | • WTROPPQF | • WTRSRECN |
| • WTRDMDD2 | • WTRFPDQL | • WTROPPQL | • WTRWPRSQ |
| • WTRDMSAV | • WTRFPDQS | • WTROPPQN | |

End of Programming Interface information

Heading Information • IATYWTR1 Map

IATYWTR1 Heading Information

Common Name: WRITER WORK/CONTROL AREA
Macro ID: IATYWTR
DSECT Name: WTRDSECT, IOSB
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IATODFD, IATODPN, IATODPR, IATODSI, IATODSN, or IATODWD
 Offset: 0
 Length: 8
 Note: The Eye-Catcher will be the name of the module that expands it as a CSECT.
Storage Attributes: Auxiliary Storage: N/A
 Subpool: 251
Size: WTRDSECT - 0.2K
 IOSB - WTROODSZ
Created by: N/A
Pointed to by: R13 WHILE IN THE DRIVER OR SUPPORT MODULE WHICH IS REFERENCING IT
 ALSO:
 WTRDIARE --> INPUT AREA
 WTRDAREA --> OUTPUT AREA
Serialization: FIELDS WHICH HAVE SERIALIZED ACCESS
 WSPFDBS - BETWEEN THE WRITER AND PPQ MANAGER (I.E. ONLY ONE USER OF THE WOSE FDB)
 WTRDIEF & WTROFLGS - THE ODIEF FLAG IS USED BY THE DIE ROUTINE (IATOSDI) TO POST (VIA CS) THE SUPPORT ROUTINE (E.G. IATOSPR) WHEN AN EVENT HAS OCCURRED. THE OFLGS FIELD IS EQUATED TO THE SAME BYTE AS ODIEF.
Function: PROVIDE DATA CSECTS NEEDED BY OUTPUT SERVICE DRIVERS AND SUPPORT ROUTINES FOR OUTPUT WRITER PROCESSING

IATYWTR1 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATODWD	
0	(0)	SIGNED	4	WTRSTART (0)	DATA AREA START

Comment

IATYMOD BR=NO

JES3 MODULE ENTRY POINT IDENTIFIER

01 Change Activity:

\$SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0

End of Comment

0	(0)	CHARACTER	8		MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
OUTPUT SERVICE WRITER DATA AREA					

THE SECURITY PARAMETER LIST FOR WRITERS IS ANCHORED IN WTRDSECA BELOW. IT IS AGETMAINED IN IATOSWC.					

End of Comment					
36	(24)	ADDRESS	4	WTRDSECA	SECURITY DATA PARM LIST FOR IATXSEC
40	(28)	SIGNED	4	WTRSECPTR	SECURITY MACRO IATYSEC PTR FOR WTRPWSPA
Comment					

TRDCCDB IATYCNDDB DSECT=NO CALLING CONSOLE INFORMATION

```

IATYCNDDB_1;;
START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  5647-A01 COPYRIGHT IBM CORP. 1989, 2010
  STATUS= HJS7770
  END_OF_PROPRIETARY_STATEMENT
  This data area is maintained as a CASE mapping macro.
  Changes should be made to the CASE source and then
  the PLX and Assembler should be regenerated.
  Do NOT make changes to the PLX or Assembler directly!
01 Descriptive Name: Console Destination Block
  Acronym: CNDB
01 Macro Name: IATYCNDDB
01 DSECT Name: IATYCNDDB
  --based variable for storage mapping
01 Component: JES3 (SC1BA)
01 Function:
02 The console destination block is a control block that
  contains information related to the destination that
  messages should be sent to. This control block is built
  as commands are entered into to the system and is used by
  command processors as a destination for where to return
  messages to. The control block is imbedded in other
  control blocks and the size of the data area must not
  change (otherwise a JES3 cold start is required). The
  data is referenced by non-source maintained modules, so
  offsets into the data area must not change.
01 Eye-Catcher: CNDBEYE
02 Offset: 4
02 Length: 4
01 Language: PL/X
01 Storage Attributes:
02 Allocation Method: Imbedded within other control blocks
02 Main Storage: 94
  
```

IATYWTR1 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
02 Virtual Storage: 94					
02 Auxiliary Storage: 94					
02 Subpool: n/a					
02 Key: 1					
02 Data Space: N/A					
02 Residency: any					
02 Frequency: n/a					
02 Size: 94					
02 Created by: n/a					
02 Deleted by: n/a					
02 Pointed to by: Imbedded within other control blocks					
02 Serialization: none					
01 EXTERNAL CLASSIFICATION: DMTI					
01 END OF EXTERNAL CLASSIFICATION:					
01 Method Of access:					
02 ASM: IATYCNDB					
02 PLX: %INCLUDE SYSLIB(IATYCNDB)					
01 CHANGE ACTIVITY:					
\$QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support					
\$RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init					
\$T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0					
CASE/390 - VERSION 49					
END OF SPECIFICATIONS					
%					

					End of Comment
44	(2C)	SIGNED	4	WTRDCCDB (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

TRDDCDB IATYCNDB DSECT=NO DEVICE RELATED CONSOLE INFORMATION

```

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
  
```


Offsets

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

--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
140	(8C)	SIGNED	4	WTRDDCDB (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 INFORMATION

Comment

 DEFINITION OF WTRDCFLG

					End of Comment
234	(EA)	BITSTRING	1	WTRDCFLG	OUTPUT SERVICE WRITER FLAG
		1... ..		WTRDCRVS	"X'80" Reserved for service

IATYWTR1 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
THIS LINE DELETED BY APAR OW22430					
End of Comment					
235	(EB)	BITSTRING	1	WTRRSVD0	RESERVED FOR DEVELOPMENT
236	(EC)	BITSTRING	1	WTRDMSGF	MESSAGE FLAGS
Comment					
----- DEFINITION OF WTRDMSGF -----					
End of Comment					
		1... ..		WTRDMSGP	"X'80" COMMAND PENDING IN WTRDMSGI
		.1.		WTRDINTV	"X'40" INTERVENTION REQUIRED PEND.
		..1.		WTRDTMEX	"X'20" TIMER HAS EXPIRED
		...1		WTRIRCUR	"X'10" FAILSOFT RECURSION
		.... 1...		WTROCHOR	"X'08" OUTPUT DEV IS CHAN-ORIENTED
		.... .1..		WTRJPDV	"X'04" RJP DEVICE
		.... ..1.		WTRLNTRN	"X'02" RJP LINE TURNAROUND
		.... ...1		WTRFSTAT	"X'01" FSS CONTROLLER POST REQUEST 1
237	(ED)	BITSTRING	1	WTRDM731	IATOSSI DM731 footprint
238	(EE)	SIGNED	2	WTRRSVS0	RESERVED FOR SERVICE
240	(F0)	CHARACTER	8	WTRCIMPL	COMMAND IMPLEMENTATION MOD
248	(F8)	CHARACTER	10	WTRT7008	TEXT FOR IAT7008
258	(102)	BITSTRING	1	WTRDPFLG	PARAMETER FLAGS
Comment					
----- DEFINITION OF WTRDPFLG -----					
End of Comment					
		1... ..		WTRDINVO	"X'80" INVALID CONTROL CHARACTER.
		.1.		WTRDLMSG	"X'40" LOAD MESSAGE REQUIRED
		..1.		WTRDLDCM	"X'20" COPY MOD MUST BE LOADED
		...1		WTRDLNST	"X'10" STACKER MUST BE CHANGED
		.... 1...		WTRDLFLS	"X'08" FLASH MUST BE CHANGED
		.... .1..		WTRDLFRM	"X'04" FORMS MUST BE LOADED
		.... ..1.		WTRDLUCS	"X'02" UCS MUST BE LOADED
		.... ...1		WTRDLFCB	"X'01" FCB/TAPE MUST BE LOADED
258	(102)	X'80'	0	WTRDLMRC	"WTRDINVO" REF CHAR MUST BE LOADED
Comment					
FIELDS FOR SECURITY INFORMATION FOR WRITERS					
End of Comment					
259	(103)	BITSTRING	1	WTRSCFLG	SECURITY FLAG BYTE
		1... ..		WTRSCGMN	"X'80" AGETMAIN FOR YSEC PERFORMED
		.1.		WTRSAFOK	"X'40" SAF AUTHORIZATION RECEIVED- 0546 DO NOT BYPASS IATOSNT 0546
Comment					
----- FULL DATA SET NAME AND SAF ENTITY NAME -----					
End of Comment					
260	(104)	BITSTRING	1	WTRDSSNL	LENGTH OF WTRDSSNF

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
261	(105)	BITSTRING	44	WTRDSSNF	MAX DATASET NAME SIZE
305	(131)	BITSTRING	1	WTRNTNM	SAF ENTITY NAME

Comment

LOGSTR FOR IATXSEC CALLS

End of Comment

358	(166)	BITSTRING	1	WTRDLSL	LENGTH OF WTRDLS
359	(167)	CHARACTER	24	WTRDLS	MAX LOGSTRING SIZE
384	(180)	ADDRESS	4	WTRDSSCA	PTR TO YPSSC CONTROL BLOCK 0357
388	(184)	SIGNED	4	WTRFENQ	AENQ COUNT FOR FSS WRITERS
392	(188)	SIGNED	4	WTRIDLES	Start of idle period
396	(18C)	BITSTRING	3	WTRRSVD8	RESERVED FOR DEVELOPMENT
399	(18F)	CHARACTER	80	WTRDOTOK	SECURITY TOKN OF OWNING JOB
479	(1DF)	CHARACTER	80	WTRDR TOK	DATA SET SECURITY TOKEN 0094
559	(22F)	BITSTRING	1	WTRRSVS2	Reserved for Service

Comment

WTRDMSG MESSAGE TEXT=WTRDMSGO,MF=L
\$T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0

End of Comment

560	(230)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
560	(230)	ADDRESS	4	WTRDMSG	Text Address
564	(234)	BITSTRING	2		Destination Disp and Mask
566	(236)	BITSTRING	1		ACTION flag
567	(237)	ADDRESS	1		Options Flag
568	(238)	BITSTRING	2		Descriptor Codes
570	(23A)	SIGNED	2		Reserved 2 Bytes
572	(23C)	BITSTRING	17		Routing Codes
589	(24D)	BITSTRING	1	(3)	Reserved
592	(250)	BITSTRING	1	(8)	Jobid
600	(258)	BITSTRING	1	(8)	Jobname
608	(260)	BITSTRING	1	(8)	Key
616	(268)	ADDRESS	4		CNDB Address 1
620	(26C)	ADDRESS	4		CNDB Address 2
624	(270)	ADDRESS	4		CNDB Address 3
628	(274)	ADDRESS	4		CNDB Address 4
632	(278)	ADDRESS	4		CNDB Address 5
636	(27C)	ADDRESS	4		MLWO Address

Comment

IATXCNDB MF=(L,WTRDXCDB)
MACDATE -94/10/04-<3>

End of Comment

0	(0)	X'280'	0	M00M0055	"WTRDXCDB" ++ IATXCNDB NAME
640	(280)	DBL WORD	8	WTRDXCDB (0)	++ IATXCNDB PARM LIST
640	(280)	BITSTRING	1	WTRDXCDB_XVERSION	++ INPUT XVERSION
641	(281)	CHARACTER	6	WTRDXCDB_XEYECATCH	++ CONSTANT
647	(287)	BITSTRING	2	WTRDXCDB_XFLAG1	++ FIELD_LABEL
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_INITIALIZE	"B'1000000000000000" ++ XOPERATION.INITIALIZE KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_TRANSFER	"B'0100000000000000" ++ XOPERATION.TRANSFER KEYWORD

IATYWTR1 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_UPDATE	"B'0010000000000000" ++ XOPERATION.UPDATE KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_RESET	"B'0001000000000000" ++ XOPERATION.RESET KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_VERIFY	"B'0000100000000000" ++ XOPERATION.VERIFY KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_TRANSCONSID	"B'0000010000000000" ++ XOPERATION.TRANSCONSID KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_TRANSROUT	"B'0000001000000000" ++ XOPERATION.TRANSROUT KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_EXTRACTCONSID	"B'0000000100000000" ++ XOPERATION.EXTRACTCONSID KEYWORD
		1...		WTRDXCDB_XOPERATION_EXTRACTCONSNAME	"B'0000000010000000" ++ XOPERATION.EXTRACTCONSNAME KEYWORD
		.1..		WTRDXCDB_XOPERATION_EXTRACTCONSTYPE	"B'0000000001000000" ++ XOPERATION.EXTRACTCONSTYPE KEYWORD
		..1.		WTRDXCDB_XOPERATION_EXTRACTROUT	"B'0000000000100000" ++ XOPERATION.EXTRACTROUT KEYWORD
		...1		WTRDXCDB_XOPERATION_EXTRACTCART	"B'0000000000010000" ++ XOPERATION.EXTRACTCART KEYWORD
649	(289)	BITSTRING	1	WTRDXCDB_XABEND	++ INPUT
		1...		WTRDXCDB_XABEND_YES	"B'10000000" ++ XABEND.YES KEYWORD
		.1..		WTRDXCDB_XABEND_NO	"B'01000000" ++ XABEND.NO KEYWORD
650	(28A)	BITSTRING	1	WTRDXCDB_XUSERADDR	++ FIELD_LABEL
651	(28B)	CHARACTER	1	WTRDXCDB_XRSV001	++ RESERVED
652	(28C)	ADDRESS	4	WTRDXCDB_XCNDB	++
656	(290)	ADDRESS	4	WTRDXCDB_XOUTCNDB	++
660	(294)	ADDRESS	4	WTRDXCDB_XINCNDDB	++
664	(298)	ADDRESS	4	WTRDXCDB_XCONSNM	++
668	(29C)	ADDRESS	4	WTRDXCDB_XCONSID	++
672	(2A0)	ADDRESS	4	WTRDXCDB_XOUTCONSID	++
676	(2A4)	CHARACTER	2	WTRDXCDB_XRSV002	++ RESERVED
678	(2A6)	BITSTRING	1	WTRDXCDB_XFLAG2	++ FIELD_LABEL
		1...		WTRDXCDB_XCMDIND_YES	"B'10000000" ++ XCMDIND.YES KEYWORD
		.1..		WTRDXCDB_XCMDIND_NO	"B'01000000" ++ XCMDIND.NO KEYWORD
679	(2A7)	BITSTRING	1	WTRDXCDB_XKEYS	++ FIELD_LABEL
		1...		WTRDXCDB_KEYUSED_CMDIND	"B'10000000" ++ KEYUSED.CMDIND KEYWORD
680	(2A8)	ADDRESS	4	WTRDXCDB_XROUT	

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
684	(2AC)	ADDRESS	4	WTRDXCDB_XCART	++
688	(2B0)	ADDRESS	4	WTRDXCDB_XOUTCONSNAME	++
692	(2B4)	ADDRESS	4	WTRDXCDB_XOUTCONSTYPE	++
696	(2B8)	ADDRESS	4	WTRDXCDB_XOUTROUT	++
700	(2BC)	ADDRESS	4	WTRDXCDB_XOUTCART	++
700	(2BC)	X'40'	0	WTRDXCDBL	++ **-"WTRDXCDB" ++ LENGTH OF PLIST

Comment

IATXCNDB-3

End of Comment

704	(2C0)	SIGNED	2	WTRRSVS1	RESERVED FOR SERVICE
708	(2C4)	SIGNED	4	(0)	
708	(2C4)	BITSTRING	1	WTRDMSGI	
944	(3B0)	CHARACTER	120	WTRDMSGO	OUTPUT MESSAGE AREA

Comment

THESE LINES DELETED BY PAR0301

End of Comment

1064	(428)	CHARACTER	8	WTRDODDN	OUTPUT COMPONENT DDNAME
------	-------	-----------	---	----------	-------------------------

Comment

THE FOLLOWING FOUR FIELDS MUST REMAIN TOGETHER

End of Comment

1072	(430)	CHARACTER	8	WTRDTYPE (0)	OUTPUT TYPE - FROM SUPTYPE 0053
1072	(430)	CHARACTER	3	WTRDOTYP	OUTPUT COMPONENT GTYPE
1075	(433)	CHARACTER	4	WTRDOSTY	OUTPUT COMPONENT STYPE
1079	(437)	BITSTRING	1	WTRDOMOD	OUTPUT COMPONENT MODEL

Comment

END OF RELATION FOR FIELDS WTRDTYPE -> WTRDOMOD 0

End of Comment

1080	(438)	CHARACTER	4	WTRDODEV	OUTPUT DEVICE NUMBER
1080	(438)	X'439'	0	WTRDODV3	"WTRDODEV+1,3" 3 DIGIT PORTION OF DEVICE NUMBER WTRDODEV

Comment

\$SK = ENF58CK HJS7708 020916 ID1RS: z 1.5.0
IATXOSEN MF=L

End of Comment

1084	(43C)	SIGNED	4	WTRXOSEN (0)	List form
1084	(43C)	ADDRESS	4		CTOKEN address
1088	(440)	ADDRESS	4		New client token address
1092	(444)	ADDRESS	4		Address of system hold reason
1096	(448)	ADDRESS	4		Address of reason text
1100	(44C)	ADDRESS	4		Address of checkpoint data

IATYWTR1 Map

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

<p>When ENF58 signal is issued for non-FSS writers, the following fields will have the checkpointed copy, record and page counts. The following three fields must always be together. The 12 byte area will be passed in the CHK= parameter on the IATXOSEN macro while issuing the checkpoint ENF58 signal.</p>					

End of Comment					
1104	(450)	BITSTRING	12	WTROCHK (0)	
1104	(450)	SIGNED	4	WTROCOPY	Copy count
1108	(454)	SIGNED	4	WTROREC	Record count
1112	(458)	SIGNED	4	WTROPAGE	Page count (not used for line mode printers)
1116	(45C)	BITSTRING	1	WTRDFLGO	OUTPUT COMPONENT FLAG BYTE
Comment					

DEFINITION OF WTRDFLGO					

End of Comment					
		1... ..		WTRORJCT	"X'80" ONLY ALLOW ONE OPER COMMAND
		.1.. ..		WTROCLOS	"X'40" PERFORM JESCLOSE ONLY \$\$\$
		..1.		WTROREAL	"X'20" LABEL=REAL ON IATXOSOO LABEL=FINAL ON IATXOSCO
		..1.		WTRORTRUN	"X'20" TRUNC=YES ON IATXOSP
		...1		WTRORLBL	"X'10" SETUP CALL
		.... 1...		WTRORVOL	"X'08" GENERATE VOL LABEL
1116	(45C)	X'8'	0	WTRORCONS	"WTRORVOL" SUSPEND FOR CONSOLE OUT
		.... .1..		WTRORDS	"X'04" GENERATE DS LABEL
		.... .1.		WTRORREG	"X'02" PARMS ARE IN REG
		.... ...1		WTRORNNP	"X'01" NEWPAGE=NO ON IATXOSOO
		.... ...1		WTRORLIST	"X'01" PARMS ARE IN LIST (IATXOSP)
1117	(45D)	BITSTRING	3	WTRORSVD9	RESERVED FOR DEVELOPMENT
1120	(460)	BITSTRING	6	WTRRSWBF	M.R FOR SWB IN STG- WTRRSWBP
1128	(468)	SIGNED	4	WTRRSWBP	ADDRESS OF SWB POINTER LIST D015 FOR SMF6 MAPPED BY IEFSJTRP D015
1132	(46C)	SIGNED	2	WTRRSWBN	NUMBER OF SWB POINTERS IN D015 WTRRSWBP LIST D015
1134	(46E)	SIGNED	2	WTRRSWBSZ	TOTAL SIZE OF SWBTU POINTED D015 TO BY WTRRSWBP LIST D015
1136	(470)	CHARACTER	8	WTRRTIME	PRINTER START TIME IN EBCDIC
1144	(478)	SIGNED	4	WTRRDATE	PRINTER START DATE IN JULIAN
1148	(47C)	CHARACTER	8	WTRRTUSID	TSO USERID
1156	(484)	ADDRESS	4	WTRRDSUPO	OUTPUT SUPUNITS ADDRESS
1160	(488)	CHARACTER	8	WTRRDIDDN	INPUT COMPONENT DDNAME
1168	(490)	CHARACTER	3	WTRRDITYP	INPUT COMPONENT GTYPE
1171	(493)	CHARACTER	4	WTRRDISTY	INPUT COMPONENT STYPE
1175	(497)	BITSTRING	1	WTRRDIMOD	INPUT COMPONENT MODEL
1176	(498)	CHARACTER	3	WTRRDIDEV	INPUT DEVICE ADDRESS
1179	(49B)	BITSTRING	1	WTRRDFLGI	INPUT COMPONENT FLAG BYTE
Comment					

DEFINITION OF WTRRDFLGI					

End of Comment					

Offsets		Type/Value 1...	Len	Name (Dim) WTRSTACC	Description
Dec	Hex				
		.1..		WTRENFDS	"X'40" Issue ENF signal for non-FSS writer data set selection
		..1.		WTRWOSE	"X'20" Need to release WOSE
1186	(4A2)	SIGNED	2	WTRRSVD1	RESERVED FOR DEVELOPMENT
1188	(4A4)	ADDRESS	4	WTRDFAIL	DUMP/RETURN ROUTINE ADDRESS
1192	(4A8)	ADDRESS	4	WTRDSUPI	INPUT SUPUNITS ADDRESS
1196	(4AC)	SIGNED	4	WTRDRSV5	RESERVED FOR SERVICE
1200	(4B0)	ADDRESS	4	WTRDINTS	INTERVENTION REQ. SUPUNITS
1204	(4B4)	SIGNED	4	WTRDRCD5	OUTPUT RECORD COUNT
1208	(4B8)	SIGNED	4	WTRCRDS	OUTPUT RECD CONT FOR INQUIRY
1212	(4BC)	SIGNED	4	WTRDPGCT	OUTPUT PAGE COUNT
1216	(4C0)	ADDRESS	4	IATXOSOO	OUTPUT COMPONENT OPEN ADDR.
1220	(4C4)	ADDRESS	4	IATXOSP	OUTPUT COMPONENT PUT ADDR.
1224	(4C8)	ADDRESS	4	IATXOSCO	OUTPUT COMPONENT CLOSE ADDR.
1228	(4CC)	ADDRESS	4	WTRDCLR	OUTPUT BUFFER-CLEARING RTN.
1228	(4CC)	X'4CC'	0	WTRFCPER	"WTRDCLR" FSS WTR CHKPOINT ERROR RTN.
1232	(4D0)	ADDRESS	4	IATXOSOI	INPUT COMPONENT OPEN ADDR.
1236	(4D4)	ADDRESS	4	IATXOSG	INPUT COMPONENT GET ADDR.
1240	(4D8)	ADDRESS	4	IATXOSCI	INPUT COMPONENT CLOSE ADDR.
1244	(4DC)	ADDRESS	4	WTRDCDEP	OUTPUT COMPONENT CDE
1248	(4E0)	ADDRESS	4	WTRDAREA	OUTPUT COMPONENT AREA
1252	(4E4)	CHARACTER	8	WTRDONAM	OUTPUT COMPONENT MODULE NAM
1244	(4DC)	ADDRESS	4	WTRFRSV1	RESERVED FOR FSS DEVELOPMNT
1248	(4E0)	ADDRESS	4	WTRFSETE	IATOSFD MSG RTN FOR DEVICE FAILURE WITH ETE BIT SET ADDRESS (LABEL: OFDFE000)
1252	(4E4)	ADDRESS	4	WTRFINEP	FSS WTR INIT ENTRY POINT
1260	(4EC)	ADDRESS	4	WTRDICDE	INPUT COMPONENT CDE ADDR.
1264	(4F0)	ADDRESS	4	WTRDIARE	INPUT COMPONENT AREA
1268	(4F4)	CHARACTER	8	WTRDINAM	INPUT COMPONENT NAME
1260	(4EC)	ADDRESS	4	WTRFGDEP	FSS WTR GETDS ENTRY POINT
1264	(4F0)	ADDRESS	4	WTRFRDEP	FSS WTR RELDS ENTRY POINT
1268	(4F4)	ADDRESS	4	WTRFTEEP	FSS WTR TERM ENTRY POINT
1276	(4FC)	ADDRESS	4	WTRMPEPT	IATOSMP MODULE ENTRY POINT
1280	(500)	ADDRESS	4	WTRDRFOR	IATOSMP FCB MAPPING ROUTINE ADDRESS (LABEL: OSMRFOR)
1284	(504)	ADDRESS	4	WTRDQMSG	IATOSFD DEQUE ACTIVE MSG RTN#587 ADDRESS (LABEL: OFDDQMSG) #587
1288	(508)	ADDRESS	4	WTRDNAME	IATOSWC DDNAME RETRVAL RTN ADDRESS (LABEL: OSDPOINT)
1292	(50C)	ADDRESS	4	WTRDSTUP	IATOSWC SETUP CHECK ROUTINE ADDRESS (LABEL: OSWCSTUP)
1296	(510)	ADDRESS	4	WTRDWAIT	IATOSWC WAITING WORK MSG RTN ADDRESS (LABEL: OSWCWAIT)
1300	(514)	ADDRESS	4	WTRDMDDS	IATOSWC MAN/DIAG MODE MSG RTN ADDRESS (LABEL: OSWCMDDS)
1304	(518)	ADDRESS	4	WTRDMDD2	IATOSWC MAN/DIAG MODE MSG RTN 2 (LABEL: OSWCMD2)
1308	(51C)	ADDRESS	4	WTRDDIAG	IATOSWC DIAGNOSTIC MSG ROUTN ADDRESS (LABEL: OSWCDIAG)
1312	(520)	ADDRESS	4	WTRDDSER	IATOSWC DIAGNOSTIC MSG ROUTN ADDRESS (LABEL: OSWCDSER)
1316	(524)	ADDRESS	4	WTRDSNAM	IATOSWC DSNAME CREATE RTN ADDRESS (LABEL: OSWCDSNM)
1320	(528)	ADDRESS	4	WTRDFDJD	FIND JESNEWS SUBROUTINE 2633
1324	(52C)	ADDRESS	4	WTRDRLJD	RELEASE JESNEWS SUBROUTINE 2633
1328	(530)	ADDRESS	4	WTRDPPSR	COMMAND PROCESSOR PPQ SYNCH ROUTINE ADDRESS (LABEL: OSMPSYNC)
1332	(534)	ADDRESS	4	WTRDMSGR	COMMAND PROCESSOR MESSAGE ROUTINE ADDRESS (LABEL: OSMPPMSG) 0084
1332	(534)	X'0'	0	WTRDMGNA	"0" NON-ACTION MESSAGE (R1 VALUE TO OSMPPMSG ABOVE 0084)
1332	(534)	X'1'	0	WTRDMGAC	"1" ACTION MESSAGE (R1 VALUE TO OSMPPMSG ABOVE 0084)

IATYWTR1 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1336	(538)	ADDRESS	4	WTRDCTAD	COMMAND PROCESSOR PARAMETER TABLE ADDRESS (LABEL: OSMPTBL1)
1340	(53C)	ADDRESS	4	WTRFSAFL	IATOSFD FSA FAILURE MSG RTN ADDRESS (LABEL: OFDFS000)
1344	(540)	ADDRESS	4	WTRDLGCR	LOGSTR CREATE ROUTINE ADDR 0391 (LABEL: OSWCLGCR) 0391
1348	(544)	ADDRESS	4	WTROWTRX	WRITER EXTENSION ADDRESS
1352	(548)	ADDRESS	4	WTROCDEP	JDE ADDRESS FOR IATODPX
1356	(54C)	SIGNED	4	WTRDFSID (0)	FUNCTIONAL SUBSYSTEM ID
1356	(54C)	SIGNED	2	WTRDFSS	FSS PORTION OF FSID
1358	(54E)	SIGNED	2	WTRDFSA	FSA PORTION OF FSID
1360	(550)	CHARACTER	8	WTRFSSNM	FSS NAME FOR THIS FSS
1368	(558)	CHARACTER	8	WTRFMID	FSS RELDS INCOMPLETE/DATA- SET UNPRINTABLE MSG TEXT

Comment

FIRST BYTE OF WTRFMID = X'00' - NO MSG TEXT AVAIL
NOT X'00' - FSA RELDS INCOM/UNPRT

End of Comment

1376	(560)	ADDRESS	4	WTRFSSAD	FSS TABLE ENTRY ADDRESS
1380	(564)	ADDRESS	4	WTRFSAAD	FSA TABLE ENTRY ADDRESS
1384	(568)	ADDRESS	4	WTRFMPAD	FSS PROCESSOR MPC ENTRY AD
1388	(56C)	SIGNED	4	WTRFSTAR	CURRENT FSS/FSA STAGING AREA
1392	(570)	SIGNED	4	WTRFSV10	SAVE AREA USED BY IATXPQ ON INTERNAL CALLS
1396	(574)	BITSTRING	1	WTRFGDRN	HOLD REASON IF WTRFDSUP ON
1397	(575)	BITSTRING	1	WTRFRFCFM	Data set record format (Bit definitions same as JFCRECFM in the JFCB)
1398	(576)	SIGNED	2	WTRFRECL	Maximum data set record length
1400	(578)	SIGNED	4	WTRRSVD6 (2)	RESRVD FOR NON-FSS DEVLPMNT
1408	(580)	SIGNED	4	WTRXCPDS	NUMBER OF SKIPPED CPDS RECORDS FOR THIS DATA SET
1412	(584)	SIGNED	4	WTRXLMSD	NUMBER OF TRUNCATED LINE MODE SPANNED RECORDS FOR THIS DATA SET
1416	(588)	SIGNED	4	WTRFSYWM	DOMID FOR DATASET SYNCHRONIZATION
1420	(58C)	SIGNED	4	WTRFSWRK	FSS WORK AREA
1424	(590)	SIGNED	4	WTRFRSVD (2)	RESERVED FOR DEVELOPMENT
1432	(598)	SIGNED	4	WTRF3MSG	DOMID FOR MESSAGE IAT4730
1436	(59C)	SIGNED	4	WTRFRSVS (3)	RESERVED FOR SERVICE
1448	(5A8)	ADDRESS	4	WTRSPPAD	SET PRINT PARM ADDRESS
1452	(5AC)	SIGNED	4	WTRFRSVU (5)	RESERVED FOR USER

Comment

BEGINNING OF AREA DUMPED IN MESSAGE IAT7060 AFTER
WTRINDX BY SPECIFYING THE 'D' PARAMETER ON AN X,
R, OR C COMMAND FOR WRITERS IN FSS MODE.

End of Comment

1472	(5C0)	BITSTRING	1	WTRFFLG1	FSS WTR FLAG
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Comment

DEFINITION OF WTRFFLG1

End of Comment

1...	WTRFMFSS	"X'80"	THIS IS A FSS WRITER
.1..	....	WTRFFSS	"X'40"	THIS WTR SUPPORTS A FSS
..1.	....	WTRFFSA	"X'20"	THIS WTR SUPPORTS A FSA
...1	....	WTRFFSSA	"X'10"	FSS IS ACTIVE
....	1...	WTRFFSAA	"X'08"	FSA IS ACTIVE
....	.1..	WTRFRESP	"X'04"	ORDER RESPONSE PENDING

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... ..1. .... ...1		WTRFMPER WTRFNCKP	"X'02" OSMP IN CMD ERROR PROCESSING "X'01" NEW CHECKPOINT BUFFER W/O SPOOL ADDRESS
1473	(5C1)	BITSTRING	1	WTRFFLG2	FSS WTR FLAG
Comment					
----- DEFINITION OF WTRFFLG2 -----					
End of Comment					
		1... .... .1..		WTRFMPDL WTRFISET	"X'80" ADELETE MODULE IATOSMP "X'40" SETUP TO COMPLTE PROCESSING (I.E. FSI INTRVENTION ORDER SENT TO FSA BY IATOSFS AND RESPONSE HAS NOT BEEN RECEIVED OR PROCESSED)
		..1. .... ...1		WTRFFSRC WTRFUIR	"X'20" OSFS RECEIVED REJECT COMMAND "X'10" UPDATE INTERVENTION REQUIRED
Comment					
EQU X'08' RESERVED FOR DEVELOPMENT					
End of Comment					
		.... ..1. .... ..1.		WTRFPORQ WTRFDUMP	"X'04" POST FOR GETDS REQUIRED "X'02" OPERATOR REQUESTED DUMP DURING FAILSOFT - ABEND FSS ADDRESS SPACE WITH DUMP
1474	(5C2)	.... ...1 BITSTRING	1	WTRFRCUR WTRFFLG3	"X'01" FAILSOFT RECURSION FSS WTR FLAG
Comment					
----- DEFINITION OF WTRFFLG3 -----					
End of Comment					
		1... .... .1.. .... ..1. .... ...1		WTRFGTRL WTRFTREQ WTRFSVAL WTRFSMSG	"X'80" RELEASE WTR'S PENDING OSES "X'40" SET ORDER REQUIRED "X'20" DS VALIDATION ON SYNC REQ'D "X'10" WTRIOSE has job name and number for IAT7089 msg
		.... 1... .... ..1. .... ..1. .... ...1		WTRFDRET WTRFDSUP WTRFSARS WTRFDVRS	"X'08" OSMP RETURN W/OUT CMD IMPL "X'04" WTRFDSAD DS UNPRINTABLE BY FSS "X'02" FSA RESTART REQUESTED "X'01" DEVICE IS TO BE RESTARTED
1475	(5C3)	.... ...1 BITSTRING	1	WTRFFLG4	FSS WTR FLAG
Comment					
----- DEFINITION OF WTRFFLG4 -----					
End of Comment					
		1... .... .1.. .... ..1.		WTRFDCPI WTRFRSCD WTRFJTRL	"X'80" WTRFDSAD DS CHKPOINT INVALID "X'40" RELDS INCOMPLETE RECEIVED "X'20" JOB TRAILER WAS SPECIFIED ON SYNCH ORDER TO DEVICE
		...1 1... .... ..1. .... ..1.		WTRFJNDS WTRFJNNX WTRFCLR WTRFFAIL	"X'10" JESNEWS BEING SELECTED 2633 "X'08" JESNEWS TO BE SENT NEXT 2633 "X'04" PDQ CLEAR IN PROGRESS "X'02" FSS AND WRITER TO TERMINATE #245

IATYWTR1 Map

Offsets		Type/Value.... ...1	Len	Name (Dim) WTRFDOSU	Description "X'01" UPDATE DOSE ON PDQWOSWR 3339
Dec	Hex				

Comment

END OF THIS AREA DUMPED BY SPECIFYING THE D PARAMETER ON AN X, S, R, OR C COMMAND FOR FSS MODE WRITERS. (SEE WTRFFLG5)

THE FOLLOWING FIVE FIELDS IDENTIFY THE JOB IN PROGRESS AT THE CHANNEL INTERFACE. FOR NON-CHANNEL-ORIENTED OUTPUT DEVICE (E.G. 3800) OR A DEVICE DRIVEN BY AN FSS, THEY MAY NOT PERTAIN TO THE SAME JOB AT THE TRANSFER STATION OR STACKER AS IDENTIFIED BY THE ACTIVE RESQUEUE IN FCTRQAD. INITIALLY, WE COULD HAVE BOTH THE FCTRQAD AND THE FOLLOWING FIVE FIELDS IDENTIFYING THE SAME JOB. AS THE JOB PROGRESSES THROUGH THE CHANNEL THE WRITER COULD START TO BRING IN THE NEXT JOB AND UPDATE THE VALUES OF THE FOLLOWING FIVE FIELDS. THE FIELD FCTRQAD DIDN'T GET UPDATED UNTIL THE FIRST UNIT OF THE NEXT JOB IS READY TO BE STACKED. THUS, WE HAVE A SMALL WINDOW HERE WHERE WE HAVE THE FCTRQAD AND THE FOLLOWING FIELDS POINTING TO DIFFERENT JOBS.

End of Comment

1476	(5C4)	CHARACTER	24	WTRDDSN	DATASET NAME IN PROGRESS
1500	(5DC)	CHARACTER	8	WTRDJNAM	JOB NAME IN PROGRESS
1508	(5E4)	CHARACTER	8	WTRDJID	JOB ID IN PROGRESS
1516	(5EC)	ADDRESS	4	WTRDRSQ	RQ ADDR FOR CURRENT JOB
1520	(5F0)	CHARACTER	8	WTRDYNAM	JOB ID FOR DYNAMIC WTR

Comment

 FIELDS USED BY THE PENDING DATA SET QUEUE
 MANAGER (IATOSFP)

End of Comment

1528	(5F8)	ADDRESS	4	WTRFDSAD	DATA SET ID ADDRESS FOR AN FSS WRITER
1532	(5FC)	ADDRESS	4	WTRFPDQF	ADDR OF FIRST (OLDEST) PDQ ENTRY (0 IF QUEUE EMPTY) MAINTAINED BY OSFP
1536	(600)	ADDRESS	4	WTRFPDQL	ADDR OF LAST (NEWEST) PDQ ENTRY (0 IF QUEUE EMPTY) MAINTAINED BY OSFP
1540	(604)	ADDRESS	4	WTRFPDQC	ADDR OF CURRENT (CHANNEL) PDQ. ZERO IF NO DS SELECTD MAINTAINED BY OSFP
1544	(608)	ADDRESS	4	WTRFRSVX	RESERVED FOR DEVELOPMENT
1548	(60C)	ADDRESS	4	WTRFPDQS	ADDR OF 'SYNCHED TO' PDQ IATXPdq TYPE=PDQSYNCH SETS MAINTAINED BY OSMP+OSFM

Comment

 FIELDS USED BY PENDING PAGE QUEUE MANAGER (IATOSWP)

End of Comment

1552	(610)	ADDRESS	4	WTROPPQF	ADDR OF FIRST (OLDEST) PPQ ENTRY (0 IF QUEUE EMPTY)
1556	(614)	ADDRESS	4	WTROPPQN	ADDR OF PPQ ENTRY FOR NEXT PAGE EXPECTED TO BE STACKED (0 IF NO EXPECTED PAGE IS IN PRINTER)
1560	(618)	ADDRESS	4	WTROPPQL	ADDR OF LAST (NEWEST) PPQ ENTRY (0 IF QUEUE EMPTY)

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1564	(61C)	SIGNED	4	WTRDCUPG	NUM OF PAGES INTO CURRENT TRANSMISSION. DECREASED FOR BACKSP, INCREASED FOR PRINTING & FORWARD SPACE
1568	(620)	SIGNED	4	WTRDCTPG	NUMBER OF PAGES IN A COMPLETE TRANSMISSION OF THE CURRENT DATA SET. ZERO WHEN THE FIRST TRANSMISSION HAS NOT COMPLETED.
1572	(624)	SIGNED	2	WTRICURR	OFFSET WITHIN WOSE BUFFER TO CURRENT DATA SET BEING PROCESSED AT THE CHANNEL
1574	(626)	SIGNED	2	WTROLRCL	Original logical record length of a record
1576	(628)	BITSTRING	1	WTRDPSTF	WRITER POST FLAG BYTE

Comment

 DEFINITION OF WTRDPSTF
 FLAGS SHOULD BE UPDATED UNDER NUC TASK ONLY

End of Comment

		1...		WTRDCMDQ	"X'80" OPERATOR COMMAND QUEUED FOR FCT
		.1..		WTRDSPRT	"X'40" SETPRINT COMPLETE
		..1.		WTRI7030	"X'20" MSG IAT7030 REPLIED TO BY OP
		...1		WTRISTAR	"X'10" COMMAND IS A START COMMAND
		.... 1..		WTRDSADD	"X'08" SETPRT TYPE=ADD ISSUED
		.... .1..		WTRDRCER	"X'04" SETPRT RECURSIVE ERROR IND
		.... ..1.		WTRDTMOT	"X'02" Writer timed out while waiting for work
		.... ...1		WTRDOFLG	"X'01" WORK AVAILABLE
1577	(629)	BITSTRING	1	WTRDMSAV	SAVE AREA FOR TASK MODE
1578	(62A)	BITSTRING	1	WTRSPFLG	SPANNED DATA FLAGS

Comment

 DEFINITION OF WTRSPFLG
 THE FLAGS ARE USED TO INDICATE THE TYPE OF DATA
 PASSED TO NETWORKING MODULE IATOSNJ

End of Comment

1578	(62A)	X'0'	0	WTRNOSPN	"FCTNOSPN" LOGICAL RECRD IS NOT SPANNED
1578	(62A)	X'80'	0	WTRSPAN	"FCTSPAN" SPANNED DATA PRESENT
1578	(62A)	X'C0'	0	WTRSPFIR	"FCTSPFIR" FIRST 'RECORD SECTION'
1578	(62A)	X'80'	0	WTRSPNTH	"FCTSPNTH" NTH 'RECORD SECTION'
1578	(62A)	X'A0'	0	WTRSPPLST	"FCTSPPLST" LAST 'RECORD SECTION'
1579	(62B)	BITSTRING	1	WTRFWOSU	OSFP WOSE UPDATE RTN FLAG
1580	(62C)	SIGNED	2	WTRSRLEN	SPANNED RECORD LENGTH

Comment

BEGINNING OF AREA DUMPED IN MESSAGE IAT7060 AFTER
 WTRFFLG1 THROUGH WTRFFLG4 BY SPECIFYING THE 'D'
 PARAMETER ON AN X, S, R OR C COMMAND FOR WRITERS
 IN FSS MODE.

End of Comment

1582	(62E)	BITSTRING	1	WTRFFLG5	FSS WRITER FLAG BYTE 5
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Comment

 DEFINITION OF WTRFFLG5

End of Comment

IATYWTR1 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		1...		WTRFRSTR	"X'80" FSS WRITER TO BE RESTARTED FOLLOWING IPL OF FSS MAIN
		.1..		WTRFSTRS	"X'40" STAGING AREA RECEIVED RESENT OVER RESTART (STARSNT)
		..1.		WTRFSYWT	"X'20" WAITING FOR DATASET SYNCHRONIZATION MSG ISSUED
		...1		WTRFFRIP	"X'10" FSA RESTART IN PROGRESS
		.... 1...		WTRFJOSL	"X'08" JOB/OSE SELECTED STATUS LOCK
		.... .1..		WTRFSRS	"X'04" SPECIALIZED RESCHEDULE HAS RETURNED NAVAIL-DYNAMIC WTR
		.... ..1.		WTRFQREQ	"X'02" QUERY ORDER REQUIRED
		.... ...1		WTRFSDDN	"X'01" DDNAME TO BE FOUND IN PDQ

Comment

END OF AREA DUMPED BY SPECIFYING THE D PARAMETER ON AN X, S, R, OR C COMMAND FOR FSS MODE WRITERS.

End of Comment

1583	(62F)	BITSTRING	1	WTRFFLG6	FSS WRITER FLAG BYTE 6
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Comment

DEFINITION OF WTRFFLG6

THE FOLLOWING 3 BITS INDICATE THAT JES REQUESTED SETUP, BUT THE DEVICE DOES NOT SUPPORT THAT PARTICULAR INTERV.

End of Comment

		.1..		WTRDJDST	"X'40" STACKER SETUP REQUESTED(JES)
		..1.		WTRDJFLS	"X'20" FLASH SETUP REQUESTED(JES)
		...1		WTRDJFRM	"X'10" FORMS SETUP REQUESTED(JES)
1583	(62F)	X'70'	0	WTRDJFLG	"WTRDJDST+WTRDJFLS+WTRDJFRM"
		.... .1..		WTRDUDST	"X'04" STACKER UPDATE INTERV. REQ.
		.... ..1.		WTRDUFLS	"X'02" FLASH UPDATE INTERV. REQ.
		.... ...1		WTRDUFRM	"X'01" FORMS UPDATE INTERV. REQ.
1583	(62F)	X'7'	0	WTRDUFLG	"WTRDUDST+WTRDUFLS+WTRDUFRM"
1584	(630)	BITSTRING	1	WTRFFLG7	FSS WRITER FLAG BYTE 7

Comment

DEFINITION OF WTRFFLG7

End of Comment

		1...		WTRFMANU	"X'80" MANUAL MODE PRINT BUFFER PROCESSING IN PROGRESS
		.1..		WTRFGRCM	"X'40" MANUAL MODE COMMAND PROCESSING IN PROGRESS
		..1.		WTRFVOFF	"X'20" SUPUNIT VARY OFFLINE SCHEDULED
		...1		WTRFPRIM	"X'10" PARM OSE IS FOR PRIME PDQ
		.... 1...		WTRFSATM	"X'08" FSA TO TERMINATE
		.... .1..		WTRFSABN	"X'04" STOP FSA ABNORMAL FOR *FAIL 0207 OR WTR ABEND IN PROGRESS 0207
		.... ..1.		WTRICKPG	"X'02" CHECKPOINT INTERVAL IS IN PAGES
		.... ...1		WTRICKSC	"X'01" CHECKPOINT INTERVAL IS IN SECONDS
1585	(631)	BITSTRING	1	WTRFFLG8	FSS WRITER FLAG BYTE 8

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Comment -----					
DEFINITION OF WTRFFLG8 -----					
----- End of Comment -----					
		1...		WTRFFIT	"X'80" FSA INITIATED TERMINATION 0046
		.1...		WTRFINZ0	"X'40" NON-0 NON-TERMINAL RETURN IN INTERVENTION ORDER RESP
		..1.		WTRFCKAL	"X'20" FSS checkpoint allocated
		...1		WTRDLOCN	"X'10" WHEN ON, INDICATES DLOCON HAS BEEN ISSUED; WHEN OFF DLOCOFF IS NOT REQUIRED
		.... 1... ..		WTRFIWTO	"X'08" WTO MESSAGE HAS BEEN ISSUED
		.... .1.. ..		WTRFCLPI	"X'04" CLEAR PRINT ISSUED FOR DYNAMIC WRITER
		.... ..1. ..		WTRFCPIP	"X'02" CLEAR PRINT IN PROGRESS
		.... ...1 ..		WTRFOSDP	"X'01" A DATASET IN THIS OSE HAS BEEN MARKED PENDING
1586	(632)	BITSTRING	1	WTRFFLG9	FSS FLAG BYTE 9
----- Comment -----					
DEFINITION OF WTRFFLG9 -----					
----- End of Comment -----					
		1...		WTRFSEET	"X'80" AN ENVIRONMENTAL TYPE ERROR (BIT RESP2ETE WAS SET IN RESPFL2) WAS RECEIVED IN RESPONSE TO A SET ORDER.
		.1...		WTRFQUET	"X'40" AN ENVIRONMENTAL TYPE ERROR WAS RECEIVED IN RESPONSE TO A QUERY ORDER.
		..1.		WTRFSYET	"X'20" AN ENVIRONMENTAL TYPE ERROR WAS RECEIVED IN RESPONSE TO A SYNCH ORDER.
		...1		WTRNOACT	"X'10" NO ACTION REQUIRED FOR THIS COMMAND
		.... 1... ..		WTRJTRNX	"X'08" Job trailer to go next
		.... .1.. ..		WTRFNDMP	"X'04" No dump of FSS required on FAILDSP
		.... ..1. ..		WTRWSPUP	"X'02" IATOSFP did an IATXOSWS GET/REL call for RQ saved in the primary WSP
		.... ...1 ..		WTRFWUAL	"X'01" Waiting for FSS to get unallocated
1587	(633)	BITSTRING	1	WTRFFLGA	FSS FLAG BYTE 10
----- Comment -----					
DEFINITION OF WTRFFLGA -----					
----- End of Comment -----					
		1...		WTRF0FDB	"X'80" A DM656 ABEND IS NOT NEEDED FOR A ZERO WOSE FDB. THE ROUTINE CALLING PDQWOSRD WILL HANDLE IT.
		.1...		WTRFNEWS	"X'40" PDQDSEL CALL WAS MADE FOR JESNEWS DATASET
		..1.		WTRFRLTM	"X'20" RELDS timer outstanding
		...1		WTRFRVMI	"X'10" RELDS timer cancelled, may need to be reissued
		.... 1... ..		WTRFRVA3	"X'08" BIT RESERVED FOR SERVICE
		.... .1.. ..		WTRFRVA4	"X'04" BIT RESERVED FOR SERVICE
		.... ..1. ..		WTRFRVA5	"X'02" BIT RESERVED FOR SERVICE
		.... ...1 ..		WTRFRVA6	"X'01" BIT RESERVED FOR SERVICE
1588	(634)	BITSTRING	8	WTRDWSTM	WRITER START TIME (TOD)

IATYWTR1 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- 0					
----- 0					
DEFINE THE PARAMETER LIST SPACE FOR IATUX45 0					
THIS AREA IS MAPPED VIA IATYUX45. 0					
----- 0					
2 lines deleted by PQK0002 0					
End of Comment					
1596	(63C)	BITSTRING	1	WTRFUX45	UX45 PARAMETER LIST
Comment					
----- 0					
FIELD WTRFJMRA POINTS TO THE JMR AREA THAT IS GET- 0					
MAINED IN IATOSFD. IT POINTS TO A BUFFER FOR THE 0					
COPIED JMR. UX45JMRA IS USED TO POINT TO THE JMR 0					
FOR A PARTICULAR IATUX45 CALL, OR IS 0 IF NOT AVAIL. 0					
----- 0					
End of Comment					
1632	(660)	SIGNED	4	WTRFJMRA	JMR BUFFER POINTER FOR UX45 0635
1636	(664)	SIGNED	4	WTRDRSV1 (2)	RESERVED FOR DEVELOPMENT 0002
1644	(66C)	SIGNED	4	WTRDRSV2 (5)	RESERVED FOR SERVICE
1664	(680)	SIGNED	4	WTRDRSV3	RESERVED FOR USER
Comment					

REASON CODES FOR FSS WRITER ABEND DM656 FAILURES					

End of Comment					
	....	...1		WTRFSAAC	"X'01" FSA ALREADY ACTIVE WITH A DIFFERENT WRITER FCT
	....	..1.		WTRPDQER	"X'02" ERROR RECREATING THE PDQ FOLLOWING HOTSTART
	....	..11		WTRXFSEF	"X'03" ERROR RETURN CODE FROM IATXFSS TYPE=FSSSTART 0546
	....	.1..		WTRFSSSA	"X'04" INVALID STAGING AREA RECEIVED FROM FSS
	....	.1.1		WTRFSASA	"X'05" INVALID STAGING AREA RECEIVED FROM FSA
	....	.11.		WTRSPFSS	"X'06" ERROR RETURN FROM STOP FSS ORDER
	....	.111		WTRSTFSA	"X'07" ERROR RETURN FROM START FSA ORDER
	....	1...		WTRSPFSA	"X'08" ERROR RETURN FROM STOP FSA ORDER
	....	1..1		WTRSTDEV	"X'09" ERROR RETURN FROM START DEVICE ORDER
	....	1.1.		WTRSPDEV	"X'0A" ERROR RETURN FROM STOP DEVICE ORDER
	....	1.11		WTRDMPRQ	"X'0B" DUMP REQUESTED BY JES3 IN FSS ADDRESS SPACE
	....	11..		WTRSYNDV	"X'0C" ERROR RETURN FROM SYNCH #096 ORDER #096
	....	11.1		WTRSETDV	"X'0D" ERROR RETURN FROM SET #096 ORDER #096
	....	111.		WTRFGDSF	"X'0E" ERROR FOUND BY THE GETDS PROCESSOR DURING PDQ PROCESSING
	....	1111		WTRIWFIT	"X'0F" INVALID WRITER STATE FOR FSA REQUESTED TERMINATION
	...1	....		WTRNZIOR	"X'10" NON-ZERO RETURN CODE FOUND IN THE INTERVENTION ORDER RESPONSE AREA BY IATOSFS
	...1	...1		WTRQUERYF	"X'11" ERROR RETURN FROM QUERY ORDER

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		...1 ..1.		WTRGDSST	"X'12" UNEXPECTED RETURN BY SETUP PROCESSOR DURING GETDS
		...1 ..11		WTRFSNUM	"X'13" Num of GETDS extensions 0073 is null 0073
		...1 ..1..		WTRDSTQ1	"X'14" UNABLE TO PROCESS STAR - DSTQ NOT AVAILABLE (OSFD)
		...1 ..1.1		WTRDSTQ2	"X'15" UNABLE TO PROCESS STAR - DSTQ NOT AVAILABLE (OSFD)
		...1 ..11.		WTRDSTQ3	"X'16" UNABLE TO DLOCON AFTER RESTART - (OSFD) DSTQ NOT AVAILABLE
		...1 ..111		WTRDSTQ4	"X'17" FSA UNABLE TO DLOCON ON DSTQ NOT AVAILABLE (OSFI)

Comment

 THE FOLLOWING REASONS CODES HAVE BEEN USED BY APAR OY38190 FOR RELEASES SP1.3.4 - SP2.2.1 FOR FSS PROCESSING (WHICH TAKES PLACE IN THE ESA RELEASES IN MODULE IATGRFC) AND ARE THEREFORE UNAVAILABLE FOR USE IN ANY FUTURE RELEASES.
 WTRDSTQ5 EQU X'18' DLOCON FAILURE
 WTRDSTQ6 EQU X'19' DSQ UNAVAILABLE

End of Comment

		...1 1.1.		WTRP0FDB	"X'1A" A ZERO WOSE FDB IN A PDQ HAS BEEN DETECTED WHEN TRYING TO DO A WOSE READ.
		...1 1.11		WTRFENQW	"X'1B" JESNEWS AENQ count wrong
		...1 11..		WTRNSTAR	"X'1C" WTRFISSET BUT NO STAR PASSED TO OSFS IN WTRFSTAR
		...1 11.1		WTROVSTP	"X'1D" FSI extn end addr points 0073 beyond the end of SRL 0073
		...1 111.		WTRGDPDQ	"X'1E" WTRDRSQ zero during PDQ GETDS processing

Comment

 SNARJP COMMUNICATION AREA

End of Comment

1668	(684)	SIGNED	4	WTRSNREC (4)	CURRENT RECORD CHKPT INFO -- THIS INCLUDES TWO M.R SPOOL ADDRESSES & AN OFFSET FIELD (CHNSZ)
1684	(694)	SIGNED	4	WTRSCHSZ	CHAIN SIZE FOR CURR DS
1684	(694)	X'694'	0	WTRSCHFL	"WTRSCHSZ,1" CHAIN SIZE SPEC. FLAG
1684	(694)	X'695'	0	WTRSCHPG	"WTRSCHSZ+1,1" NUM OF 'PAGES' IN SNA CHAIN
1684	(694)	X'696'	0	WTRSCHLN	"WTRSCHSZ+2,1" NUMBER OF LINES IN 'PAGE'
1688	(698)	CHARACTER	8	WTRSFRRMS	FORMS REQ'D
1696	(6A0)	CHARACTER	4	WTRSUCSO	TRAIN REQ'D
1700	(6A4)	CHARACTER	8	WTRSFBO	FCB REQ'D
1708	(6AC)	BITSTRING	8	WTRSCCTAB	COMPACTION TBL REQ'D
1716	(6B4)	BITSTRING	1	WTRSCOPY	COPIES REQ'D
1717	(6B5)	BITSTRING	1	WTRSRVSD	RESERVED FOR SNA
1718	(6B6)	BITSTRING	1	WTRSFGL1	PDIR /ERR FLAG

Comment

 DEFINITION OF WTRSFGL1

End of Comment

		1...		WTRSFMH2	"X'80" WORK STATION SUPPORTS PDIR
		.1..		WTRSSSEND	"X'40" SEND PDIR

IATYWTR1 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		..1.		WTRSPERR	"X'20" PERMANENT SNA ERROR
		...1		WTRSRERR	"X'10" RECOVERABLE TRANS. ERROR
		.... 1...		WTRPDIRN	"X'08" NEED TO SEND PDIR
1719	(6B7)	BITSTRING	1	WTRSFLG2	OSWD SNA FLAG

Comment

 DEFINITION OF WTRSFLG2

End of Comment

		1...		WTRSNXDS	"X'80" NEW DS DETECTED
		.1..		WTRSRST	"X'40" DS IS BEING RESTARTED
		..1.		WTRSF0CO	"X'20" FIRST OF CHAIN - WTR TAKES CHKPT
		...1		WTRSCHKT	"X'10" WTR TAKES CHKPTS ONLY ON FIRST OF CHAIN
		.... ..1.		WTRSSDEV	"X'02" WTR HAS SNA DEVICE
1720	(6B8)	BITSTRING	1	WTRSFLG3	SERVICE ROUTINE COMM. FLAG

Comment

 DEFINITION OF WTRSFLG3

End of Comment

		1...		WTRSMMSG	"X'80" MODIFY OSMP RESPONSE MSG
		.1..		WTRSPFCB	"X'40" IATXOSP IS FOR FCB LOAD
		..1.		WTRSLDEN	"X'20" LINE DENSITY REQUEST (SNA)
		...1		WTRSSUSP	"X'10" SESS. WAS SUSPENDED (OSMP)
		.... 1...		WTRSDSOP	"X'08" PDIR HAS BEEN SENT FOR DS
1724	(6BC)	SIGNED	4	(0)	
1724	(6BC)	SIGNED	4	WTRSRSV1 (5)	RESERVED FOR SNA DEV
1744	(6D0)	SIGNED	4	WTRSRVCN	SAVE AREA FOR JOB LINE CNT
1748	(6D4)	SIGNED	4	WTRSRSV2 (4)	RESERVED FOR SNA SERVICE
1764	(6E4)	SIGNED	4	WTRSRSV3	RESERVED FOR USER
1768	(6E8)	DBL WORD	8	WTRISYS (0)	START OF AREA ZEROED IN IATOSWD INITIALIZATION

Comment

 IATYWSP TYPE=F

IATYEQU JES3 STANDARD EQUATES
 IATYEQU ALREADY GENERATED
 OUTPUT SELECT PARAMETERS

01 Change Activity:

\$S5=SDSFASST HJS7760 080810 RD0RJ: z 1.11.0

End of Comment

1768	(6E8)	SIGNED	4	WSPSTART (0)	
1768	(6E8)	SIGNED	2	WSPTEJBC	Compatible with WSPTEJBI - see IATXJBNO macro
1770	(6EA)	CHARACTER	8	WSPTEUID	USER ID (SYSOUT)
1770	(6EA)	X'6EA'	0	WSPJOBID	"WSPTEUID" JOB ID (SYSOUT)
1768	(6E8)	ADDRESS	4	WSPCHAIN	WAIT FOR WORK CHAIN FIELD
1768	(6E8)	X'6E8'	0	WSPRECRD	"WSPCHAIN" TOTAL RECORDS PENDING JOB
1772	(6EC)	ADDRESS	4	WSPAECF	ECF ADDRESS, NEW WORK
1776	(6F0)	BITSTRING	1	WSPMASK	ECF MASK FIELD, NEW WORK
1777	(6F1)	BITSTRING	1	WSPHCNT	COUNT OF OUTSERV FCT'S 0370 WAITING TO PROCESS THIS 0370 HOT WRITER 0370
1778	(6F2)	BITSTRING	1	WSPFLAG	FLAG BYTE

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- DEFINITION OF WSPFLAG -----					
End of Comment					
		1... ..		WSPSELK	"X'80" RQ OSE LOCK HELD
		.1.. ..		WSPSSREQ	"X'40" SUBSYSTEM REQUEST
		..1.		WSPSYSRQ	"X'20" PROCESS SYSOUT REQUEST
		...1		WSPDEL	"X'10" DELETE REQUEST
		.... 1..		WSPREL	"X'08" RELEASE REQUEST
		.... .1..		WSPPUT	"X'04" PUT REQUEST
		.... ..1.		WSPGET	"X'02" GET REQUEST
		.... ...1		WSPSCHED	"X'01" SCHEDULE REQUEST
Comment					
----- THE FOLLOWING FLAGS ARE DOUBLE DEFINED. THEY ARE ONLY USED BY IATOSPC FOR PROCESS SYSOUT REQUESTS. THE FLAGS THEY ARE EQUATED TO ARE USED BY IATOSSC AND IATOSWS FOR OUTPUT SERVICE REQUESTS. -----					
End of Comment					
1778	(6F2)	X'10'	0	WSPFIRRQ	"WSPDEL" FIRST SYSOUT PSO REQUEST
1778	(6F2)	X'8'	0	WSPOKRET	"WSPREL" REQUEST ENDED SUCCESSFULLY
1778	(6F2)	X'1'	0	WSPRQCMP	"WSPSCHED" REQUEST IS COMPLETE
1779	(6F3)	BITSTRING	1	WSPFLG1	FLAG BYTE 1
Comment					
----- DEFINITION OF WSPFLG1 WSPPEND (Writer) and WSPTSO (PSO) doubly defined WSPCKPRQ (PSO) and WSPSAFFL (OUTSERV) doubly defined -----					
End of Comment					
		1... ..		WSPCKPT	"X'80" CHECKPOINT DATA SET FOUND
		.1.. ..		WSPCMPL	"X'40" THIS JOB IS COMPLETE
		..1.		WSPPOSTD	"X'20" WRITER POSTED
		...1		WSPSTRTD	"X'10" WRITER STARTED
		.... 1..		WSPPEND	"X'08" PENDING ENTRY FOUND
1779	(6F3)	X'8'	0	WSPTSO	"WSPPEND" TSO REQUEST FOR PSO WSP
		.... .1..		WSPCHNGE	"X'04" CHANGE FOUND
		.... ..1.		WSPFAILD	"X'02" FAILURE HAS OCCURED.
		.... ...1		WSPCKPRQ	"X'01" CHECKPOINT REQUIRED
1779	(6F3)	X'1'	0	WSPSAFFL	"WSPCKPRQ" SAF call failed during wait queue search
1780	(6F4)	SIGNED	4	(0)	WORD ALIGNMENT 3429
Comment					
----- The fields WSPPOSTJC and WSPFDBT are doubly defined. WSPPOSTJC, in conjunction with WSPPOSTJI, is used only for hot writer wait queue processing. -----					
End of Comment					
1780	(6F4)	SIGNED	2	WSPPOSTJC	Compatible with WSPPOSTJI - see IATXJBNO macro

IATYWTR1 Map

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

<p>WSPFDBT is used in conjunction with WSPFDBTB to hold the OSE FDB and previous sequence number (unlike most similar fields, these two are not consecutive).</p>					

End of Comment					
1780	(6F4)	BITSTRING	12	WSPFDBT	Temporary OSE
1792	(700)	SIGNED	2	WSPRSVS6	Reserved for IBM
1794	(702)	SIGNED	2	WSPLEN	Length of WSP
1796	(704)	BITSTRING	6	WSPJDS	JDS SPOOL ADDRESS SAVE AREA
1802	(70A)	BITSTRING	1	WSPFLG8	FLAG BYTE 8
Comment					

DEFINITION OF WSPFLG8 (CLEARED UPON ENTRY TO IATOSPC)					

End of Comment					
		.1...		WSPRQACC	"X'80" SET WHEN RQ ACCESS OBTAINED BY THE IATXARQ MACRO, RESET WHEN RQ ACCESS IS RELEASED
		.1..		WSPBDTRQ	"X'40" PSO REQUEST IS FROM BDT
		..1.		WSPNJERT	"X'20" PSO REQUEST IS FROM REROUTE
		...1		WSPNJERD	"X'10" PSO REQUEST IS FROM NJERDR
		.... 1...		WSPRQPRM	"X'08" PARM RQ SUPPLIED ON INPUT
		.... .1..		WSPJBFND	"X'04" OSS/MOSE INDICATES WORK EXISTS
		.... ..1.		WSPHWWQP	"X'02" Set when Hot Writer Wait Queue post occurred
		.... ...1		WSP8RSV3	"X'01" RESERVED FOR SERVICE
1803	(70B)	BITSTRING	1	WSPOSPC	IATOSPC ERROR REASON CODE
Comment					

DEFINITION OF OSPC ERROR REASON CODE					

End of Comment					
		.... ....		WSPRCCL	"X'00" NO ERROR CODE ASSOCIATED
		.... ...1		WSPRCJOB	"X'01" BAD JOB NAME/NUMBER/RSQ
		.... ..1.		WSPRCPSO	"X'02" INVALID USER OF PSO WITH GROUP ID SELECTION
		.... ..11		WSPRCRQ	"X'03" RSQ REQUIRED BUT IS MISSING
		.... .1..		WSPRCDAC	"X'04" JOB IS BEING DUMPED
		.... .1.1		WSPRCOUT	"X'05" NO OUTPUT
		.... .11.		WSPRCINV	"X'06" INVALID SEARCH ARGUMENT
		.... .111		WSPRCAWR	"X'07" AWRITE ERROR
		.... 1...		WSPRCDAT	"X'08" INVALID DATA
		1111 1111		WSPRCDMP	"X'FF" SEVERE ERROR - DUMP ALREADY GENERATED
1804	(70C)	BITSTRING	12	WSPFDBSV	SAVE FDB FOR PREVIOUS OSE 7#
1816	(718)	SIGNED	4	WSPSSCWA	Work area for IATOSSC
1820	(71C)	BITSTRING	14	WSPRSVS5	Reserved for IBM
1834	(72A)	BITSTRING	2	WSPCKJBC	Compatible checkpoint jobid

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

WSPRSV01 uses the same area occupied by WSPCRJOB in releases prior to HJS7705. Do not use this area until HJS7703 and all lower releases are out of service.					

End of Comment					
1836	(72C)	CHARACTER	2	WSPRSV01	' Reserved - do not use
1838	(72E)	BITSTRING	1	WSPFLG9	Flag byte 9
Comment					

DEFINITION OF WSPFLG9					

End of Comment					
		1... ..		WSPXJMR	"X'80" IATXJMR issued - field WSPSAVE contains the data set entry pointer
		.1.		WSPQCHG	"X'40" Dataset is moving from hold queue to writer queue
		..1.		WSPDFDST	"X'20" Destination restored to default
		...1		WSPSRCHP	"X'10" OSES000 should search for previous OSE buffer if not provided
		.... 1...		WSPNDOPT	"X'08" Writer output pending 0089
		.... .1..		WSPENF58	"X'04" ENF58 DeSelect done
		.... ..1.		WSP4BOSE	"X'02" PSO processor supports four-byte OSE seq num
		.... ...1		WSP4BOSD	"X'01" PSO DSP supports four-byte OSE sequence number
1839	(72F)	BITSTRING	1	WSPFLG7	FLAG BYTE 7
Comment					

DEFINITION OF WSPFLG7 (CLEARED UPON ENTRY TO IATOSPC)					

End of Comment					
		1... ..		WSPCDEST	"X'80" DEST CHANGED BY CLASS
		.1.		WSPUNSCH	"X'40" OSPC UNSCHEDULED AN OSE 0668
		..1.		WSPPBSKP	"X'20" A BUFFER WAS SKIPPED USING RCE/CSBT OR DELETED
		...1		WSPCLNUP	"X'10" CLEANUP OPTION SPECIFIED ON AN IATXPOSE CALL
		.... 1...		WSPFL708	"X'08" Reserved for IBM
Comment					

THIS LINE DELETED BY APAR OW32807					

End of Comment					
		.... .1..		WSPJOBPR	"X'04" JOB REPOSITION INDICATOR
		.... ..1.		WSPLTTCB	"X'02" Output moved from local to 05209SRC TCP destination with 05209SRA OUTPUT statement 05209SRA
		.... ...1		WSPLTNO	"X'01" Output moved from local to 05209SRC TCP destination with 05209SRA no OUTPUT statement 05209SRA
1840	(730)	SIGNED	4	WSPSECPT	POINTER TO GETMAINED AREA FOR USE BY IATXSEC

IATYWTR1 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1844	(734)	SIGNED	4	WSPSAVE	WORK SAVE AREA
1848	(738)	SIGNED	4	WSPPSCPT	PTR TO PSSC CONTROL BLOCK 0357 (The D.F.R. memorial PSSC 0049 pointer) 0049
1852	(73C)	SIGNED	2	WSPBUFNC	OSE buffer number compati- ble value - see WSPBUFN4
1854	(73E)	SIGNED	2	WSPOFFST	OSE OFFSET VALUE
1856	(740)	CHARACTER	1	WSPCCNTL	OSE CARRIAGE CONTROL VALUE
1857	(741)	BITSTRING	4	WSPFFDBV	OSE FDB VALIDITY VALUE 05209SRA
1861	(745)	BITSTRING	1	WSPFLG11	Flag byte 11 05209SRA

Comment

----- 05209SRA
 Definition of WSPFLG11 05209SRA

----- 05209SRA

End of Comment

		1... ..		WSPBLTCP	"X'80" TCP/NJE OSEs built via 05209SRA QBDOSE 05209SRA
		.1.. ..		WSPBLBDT	"X'40" SNA/NJE OSEs built via 05209SRA QBDOSE 05209SRA
		..1.		WSPINTCP	"X'20" QBDOSE should build TCP 05209SRA OSEs (if off, BDT OSEs) 05209SRA
		...1		WSPBHLDC	"X'10" Select BDT work in operator 06471SXC hold if cancel issued 06471SXA
		.... 1...		WSPF1108	"X'08" Reserved for IBM 05209SRA
		.... .1..		WSPF1104	"X'04" Reserved for IBM 05209SRA
		.... ..1.		WSPF1102	"X'02" Reserved for IBM 05209SRA
		.... ...1		WSPF1101	"X'01" Reserved for IBM 05209SRA 05209SRA
1862	(746)	BITSTRING	2	WSPRSVDV	Reserved for IBM 05209SRC
1864	(748)	CHARACTER	80	WSPTOKEN	SECURITY TOKEN 0318 INBOUND-CALLER'S UTOKEN OUTBOUND-RETURNED DATA SET'S RTOKEN
1944	(798)	CHARACTER	4	WSPID	WSP eyecatcher 0075
1948	(79C)	ADDRESS	4	WSPYOSPC	IATYOSPC address 0075
1952	(7A0)	ADDRESS	4	WSPTEJBI	Extended jobid 0075
1956	(7A4)	ADDRESS	4	WSPCKJBI	Checkpoint jobid 0075
1960	(7A8)	ADDRESS	4	WSPSTJI	Hot writer queue post 0075 jobid 0075
1964	(7AC)	SIGNED	4	WSPBUFN4	OSE buffer number, used with WSPOFFST

Comment

 WSPFDBT is used in conjunction with WSPFDBTB to hold the OSE FDB and previous sequence number (unlike most similar fields, these two are not consecutive).

End of Comment

1968	(7B0)	SIGNED	4	WSPFDBTB	Prev OSE sequence number
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Comment

 The following three fields map the parameter list used by the WRTCHAIN error recovery routine (IATXERCV) and must remain consecutive.

End of Comment

1972	(7B4)	BITSTRING	16	WSPRQFDB	Work FDB & sequence number
1988	(7C4)	CHARACTER	4	WSPPOSEID	ID for OSE
1992	(7C8)	SIGNED	2	WSPPOSEOF	Offset to 4-byte OSE field
1992	(7C8)	X'16'	0	WSPPERCVL	**-"WSPRQFDB" Length of IATXERCV workarea
1992	(7C8)	X'7B4'	0	WSPPERCVW	"WSPRQFDB,WSPPERCVL" Workarea for IATXERCV macro

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1994	(7CA)	BITSTRING	3	WSPRSVS4	Reserved for IBM
1997	(7CD)	BITSTRING	1	WSPFLG4	FLAG BYTE 4
Comment					
----- DEFINITION OF WSPFLG4 -----					
End of Comment					
		1...		WSPRCERR	"X'80" RECURSIVE ERROR OCCURRED
		.1.		WSPBHOLD	"X'40" INDICATES SELECTION OF HOLD 0505 TYPE (OSEWHOLD) BDT OSES 0505 FOR NJEROUT 0505
		..1.		WSPSAPRO	"X'20" STAGING AREA IS BEING PROCESSED
		...1		WSPCTRL1	"X'10" OSBPRECV IN CONTROL 0681
		.... 1...		WSPCTRL2	"X'08" OSDRSNAF IN CONTROL 0681
		.... .1..		WSPLTOS	"X'04" HOLD OSE CHANGED FROM LOCAL 0681 TO SNA/NJE DESTINATION 0681
		.... .1.		WSPURSTA	"X'02" WTD TO PURGE THE STAR
		.... ...1		WSPRQINV	"X'01" INVALID REQUEST
1998	(7CE)	BITSTRING	1	WSPFLG5	FLAG BYTE 5
Comment					
----- DEFINITION OF WSPFLG5 -----					
End of Comment					
		1...		WSPSAPEN	"X'80" STAGING AREA IS PENDING PROCESSING
		.1.		WSPCSBT	"X'40" RCE/CSBT STRUCTURE EXISTS
		..1.		WSPDSHLD	"X'20" ALL DATA SETS ARE HELD
		...1		WSPDSRST	"X'10" A DATA SET IS RESTARTABLE
		.... 1...		WSPBCMPL	"X'08" OSE BUFFER IS COMPLETE
		.... .1..		WSPMLREQ	"X'04" MULTIPLE DATA SET REQUEST
		.... .1.		WSPLTSNO	"X'02" OSE CHANGED FROM LOCAL TO 0105 SNA/NJE DESTINATION WHEN 0105 NO OUTPUT STATEMENTS USED 0105
		.... ...1		WSPSADUM	"X'01" DUMMY STAGING AREA FOR CLEANUP PURPOSES
1999	(7CF)	BITSTRING	1	WSPFLG6	FLAG BYTE 6
Comment					
----- DEFINITION OF WSPFLG6 (CLEARED UPON ENTRY TO IATOSPC) -----					
End of Comment					
		1...		WSPGTMND	"X'80" AGETMAIN FOR IATYSEC DONE
		.1.		WSPNOSAF	"X'40" IATXSEC SAF CALL NOT NEEDED
		..1.		WSPDSTSK	"X'20" DATA SET ENTRY IN OSE WAS SKIPPED-SECURITY REJECT
		...1		WSPPSOSC	"X'10" OSPCW000 RECEIVED CONTROL 0232 0232
		.... 1...		WSPSKJOB	"X'08" Skip this job
		.... .1..		WSPNJE	"X'04" WRITER CALL FOR SNA/NJE
		.... .1.		WSPGLOB1	"X'02" Global supports WSP ver 01 0075
		.... ...1		WSPUSRID	"X'01" PSO GET FOR USERID

IATYWTR1 Map

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

<p>WSPRTNIN IS USED BY A NUMBER OF OUTPUT SERVICE MODULES TO CONTAIN AN INDEX INTO A TABLE CONTAINING SUBROUTINES USED BY THOSE MODULES. THE EQUATED VALUES BELOW ARE THE INDEX THAT IS USED.</p>					

End of Comment					
2000	(7D0)	BITSTRING	1	WSPRTNIN	IATOSPC SUBROUTINE INDEX 0559
2000	(7D0)	X'0'	0	WSPOSERD	"0" OSE READ SUBROUTINE
2000	(7D0)	X'4'	0	WSPOSERL	"4" OSE ARELEASE SUBROUTINE
2000	(7D0)	X'8'	0	WSPPOSEWR	"8" OSE WRITE SUBROUTINE
2000	(7D0)	X'C'	0	WSPJOBCEM	"12" JOB COMPLETION SUBROUTINE
2000	(7D0)	X'10'	0	WSPWTRSC	"16" WRITER SCHEDULE SUBROUTINE
2000	(7D0)	X'14'	0	WSPRTN20	"20" Reserved for IBM 0075
2000	(7D0)	X'18'	0	WSPCLSRRT	"24" CLASS ROTATION SUBROUTINE
2001	(7D1)	BITSTRING	1	WSPPECF	ECF FOR PURGE
2004	(7D4)	ADDRESS	4	WSPRESQ	SAVE AREA FOR RESQ (OSPC)
2008	(7D8)	SIGNED	4	WSPOSA	ADDRESS OF IATODDR (OSA) 0681 USED FOR LOCAL TO SNA/NJE 0681
2012	(7DC)	SIGNED	4	WSPCDE	ADDRESS OF CDE (IATODDR) FOR0681 LOCAL TO SNA/NJE PROCESSING 0681
2016	(7E0)	SIGNED	4	WSPPENSA	PENDING STAGING AREA CHAIN
2020	(7E4)	SIGNED	4	WSPSTA	ADDR OF STAR FOR IATOSPC
2024	(7E8)	SIGNED	4	WSPSAVE2	2ND WORK SAVE AREA 0559
2028	(7EC)	SIGNED	4	WSPSAVE3	3RD WORK SAVE AREA 0559
2032	(7F0)	SIGNED	4	WSPSAVEA (9)	REGISTER SAVE AREA 0606
2068	(814)	CHARACTER	4	WSPUCSID	UCS ID 0439
2072	(818)	CHARACTER	4	WSPFCBID	FCB ID 0096
2076	(81C)	BITSTRING	8	WSPPSOTM	PSO CALL TIME (TOD) 0232
2084	(824)	ADDRESS	4	WSPCRJOB	Current job for PSO
2088	(828)	ADDRESS	2	WSPRVD9	Reserved for IBM 0075 0075
2090	(82A)	BITSTRING	1	WSPIDENT	Type of WSP 0075
2090	(82A)	X'1'	0	WSPIBDCI	"1" IATBDCI - BDT communications0075
2090	(82A)	X'2'	0	WSPIDJOT	"2" IATDJOT - Dump Job 0075
2090	(82A)	X'3'	0	WSPIDMJA	"3" IATDMJA - PSO unallocation 0075
2090	(82A)	X'4'	0	WSPIIQOS	"4" IATIQOS - Outserv Inquiry 0075
2090	(82A)	X'5'	0	WSPIMOCP	"5" IATMOCP - Modify cancel 0075
2090	(82A)	X'6'	0	WSPIMOOS	"6" IATMOOS - Outserv Modify 0075
2090	(82A)	X'7'	0	WSPINTNR	"7" IATNTNR - NJERDR 0075
2090	(82A)	X'8'	0	WSPINTRS	"8" IATNTRS - NJE Reroute 0075
2090	(82A)	X'9'	0	WSPIOSB1	"9" IATOSBM - BDT cancel 0075
2090	(82A)	X'A'	0	WSPIOSB2	"10" IATOSBM - JSAM error 0075
2090	(82A)	X'B'	0	WSPIOSB3	"11" IATOSBM - BDT job hold 0075
2090	(82A)	X'C'	0	WSPIOSD1	"12" IATOSDR - Output Service 0075 (Primary FCT) 0075
2090	(82A)	X'D'	0	WSPIOSD2	"13" IATOSDR - Output Service 0075 (Secondary FCT) 0075
2090	(82A)	X'E'	0	WSPIOSF1	"14" IATOSFD - FSS writer 0075 (primary WSP) 0075
2090	(82A)	X'F'	0	WSPIOSF2	"15" IATOSFD - FSS writer 0075 (secondary WSP) 0075
2090	(82A)	X'10'	0	WSPIOSSD	"16" IATOSSD - SAPI 0075
2090	(82A)	X'11'	0	WSPIOSSO	"17" IATOSSO - SAPI JSAM error 0075
2090	(82A)	X'12'	0	WSPIOSW1	"18" IATOSWD - JES3 writer 0075 (primary WSP) 0075
2090	(82A)	X'13'	0	WSPIOSW2	"19" IATOSWD - JES3 writer 0075 (secondary WSP) 0075
2090	(82A)	X'14'	0	WSPPIPURG	"20" IATPURG - Purge processing 0075
2090	(82A)	X'15'	0	WSPISIOP	"21" IATSIOP - Process SYSOUT 0075
2090	(82A)	X'16'	0	WSPIOSTC	"22" IATOSOR - TCP/IP job 07032SVA processing 07032SVA
2090	(82A)	X'17'	0	WSPIGR70	"23" IATGR70 - SJF driver
2090	(82A)	X'18'	0	WSPIOSR2	"24" IATOSOR2 - Output service 0075
2091	(82B)	BITSTRING	1	WSPVER	Version number

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... ...1		WSPVER01	"X'01" Version number 1
2091	(82B)	X'1'	0	WSPCVER	"WSPVER01" Current version
2092	(82C)	ADDRESS	4	WSPPSDRT	OSPCS100 return address 0075
2096	(830)	ADDRESS	4	WSPSAVE4	PSOSCHED return address 0075
2100	(834)	SIGNED	4	WSPSDWAD	Address of SAPI DSP Work Area
2104	(838)	SIGNED	4	WSPRSVD8 (2)	Reserved for IBM
2112	(840)	ADDRESS	4	WSPRQADR	Current RQ address
2116	(844)	SIGNED	4	WSPACONS	ADDR OF CALLING CONSOLE CNDB IN IATYWTR, WTRDCCDB
2120	(848)	SIGNED	4	WSPRSVU1 (2)	RESERVED FOR USER 0200

Comment

 End of version 0 PSO area.

End of Comment

2120	(848)	X'850'	0	WSPTEEND_V0	*** End of version 0 PSO area
2120	(848)	X'168'	0	WSPTESIZ_V0	"WSPTEEND_V0-WSPSTART" Size of version 0 PSO area
2128	(850)	SIGNED	4	WSPTESSO_V0 (0)	Address of SSOB for down level callers

Comment

 END OF WSP SECTION FOR PROCESS SYSOUT (PSO).
 THE WSP UP TO THE EQUATE FIELD WSPTESIZ IS PART OF
 A STAGING AREA USED FOR PROCESS SYSOUT INTERFACE.

End of Comment

2128	(850)	X'850'	0	WSPTEEND	*** End of version 1 PSO area
2128	(850)	X'168'	0	WSPTESIZ	"WSPTEEND-WSPSTART" Size of version 1 PSO area

Comment

The WSP field WSPTESSO indicates the beginning of the SSOB section for Process Sysout interface. In up-level versions of a PSO staging area, the SSOB can be found by adding WSPLEN to the base of the WSP. In down level versions, the SSOB is located at WSPTESSO_V0, not WSPTESSO.

End of Comment

2128	(850)	SIGNED	4	WSPTESSO (0)	ADDRESS OF SSOB FOR PSO
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Comment

 THE FOLLOWING WSP INFORMATION IS COMMON FOR EVERY
 JES3 WRITER. THIS INFORMATION IS NOT NEEDED FOR PSO.

End of Comment

2128	(850)	SIGNED	4	WSPRSVS3 (4)	RESERVED FOR SERVICE
2144	(860)	BITSTRING	8	WSPWSTME	WRITER START TIME (TOD) -- 0630 (I.E., WHEN IATOSWC WAS 0630 ENTERED FOR THIS WRITER) 0630
2152	(868)	SIGNED	4	WSPRSVU2 (5)	RESERVED FOR USER

IATYWTR1 Map

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

THE FOLLOWING TWO FIELDS ARE USED IN MODULE IATOSWS to save fields OSECHN and OSECNT4 across the call to the 'OSE shrinker' code in module IATOSOR (OSES000)					

End of Comment					
2172	(87C)	BITSTRING	12	WSPOCHN	SAVE AREA FOR CHAIN FDB
2184	(888)	SIGNED	4	WSPOCNT4	Save area for sequence num
2188	(88C)	CHARACTER	8	WSPTPID	Current APPC TPID, JSAB job id, or JSAB job name
2196	(894)	BITSTRING	6	WSSPOSWB	SPOOL ADDR FOR CURR OUTPUT D015 DESCR IF XTNDD KEYWORDS D015
2202	(89A)	SIGNED	2	WSPSWBID	OUTPUT GROUPING TOKEN
Comment					

The following flag is used as an additional scheduling criteria. The options in this flag are specified by the selecting device and not included in the master selection mask.					

End of Comment					
2204	(89C)	BITSTRING	1	WSPFLGS	SEPARATE SCHEDULING FLAG
Comment					

DEFINITION OF WSPFLGS					

End of Comment					
		1...		WSPEXTS	"X'80" SELECTING ON XTNDD KEYWORDS
		.1..		WSPSOTBN	"X'40" SELECT BY OUTBIN ID 0146
		..1.		WSPIP	"X'20" Select only IP destination
		...1		WSPBOTH	"X'10" Select both IP and non-IP
2205	(89D)	BITSTRING	3	WSPRSVD7	Reserved for IBM
2208	(8A0)	SIGNED	4	WSPPAGE	TOTAL PAGES PENDING JOB
2212	(8A4)	ADDRESS	4	WSPASUP	SUPUNITS ADDRESS
2216	(8A8)	ADDRESS	4	WSPARQ	ADDRESS OF RESQUEUE ENTRY
2220	(8AC)	BITSTRING	0	WSPFDBS (0)	Scheduled OSE FDB & seq num
2220	(8AC)	BITSTRING	12	WSPFDB	WOSE FDB
2232	(8B8)	SIGNED	4	WSSPOSEB4	Scheduled OSE sequence num
2236	(8BC)	ADDRESS	4	WSSPOSE	ADDRESS OF MOSE
2240	(8C0)	ADDRESS	4	WSSPOSS	ADDRESS OF OSS ENTRY
2244	(8C4)	SIGNED	4	WSPNJERC	BSC/NJE PENDING RECORD CNT 0126
2248	(8C8)	SIGNED	4	WSPOUTBN	OUTBIN ID (in writer WSP)
2248	(8C8)	ADDRESS	4	WSPHWWSP	Address of hot writer WSP (in OUTSERV WSP)
2252	(8CC)	SIGNED	4	WSPRSVD2 (2)	RESERVED FOR DEVELOPMENT 0146
2260	(8D4)	BITSTRING	16	WSPSELD	SEL MASK OF DS SELECTED
2276	(8E4)	BITSTRING	16	WSPSELT	TEMP SEL MASK
2292	(8F4)	BITSTRING	16	WSPSELM	MASTER SELECTION MASK
Comment					

DEFINITION OF WSPSELM VALUES					

End of Comment					
2292	(8F4)	X'0'	0	WSPNULL	"00" IGNORE THIS ENTRY

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
2292	(8F4)	X'4'	0	WSPPRTY	"04" CHECK PRIORITY OF ENTRY
2292	(8F4)	X'8'	0	WSPDEST	"08" CHECK DESTINATION OF ENTRY
2292	(8F4)	X'C'	0	WSPTYPE	"12" CHECK DEST. TYPE OF ENTRY
2292	(8F4)	X'10'	0	WSPFORM	"16" CHECK FORMS SETUP OF ENTRY
2292	(8F4)	X'14'	0	WSPCARR	"20" CHECK FCB/TAPE SETUP
2292	(8F4)	X'18'	0	WSPUCS	"24" CHECK TRAIN SETUP OF ENTRY
2292	(8F4)	X'1C'	0	WSPLINE	"28" CHECK LINE, PAGE, AND RECORD LIMITS OF PRINTER
2292	(8F4)	X'20'	0	WSPCLAS	"32" CHECK CLASS OF ENTRY
2292	(8F4)	X'24'	0	WSPFLASH	"36" CHECK FORMS FLASH SETUP
2292	(8F4)	X'28'	0	WSPCPMOD	"40" CHECK COPY MODIFICATION
2292	(8F4)	X'2C'	0	WSPSTACK	"44" CHECK STACKER SETUP
2292	(8F4)	X'30'	0	WSPPMODE	"48" CHECK PROCESS MODE OF PRINTER
2292	(8F4)	X'30'	0	WSPSELMX	"WSPPMODE" MAXIMUM VALUE FOR WSPSELM
2308	(904)	SIGNED	2	WSPSELC	LOGICAL LENGTH OF WSPSELM
2310	(906)	BITSTRING	1	WSPPTYSV	HIGHEST PRIORITY FOUND
2311	(907)	BITSTRING	1	WSPRSVFX	RESERVED FOR SERVICE
2312	(908)	SIGNED	2	WSPOFST	OFFSET TO OSEENTRY
2314	(90A)	BITSTRING	1	WSPFLG2	FLAG BYTE 2

Comment

 DEFINITION OF WSPFLG2

End of Comment

		1... ..		WSPDSPTY	"X'80" DS PRTY CHECKING REQ.
		.1.. ..		WSPDFLNE	"X'40" LINE LIMIT CHECKING REQ.
		..1.		WSPPTYPF	"X'20" PERFECT PRIORITY FIT
		...1		WSPRQRQD	"X'10" RQTAPUT NOT ALLOWED
		.... 1...		WSPGETRL	"X'08" RELEASE PENDING OSES
		.... .1..		WSPRSTG	"X'04" RESTART DATASET GROUP SAME AS *R ,J EXCEPT AFFECTS ONLY D/S SCHD FOR *R DEV
		.... ..1.		WSPRSTD	"X'02" REQUEUE OSE FOR DATA SET RESTART
		.... ...1		WSPPGREL	"X'01" PIPELINE TYPE GET/RELEASE (SCHEDULED OSE'S NOT AFFECTED)
2315	(90B)	BITSTRING	1	WSPFLG3	FLAG BYTE 3

Comment

 DEFINITION OF WSPFLG3

End of Comment

		1... ..		WSPDM206	"X'80" DM206 failure in progress
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Comment

THIS LINE DELETED BY APAR OZ91802

End of Comment

		.1..		WSPWOSW	"X'40" WOSE write requested
		..1.		WSPWOSP	"X'20" WOSE PURGE REQUESTED
		...1		WSPSWTR	"X'10" START SELECTED SUPUNITS
		.... 1...		WSPRQWS	"X'08" SELECTIVE RESQ WRITER START 0229
		.... .1..		WSPHWLK	"X'04" HOT WRITER IS BEING CHECKED 0370 BY AN OUTSERV FCT HANDLING0370 IATXOSSC TYPE=GET CALL 0370
		.... ..1.		WSPOSPND	"X'02" DISK OSES HAVE BEEN MARKED 0436 PENDING DURING THIS 0436 IATXOSWS TYPE=SCHEDULE 0436 CALL 0436
		.... ...1		WSPWTSCH	"X'01" This writer had to wait before getting OSE lock in IATOSWS schedule rtn

IATYWTR1 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
2316	(90C)	BITSTRING	2	WSPFRSDD	FLAGS - RESERVED FOR DEV.
2318	(90E)	BITSTRING	1	WSPFLG10	FLAG BYTE 10
Comment					
----- DEFINITION OF WSPFLG10 -----					
End of Comment					
		1...		WSPDUMPT	"X'80" DUMP WAS REQUESTED
		.1.		WSP206IS	"X'40" DM206 PREVIOUSLY ISSUED
		..1.		WSPGJNAM	"X'20" Grouping is by JSAB job name (WSPTPID contains a job name from a JSAB). If this bit is off, grouping is by APPC TPID or JSAB job id.
		...1		WSP10R10	"X'10" RESERVED FOR IBM
		.... 1...		WSP10R08	"X'08" RESERVED FOR IBM
		.... .1.		WSP10R04	"X'04" RESERVED FOR IBM
		.... ..1.		WSP10R02	"X'02" RESERVED FOR IBM
		.... ...1		WSP10R01	"X'01" RESERVED FOR IBM
2319	(90F)	SIGNED	1	WSPCLSN	NUMBER OF CLASSES
2320	(910)	CHARACTER	36	WSPCLSS	SYSOUT CLASSES TO SELECT
2356	(934)	SIGNED	4	WSPEND (0)	END OF PARM LIST
2356	(934)	BITSTRING	1	WSPSIZE (0)	L' TOTAL SIZE OF WSP
Comment					
EIGHT LINE DELETED BY APAR OZ78951					
----- FULL WORD SCRATCH AREAS -----					
End of Comment					
2356	(934)	SIGNED	4	(0)	INSURE WORD ALIGNMENT
2356	(934)	BITSTRING	32	WTRIFDBI	FDB FOR CURRENT DATASET WHEN MVT/TSO WRITER, OR FIRST M.R ONLY FOR OTHER WRITERS
2388	(954)	BITSTRING	16	WTRIPTRA	OPEN/POINT/NOTE PARM LIST
2388	(954)	BITSTRING	6	WTRIPTK1	FIRST SPOOL M.R FOR DATASET
2394	(95A)	BITSTRING	6	WTRIPTK2	M.R SPOOL ADDRESS FOR POINT
2400	(960)	BITSTRING	2	WTRIPOFF	OFFSET TO RECORD FOR POINT
2402	(962)	BITSTRING	2	WTRINON	UNUSED, SHOULD BE ZERO
2388	(954)	BITSTRING	24	WTRFPURC	PURCHAIN WORK AREA
2412	(96C)	BITSTRING	80	WTRICTKN	CTOKEN
2492	(9BC)	CHARACTER	18	WTRIRSTX	Reason text field
2512	(9D0)	ADDRESS	4	WTROSEAR	OSE address
2516	(9D4)	SIGNED	4	WTRIRSV1 (4)	Reserved for development
2532	(9E4)	SIGNED	4	WTRINPRO	RUN OUT INTERVAL FOR WRITER
2536	(9E8)	SIGNED	2	WTRICKIV	CHECKPOINT INTERVAL
2538	(9EA)	SIGNED	2	WTRIRSDV	RESERVED FOR DEVELOPMENT
2540	(9EC)	ADDRESS	4	WTRFJNWS	JESNEWS ADDR FOR FSS WTR
2544	(9F0)	SIGNED	4	WTRIPFOR	NUMBER OF PAGES TO MAP (3800 ONLY)
2548	(9F4)	BITSTRING	24	WTRINOT1	NOTE 1
2572	(A0C)	BITSTRING	24	WTRINOT2	NOTE 2
2596	(A24)	ADDRESS	4	WTRINOTS	POINTER TO NEXT NOTE AREA
2600	(A28)	BITSTRING	24	WTRICKPT	SAVE AREA FOR THE CHECKPOINT.
2624	(A40)	ADDRESS	4	WTRIRQAD	SAVE AREA FOR CALLED WTR RQ ADDRESS OR 0 FOR DYNAMIC WTR
2628	(A44)	ADDRESS	4	WTRIJDSP	JDS POINTER FOR DATA SET IN PROGRESS AT THE CHANNEL
2632	(A48)	SIGNED	4	WTRIPARM	FREE/HOLD PARM
2636	(A4C)	BITSTRING	16	WTRIDBPM (0)	LENGTH/ADDRESS OF I/P RECORD
2636	(A4C)	SIGNED	4	WTRILEN1	SPLIT RECORD LENGTH ONE
2640	(A50)	SIGNED	4	WTRIADR1	SPLIT RECORD ADDRESS ONE
2644	(A54)	SIGNED	4	WTRILEN2	SPLIT RECORD LENGTH TWO
2648	(A58)	SIGNED	4	WTRIADR2	SPLIT RECORD ADDRESS TWO

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
2652	(A5C)	SIGNED	4	WTRIRCD5	SAVE AREA FOR JOB AND DATA SET RECORD COUNT
2656	(A60)	SIGNED	4	WTRIPAGS	SAVE AREA FOR JOB AND DATA SET PAGE COUNT
2660	(A64)	SIGNED	4	WTRIRPOS	REPOSITION COUNT
2664	(A68)	SIGNED	4	WTRILNCT	CHECKPOINT RECORD COUNTER
2668	(A6C)	SIGNED	4	WTRISLEN	CMD SCAN SAVE AREA (OSMP)
2672	(A70)	SIGNED	4	WTRDECFL (5)	WAIT FOR WORK ECF LIST
2672	(A70)	SIGNED	4	WTRDECF1	FIRST ECF ADDRESS
2676	(A74)	BITSTRING	1	(3)	MUST BE ZERO
2679	(A77)	BITSTRING	1	WTRDM5K1	FIRST ECF MASK
2680	(A78)	SIGNED	4	WTRDECF2	SECOND ECF ADDRESS
2684	(A7C)	BITSTRING	1	(3)	MUST BE ZERO
2687	(A7F)	BITSTRING	1	WTRDM5K2	SECOND ECF MASK
2688	(A80)	BITSTRING	4	WTRDECFE	ECF LIST TERMINATOR
2672	(A70)	SIGNED	4	WTRPSM14	SAVE RETURN FOR SMF6
2676	(A74)	SIGNED	4	WTRPRD14	SAVE RETURN FOR WO5E READ
2680	(A78)	SIGNED	4	WTRPWT14	SAVE RETURN FOR WO5E WRITE
2684	(A7C)	SIGNED	4	WTRPRL14	SAVE RETURN FOR WO5E RELEASE
2688	(A80)	SIGNED	4	WTRPSV14	SAVE RETURN-COMPLETE,RESCHED
2692	(A84)	SIGNED	4	(3)	REVD FOR OSWP RETURN SAVE
2704	(A90)	SIGNED	4	WTRPREG2	REG 2 SAVE AREA (OSWP)
2708	(A94)	SIGNED	4	WTRPSAV1	REGISTER SAVE AREA (OSWP) 0357
2712	(A98)	SIGNED	4	WTRPSAV2	REGISTER SAVE AREA (OSWP) 0357
2716	(A9C)	SIGNED	4	WTRPSAV3	REGISTER SAVE AREA (OSWP) 0357
2720	(AA0)	SIGNED	4	WTRPSAV4	REGISTER SAVE AREA (OSWP) 0357
2724	(AA4)	BITSTRING	1	WTRPWTRC	LOCAL RETURN CODE (OSWP)

Comment

SEVEN LINES DELETED BY APAR OZ73227

 HALF WORD SCRATCH AREAS

End of Comment

2726	(AA6)	SIGNED	2	WTRINLCN	LINE COUNT BETWEEN NOTES
2728	(AA8)	SIGNED	2	WTRINTCN	NUMBER OF NOTES TO BE TAKEN BETWEEN CHECKPOINTS
2730	(AAA)	SIGNED	2	WTRICPYT	COPIES TRANSMITTED

Comment

NEXT FIELD IS MEANINGFUL FOR 3800 ONLY

End of Comment

2732	(AAC)	SIGNED	2	WTRILPOS	FCB LINE POSITION AT START
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Comment

 WTRIO5E DEFINES A PARAMETER O5E USED TO IDENTIFY SETUP REQUIREMENTS TO IATOSPS.

End of Comment

2736	(AB0)	SIGNED	4	(0)	INSURE FULLWORD ALIGNMENT
2736	(AB0)	BITSTRING	96	WTRIO5E	0483
2832	(B10)	BITSTRING	256		0483
3088	(C10)	BITSTRING	1		0483
3088	(C10)	X'240'	0	WTRIO5SZ	"L'O5EFSIZE+L'O5EVSIZ5+L'O5EDSIZ5"

IATYWTR1 Map

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

BYTE ALIGNMENT					

End of Comment					
3312	(CF0)	BITSTRING	1	WTRIREST	RESET MASK FOR DS/OSE UPDATE
3313	(CF1)	BITSTRING	1	WTRISSET	SET MASK FOR DS/OSE UPDATE
3314	(CF2)	BITSTRING	1	WTRIHYP	HOLD TYPE FOR DATA SET
3315	(CF3)	BITSTRING	1	WTRIHRSN	HOLD REASON FOR DATA SET
3316	(CF4)	BITSTRING	2	WTRRSVDB	RESERVED FOR DEVELOPMENT
Comment					

FDB FOR DATASET OUTPUT INFORMATION BLOCK (DOI), CREATED FOR APPC TRANASACTION PROGRAMS.					

End of Comment					
3318	(CF6)	BITSTRING	34	WTRIDOFD	DOI MRF FDB
3352	(D18)	SIGNED	4	WTRIFFDB (0)	FULL WORD BOUNDARY 2843
3352	(D18)	BITSTRING	1	WTRIFDBS	FDB
3352	(D18)	X'D18'	0	WTRIWRKM	"WTRIFDBS,17" WORK AREA FOR ROUTE CODE MASK
3352	(D18)	X'D18'	0	WTRIWRK	"WTRIFDBS,16" WORK AREA FOR OUTPUT SERVICE COMMAND WITH OPTION ',P'
3380	(D34)	CHARACTER	10	WTRIWORK	WORK AREA, REDEFINED 2843
3390	(D3E)	CHARACTER	1	WTRINAV	NAV OPTION
3391	(D3F)	ADDRESS	1	WTRICOPY	CURRENT COPY NUMBER(IF 3800, CURRENT STARTING COPY NUM)
3392	(D40)	ADDRESS	1	WTRICPYS	TOTAL COPIES (IF 3800, SUM OF COPY GROUPS)
3393	(D41)	ADDRESS	1	WTRIFLCN	FLASH COUNT
3394	(D42)	BITSTRING	8	WTRICPYE	COPY GROUP VALUES
3402	(D4A)	BITSTRING	3	WTRICNTR (0)	3800 COPY LOAD PARM LIST
3402	(D4A)	ADDRESS	1	WTRICPYN	STARTING COPY NUMBER
3403	(D4B)	ADDRESS	1	WTRICPYC	NUMBER OF COPIES TO PRINT
3404	(D4C)	ADDRESS	1	WTRICFLC	NUMBER OF COPIES TO FLASH
3405	(D4D)	BITSTRING	8	WTRISELP	COMMAND SELECTION PARAMETER
3413	(D55)	ADDRESS	1	WTRICNTP	COMMAND CLASS COUNT
3414	(D56)	CHARACTER	36	WTRICLSP	COMMAND CLASSES
Comment					

FLAG BYTES					

End of Comment					
3450	(D7A)	BITSTRING	8	WTRIMFLS (0)	INPUT MESSAGE FLAGS
3450	(D7A)	BITSTRING	2	WTRIMFLA (0)	NON KEYWORD PARAMS
3450	(D7A)	BITSTRING	1	WTRIMFL1	FLAG BYTE
Comment					

DEFINITION OF WTRIMFL1					

End of Comment					
		1...		WTRIA	"X'80" AUTO OPTION
		.1.		WTRIC	"X'40" CHECKPOINT OPTION
		..1.		WTRID	"X'20" DIAGNOSTIC OPTION

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		...1		WTRIG	"X'10" GROUP OPTION
		.... 1...		WTRIJ	"X'08" JOB OPTION
		.... .1..		WTRIL	"X'04" LOAD OPTION
		.... ..1.		WTRIM	"X'02" MANUAL OPTION
		.... ...1		WTRIN	"X'01" NOTE OPTION
3450	(D7A)	X'5D'	0	WTRIMPM1	"FF-WTRIA-WTRID-WTRIM" NO FSS SYNCH REQ. OPTIONS
3451	(D7B)	BITSTRING	1	WTRIMFL2	FLAG BYTE
Comment					
----- DEFINITION OF WTRIMFL2 -----					
End of Comment					
		1...		WTRIP	"X'80" PENDING RECS. OPTION
		.1..		WTRIR	"X'40" RELEASE OPTION
		..1.		WTRIS	"X'20" SINGLE OPTION
		...1		WTRIT	"X'10" TERMINATE OPTION
		.... 1...		WTRIHLD	"X'08" HOLD OPTION
		.... .1..		WTRIRCD	"X'04" RESCHEDULE OPTION
		.... ..1.		WTRIM202	"X'02" RESERVED
		.... ...1		WTRIM201	"X'01" RESERVED
3451	(D7B)	X'7F'	0	WTRIMPM2	"FF-WTRIP" NO FSS SYNCH REQUIRED OPTION
3452	(D7C)	BITSTRING	3	WTRIMFLB (0)	FLAGS FOR PARAMS. W/EQUALS
3452	(D7C)	BITSTRING	1	WTRIMFL3	FLAG BYTE
Comment					
----- DEFINITION OF WTRIMFL3 -----					
End of Comment					
		1...		WTRIBEQ	"X'80" BURST OPTION (BURST=Y/N)
		.1..		WTRICBEQ	"X'40" CLEAR BUFFER OPTION (CB=)
		..1.		WTRICHEQ	"X'20" CHARS OPTION
		...1		WTRICMEQ	"X'10" COPYMOD OPTION (MODIFY=)
		.... 1...		WTRICPEQ	"X'08" COPIES OPTION
		.... .1..		WTRICTEQ	"X'04" CARRIAGE TAPE OPTION (FCB)
		.... ..1.		WTRIDEQ	"X'02" DEST OPTION
		.... ...1		WTRIFEQ	"X'01" FORMS OPTION
3452	(D7C)	X'FF'	0	WTRIMPM3	"FF" NO FSS SYNCH REQUIRED OPTIONS
3453	(D7D)	BITSTRING	1	WTRIMFL4	FLAG BYTE
Comment					
----- DEFINITION OF WTRIMFL4 -----					
End of Comment					
		1...		WTRIFLEQ	"X'80" FLASH OPTION
		.1..		WTRIHEQ	"X'40" HEADER OPTION
		..1.		WTRIJEQ	"X'20" JOB EQUALS OPTION
		...1		WTRILEQ	"X'10" LINE LIMIT OPTION
		.... 1...		WTRINVEQ	"X'08" NAVAIL OPTION
		.... .1..		WTRIOTEQ	"X'04" OUT OPTION
		.... ..1.		WTRIREQ	"X'02" REPOSITION OPTION
		.... ...1		WTRISTEQ	"X'01" STACKER OPTION
3453	(D7D)	X'FF'	0	WTRIMPM4	"FF" NO FSS SYNCH REQUIRED OPTIONS
3454	(D7E)	BITSTRING	1	WTRIMFL5	

IATYWTR1 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- DEFINITION OF WTRIMFL5 -----					
End of Comment					
		1... ..		WTRISZ EQ	"X'80" SIZE OPTION
		.1.. ..		WTRIWCEQ	"X'40" WC OPTION
		..1.		WTRIWSEQ	"X'20" WS OPTION
		...1		WTRIU EQ	"X'10" UCS OPTION
		.... 1...		WTRIPMEQ	"X'08" PROCESSING MODE OPTION
		.... .1..		WTRIROEQ	"X'04" RUN OUT INTERVAL OPTION
		.... ..1.		WTRIPGEQ	"X'02" PAGE LIMIT OPTION #103
		.... ...1		WTRICKEQ	"X'01" CHECKPOINT INTERVAL OPTION
3454	(D7E)	X'FB'	0	WTRIMPM5	"FF-WTRIROEQ" NO FSS SYNCH REQUIRED OPTIONS
3455	(D7F)	BITSTRING	1	WTRIMFL6	
----- DEFINITION OF WTRIMFL6 -----					
End of Comment					
		1... ..		WTRIWSP	"X'80" WS = P FOUND
		.1.. ..		WTRIWSD	"X'40" WS = D FOUND
		..1.		WTRIWST	"X'20" WS = T FOUND
		...1		WTRIW SF	"X'10" WS = F FOUND
		.... 1...		WTRIW SC	"X'08" WS = C FOUND
		.... .1..		WTRIW SU	"X'04" WS = U FOUND
		.... ..1.		WTRIW SL	"X'02" WS = L FOUND
		.... ...1		WTRIW SCL	"X'01" WS = CL FOUND
3455	(D7F)	X'FF'	0	WTRIMPM6	"FF" NO FSS SYNCH REQUIRED OPTIONS
3456	(D80)	BITSTRING	1	WTRIMFL7	
----- DEFINITION OF WTRIMFL7 -----					
End of Comment					
		1... ..		WTRIW SFL	"X'80" WS = FL FOUND
		.1.. ..		WTRIW SCM	"X'40" WS = CM FOUND
		..1.		WTRIW SST	"X'20" WS = ST FOUND
		...1		WTRIW SPM	"X'10" WS = PM FOUND
		.... 1...		WTRICEQ	"X'08" COPYMARK OPTION
		.... .1..		WTRIM704	"X'04" RESERVED
		.... ..1.		WTRIM702	"X'02" RESERVED
		.... ...1		WTRIM701	"X'01" RESERVED
3456	(D80)	X'FF'	0	WTRIMPM7	"FF" NO FSS SYNCH REQUIRED OPTIONS
3457	(D81)	BITSTRING	1	WTRIMFL8	RESERVED
3457	(D81)	X'FF'	0	WTRIMPM8	"FF" NO FSS SYNCH REQUIRED OPTIONS
----- DEFINITION OF WTRIMFL8 -----					
End of Comment					
BEGINNING OF AREA DUMPED IN MESSAGE IAT7060 BY SPECIFYING THE D PARAMETER ON A X, S, R OR C COMMAND.					
3458	(D82)	BITSTRING	1	WTRIMFLP	FLAG BYTE

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- DEFINITION OF WTRIMFLP -----					
End of Comment					
		1...		WTRISTR	"X'80" COMMAND IS START
		.1..		WTRIRSTR	"X'40" COMMAND IS RESTART
		..1.		WTRICNCL	"X'20" COMMAND IS CANCEL
		...1		WTRICALL	"X'10" COMMAND IS CALL
		.... 1..		WTRISYND	"X'08" WTR SYNC HAS BEEN DONE
		.... .1..		WTRIJOB	"X'04" JOB SELECTED
		.... ..1.		WTRIDSS	"X'02" DATA SET SELECTED
		.... ...1		WTRIMNT	"X'01" MOUNT CONDITION
3459	(D83)	BITSTRING	1	WTRIFLG1	SAVE AREA FOR OSEDFLG1
3460	(D84)	BITSTRING	1	WTRIFLG2	FLAGS
----- DEFINITION OF WTRIFLG2 -----					
End of Comment					
		1...		WTRIOS	"X'80" WTR WILL SELECT NEW OSE
		.1..		WTRISTUP	"X'40" COMMAND IMPLEMENTATION IN #096 SETUP PROCESSING. #096
		..1.		WTRINNPR	"X'20" NO NPRO VALUE SPECIFIED 3013
		...1		WTRIREOF	"X'10" EOF ON REPOSITIONING FWD
		.... 1..		WTRISTER	"X'08" SYNTAX ERROR DETECTED
		.... .1..		WTRIERIN	"X'04" PARAMETER ERROR DETECTED
		.... ..1.		WTRINEGV	"X'02" NOT ATTRIBUTE
		.... ...1		WTRIPFOK	"X'01" WTRIPFOR HAS A VALID VALUE
3461	(D85)	BITSTRING	1	WTRIFLG3	FLAG BYTE
----- DEFINITION OF WTRIFLG3 -----					
End of Comment					
		1...		WTRIDSBG	"X'80" DATA STARTED
		.1..		WTRIDSDN	"X'40" DATA COMPLETED
		..1.		WTRIPAGE	"X'20" REPOSITION BY PAGES
		...1		WTRIDSLD	"X'10" DATA SET LABEL EXIT CALLED
		.... 1..		WTRITRNC	"X'08" SHORT OUTPUT REQUIRED
		.... .1..		WTRIRSCD	"X'04" JOB RESCHEDULE REQUIRED
		.... ..1.		WTRIRJPE	"X'02" TERMINATE BY RJP CANCEL
		.... ...1		WTRIKPJS	"X'01" KEEP JOB START PPQ/PDQ
3462	(D86)	BITSTRING	1	WTRIFLG4	FLAG BYTE
----- DEFINITION OF WTRIFLG4 -----					
End of Comment					
		1...		WTRIENT	"X'80" TERMINATION FLAG
		.1..		WTRIHOT	"X'40" HOT WRITER FLAG
		..1.		WTRIRSCH	"X'20" JOB RESCHEDULE REQUIRED
		...1		WTRIDLE	"X'10" HOT WRITER GOING IDLE

IATYWTR1 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... 1...		WTRICHNG	"X'08" OSE RESCHEDULE REQUIRED
		.... .1..		WTRINDSR	"X'04" DATA SET RESCHEDULE REQUIRED
		.... ..1.		WTRICPPL	"X'02" PLUS COPIES OPTION
		.... ...1		WTRICPMI	"X'01" MINUS COPIES OPTION
3463	(D87)	BITSTRING	1	WTRIFLG5	FLAG BYTE
----- Comment -----					
----- DEFINITION OF WTRIFLG5 -----					
----- End of Comment -----					
		1...		WTRISREQ	"X'80" SETUP REQUIRED
		.1..		WTRIJOB	"X'40" JOB SELECTED FLAG
		..1.		WTRIDS	"X'20" DATASET SELECTED FLAG
		...1		WTRIMANM	"X'10" DYNAMIC MANUAL MODE
		.... 1...		WTRINONE	"X'08" OPEN LABEL=NONE REQUIRED
		.... .1..		WTRIDSOP	"X'04" DATA SET HAS BEEN OPENED
		.... ..1.		WTRIWMSG	"X'02" WAIT MSG QUEUED
		.... ...1		WTRIVLOR	"X'01" VOL LABEL OPEN REQUIRED
3464	(D88)	BITSTRING	1	WTRIFLG6	FLAG BYTE
----- Comment -----					
----- DEFINITION OF WTRIFLG6 -----					
----- End of Comment -----					
		1...		WTRIJDSH	"X'80" JDS HELD - RELEASE REQUIRED WHEN SETTING THIS BIT, 0712 ALSO STORE THE OWNING RSQ 0712 ADDRESS IN FIELD WTRWPRSQ 0712
		.1..		WTRIKDSI	"X'40" KEEP DSISO DS, DO NOT PURGE
		..1.		WTRIPRAG	"X'20" AGETMAIN ISSUED FOR PRMODE OPTION PARM BUFFER
		...1		WTRICCWB	"X'10" CCW BUILT FOR IATXOSP
		.... 1...		WTRIPAGF	"X'08" PAGE FOR IATODPX IS FIXED
		.... .1..		WTRIOSL	"X'04" IATOSXX HAS BEEN LOADED
		.... ..1.		WTRIINL	"X'02" INPUT MOD HAS BEEN LOADED
		.... ...1		WTRI7072	"X'01" REQUEST MSG IAT7072 ISSUED
----- Comment -----					
----- DEFINITION OF WTRIFLG8 -----					
----- End of Comment -----					
3465	(D89)	BITSTRING	1	WTRIFLG8	Flag byte 8
		1...		WTRIOENS	"X'80" Open with LABEL=SETUP issued in IATOSWD
		.1..		WTRIOSEN	"X'40" WTRIOSE has been changed during RELDS incomplete.
3466	(D8A)	BITSTRING	1	WTRINDX	RETURN INDEX FOR INPUT MSG
----- Comment -----					
----- DEFINITION OF WTRINDX -----					
----- End of Comment -----					
3466	(D8A)	X'0'	0	WTRISJ	"0" JOB SELECT
3466	(D8A)	X'4'	0	WTRISU	"WTRISJ+4" DEVICE SETUP
3466	(D8A)	X'8'	0	WTRIVO	"WTRISU+4" VOLUME OPEN

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
3466	(D8A)	X'C'	0	WTRIRM	"WTRIVO+4" READY MESSAGE
3466	(D8A)	X'10'	0	WTRIDSO	"WTRIRM+4" DATA SET OPEN
3466	(D8A)	X'14'	0	WTRIDSR	"WTRIDSO+4" DATA SET REPOSITIONING
3466	(D8A)	X'18'	0	WTRIDL	"WTRIDSR+4" DEBLOCK LOOP
3466	(D8A)	X'1C'	0	WTRIEP	"WTRIDL+4" EOD PUT
3466	(D8A)	X'20'	0	WTRIPT	"WTRIEP+4" PUT TRUNCATE
3466	(D8A)	X'24'	0	WTRIPO	"WTRIPT+4" PUT OUTPUT
3466	(D8A)	X'28'	0	WTRIDSD	"WTRIPO+4" DATA SET DONE
3466	(D8A)	X'2C'	0	WTRIDSC	"WTRIDSD+4" DATA SET COMPLETE
3466	(D8A)	X'30'	0	WTRIGNO	"WTRIDSC+4" GET NEXT OSE
3466	(D8A)	X'34'	0	WTRITLC	"WTRIGNO+4" TRAILER LABEL CLOSE

Comment

END OF AREA DUMPED BY SPECIFYING D ON THE X, S, R
OR C COMMAND FOR NON-FSS MODE WRITERS. FOR WRITERS IN
FSS MODE SEE WTRFFLG1.

End of Comment

3467	(D8B)	BITSTRING	1	WTRIFLG7	FLAG BYTE
------	-------	-----------	---	----------	-----------

Comment

DEFINITION OF WTRIFLG7

End of Comment

		1... ..		WTRISMFT	"X'80" DO NOT CLEAR SMF6WST (WTR START TIME)
		.1.		WTRISMFL	"X'40" RESET SMF6 LINE AND PAGE COUNTS BECAUSE DATA SET END PPQ WAS RESCHEDULED
		..1.		WTRFBUSY	"X'20" FSS DRIVER (OSFD) HAS GIVEN CONTROL TO THE COMMAND PROCESSOR
3468	(D8C)	BITSTRING	1	WTRIRSFL	RESERVED FOR FLAG
3472	(D90)	SIGNED	4	WTRWPRSQ	Pointer to JDS-owning RQ
3476	(D94)	ADDRESS	4	WTRIJMRD	If non-zero, pointer to the OSE data set section used for IATXJMR
3480	(D98)	ADDRESS	4	WTRIJMRQ	Pointer to the JMR-owning RQ
3484	(D9C)	SIGNED	4	WTRIRSV2 (2)	Reserved for development
3492	(DA4)	CHARACTER	8	WTRLOGNM	Job name for login message of restored PPQ entry
3500	(DAC)	CHARACTER	8	WTRLOGID	Job id for login message of restored PPQ entry
3508	(DB4)	SIGNED	4	WTRIREPO	REPOSITION COUNT FROM CKPNT
3512	(DB8)	SIGNED	4	WTRIRSV4	RESERVED FOR USER

Comment

THE FOLLOWING WSP ADDRESS IS USED IN MODULE IATOSWP FOR
IATXOSWS REQUESTS TO INSURE THE VALIDITY OF THE WRITER
DRIVER WSP FOR NON CHANNEL ORIENTED OUTPUT DEVICES.
(I.E. 3800)

End of Comment

3516	(DBC)	ADDRESS	4	WTRWSPAA	POINT TO WSP IN SECOND PAGE -- OF YWTR EXPANSION
3520	(DC0)	BITSTRING	1	WTRISYSE (0)	END OF AREA ZEROED DURING IATOSWD INITIALIZATION
3520	(DC0)	BITSTRING	1	WTRIZLEN (0)	L' IS SIZE TO ZERO
0	(0)	X'4'	0	WTRDQRTN	"4" CONS SERVICES QUEUE RETURN
0	(0)	X'8'	0	WTRDRRTN	"8" CONS SERVICES REJECT RETURN
3612	(E1C)	BITSTRING	16	WTRDRSVD	RESERVED FOR DEVELOPMENT

IATYWTR1 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
End of Comment					
		IFASMFR 6			
		THIS LINE DELETED BY APAR OZ84504			
		%IFABGN1 ;			
		METHOD OF ACCESS			
		PL/S - USER DEFINES MACRO VARIABLE IFARXX WHERE XX=RECORD NUM			
		DECLARE SMFXXPTR PTR(31) OR RESPECIFY FOR BASE			
		INCLUDE MACRO FROM LIBRARY			
		EXAMPLE %IFAR08 = 'YES', NOTE. THE COMMA REP-			
		DCL SMF08PTR PTR(31), RESENTS A SEMI-COLON			
		%INCLUDE SYSLIB(IFASMFR), BUT ISN'T TO AVIOD			
		A DIAGNOSTIC.			
		THIS MACRO PROCESSES RECORDS IN THE RANGE 00-06. IT			
		ACTS AS A ROUTER TO OTHER MACROS TO PROCESS OTHER			
		RECORDS AS FOLLOWS:			
		MACRO RECORDS			
		IFASMFR1 07-19			
		IFASMFR2 20-27			
		IFASMFR3 28-36			
		IFASMFR4 37-46			
		IFASMFR5 47-54			
		IFASMFR6 55-69			
		IFASMFR9 80-84			
		IFASMFR8 85-103			
		IFASMFRB 104-113			
		IFASMFRC 114-123			
		IFASMFRC 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).			
		IN JES2, THIS RECORD IS WRITTEN FOR EACH JOB OUTPUT ELEMENT,			
		WHICH REPRESENTS A GROUP OF DS DIFFERENTIATED BY PUNCH OR			
		PRINTER SETUP & TYPE OF OUTPUT(EG HELD VS NON-HELD).			
		FOR JES3, WRITTEN FOR EACH COPY OF A DATA SET			
3628	(E2C)	SIGNED	4	(0)	ALIGN TO FULL WORD BOUNDARY
3628	(E2C)	X'E2C'	0	SMFRCD6	*** HEADER SEGMENT
3628	(E2C)	BITSTRING	2	SMF6LEN	RECORD LENGTH
3630	(E2E)	BITSTRING	2	SMF6SEG	SEGMENT DESCRIPTOR
3632	(E30)	BITSTRING	1	SMF6FLG	HEADER FLAG BYTE
3633	(E31)	BITSTRING	1	SMF6RTY	RECORD TYPE 6
3633	(E31)	X'6'	0	SMFJ6	"6" PRINT/PUNCH RECORD TYPE
3634	(E32)	BITSTRING	4	SMF6TME	TOD, USING FORMAT FROM TIME MACRO W/BIN. INTVL
3638	(E36)		4	SMF6DTE	DATE IN PACKED DECIMAL FORM: 00YYDDDF
3642	(E3A)	CHARACTER	4	SMF6SID	SYSTEM IDENTIFICATION Y02901
3646	(E3E)	CHARACTER	8	SMF6JBN	JOB NAME
3654	(E46)	BITSTRING	4	SMF6RST	RDR START TIME, TIME JOB CARD 1ST READ
3658	(E4A)		4	SMF6RSD	READER START DATE 00YYDDDF
3662	(E4E)	CHARACTER	8	SMF6UIF	USER ID FIELD
3670	(E56)	CHARACTER	1	SMF6OWC	OUTPUT WTR CLASS, BLANK FOR NON-SYSOUT
3671	(E57)	BITSTRING	4	SMF6WST	WRITER START TIME
3675	(E5B)		4	SMF6WSD	WRITER START DATE
3679	(E5F)	BITSTRING	4	SMF6NLR	# OF LOGICAL RECORDS HANDLED BY WRITER PER FORM # PER CLASS, INCLUDES REPEATS AND RESTARTS.
3683	(E63)	BITSTRING	1	SMF6IOE	IO ERROR INDICATOR: BITS 0-4 RESERVED Y02120
		.... .1..		SMF6DIE	"X'04" 5 - DATA INPUT ERROR 6 - RESV Y02120
		.... ...1		SMFCBIE	"X'01" 7 - CONTROL BLOCK INPUT ERROR

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
3684	(E64)	BITSTRING	1	SMF6NDS	# OF DATA SETS PROCESSED BY THE OUTPUT Y02120 WRITER AND INCLUDED IN THIS RECORD. Y02120 (COUNT FOR EACH TIME A DS IS PRINTED) Y02120 DOES NOT INCLUDE RESTARTS.
3685	(E65)	CHARACTER	4	SMF6FMN	FORM NUMBER
3689	(E69)	BITSTRING	1	SMF6PAD1	STATUS INDICATORS - THE SECTIONS WILL BE IN THE ORDER LISTED BELOW WHEN THE BIT IS TURNED ON BIT MEANING
		1... ..		SMF6FEXT	"X'80" 0 1 - FIRST EXTENSION PRESENT
		.1.. ..		SMF6REXT	"X'40" 1 1 - COMMON SECTION PRESENT
		..1.		SMF6SEXT	"X'20" 2 1 - SECOND EXTENSION PRESENT
		...1		SMF6ESS1	"X'10" 3 1 - ENHANCED SYSOUT SECTION PRESENT
		.... 1...		SMF6FTFR	"X'08" 4 1 - FILE TRANSFER SECTION PRESENT 5-7 RESERVED
3690	(E6A)	BITSTRING	2	SMF6SBS	SUBSYSTEM GENERATING ID EXTWTR=0, JES2=2, JES3=5, PSF=7, IP PrintWay = 9
3692	(E6C)	BITSTRING	2	SMF6LN1	LENGTH OF SECTION INCLUDING THIS FIELD
3694	(E6E)	BITSTRING	1	SMF6DCI	DS CONTROL INDICATORS FOR DATA GROUP
		1... ..		SMF6DCRV	"X'80" 0 - RESERVED
		.1.. ..		SMF6SDS	"X'40" 1 - SPUN OFF DS
		..1.		SMF6OCN	"X'20" 2 - TERMINATED BY OPERATOR
		...1		SMF6ORD	"X'10" 3 - INTERRUPTED BY OPERATOR (JES2) OPERATOR RESTARTED DATA SET WITH DESTINATION (JES3)
		.... 1...		SMF6OR	"X'08" 4 - RESTARTED BY OPERATOR
		.... .1..		SMF6ROR	"X'04" 5 - CONT OF INTERRUPTED GROUP (JES2) RECEIVED OP RESTARTED DS(JES3)
		.... ..1.		SMF6OSS	"X'02" 6 - CARRIAGE OVERRIDEN BY OPER(JES2) OPERATOR STARTED WITH SINGLE SPACE(JES3)
		.... ...1		SMF6INT	"X'01" 7 - PUNCH WAS INTERPRETED
3695	(E6F)	BITSTRING	1	SMF6INDC	INDICATOR BITS BITS 0-3 ARE RESERVED FOR FUTURE EXPANSION OF DATASET CONTROL INDICATORS BITS 4-7 ARE RECORD LEVEL INDICATORS IN BIT VALUE FORMAT. EXAMPLE: LEVEL 1=X'01' LEVEL 12=X'0C' LEVEL 15=X'0F' THIS NUMBER WILL BE INCREMENTED BY 1 EACH TIME A NEW RELEASE CHANGES THE RECORD
		.... ...1		SMF6LEV2	"X'01" THIS VARIABLE IS FOR JES2 TO SET THE LEVEL INDICATOR BITS.
		.... ..11		SMF6J2L3	"X'03" THIS VARIABLE IS FOR JES2 TO SET THE LEVEL INDICATOR BITS.
		.... .1..		SMF6J2L4	"X'04" THIS VARIABLE IS FOR JES2 TO SET THE LEVEL INDICATOR BITS FOR SECURITY SUPPORT
		.... ...1		SMF6LEV3	"X'01" THIS VARIABLE IS FOR JES3 TO SET THE LEVEL INDICATOR BITS.
		.... ..11		SMF6J3L3	"X'03" THIS VARIABLE IS FOR JES3 TO SET THE LEVEL INDICATOR BITS.
		.... .1..		SMF6J3L4	"X'04" THIS VARIABLE IS FOR JES3 TO SET THE LEVEL INDICATOR BITS FOR SECURITY SUPPORT INDICATOR BITS.
		.... .1.1		SMF6LEV4	"X'05" MVS/JES2 RELEASE 4.1.0
		.... .11.		SMF6LEV6	"X'06" PSF/MVS RELEASE 3.1.0
		.... .111		SMF6LEV7	"X'07" Z/OS RELEASE V1R5
3696	(E70)	CHARACTER	4	SMF6JNM	WHEN SMF6INDC CONTAINS A X'1', THIS FIELD CONTAINS A FOUR-DIGIT EBCDIC JOB NUMBER. WHEN SMF6INDC CONTAINS A X'3' OR GREATER, AND THE JOB NUMBER HAS MORE THAN 4 DIGITS, THIS FIELD CONTAINS ZEROS. IF THE JOB NUMBER IS < OR = TO 9999, THIS FIELD CONTAINS THE JOB NUMBER. FOR AN APPC TRANSACTION, THIS FIELD CONTAINS ZEROES. THE CORRECT JOB NUMBER OR APPC TRANSACTION ID IS FOUND IN SMF6JBID.
3700	(E74)	CHARACTER	8	SMF6OUT	LOGICAL OUTPUT DEVICE NAME FOR THE 3820, ACF/VTAM LOGICAL UNIT NAME
3708	(E7C)	CHARACTER	4	SMF6FCB	FCB ID Y02120

IATYWTR1 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
3712	(E80)	CHARACTER	4	SMF6UCS	UCS ID Y02120 END OF RECORD FOR EXTERNAL WTR
3716	(E84)	BITSTRING	4	SMF6PGE	APPROXIMATE PHYSICAL PAGE COUNT
3716	(E84)	X'E88'	0	SMF6J2S	*** BEGIN JES2 ONLY SECTION
3720	(E88)	BITSTRING	2	SMF6RTE	OUTPUT ROUTE CODE OR ZERO
3722	(E8A)	BITSTRING	1	SMF6END2 (0)	END OF JES2 RECORD
3722	(E8A)	BITSTRING	0	SMF6SIZ2 (0)	SIZE OF JES2 SMF6 RECORD EXCLUDING OPTIONAL EXTENSIONS
3722	(E8A)	BITSTRING	0	SMF6SIZ3 (0)	SIZE OF JES2 SMF6 RECORD FROM SMF6LN1 TO HERE
3720	(E88)	X'E88'	0	SMF6J3S	*** BEGIN JES3 ONLY SECTION
3720	(E88)	BITSTRING	2	SMF6DFE	DATA FORMAT ERROR INDICATORS BITS 0-5 RESV
		.... ..1.		SMF6CCE	"X'02" 6 - SOME 1ST CHAR CONTROL DATA BAD, DEFAULT USED
		.... ..1		SMF6RBE	"X'01" 7 - BAD RECORD LENGTH(TRUNCATE OR PAD) 8-15 RESV
3722	(E8A)	BITSTRING	2	SMF6OPR	OUTPUT PRIORITY
3724	(E8C)	CHARACTER	8	SMF6GRP	LOGICAL OUTPUT DEVICE GROUP NAME
3732	(E94)	CHARACTER	8	SMF6RSVJ	RESERVED FOR JES3
3740	(E9C)	CHARACTER	4	SMF6RSVU	RESERVED FOR USER
3744	(EA0)	BITSTRING	1	SMF6END (0)	END OF JES3 RECORD
3744	(EA0)	BITSTRING	0	SMF6SIZ (0)	SIZE OF JES3 SMF6 RECORD EXCLUDING OPTIONAL EXTENSIONS
3744	(EA0)	BITSTRING	1	SMF6LSIZ (0)	SIZE OF JES3 SMF6 RECORD FROM SMF6LN1 TO HERE

Comment

FIRST EXTENSION - NON-IMPACT PRINTING SUBSYSTEM SECTION
 THIS SECTION WILL ONLY BE PRESENT WHEN
 SMF6SBS IS SET TO 2, 5 OR 7 INDICATING THAT
 JES2, JES3 OR PSF HAS GENERATED THIS RECORD

End of Comment

3692	(E6C)	BITSTRING	2	SMF6LN2	LENGTH FIRST EXTENSION INCLUDING THIS FLD
3694	(E6E)	CHARACTER	1	SMF6CPS (8)	COPIES DISTRIBUTION
3702	(E76)	CHARACTER	4	SMF6CHR (4)	TRANSLATE TABLE NAMES FRO CHARS PARM
3718	(E86)	CHARACTER	4	SMF6MID	COPY MODIFICATION MODULE NAME
3722	(E8A)	CHARACTER	4	SMF6FLI	FLASH OVERLAY NAME
3726	(E8E)	BITSTRING	1	SMF6FLC	NUMBER OF COPIES FLASHED
3727	(E8F)	BITSTRING	1	SMF6BID	FLAG BYTE
		1...		SMF6BTS	"X'80" THE BTSS WAS USED FOR OUTPUT
		.1...		SMF6OPJ	"X'40" OPTCD=J WAS USED FOR OUTPUT
		..1.		SMF6CSP	"X'20" CUT SHEET PRINTER
3728	(E90)	BITSTRING	1	SMF6FEND (0)	END OF FIRST EXTENSION
3728	(E90)	BITSTRING	1	SMF6FSIZ (0)	SIZE OF FIRST EXTENSION

Comment

COMMON SECTION - THIS SECTION IS AN EXTENSION OF THE FIXED
 HEADER SECTION AND WILL BE WRITTEN BY ALL
 GENERATORS OF THE TYPE 6 RECORD. THIS WAS
 PREVIOUSLY CALLED THE ROUTING SECTION.

End of Comment

3692	(E6C)	BITSTRING	2	SMF6LN3	LENGTH OF SECTION INCLUDING THIS FIELD
3694	(E6E)	CHARACTER	4	SMF6ROUT	OUTPUT ROUTE CODE
3698	(E72)	CHARACTER	8	SMF6EFMN	OUTPUT FORM NUMBER
3706	(E7A)	BITSTRING	1	SMF6REND (0)	END OF OLD ROUTING SECTION
3706	(E7A)	BITSTRING	0	SMF6RSIZ (0)	SIZE OF OLD ROUTING SECTION
3706	(E7A)	CHARACTER	16		RESERVED
3722	(E8A)	CHARACTER	8	SMF6JBID	JOB ID
3730	(E92)	CHARACTER	8	SMF6STNM	STEPNAME
3738	(E9A)	CHARACTER	8	SMF6PRNM	PROCEDURE STEP NAME
3746	(EA2)	CHARACTER	8	SMF6DDNM	DD NAME

Offsets

Dec	Hex	Type/Value	Len	Name (Dim)	Description
3754	(EAA)	CHARACTER	8	SMF6USID	USER ID
3762	(EB2)	CHARACTER	8	SMF6SECS	SECURITY LABEL (SECLABEL)
3770	(EBA)	CHARACTER	8	SMF6PRMD	PROCESSING MODE
3778	(EC2)	CHARACTER	53	SMF6DSNM	DATA SET RESOURCE NAME
3831	(EF7)	CHARACTER	3		RESERVED
3834	(EFA)	CHARACTER	20	SMF6OTOK	OUTPUT GROUP TOKEN
3854	(F0E)	BITSTRING	1	SMF6DEND (0)	END OF ROUTING SECTION
3854	(F0E)	BITSTRING	1	SMF6DSIZ (0)	SIZE OF ROUTING SECTION

Comment

ENHANCED SYSOUT SECTION

End of Comment

3692	(E6C)	BITSTRING	2	SMF6LN5	LENGTH ENHANCED SYSOUT SECTION INCLUDING THIS FIELD
3694	(E6E)	BITSTRING	4	SMF6SGID	SEGMENT IDENTIFIER
3698	(E72)	BITSTRING	1	SMF6IND	SECTION INDICATOR
		1... ..		SMF6SJF	"X'80" ERROR OBTAINING SWBTU - SWBTU DATA AREA NOT PRESENT
3699	(E73)	BITSTRING	1	SMF6RSV	RESERVED
3700	(E74)	CHARACTER	8	SMF6JDVT	JDVTNAME
3708	(E7C)	BITSTRING	2	SMF6TUL	SWBTU DATA AREA LENGTH
3710	(E7E)	CHARACTER	1	SMF6TU (0)	SWBTU DATA AREA - DATA AREA CAN BE PROCESSED USING SWBTUREQ MACRO
3710	(E7E)	BITSTRING	1	SMF6EEND (0)	END OF ENHANCED SYSOUT SECTION
3710	(E7E)	BITSTRING	1	SMF6ESIZ (0)	SIZE OF ENHANCED SYSOUT SEC. MOVED SMF6LN4 TO AOPSMF6 2 MOVED SMF6BNLN TO AOPSMF6 2 MOVED SMF6BNNO TO AOPSMF6 4 MOVED SMF6LN6 TO AOPSMF6 11

Comment

%AOPBGN1: ;

METHOD OF ACCESS

PLAS: %INCLUDE SYSLIB(AOPSMF6)

ASSEMBLER: AOPSMF6

NOTES:

PL/AS - INCLUDED BY IFASMFR

BAL - CALLED FROM IFASMFR

%GOTO AOPBGN2;

THIS IS AN SMF MACRO WHICH CONTROLS THE BUILDING OF PORTIONS OF THE SMF TYPE 6 RECORD. THE SECTIONS ARE:

SECOND EXTENSION - APA SECTION - WRITTEN BY PSF (SMF6SBS=7)

MULTI-BINS HEADER SECTION - WRITTEN BY PSF (SMF6SBS=7)

MULTI-BINS COUNTER SECTION - WRITTEN BY PSF (SMF6SBS=7)

FILE TRANSFER SECTION - WRITTEN BY IP PRINTWAY (SMF6SBS=9)

SECOND EXTENSION - APA (ALL POINTS ADDRESSABLE) PRINTING SUBSYSTEM SECTION

THIS SECTION WILL ONLY BE PRESENT WHEN

SMF6SBS IS SET TO 7 INDICATING THAT

PSF HAS GENERATED THIS RECORD

End of Comment

3692	(E6C)	BITSTRING	2	SMF6LN4	LENGTH SECOND EXTENSION INCLUDING THIS FLD
3694	(E6E)	BITSTRING	2	SMF6BNOF	OFFSET TO BIN SECTION
3694	(E6E)	BITSTRING	2	SMF6RES	RESERVED - REDEFINES SMF6BNOF
3696	(E70)	BITSTRING	4	SMF6FONT	NUMBER OF FONTS USED
3700	(E74)	BITSTRING	4	SMF6LFNT	NUMBER OF FONTS LOADED
3704	(E78)	BITSTRING	4	SMF6OVLY	NUMBER OF OVERLAYS USED
3708	(E7C)	BITSTRING	4	SMF6LOLY	NUMBER OF OVERLAYS LOADED
3712	(E80)	BITSTRING	4	SMF6PGSG	NUMBER OF PAGE SEGMENTS USED
3716	(E84)	BITSTRING	4	SMF6LPSG	NUMBER OF PAGE SEGMENTS LOADED
3720	(E88)	BITSTRING	4	SMF6IMPS	COUNT OF LOGICAL IMPRESSIONS PROCESSED

IATYWTR1 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
3724	(E8C)	BITSTRING	4	SMF6FEET	NUMBER OF FEET OF DOCUMENT PRINTED (ZERO FOR THE 3820)
3728	(E90)	BITSTRING	4	SMF6PGDF	NUMBER OF PAGEDEFS USED
3732	(E94)	BITSTRING	4	SMF6FMDF	NUMBER OF FORMDEFS USED
3736	(E98)	BITSTRING	1	SMF6BIN	FLAG BYTE
		1...		SMF6BIN1	"X'80" BIN1 WAS USED FOR ANY PART OF THE DATA SET
		.1..		SMF6BIN2	"X'40" BIN2 WAS USED FOR ANY PART OF THE DATA SET
		..1.		SMF6BIN3	"X'20" BIN3 WAS USED FOR ANY PART OF THE DATA SET
		...1		SMF6BIN4	"X'10" BIN4 WAS USED FOR ANY PART OF THE DATA SET
3737	(E99)	BITSTRING	1	SMF6PGOP	FLAG BYTE
		1...		SMF6DUPS	"X'80" STNDARD DUPLEX WAS USED FOR ANY PART OF DS
		.1..		SMF6DUPT	"X'40" TUMBLE DUPLEX WAS USED FOR ANY PART OF DS
		..1.		SMF6SYSA	"X'20" KEYWORD SYSAREA=Y
		...1		SMF6DPGL	"X'10" KEYWORD DPAGELBL=Y
		.... 1..		SMF6SUCC	"X'08" PRINT OPERATION WAS SUCCESSFUL
		.... .1..		SMF6SPGL	"X'04" KEYWORD SPAGELBL=Y
		.... ..1.		SMF6SOER	"X'02" ERROR OCCURRED PROCESSING SECURITY OVERLAY
		.... ...1		SMF6IGER	"X'01" IMAGE GENERATOR OVERRUN ERROR OCCURRED
3738	(E9A)	BITSTRING	1	SMF6FLG3	FLAG BYTE
		1...		SMF6SLIG	"X'80" SECURITY LABEL INTEGRITY GUARANTEED
		.1..		SMF6JHPP	"X'40" THE JOB HEADER PAGE WAS PRINTED
		..1.		SMF6JTTP	"X'20" THE JOB TRAILER PAGE WAS PRINTED
		...1		SMF6DPLS	"X'10" DATA PAGE LABELING WAS SUPPRESSED
		.... 1..		SMF6UPAS	"X'08" USER PRINTABLE AREA WAS SUPPRESSED
3739	(E9B)	BITSTRING	1	SMF6APAL	LEVEL INDICATOR FOR APA SECTION
		.... ...1		SMF6APA1	"X'01" INITIAL LEVEL OF APA SECTION
3740	(E9C)	BITSTRING	4	SMF6NSOL	NUMBER OF SECURITY OVERLAYS USED
3744	(EA0)	BITSTRING	4	SMF6NSFO	NUMBER OF SECURITY FONTS USED
3748	(EA4)	BITSTRING	4	SMF6NSPS	NUMBER OF SECURITY PAGE SEGMENTS USED
3752	(EA8)	CHARACTER	8	SMF6FDNM	FORMDEF NAME
3760	(EB0)	CHARACTER	8	SMF6PDNM	PAGEDEF NAME
3768	(EB8)	CHARACTER	8	SMF6PTDV	PRINTDEV NAME
3776	(EC0)	CHARACTER	32	SMF6OCNM	OBJECT CONTAINER NAME(S)
3776	(EC0)	CHARACTER	8	SMF6SETU	COMSETUP OBJECT CONTAINER NAME
3784	(EC8)	CHARACTER	8		RESERVED OBJECT CONTAINER NAME
3792	(ED0)	CHARACTER	8		RESERVED OBJECT CONTAINER NAME
3800	(ED8)	CHARACTER	8		RESERVED OBJECT CONTAINER NAME
3808	(EE0)	BITSTRING	4	SMF6LPGE	Count of logical pages processed
3812	(EE4)	BITSTRING	1	SMF6SEND (0)	END OF SECOND EXTENSION
3812	(EE4)	BITSTRING	1	SMF6SSIZ (0)	SIZE OF SECOND EXTENSION

Comment

MULTI-BINS HEADER SECTION (OFFSET DEFINED BY SMF6BNOF)

End of Comment

3628	(E2C)	BITSTRING	2	SMF6BNLN	LENGTH BINS SECTION INCLUDING THIS FLD
3630	(E2E)	BITSTRING	2	SMF6BNUM	NUMBER OF COUNTERS ENTRIES

Comment

MULTI-BINS COUNTER SECTION
- FOLLOWS "MULTI-BIN" HEADER SECTION

End of Comment

3628	(E2C)	BITSTRING	1	SMF6BNNO	BIN NUMBER
3629	(E2D)	BITSTRING	3	SMF6BNCT	BIN COUNTER

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
3632	(E30)	BITSTRING	2	SMF6BNLE	Paper length in millimeters
3634	(E32)	BITSTRING	2	SMF6BNWI	Paper width in millimeters

Comment

FILE TRANSFER SECTION

End of Comment

3692	(E6C)	BITSTRING	2	SMF6LN6	LENGTH OF FILE TRANSFER SECTION INCLUDING THIS FIELD
3694	(E6E)	BITSTRING	4	SMF6BYTE	TOTAL NUMBER OF BYTES SENT
3698	(E72)	BITSTRING	1	SMF6IP1	1ST SEGMENT OF TARGET ADDRESS
3699	(E73)	BITSTRING	1	SMF6IP2	2ND SEGMENT OF TARGET ADDRESS
3700	(E74)	BITSTRING	1	SMF6IP3	3RD SEGMENT OF TARGET ADDRESS
3701	(E75)	BITSTRING	1	SMF6IP4	4TH SEGMENT OF TARGET ADDRESS
3702	(E76)	BITSTRING	1	SMF6FTL	LEVEL INDICATOR FOR FILE TRANSFER SECTION
		.... ...1		SMF6FTL1	"X'01" Z/OS V1R5
3703	(E77)	CHARACTER	9		RESERVED
3712	(E80)	BITSTRING	2	SMF6URIL	Length of Host URI
3714	(E82)	BITSTRING	2	SMF6PQLN	Length of Print Queue Name
3716	(E84)	CHARACTER	24	SMF6PRTQ	Print Queue Name
3740	(E9C)	CHARACTER	1	SMF6URI (0)	Target Device URI
3740	(E9C)	BITSTRING	1	SMF6TEND (0)	END OF FILE TRANSFER SECTION
3740	(E9C)	BITSTRING	1	SMF6TSIZ (0)	SIZE OF FILE TRANSFER SECTION

Comment

THIS LINE DELETED BY APAR OZ84504

End of Comment

3628	(E2C)	BITSTRING	116	WTR06BSP	ALLOCATE SPACE - SMF6 BASE
3744	(EA0)	BITSTRING	216	WTR06XSP	ALLOW SPACE FOR SMF6 EXTENTIONS 0371 0371
3960	(F78)	BITSTRING	1	WTR06TOT (0)	REC.SIZE.

Comment

THIS LINE DELETED BY APAR OY45626
DATA ADDRESSABLE VIA PRIOR ADDRESS CONSTANTS

End of Comment

4096	(1000)	SIGNED	4	WTRSTRT2 (0)	
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Comment

THE FOLLOWING WSP IS USED IN MODULE IATOSWP FOR IATXOSWS REQUESTS TO INSURE THE VALIDITY OF THE WRITER DRIVER WSP FOR NON CHANNEL ORIENTED OUTPUT DEVICES. (I.E. 3800) POINTED TO BY WTRWSPAA.

End of Comment

4096	(1000)	SIGNED	4	(0)	Alignment for the WSP
4096	(1000)	BITSTRING	0	WTRPWSPA (0)	
4096	(1000)	BITSTRING	1	(0)	
4456	(1168)	BITSTRING	1	(0)	

Comment

END OF DATA CSECT

End of Comment

IATYWTR1 Cross Reference

IATYWTR1 Cross Reference

Name

IATODWD
IATXOSCI
IATXOSCO
IATXOSG
IATXOSOI
IATXOSOO
IATXOSP
M00M0055
SMFCBIE
SMFJ6
SMFRCD6
SMF6APAL
SMF6APA1
SMF6BID
SMF6BIN
SMF6BIN1
SMF6BIN2
SMF6BIN3
SMF6BIN4
SMF6BNCT
SMF6BNLE
SMF6BNLN
SMF6BNNO
SMF6BNOF
SMF6BNUM
SMF6BNWI
SMF6BTS
SMF6BYTE
SMF6CCE
SMF6CHR
SMF6CPS
SMF6CSP
SMF6DCI
SMF6DCRV
SMF6DDNM
SMF6DEND
SMF6DFE
SMF6DIE
SMF6DPGL
SMF6DPLS
SMF6DSIZ
SMF6DSNM
SMF6DTE
SMF6DUPS
SMF6DUPT
SMF6EEND
SMF6EFMN
SMF6END
SMF6END2
SMF6ESIZ
SMF6ESS1
SMF6FCB
SMF6FDNM
SMF6FEET
SMF6FEND

Name

SMF6FEXT
SMF6FLC
SMF6FLG
SMF6FLG3
SMF6FLI

SMF6FMDF
SMF6FMN
SMF6FONT
SMF6FSIZ
SMF6FTFR

SMF6FTL
SMF6FTL1
SMF6GRP
SMF6IGER
SMF6IMPS

SMF6IND
SMF6INDC
SMF6INT
SMF6IOE
SMF6IP1

SMF6IP2
SMF6IP3
SMF6IP4
SMF6JBID
SMF6JBN

SMF6JDVT
SMF6JHPP
SMF6JNM
SMF6JTPP
SMF6J2L3

SMF6J2L4
SMF6J2S
SMF6J3L3
SMF6J3L4
SMF6J3S

SMF6LEN
SMF6LEV2
SMF6LEV3
SMF6LEV4
SMF6LEV6

SMF6LEV7
SMF6LFNT
SMF6LN1
SMF6LN2
SMF6LN3

SMF6LN4
SMF6LN5
SMF6LN6
SMF6LOLY
SMF6LPGE

SMF6LPSG
SMF6LSIZ
SMF6MID
SMF6NDS
SMF6NLR

SMF6NSFO
SMF6NSOL
SMF6NSPS
SMF6OCN
SMF6OCNM

IATYWTR1 Cross Reference

Name

SMF6OPJ
SMF6OPR
SMF6OR
SMF6ORD
SMF6OSS

SMF6OTOK
SMF6OUT
SMF6OVLY
SMF6OWC
SMF6PAD1

SMF6PDNM
SMF6PGDF
SMF6PGE
SMF6PGOP
SMF6PGSG

SMF6PQLN
SMF6PRMD
SMF6PRNM
SMF6PRTQ
SMF6PTDV

SMF6RBE
SMF6REND
SMF6RES
SMF6REXT
SMF6ROR

SMF6ROUT
SMF6RSD
SMF6RSIZ
SMF6RST
SMF6RSV

SMF6RSVJ
SMF6RSVU
SMF6RTE
SMF6RTY
SMF6SBS

SMF6SDS
SMF6SECS
SMF6SEG
SMF6SEND
SMF6SETU

SMF6SEXT
SMF6SGID
SMF6SID
SMF6SIZ
SMF6SIZ2

SMF6SIZ3
SMF6SJF
SMF6SLIG
SMF6SOER
SMF6SPGL

SMF6SSIZ
SMF6STNM
SMF6SUCC
SMF6SYSA
SMF6TEND

SMF6TME
SMF6TSIZ
SMF6TU
SMF6TUL
SMF6UCS

Name

SMF6UIF
SMF6UPAS
SMF6URI
SMF6URIL
SMF6USID

SMF6WSD
SMF6WST
WSPACONS
WSPAECF
WSPARQ

WSPASUP
WSPBCMPL
WSPBDTRQ
WSPBHLDC
WSPBHOLD

WSPBLBDT
WSPBLTCP
WSPBOTH
WSPBUFNC
WSPBUFN4

WSPCARR
WSPCCNTL
WSPCDE
WSPCDEST
WSPCHAIN

WSPCHNGE
WSPCKJBC
WSPCKJBI
WSPCKPRQ
WSPCKPT

WSPCLAS
WSPCLNUP
WSPCLSN
WSPCLSRT
WSPCLSS

WSPCMPL
WSPCPMOD
WSPCRJOB
WSPCSBT
WSPCTRL1

WSPCTRL2
WSPCOVER
WSPDEL
WSPDEST
WSPDFDST

WSPDFLNE
WSPDM206
WSPDSHLD
WSPDSPTY
WSPDSRST

WSPDSTSK
WSPDUMPT
WSPEND
WSPENF58
WSPERCVL

WSPERCVW
WSPEXTS
WSPFAILD
WSPFCBID
WSPFDB

IATYWTR1 Cross Reference

Name

WSPFDBS
WSPFDBSV
WSPFDBT
WSPFDBTB
WSPFFDBV

WSPFIRRQ
WSPFLAG
WSPFLASH
WSPFLGS
WSPFLG1

WSPFLG10
WSPFLG11
WSPFLG2
WSPFLG3
WSPFLG4

WSPFLG5
WSPFLG6
WSPFLG7
WSPFLG8
WSPFLG9

WSPFL708
WSPFORM
WSPFRSDD
WSPF1101
WSPF1102

WSPF1104
WSPF1108
WSPGET
WSPGETRL
WSPGJNAM

WSPGLOB1
WSPGTMND
WSPHCNT
WSPHWLK
WSPHWWQP

WSPHWWSP
WSPIBDCI
WSPID
WSPIDENT
WSPIDJOT

WSPIDMJA
WSPIGR70
WSPIIQOS
WSPIMOCP
WSPIMOOS

WSPINTCP
WSPINTNR
WSPINTRS
WSPIOSB1
WSPIOSB2

WSPIOSB3
WSPIOSD1
WSPIOSD2
WSPIOSF1
WSPIOSF2

WSPIOSR2
WSPIOSSD
WSPIOSSO
WSPIOSTC
WSPIOSW1

Name

WSPIOSW2
WSPIP
WSPIPURG
WPISIOP
WSPJBFND

WSPJDS
WSPJOBBCM
WSPJOBID
WSPJOBRRP
WSPLEN

WSPLINE
WSPLTOS
WSPLTSNO
WSPLTTCP
WSPLTTNO

WSPMASK
WSPMLREQ
WSPNDOPT
WSPNJE
WSPNJERC

WSPNJERD
WSPNJERT
WSPNOSAF
WSPNULL
WSPOCHN

WSPCNT4
WSPOFFST
WSPOFST
WSPOKRET
WSPOSA

WSPPOSE
WSPPOSEB4
WSPPOSEID
WSPPOSELK
WSPPOSEOF

WSPOSERD
WSPOSERL
WSPPOSEWR
WSPOSPC
WSPOSPND

WSPOSS
WSPOSSWB
WSPPOSTJC
WSPPOSTJI
WSPOUTBN

WSPPAGE
WSPPBSPK
WSPPECF
WSPPEND
WSPPENSA

WSPPGREL
WSPPMODE
WSPPOSTD
WSPPRTY
WSPPCPT

WSPPSDRT
WSPPSOSC
WSPPSOTM
WSPPTYPF
WSPPTYSV

IATYWTR1 Cross Reference

Name

WSPPUT
WSPQCHG
WSPRCAWR
WSPRCCL
WSPRCDAC
WSPRCDAT
WSPRCDMP
WSPRCERR
WSPRCINV
WSPRCJOB
WSPRCOUT
WSPRCPSO
WSPRCRQ
WSPRECRD
WSPREL
WSPRESQ
WSPRQACC
WSPRQADR
WSPRQCMP
WSPRQFDB
WSPRQINV
WSPRQPRM
WSPRQRQD
WSPRQWS
WSPRSTD
WSPRSTG
WSPRSVDV
WSPRSVD2
WSPRSVD7
WSPRSVD8
WSPRSVD9
WSPRSVFX
WSPRSVS3
WSPRSVS4
WSPRSVS5
WSPRSVS6
WSPRSVU1
WSPRSVU2
WSPRSV01
WSPRTNIN
WSPRTN20
WSPSADUM
WSPSAFFL
WSPSAPEN
WSPSAPRO
WSPSAVE
WSPSAVEA
WSPSAVE2
WSPSAVE3
WSPSAVE4
WSPSCHED
WSPSDWAD
WSPSECPT
WSPSELC
WSPSELD
WSPSELM
WSPSELMX
WSPSELT
WSPSIZE
WSPSKJOB

Name

WSPSOTBN
 WSPSRCHP
 WSPSSCWA
 WSPSSREQ
 WSPSTA

 WSPSTACK
 WSPSTART
 WSPSTRTD
 WSPSWBID
 WSPSWTR

 WSPSYSRQ
 WSPTEEND
 WSPTEEND_V0
 WSPTEJBC
 WSPTEJBI

 WSPTESIZ
 WSPTESIZ_V0
 WSPTESSO
 WSPTESSO_V0
 WSPTEUID

 WSPTOKEN
 WSPTPID
 WSPTSO
 WSPTYPE
 WSPUCS

 WSPUCSID
 WSPUNSCH
 WSPURSTA
 WSPUSRID
 WSPVER

 WSPVER01
 WSPWOSP
 WSPWOSW
 WSPWSTME
 WSPWTRSC

 WSPWTSCH
 WSPXJMR
 WSPYOSPC
 WSP10R01
 WSP10R02

 WSP10R04
 WSP10R08
 WSP10R10
 WSP206IS
 WSP4BOSD

 WSP4BOSE
 WSP8RSV3
 WTRCIMPL
 WTRCRDS
 WTRDAREA

 WTRDATE
 WTRDCCDB
 WTRDCDEP
 WTRDCFLG
 WTRDCLR

 WTRDCMDQ
 WTRDCRVS
 WTRDCTAD
 WTRDCTPG
 WTRDCUPG

IATYWTR1 Cross Reference

Name

WTRDDCDB
WTRDDIAG
WTRDDSER
WTRDDSN
WTRDDSNF

WTRDDSNL
WTRDECFE
WTRDECFL
WTRDEC1
WTRDEC2

WTRDFAIL
WTRDFDJN
WTRDFLGI
WTRDFLGO
WTRDFSA

WTRDFSID
WTRDFSS
WTRDIARE
WTRDICDE
WTRDIDDN

WTRDIDEV
WTRDIMOD
WTRDINAM
WTRDINTS
WTRDINTV

WTRDINVO
WTRDISTY
WTRDITYP
WTRDJDST
WTRDJFLG

WTRDJFLS
WTRDJFRM
WTRDJID
WTRDJNAM
WTRDLDCM

WTRDLNST
WTRDLFCB
WTRDLFLS
WTRDLFRM
WTRDLGCR

WTRDLMRC
WTRDLMSG
WTRDLOCN
WTRDLUCS
WTRDMDDS

WTRDMDD2
WTRDMGAC
WTRDMGNA
WTRDMPRQ
WTRDMSAV

WTRDMSG
WTRDMSGF
WTRDMSGI
WTRDMSGO
WTRDMSGP

WTRDMSGR
WTRDMSK1
WTRDMSK2
WTRDM731
WTRDNAME

Name

WTRDODDN
WTRDODEV
WTRDODV3
WTRDOFLG
WTRDOMOD

WTRDONAM
WTRDOSTY
WTRDOTOK
WTRDOTYP
WTRDPFLG

WTRDPGCT
WTRDPPSR
WTRDPSTF
WTRDQMSG
WTRDQRTN

WTRDRCDL
WTRDRCDR
WTRDRFOR
WTRDRLJN
WTRDRRTN

WTRDRSQ
WTRDRSVD
WTRDRSV1
WTRDRSV2
WTRDRSV3

WTRDRSV5
WTRDR TOK
WTRDSADD
WTRDSECA
WTRDSNAM

WTRDSPRT
WTRDSTQ1
WTRDSTQ2
WTRDSTQ3
WTRDSTQ4

WTRDSTUP
WTRDSUPI
WTRDSUPO
WTRDTMEX
WTRDTMOT

WTRDTYPE
WTRDUDST
WTRDUFLG
WTRDUFLS
WTRDUFRM

WTRDWAIT
WTRDWSTM
WTRDXCDB
WTRDXCDB_KEYUSED_CMDIND

WTRDXCDB_XABEND

WTRDXCDB_XABEND_NO

WTRDXCDB_XABEND_YES

WTRDXCDB_XCART

WTRDXCDB_XCMDIND_NO

IATYWTR1 Cross Reference

Name

WTRDXCDB_XCMDIND_YES

WTRDXCDB_XCNDB

WTRDXCDB_XCONSID

WTRDXCDB_XCONSNM

WTRDXCDB_XKEYECATCH

WTRDXCDB_XFLAG1

WTRDXCDB_XFLAG2

WTRDXCDB_XINCNDDB

WTRDXCDB_XKEYS

WTRDXCDB_XOPERATION_EXTRACTCART

WTRDXCDB_XOPERATION_EXTRACTCONSID

WTRDXCDB_XOPERATION_EXTRACTCONSNAME

WTRDXCDB_XOPERATION_EXTRACTCONSTYPE

WTRDXCDB_XOPERATION_EXTRACTROUT

WTRDXCDB_XOPERATION_INITIALIZE

WTRDXCDB_XOPERATION_RESET

WTRDXCDB_XOPERATION_TRANSCONSID

WTRDXCDB_XOPERATION_TRANSFER

WTRDXCDB_XOPERATION_TRANSROUT

WTRDXCDB_XOPERATION_UPDATE

WTRDXCDB_XOPERATION_VERIFY

WTRDXCDB_XOUTCART

WTRDXCDB_XOUTCNDB

WTRDXCDB_XOUTCONSID

WTRDXCDB_XOUTCONSNAME

WTRDXCDB_XOUTCONSTYPE

WTRDXCDB_XOUTROUT

WTRDXCDB_XROUT

WTRDXCDB_XRSV001

WTRDXCDB_XRSV002

Name

WTRDXCDB_XUSERADDR

WTRDXCDB_XVERSION

WTRDXCDBL

WTRDYNAM

WTRENFDS

WTRENTNM

WTRFBUSY

WTRFCKAL

WTRFCLPI

WTRFCLR

WTRFCPER

WTRFCPIP

WTRFDCPI

WTRFDOSU

WTRFDRET

WTRFDSAD

WTRFDSUP

WTRFDUMP

WTRFDVRS

WTRFENQ

WTRFENQW

WTRFFAIL

WTRFFIT

WTRFFLGA

WTRFFLG1

WTRFFLG2

WTRFFLG3

WTRFFLG4

WTRFFLG5

WTRFFLG6

WTRFFLG7

WTRFFLG8

WTRFFLG9

WTRFFRIP

WTRFFSA

WTRFFSAA

WTRFFSRC

WTRFFSS

WTRFFSSA

WTRFGDEP

WTRFGDRN

WTRFGDSF

WTRFGRCM

WTRFGTRL

WTRFINEP

WTRFINZ0

WTRFISET

WTRFIWTO

WTRFJMRA

WTRFJNDS

WTRFJNNX

WTRFJNWS

WTRFJOSL

WTRFJTRL

WTRFMANU

WTRFMFSS

WTRFMID

WTRFM PAD

IATYWTR1 Cross Reference

Name

WTRFMPDL
WTRFMPEP
WTRFNCKP
WTRFNDMP
WTRFNEWS

WTRFOSDP
WTRFPDQC
WTRFPDQF
WTRFPDQL
WTRFPDQS

WTRFPORQ
WTRFPRIM
WTRFPURC
WTRFQREQ
WTRFQUET

WTRFRCFM
WTRFRCUR
WTRFRDEP
WTRFRECL
WTRFRESP

WTRFRLTM
WTRFRSCD
WTRFRSTR
WTRFRSVD
WTRFRSVS

WTRFRSVU
WTRFRSVX
WTRFRSV1
WTRFRDMI
WTRFRVA3

WTRFRVA4
WTRFRVA5
WTRFRVA6
WTRFSAAC
WTRFSAAD

WTRFSABN
WTRFSAFI
WTRFSARS
WTRFSASA
WTRFSATM

WTRFSDDN
WTRFSEET
WTRFSETE
WTRFSMSG
WTRFSNUM

WTRFSRS
WTRFSSAD
WTRFSSNM
WTRFSSSA
WTRFSTAR

WTRFSTAT
WTRFSTRS
WTRFSVAL
WTRFSV10
WTRFSWRK

WTRFSYET
WTRFSYWM
WTRFSYWT
WTRFTEEP
WTRFTREQ

Name

WTRFUIR
WTRFUX45
WTRFVOFF
WTRFWOSU
WTRFWUAL

WTRF0FDB
WTRF3MSG
WTRGDPDQ
WTRGDSST
WTRIA

WTRIADR1
WTRIADR2
WTRIBEQ
WTRIC
WTRICALL

WTRICBEQ
WTRICCW
WTRICEQ
WTRICFLC
WTRICHEQ

WTRICHNG
WTRICKEQ
WTRICKIV
WTRICKPG
WTRICKPT

WTRICKSC
WTRICLSP
WTRICMEQ
WTRICNCL
WTRICNTP

WTRICNTR
WTRICOPY
WTRICPEQ
WTRICPMI
WTRICPPL

WTRICPYC
WTRICPYE
WTRICPYN
WTRICPYS
WTRICPYT

WTRICTEQ
WTRICTKN
WTRICURR
WTRID
WTRIDBPM

WTRIDEQ
WTRIDL
WTRIDLE
WTRIDLES
WTRIDOFD

WTRIDS
WTRIDSBG
WTRIDSC
WTRIDSD
WTRIDSDN

WTRIDSLD
WTRIDSO
WTRIDSOP
WTRIDSR
WTRIDSS

IATYWTR1 Cross Reference

Name

WTRIEND
WTRIEP
WTRIERIN
WTRIFDBI
WTRIFDBS

WTRIFEQ
WTRIFFDB
WTRIFLCN
WTRIFLEQ
WTRIFLG1

WTRIFLG2
WTRIFLG3
WTRIFLG4
WTRIFLG5
WTRIFLG6

WTRIFLG7
WTRIFLG8
WTRIG
WTRIGNO
WTRIHEQ

WTRIHLD
WTRIHOT
WTRIHRSN
WTRIHYP
WTRIINL

WTRIJ
WTRIJDSH
WTRIJDSP
WTRIJEQ
WTRIJMRD

WTRIJMRQ
WTRIJOB
WTRIJOB
WTRIJOB
WTRIJOB
WTRIJOB
WTRIKDSI

WTRIKPJS
WTRIL
WTRILEN1
WTRILEN2
WTRILEQ

WTRILNCT
WTRILPOS
WTRIM
WTRIMANM
WTRIMFLA

WTRIMFLB
WTRIMFLP
WTRIMFLS
WTRIMFL1
WTRIMFL2

WTRIMFL3
WTRIMFL4
WTRIMFL5
WTRIMFL6
WTRIMFL7

WTRIMFL8
WTRIMNT
WTRIMPM1
WTRIMPM2
WTRIMPM3

Name

WTRIMPM4
WTRIMPM5
WTRIMPM6
WTRIMPM7
WTRIMPM8

WTRIM201
WTRIM202
WTRIM701
WTRIM702
WTRIM704

WTRIN
WTRINAV
WTRINDSR
WTRINDX
WTRINEGV

WTRINLCN
WTRINNPR
WTRINON
WTRINONE
WTRINOTS

WTRINOT1
WTRINOT2
WTRINPRO
WTRINTCN
WTRINVEQ

WTRIOPNS
WTRIOS
WTRIOSE
WTRIOSEN
WTRIOSL

WTRIOSSZ
WTRIOTEQ
WTRIP
WTRIPAGE
WTRIPAGF

WTRIPAGS
WTRIPARM
WTRIPFOK
WTRIPFOR
WTRIPGEQ

WTRIPMEQ
WTRIPO
WTRIPOFF
WTRIPRAG
WTRIPT

WTRIPTK1
WTRIPTK2
WTRIPTRA
WTRIR
WTRIRCD

WTRIRCDS
WTRIRCUR
WTRIREOF
WTRIREPO
WTRIREQ

WTRIREST
WTRIRJPE
WTRIRM
WTRIROEQ
WTRIRPOS

IATYWTR1 Cross Reference

Name

WTRIRQAD
WTRIRSCD
WTRIRSCH
WTRIRSFL
WTRIRSTR

WTRIRSTX
WTRIRSVD
WTRIRSV1
WTRIRSV2
WTRIRSV4

WTRIS
WTRISELP
WTRISSET
WTRISLEN
WTRISMFL

WTRISMFT
WTRISREQ
WTRISTAR
WTRISTEQ
WTRISTER

WTRISTR
WTRISTUP
WTRISU
WTRISYND
WTRISYS

WTRISYSE
WTRISZEQ
WTRIT
WTRITLC
WTRITRNC

WTRIUHQ
WTRIVLOR
WTRIVO
WTRIWCEQ
WTRIWFIT

WTRIWMSG
WTRIWORK
WTRIWRK
WTRIWRKM
WTRIWSC

WTRIWSC
WTRIWSCM
WTRIWSD
WTRIWSEQ
WTRIWSEF

WTRIWSFL
WTRIWSL
WTRIWSP
WTRIWSPM
WTRIWSST

WTRIWST
WTRIWSTU
WTRIZLEN
WTRI7030
WTRI7072

WTRJPDV
WTRJTRNX
WTRLNTRN
WTRLOGID
WTRLOGNM

Name

WTRMPEPT
WTRNOACT
WTRNOSPN
WTRNSTAR
WTRNZIOR

WTROCDEP
WTROCHK
WTROCHOR
WTROCLOS
WTROCONS

WTROCOPY
WTRODS
WTROLBL
WTROLGSL
WTROLGST

WTROLIST
WTROLRCL
WTRONNP
WTROPAGE
WTROPPQF

WTROPPQL
WTROPPQN
WTROREAL
WTROREC
WTROREG

WTRORJCT
WTRROSEAR
WTROTRUN
WTRROVOL
WTRROVSTP

WTRROWTRX
WTRPDIRN
WTRPDQER
WTRPRD14
WTRPREG2

WTRPRL14
WTRPSAV1
WTRPSAV2
WTRPSAV3
WTRPSAV4

WTRPSM14
WTRPSSCA
WTRPSV14
WTRPWSPA
WTRPWTRC

WTRPWT14
WTRP0FDB
WTRQUERYF
WTRRSVDB
WTRRSVD0

WTRRSVD1
WTRRSVD6
WTRRSVD8
WTRRSVD9
WTRRSVS0

WTRRSVS1
WTRRSVS2
WTRSAFOK
WTRSCFLG
WTRSCGMN

IATYWTR1 Cross Reference

Name

WTRSCHFL
WTRSCHKT
WTRSCHLN
WTRSCHPG
WTRSCHSZ

WTRSCOPY
WTRSCTAB
WTRSDSOP
WTRSECPT
WTRSETDV

WTRSFBO
WTRSF1
WTRSF2
WTRSF3
WTRFMH2

WTRFOCO
WTRFRMS
WTRLDEN
WTRMSGM
WTRSNREC

WTRSNXDS
WTRSPAN
WTRSPDEV
WTRSPERR
WTRSPFCB

WTRSPFIR
WTRSPFLG
WTRSPFSA
WTRSPFSS
WTRSPST

WTRSPNTH
WTRSPPAD
WTRSRREC
WTRSRERR
WTRSRRLN

WTRSRRT
WTRSRSD
WTRSRV1
WTRSRV2
WTRSRV3

WTRSSDEV
WTRSSEND
WTRSSUSP
WTRSTACC
WTRSTART

WTRSTDEV
WTRSTFSA
WTRSTR2
WTRUCSO
WTRWBF

WTRWBN
WTRWBP
WTRWBSZ
WTRSYNDV
WTRTIME

WTRTUSID
WTRT7008
WTRWOSER
WTRWPRSQ
WTRWSPA

Name

WTRWSPUP
WTRXCPDS
WTRXFSE
WTRXLMSD
WTRXOSEN

WTR06BSP
WTR06TOT
WTR06XSP

IATYWTR2 Information

IATYWTR2 Programming Interface information

Programming Interface information

IATYWTR2

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

- | | | | |
|------------|------------|------------|------------|
| • IATXOSCI | • WTRDMSGR | • WTRFRDEP | • WTROWTRX |
| • IATXOSCO | • WTRDNAME | • WTRFSAFL | • WTRPRD14 |
| • IATXOSG | • WTRDPPSR | • WTRFSETE | • WTRPREG2 |
| • IATXOSOI | • WTRDQMSG | • WTRFSV10 | • WTRPRL14 |
| • IATXOSOO | • WTRDRFOR | • WTRFTEEP | • WTRPSAV1 |
| • IATXOSP | • WTRDRLJN | • WTRIFDBI | • WTRPSAV2 |
| • WTRDCLR | • WTRDSNAM | • WTRIFLG1 | • WTRPSAV3 |
| • WTRDCTAD | • WTRDSTUP | • WTRIPTK1 | • WTRPSAV4 |
| • WTRDDIAG | • WTRDWAIT | • WTRIPTK2 | • WTRPSM14 |
| • WTRDDSER | • WTRFCPER | • WTRIRCDS | • WTRPSSCA |
| • WTRDFAIL | • WTRFGDEP | • WTRISLEN | • WTRPSV14 |
| • WTRDFDJD | • WTRFINEP | • WTRMPEPT | • WTRPWT14 |
| • WTRDLGCR | • WTRFPDQC | • WTROCDEP | • WTRSNREC |
| • WTRDMDDS | • WTRFPDQF | • WTROPPQF | • WTRSRECN |
| • WTRDMDD2 | • WTRFPDQL | • WTROPPQL | • WTRWPRSQ |
| • WTRDMSAV | • WTRFPDQS | • WTROPPQN | |

End of Programming Interface information

Heading Information • IATYWTR2 Map

IATYWTR2 Heading Information

Common Name: WRITER WORK/CONTROL AREA
Macro ID: IATYWTR
DSECT Name: WTRDSECT, IOSB
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IATODFD, IATODPN, IATODPR, IATODSI, IATODSN, or IATODWD
 Offset: 0
 Length: 8
 Note: The Eye-Catcher will be the name of the module that expands it as a CSECT.
Storage Attributes: Auxiliary Storage: N/A
 Subpool: 251
Size: WTRDSECT - 0.2K
 IOSB - WTROODSZ
Created by: N/A
Pointed to by: R13 WHILE IN THE DRIVER OR SUPPORT MODULE WHICH IS REFERENCING IT
 ALSO:
 WTRDIARE --> INPUT AREA
 WTRDAREA --> OUTPUT AREA
Serialization: FIELDS WHICH HAVE SERIALIZED ACCESS
 WSPFDBS - BETWEEN THE WRITER AND PPQ MANAGER (I.E. ONLY ONE USER OF THE WOSE FDB)
 WTRDIEF & WTROFLGS - THE ODIEF FLAG IS USED BY THE DIE ROUTINE (IATOSDI) TO POST (VIA CS) THE SUPPORT ROUTINE (E.G. IATOSPR) WHEN AN EVENT HAS OCCURRED. THE OFLGS FIELD IS EQUATED TO THE SAME BYTE AS ODIEF.
Function: PROVIDE DATA CSECTS NEEDED BY OUTPUT SERVICE DRIVERS AND SUPPORT ROUTINES FOR OUTPUT WRITER PROCESSING

IATYWTR2 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	WTRDSECT	
0	(0)	SIGNED	4	WTRSTART (0)	DATA AREA START

Comment

IATYMOD BR=NO
 JES3 MODULE ENTRY POINT IDENTIFIER

01 Change Activity:

\$SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0

End of Comment

0	(0)	CHARACTER	8		MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
OUTPUT SERVICE WRITER DATA AREA					

THE SECURITY PARAMETER LIST FOR WRITERS IS ANCHORED IN WTRDSECA BELOW. IT IS AGETMAINED IN IATOSWC.					

End of Comment					
36	(24)	ADDRESS	4	WTRDSECA	SECURITY DATA PARM LIST FOR IATXSEC
40	(28)	SIGNED	4	WTRSECPTR	SECURITY MACRO IATYSEC PTR FOR WTRPWSPA
Comment					

TRDCCDB IATYCNDDB DSECT=NO CALLING CONSOLE INFORMATION

```

IATYCNDDB_1;;
START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  5647-A01 COPYRIGHT IBM CORP. 1989, 2010
  STATUS= HJS7770
  END_OF_PROPRIETARY_STATEMENT
  This data area is maintained as a CASE mapping macro.
  Changes should be made to the CASE source and then
  the PLX and Assembler should be regenerated.
  Do NOT make changes to the PLX or Assembler directly!
01 Descriptive Name: Console Destination Block
  Acronym: CNDB
01 Macro Name: IATYCNDDB
01 DSECT Name: IATYCNDDB
  --based variable for storage mapping
01 Component: JES3 (SC1BA)
01 Function:
02 The console destination block is a control block that
  contains information related to the destination that
  messages should be sent to. This control block is built
  as commands are entered into to the system and is used by
  command processors as a destination for where to return
  messages to. The control block is imbeded in other
  control blocks and the size of the data area must not
  change (otherwise a JES3 cold start is required). The
  data is referenced by non-source maintained modules, so
  offsets into the data area must not change.
01 Eye-Catcher: CNDBEYE
02 Offset: 4
02 Length: 4
01 Language: PL/X
01 Storage Attributes:
02 Allocation Method: Imbeded within other control blocks
02 Main Storage: 94
  
```

IATYWTR2 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
02 Virtual Storage: 94					
02 Auxiliary Storage: 94					
02 Subpool: n/a					
02 Key: 1					
02 Data Space: N/A					
02 Residency: any					
02 Frequency: n/a					
02 Size: 94					
02 Created by: n/a					
02 Deleted by: n/a					
02 Pointed to by: Imbedded within other control blocks					
02 Serialization: none					
01 EXTERNAL CLASSIFICATION: DMTI					
01 END OF EXTERNAL CLASSIFICATION:					
01 Method Of access:					
02 ASM: IATYCNDB					
02 PLX: %INCLUDE SYSLIB(IATYCNDB)					
01 CHANGE ACTIVITY:					
\$QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support					
\$RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init					
\$T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0					
CASE/390 - VERSION 49					
END OF SPECIFICATIONS					
%					

					End of Comment
44	(2C)	SIGNED	4	WTRDCCDB (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

TRDDCDB IATYCNDB DSECT=NO DEVICE RELATED CONSOLE INFORMATION

```

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

```


Offsets

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

--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
140	(8C)	SIGNED	4	WTRDDCDB (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 INFORMATION

Comment

 DEFINITION OF WTRDCFLG

					End of Comment
234	(EA)	BITSTRING	1	WTRDCFLG WTRDCRVS	OUTPUT SERVICE WRITER FLAG "X'80" Reserved for service

IATYWTR2 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
THIS LINE DELETED BY APAR OW22430					
End of Comment					
235	(EB)	BITSTRING	1	WTRRSVD0	RESERVED FOR DEVELOPMENT
236	(EC)	BITSTRING	1	WTRDMSGF	MESSAGE FLAGS
Comment					
----- DEFINITION OF WTRDMSGF -----					
End of Comment					
		1... ..		WTRDMSGP	"X'80" COMMAND PENDING IN WTRDMSGI
		.1.		WTRDINTV	"X'40" INTERVENTION REQUIRED PEND.
		..1.		WTRDTMEX	"X'20" TIMER HAS EXPIRED
		...1		WTRIRCUR	"X'10" FAILSOFT RECURSION
		.... 1...		WTROCHOR	"X'08" OUTPUT DEV IS CHAN-ORIENTED
		.... .1..		WTRJPDV	"X'04" RJP DEVICE
		.... ..1.		WTRLNTRN	"X'02" RJP LINE TURNAROUND
		.... ...1		WTRFSTAT	"X'01" FSS CONTROLLER POST REQUEST 1
237	(ED)	BITSTRING	1	WTRDM731	IATOSSI DM731 footprint
238	(EE)	SIGNED	2	WTRRSVS0	RESERVED FOR SERVICE
240	(F0)	CHARACTER	8	WTRCIMPL	COMMAND IMPLEMENTATION MOD
248	(F8)	CHARACTER	10	WTRT7008	TEXT FOR IAT7008
258	(102)	BITSTRING	1	WTRDPFLG	PARAMETER FLAGS
Comment					
----- DEFINITION OF WTRDPFLG -----					
End of Comment					
		1... ..		WTRDINVO	"X'80" INVALID CONTROL CHARACTER.
		.1.		WTRDLMSG	"X'40" LOAD MESSAGE REQUIRED
		..1.		WTRDLDCM	"X'20" COPY MOD MUST BE LOADED
		...1		WTRDLNST	"X'10" STACKER MUST BE CHANGED
		.... 1...		WTRDLFLS	"X'08" FLASH MUST BE CHANGED
		.... .1..		WTRDLFRM	"X'04" FORMS MUST BE LOADED
		.... ..1.		WTRDLUCS	"X'02" UCS MUST BE LOADED
		.... ...1		WTRDLFCB	"X'01" FCB/TAPE MUST BE LOADED
258	(102)	X'80'	0	WTRDLMRC	"WTRDINVO" REF CHAR MUST BE LOADED
Comment					
FIELDS FOR SECURITY INFORMATION FOR WRITERS					
End of Comment					
259	(103)	BITSTRING	1	WTRSCFLG	SECURITY FLAG BYTE
		1... ..		WTRSCGMN	"X'80" AGETMAIN FOR YSEC PERFORMED
		.1.		WTRSAFOK	"X'40" SAF AUTHORIZATION RECEIVED- 0546 DO NOT BYPASS IATOSNT 0546
Comment					
----- FULL DATA SET NAME AND SAF ENTITY NAME -----					
End of Comment					
260	(104)	BITSTRING	1	WTRDSSNL	LENGTH OF WTRDSSNF

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
261	(105)	BITSTRING	44	WTRDSDNF	MAX DATASET NAME SIZE
305	(131)	BITSTRING	1	WTRDNTNM	SAF ENTITY NAME

Comment

LOGSTR FOR IATXSEC CALLS

End of Comment

358	(166)	BITSTRING	1	WTRDGLSL	LENGTH OF WTRDGLST
359	(167)	CHARACTER	24	WTRDGLST	MAX LOGSTRING SIZE
384	(180)	ADDRESS	4	WTRDSSCA	PTR TO YPSSC CONTROL BLOCK 0357
388	(184)	SIGNED	4	WTRDFENQ	AENQ COUNT FOR FSS WRITERS
392	(188)	SIGNED	4	WTRDIDLES	Start of idle period
396	(18C)	BITSTRING	3	WTRDSDV8	RESERVED FOR DEVELOPMENT
399	(18F)	CHARACTER	80	WTRDOTOK	SECURITY TOKN OF OWNING JOB
479	(1DF)	CHARACTER	80	WTRDRDRTOK	DATA SET SECURITY TOKEN 0094
559	(22F)	BITSTRING	1	WTRDSDVS2	Reserved for Service

Comment

WTRDMSG MESSAGE TEXT=WTRDMSGO,MF=L
\$T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0

End of Comment

560	(230)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
560	(230)	ADDRESS	4	WTRDMSG	Text Address
564	(234)	BITSTRING	2		Destination Disp and Mask
566	(236)	BITSTRING	1		ACTION flag
567	(237)	ADDRESS	1		Options Flag
568	(238)	BITSTRING	2		Descriptor Codes
570	(23A)	SIGNED	2		Reserved 2 Bytes
572	(23C)	BITSTRING	17		Routing Codes
589	(24D)	BITSTRING	1	(3)	Reserved
592	(250)	BITSTRING	1	(8)	Jobid
600	(258)	BITSTRING	1	(8)	Jobname
608	(260)	BITSTRING	1	(8)	Key
616	(268)	ADDRESS	4		CNDB Address 1
620	(26C)	ADDRESS	4		CNDB Address 2
624	(270)	ADDRESS	4		CNDB Address 3
628	(274)	ADDRESS	4		CNDB Address 4
632	(278)	ADDRESS	4		CNDB Address 5
636	(27C)	ADDRESS	4		MLWO Address

Comment

IATXCNDB MF=(L,WTRDXCDB)
MACDATE -94/10/04-<3>

End of Comment

0	(0)	X'280'	0	M00M0006	"WTRDXCDB" ++ IATXCNDB NAME
640	(280)	DBL WORD	8	WTRDXCDB (0)	++ IATXCNDB PARM LIST
640	(280)	BITSTRING	1	WTRDXCDB_XVERSION	++ INPUT XVERSION
641	(281)	CHARACTER	6	WTRDXCDB_XEYECATCH	++ CONSTANT
647	(287)	BITSTRING	2	WTRDXCDB_XFLAG1	++ FIELD_LABEL
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_INITIALIZE	"B'1000000000000000" ++ XOPERATION.INITIALIZE KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_TRANSFER	"B'0100000000000000" ++ XOPERATION.TRANSFER KEYWORD

IATYWTR2 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_UPDATE	"B'0010000000000000" ++ XOPERATION.UPDATE KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_RESET	"B'0001000000000000" ++ XOPERATION.RESET KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_VERIFY	"B'0000100000000000" ++ XOPERATION.VERIFY KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_TRANSCONSID	"B'0000010000000000" ++ XOPERATION.TRANSCONSID KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_TRANSROUT	"B'0000001000000000" ++ XOPERATION.TRANSROUT KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_EXTRACTCONSID	"B'0000000100000000" ++ XOPERATION.EXTRACTCONSID KEYWORD
		1...		WTRDXCDB_XOPERATION_EXTRACTCONSNAME	"B'0000000010000000" ++ XOPERATION.EXTRACTCONSNAME KEYWORD
		.1..		WTRDXCDB_XOPERATION_EXTRACTCONSTYPE	"B'0000000001000000" ++ XOPERATION.EXTRACTCONSTYPE KEYWORD
		..1.		WTRDXCDB_XOPERATION_EXTRACTROUT	"B'0000000000100000" ++ XOPERATION.EXTRACTROUT KEYWORD
		...1		WTRDXCDB_XOPERATION_EXTRACTCART	"B'0000000000010000" ++ XOPERATION.EXTRACTCART KEYWORD
649	(289)	BITSTRING	1	WTRDXCDB_XABEND	++ INPUT
		1...		WTRDXCDB_XABEND_YES	"B'10000000" ++ XABEND.YES KEYWORD
		.1..		WTRDXCDB_XABEND_NO	"B'01000000" ++ XABEND.NO KEYWORD
650	(28A)	BITSTRING	1	WTRDXCDB_XUSERADDR	++ FIELD_LABEL
651	(28B)	CHARACTER	1	WTRDXCDB_XRSV001	++ RESERVED
652	(28C)	ADDRESS	4	WTRDXCDB_XCNDB	++
656	(290)	ADDRESS	4	WTRDXCDB_XOUTCNDB	++
660	(294)	ADDRESS	4	WTRDXCDB_XINCNDDB	++
664	(298)	ADDRESS	4	WTRDXCDB_XCONSNM	++
668	(29C)	ADDRESS	4	WTRDXCDB_XCONSID	++
672	(2A0)	ADDRESS	4	WTRDXCDB_XOUTCONSID	++
676	(2A4)	CHARACTER	2	WTRDXCDB_XRSV002	++ RESERVED
678	(2A6)	BITSTRING	1	WTRDXCDB_XFLAG2	++ FIELD_LABEL
		1...		WTRDXCDB_XCMDIND_YES	"B'10000000" ++ XCMDIND.YES KEYWORD
		.1..		WTRDXCDB_XCMDIND_NO	"B'01000000" ++ XCMDIND.NO KEYWORD
679	(2A7)	BITSTRING	1	WTRDXCDB_XKEYS	++ FIELD_LABEL
		1...		WTRDXCDB_KEYUSED_CMDIND	"B'10000000" ++ KEYUSED.CMDIND KEYWORD
680	(2A8)	ADDRESS	4	WTRDXCDB_XROUT	

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
					++
684	(2AC)	ADDRESS	4	WTRDXCDB_XCART	
					++
688	(2B0)	ADDRESS	4	WTRDXCDB_XOUTCONSNAME	
					++
692	(2B4)	ADDRESS	4	WTRDXCDB_XOUTCONSTYPE	
					++
696	(2B8)	ADDRESS	4	WTRDXCDB_XOUTROUT	
					++
700	(2BC)	ADDRESS	4	WTRDXCDB_XOUTCART	
					++
700	(2BC)	X'40'	0	WTRDXCDBL	**_WTRDXCDB" ++ LENGTH OF PLIST
Comment					
IATXCND3					
End of Comment					
704	(2C0)	SIGNED	2	WTRRSVS1	RESERVED FOR SERVICE
708	(2C4)	SIGNED	4	(0)	
708	(2C4)	BITSTRING	1	WTRDMSGI	
944	(3B0)	CHARACTER	120	WTRDMSGO	OUTPUT MESSAGE AREA
Comment					
THESE LINES DELETED BY PAR0301					
End of Comment					
1064	(428)	CHARACTER	8	WTRDODDN	OUTPUT COMPONENT DDNAME
Comment					
----- THE FOLLOWING FOUR FIELDS MUST REMAIN TOGETHER -----					
End of Comment					
1072	(430)	CHARACTER	8	WTRDTYPE (0)	OUTPUT TYPE - FROM SUPTYPE 0053
1072	(430)	CHARACTER	3	WTRDOTYP	OUTPUT COMPONENT GTYPE
1075	(433)	CHARACTER	4	WTRDOSTY	OUTPUT COMPONENT STYPE
1079	(437)	BITSTRING	1	WTRDOMOD	OUTPUT COMPONENT MODEL
Comment					
END OF RELATION FOR FIELDS WTRDTYPE -> WTRDOMOD 0					
End of Comment					
1080	(438)	CHARACTER	4	WTRDODEV	OUTPUT DEVICE NUMBER
1080	(438)	X'439'	0	WTRDODV3	"WTRDODEV+1,3" 3 DIGIT PORTION OF DEVICE NUMBER WTRDODEV
Comment					
\$SK = ENF58CK HJS7708 020916 ID1RS: z 1.5.0					
IATXOSEN MF=L					
End of Comment					
1084	(43C)	SIGNED	4	WTRXOSEN (0)	List form
1084	(43C)	ADDRESS	4		CTOKEN address
1088	(440)	ADDRESS	4		New client token address
1092	(444)	ADDRESS	4		Address of system hold reason
1096	(448)	ADDRESS	4		Address of reason text
1100	(44C)	ADDRESS	4		Address of checkpoint data

IATYWTR2 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
<p>When ENF58 signal is issued for non-FSS writers, the following fields will have the checkpointed copy, record and page counts. The following three fields must always be together. The 12 byte area will be passed in the CHK= parameter on the IATXOSEN macro while issuing the checkpoint ENF58 signal.</p>					
End of Comment					
1104	(450)	BITSTRING	12	WTROCHK (0)	
1104	(450)	SIGNED	4	WTROCOPY	Copy count
1108	(454)	SIGNED	4	WTROREC	Record count
1112	(458)	SIGNED	4	WTROPAGE	Page count (not used for line mode printers)
1116	(45C)	BITSTRING	1	WTRDFLGO	OUTPUT COMPONENT FLAG BYTE
Comment					
DEFINITION OF WTRDFLGO					
End of Comment					
		1... ..		WTRORJCT	"X'80" ONLY ALLOW ONE OPER COMMAND
		.1.. ..		WTROCLOS	"X'40" PERFORM JESCLOSE ONLY \$\$\$
		..1.		WTROREAL	"X'20" LABEL=REAL ON IATXOSOO LABEL=FINAL ON IATXOSCO
		..1.		WTRORTRUN	"X'20" TRUNC=YES ON IATXOSP
		...1		WTRORLBL	"X'10" SETUP CALL
		.... 1...		WTRORVOL	"X'08" GENERATE VOL LABEL
1116	(45C)	X'8'	0	WTRORCONS	"WTRORVOL" SUSPEND FOR CONSOLE OUT
		.... .1..		WTRORDS	"X'04" GENERATE DS LABEL
		.... .1.		WTRORREG	"X'02" PARMS ARE IN REG
		.... ...1		WTRORNNP	"X'01" NEWPAGE=NO ON IATXOSOO
		.... ...1		WTRORLIST	"X'01" PARMS ARE IN LIST (IATXOSP)
1117	(45D)	BITSTRING	3	WTRORSVD9	RESERVED FOR DEVELOPMENT
1120	(460)	BITSTRING	6	WTRRSWBF	M.R FOR SWB IN STG- WTRRSWBP
1128	(468)	SIGNED	4	WTRRSWBP	ADDRESS OF SWB POINTER LIST D015 FOR SMF6 MAPPED BY IEFSJTRP D015
1132	(46C)	SIGNED	2	WTRRSWBN	NUMBER OF SWB POINTERS IN D015 WTRRSWBP LIST D015
1134	(46E)	SIGNED	2	WTRRSWBSZ	TOTAL SIZE OF SWBTU POINTED D015 TO BY WTRRSWBP LIST D015
1136	(470)	CHARACTER	8	WTRRTIME	PRINTER START TIME IN EBCDIC
1144	(478)	SIGNED	4	WTRRDATE	PRINTER START DATE IN JULIAN
1148	(47C)	CHARACTER	8	WTRRTUSID	TSO USERID
1156	(484)	ADDRESS	4	WTRRDSUPO	OUTPUT SUPUNITS ADDRESS
1160	(488)	CHARACTER	8	WTRRDIDDN	INPUT COMPONENT DDNAME
1168	(490)	CHARACTER	3	WTRRDITYP	INPUT COMPONENT GTYPE
1171	(493)	CHARACTER	4	WTRRDISTY	INPUT COMPONENT STYPE
1175	(497)	BITSTRING	1	WTRRDIMOD	INPUT COMPONENT MODEL
1176	(498)	CHARACTER	3	WTRRDIDEV	INPUT DEVICE ADDRESS
1179	(49B)	BITSTRING	1	WTRRDFLGI	INPUT COMPONENT FLAG BYTE
Comment					
DEFINITION OF WTRRDFLGI					
End of Comment					

Offsets		Type/Value 1...	Len	Name (Dim) WTRSTACC	Description
Dec	Hex				
		.1..		WTRENFDS	"X'40" Issue ENF signal for non-FSS writer data set selection
		..1.		WTRWOSE	"X'20" Need to release WOSE
1186	(4A2)	SIGNED	2	WTRRSVD1	RESERVED FOR DEVELOPMENT
1188	(4A4)	ADDRESS	4	WTRDFAIL	DUMP/RETURN ROUTINE ADDRESS
1192	(4A8)	ADDRESS	4	WTRDSUPI	INPUT SUPUNITS ADDRESS
1196	(4AC)	SIGNED	4	WTRDRSV5	RESERVED FOR SERVICE
1200	(4B0)	ADDRESS	4	WTRDINTS	INTERVENTION REQ. SUPUNITS
1204	(4B4)	SIGNED	4	WTRDRCD5	OUTPUT RECORD COUNT
1208	(4B8)	SIGNED	4	WTRCRDS	OUTPUT RECD CONT FOR INQUIRY
1212	(4BC)	SIGNED	4	WTRDPGCT	OUTPUT PAGE COUNT
1216	(4C0)	ADDRESS	4	IATXOSOO	OUTPUT COMPONENT OPEN ADDR.
1220	(4C4)	ADDRESS	4	IATXOSP	OUTPUT COMPONENT PUT ADDR.
1224	(4C8)	ADDRESS	4	IATXOSCO	OUTPUT COMPONENT CLOSE ADDR.
1228	(4CC)	ADDRESS	4	WTRDCLR	OUTPUT BUFFER-CLEARING RTN.
1228	(4CC)	X'4CC'	0	WTRFCPER	"WTRDCLR" FSS WTR CHKPOINT ERROR RTN.
1232	(4D0)	ADDRESS	4	IATXOSOI	INPUT COMPONENT OPEN ADDR.
1236	(4D4)	ADDRESS	4	IATXOSG	INPUT COMPONENT GET ADDR.
1240	(4D8)	ADDRESS	4	IATXOSCI	INPUT COMPONENT CLOSE ADDR.
1244	(4DC)	ADDRESS	4	WTRDCDEP	OUTPUT COMPONENT CDE
1248	(4E0)	ADDRESS	4	WTRDAREA	OUTPUT COMPONENT AREA
1252	(4E4)	CHARACTER	8	WTRDONAM	OUTPUT COMPONENT MODULE NAM
1244	(4DC)	ADDRESS	4	WTRFRSV1	RESERVED FOR FSS DEVELOPMNT
1248	(4E0)	ADDRESS	4	WTRFSETE	IATOSFD MSG RTN FOR DEVICE FAILURE WITH ETE BIT SET ADDRESS (LABEL: OFDFE000)
1252	(4E4)	ADDRESS	4	WTRFINEP	FSS WTR INIT ENTRY POINT
1260	(4EC)	ADDRESS	4	WTRDICDE	INPUT COMPONENT CDE ADDR.
1264	(4F0)	ADDRESS	4	WTRDIARE	INPUT COMPONENT AREA
1268	(4F4)	CHARACTER	8	WTRDINAM	INPUT COMPONENT NAME
1260	(4EC)	ADDRESS	4	WTRFGDEP	FSS WTR GETDS ENTRY POINT
1264	(4F0)	ADDRESS	4	WTRFRDEP	FSS WTR RELDS ENTRY POINT
1268	(4F4)	ADDRESS	4	WTRFTEEP	FSS WTR TERM ENTRY POINT
1276	(4FC)	ADDRESS	4	WTRMPEPT	IATOSMP MODULE ENTRY POINT
1280	(500)	ADDRESS	4	WTRDRFOR	IATOSMP FCB MAPPING ROUTINE ADDRESS (LABEL: OSMRFOR)
1284	(504)	ADDRESS	4	WTRDQMSG	IATOSFD DEQUE ACTIVE MSG RTN#587 ADDRESS (LABEL: OFDDQMSG) #587
1288	(508)	ADDRESS	4	WTRDNAME	IATOSWC DDNAME RETRVAL RTN ADDRESS (LABEL: OSDPOINT)
1292	(50C)	ADDRESS	4	WTRDSTUP	IATOSWC SETUP CHECK ROUTINE ADDRESS (LABEL: OSWCSTUP)
1296	(510)	ADDRESS	4	WTRDWAIT	IATOSWC WAITING WORK MSG RTN ADDRESS (LABEL: OSWCWAIT)
1300	(514)	ADDRESS	4	WTRDMDDS	IATOSWC MAN/DIAG MODE MSG RTN ADDRESS (LABEL: OSWCMDDS)
1304	(518)	ADDRESS	4	WTRDMDD2	IATOSWC MAN/DIAG MODE MSG RTN 2 (LABEL: OSWCMDD2)
1308	(51C)	ADDRESS	4	WTRDDIAG	IATOSWC DIAGNOSTIC MSG ROUTN ADDRESS (LABEL: OSWCDIAG)
1312	(520)	ADDRESS	4	WTRDDSER	IATOSWC DIAGNOSTIC MSG ROUTN ADDRESS (LABEL: OSWCDSER)
1316	(524)	ADDRESS	4	WTRDSNAM	IATOSWC DSNAME CREATE RTN ADDRESS (LABEL: OSWCDSNM)
1320	(528)	ADDRESS	4	WTRDFDJD	FIND JESNEWS SUBROUTINE 2633
1324	(52C)	ADDRESS	4	WTRDRLJD	RELEASE JESNEWS SUBROUTINE 2633
1328	(530)	ADDRESS	4	WTRDPPSR	COMMAND PROCESSOR PPQ SYNCH ROUTINE ADDRESS (LABEL: OSMPSYNC)
1332	(534)	ADDRESS	4	WTRDMSGR	COMMAND PROCESSOR MESSAGE ROUTINE ADDRESS (LABEL: OSMPPMSG) 0084
1332	(534)	X'0'	0	WTRDMGNA	"0" NON-ACTION MESSAGE (R1 VALUE TO OSMPPMSG ABOVE 0084)
1332	(534)	X'1'	0	WTRDMGAC	"1" ACTION MESSAGE (R1 VALUE TO OSMPPMSG ABOVE 0084)

IATYWTR2 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1336	(538)	ADDRESS	4	WTRDCTAD	COMMAND PROCESSOR PARAMETER TABLE ADDRESS (LABEL: OSMPTBL1)
1340	(53C)	ADDRESS	4	WTRFSAFL	IATOSFD FSA FAILURE MSG RTN ADDRESS (LABEL: OFDFS000)
1344	(540)	ADDRESS	4	WTRDLGCR	LOGSTR CREATE ROUTINE ADDR 0391 (LABEL: OSWCLGCR) 0391
1348	(544)	ADDRESS	4	WTROWTRX	WRITER EXTENSION ADDRESS
1352	(548)	ADDRESS	4	WTROCDEP	JDE ADDRESS FOR IATODPX
1356	(54C)	SIGNED	4	WTRDFSID (0)	FUNCTIONAL SUBSYSTEM ID
1356	(54C)	SIGNED	2	WTRDFSS	FSS PORTION OF FSID
1358	(54E)	SIGNED	2	WTRDFSA	FSA PORTION OF FSID
1360	(550)	CHARACTER	8	WTRFSSNM	FSS NAME FOR THIS FSS
1368	(558)	CHARACTER	8	WTRFMID	FSS RELDS INCOMPLETE/DATA- SET UNPRINTABLE MSG TEXT

Comment

FIRST BYTE OF WTRFMID = X'00' - NO MSG TEXT AVAIL
NOT X'00' - FSA RELDS INCOM/UNPRT

End of Comment

1376	(560)	ADDRESS	4	WTRFSSAD	FSS TABLE ENTRY ADDRESS
1380	(564)	ADDRESS	4	WTRFSAAD	FSA TABLE ENTRY ADDRESS
1384	(568)	ADDRESS	4	WTRFMPAD	FSS PROCESSOR MPC ENTRY AD
1388	(56C)	SIGNED	4	WTRFSTAR	CURRENT FSS/FSA STAGING AREA
1392	(570)	SIGNED	4	WTRFSV10	SAVE AREA USED BY IATXPQD ON INTERNAL CALLS
1396	(574)	BITSTRING	1	WTRFGDRN	HOLD REASON IF WTRFDSUP ON
1397	(575)	BITSTRING	1	WTRFRFCFM	Data set record format (Bit definitions same as JFCRECFM in the JFCB)
1398	(576)	SIGNED	2	WTRFRECL	Maximum data set record length
1400	(578)	SIGNED	4	WTRRSVD6 (2)	RESRVD FOR NON-FSS DEVLPMNT
1408	(580)	SIGNED	4	WTRXCPDS	NUMBER OF SKIPPED CPDS RECORDS FOR THIS DATA SET
1412	(584)	SIGNED	4	WTRXLMSD	NUMBER OF TRUNCATED LINE MODE SPANNED RECORDS FOR THIS DATA SET
1416	(588)	SIGNED	4	WTRFSYWM	DOMID FOR DATASET SYNCHRONIZATION
1420	(58C)	SIGNED	4	WTRFSWRK	FSS WORK AREA
1424	(590)	SIGNED	4	WTRFRSVD (2)	RESERVED FOR DEVELOPMENT
1432	(598)	SIGNED	4	WTRF3MSG	DOMID FOR MESSAGE IAT4730
1436	(59C)	SIGNED	4	WTRFRSVS (3)	RESERVED FOR SERVICE
1448	(5A8)	ADDRESS	4	WTRSPPAD	SET PRINT PARM ADDRESS
1452	(5AC)	SIGNED	4	WTRFRSVU (5)	RESERVED FOR USER

Comment

BEGINNING OF AREA DUMPED IN MESSAGE IAT7060 AFTER
WTRINDX BY SPECIFYING THE 'D' PARAMETER ON AN X,
R, OR C COMMAND FOR WRITERS IN FSS MODE.

End of Comment

1472	(5C0)	BITSTRING	1	WTRFFLG1	FSS WTR FLAG
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Comment

DEFINITION OF WTRFFLG1

End of Comment

1...	WTRFMFSS	"X'80"	THIS IS A FSS WRITER
.1..	....	WTRFFSS	"X'40"	THIS WTR SUPPORTS A FSS
..1.	....	WTRFFSA	"X'20"	THIS WTR SUPPORTS A FSA
...1	....	WTRFFSSA	"X'10"	FSS IS ACTIVE
....	1...	WTRFFSAA	"X'08"	FSA IS ACTIVE
....	.1..	WTRFRESP	"X'04"	ORDER RESPONSE PENDING

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... ..1.... ...1		WTRFMPER WTRFNCKP	"X'02" OSMP IN CMD ERROR PROCESSING "X'01" NEW CHECKPOINT BUFFER W/O SPOOL ADDRESS
1473	(5C1)	BITSTRING	1	WTRFFLG2	FSS WTR FLAG
Comment					
----- DEFINITION OF WTRFFLG2 -----					
End of Comment					
		1... .... .1..		WTRFMPDL WTRFISET	"X'80" ADELETE MODULE IATOSMP "X'40" SETUP TO COMPLTE PROCESSING (I.E. FSI INTRVENTION ORDER SENT TO FSA BY IATOSFS AND RESPONSE HAS NOT BEEN RECEIVED OR PROCESSED)
		..1. .... ...1		WTRFFSRC WTRFUIR	"X'20" OSFS RECEIVED REJECT COMMAND "X'10" UPDATE INTERVENTION REQUIRED
Comment					
EQU X'08' RESERVED FOR DEVELOPMENT					
End of Comment					
		.... ..1.. .... ...1.		WTRFPORQ WTRFDUMP	"X'04" POST FOR GETDS REQUIRED "X'02" OPERATOR REQUESTED DUMP DURING FAILSOFT - ABEND FSS ADDRESS SPACE WITH DUMP
1474	(5C2)	.... ...1 BITSTRING	1	WTRFRCUR WTRFFLG3	"X'01" FAILSOFT RECURSION FSS WTR FLAG
Comment					
----- DEFINITION OF WTRFFLG3 -----					
End of Comment					
		1... .... .1.. .... ..1. .... ...1		WTRFGTRL WTRFTREQ WTRFSVAL WTRFSMSG	"X'80" RELEASE WTR'S PENDING OSES "X'40" SET ORDER REQUIRED "X'20" DS VALIDATION ON SYNC REQ'D "X'10" WTRIOSE has job name and number for IAT7089 msg
		.... 1... .... ..1.. .... ...1. .... ...1		WTRFDRET WTRFDSUP WTRFSARS WTRFDVRS	"X'08" OSMP RETURN W/OUT CMD IMPL "X'04" WTRFDSAD DS UNPRINTABLE BY FSS "X'02" FSA RESTART REQUESTED "X'01" DEVICE IS TO BE RESTARTED
1475	(5C3)	.... ...1 BITSTRING	1	WTRFFLG4	FSS WTR FLAG
Comment					
----- DEFINITION OF WTRFFLG4 -----					
End of Comment					
		1... .... .1.. .... ..1.		WTRFDCPI WTRFRSCD WTRFJTRL	"X'80" WTRFDSAD DS CHKPOINT INVALID "X'40" RELDS INCOMPLETE RECEIVED "X'20" JOB TRAILER WAS SPECIFIED ON SYNCH ORDER TO DEVICE
		...1 1... .... ..1.. .... ...1.		WTRFJNDS WTRFJNNX WTRFCLR WTRFFAIL	"X'10" JESNEWS BEING SELECTED 2633 "X'08" JESNEWS TO BE SENT NEXT 2633 "X'04" PDQ CLEAR IN PROGRESS "X'02" FSS AND WRITER TO TERMINATE #245

IATYWTR2 Map

Offsets		Type/Value.... ...1	Len	Name (Dim) WTRFDOSU	Description "X'01" UPDATE DOSE ON PDQWOSWR 3339
Dec	Hex				

Comment

END OF THIS AREA DUMPED BY SPECIFYING THE D PARAMETER ON AN X, S, R, OR C COMMAND FOR FSS MODE WRITERS. (SEE WTRFFLG5)

THE FOLLOWING FIVE FIELDS IDENTIFY THE JOB IN PROGRESS AT THE CHANNEL INTERFACE. FOR NON-CHANNEL-ORIENTED OUTPUT DEVICE (E.G. 3800) OR A DEVICE DRIVEN BY AN FSS, THEY MAY NOT PERTAIN TO THE SAME JOB AT THE TRANSFER STATION OR STACKER AS IDENTIFIED BY THE ACTIVE RESQUEUE IN FCTRQAD. INITIALLY, WE COULD HAVE BOTH THE FCTRQAD AND THE FOLLOWING FIVE FIELDS IDENTIFYING THE SAME JOB. AS THE JOB PROGRESSES THROUGH THE CHANNEL THE WRITER COULD START TO BRING IN THE NEXT JOB AND UPDATE THE VALUES OF THE FOLLOWING FIVE FIELDS. THE FIELD FCTRQAD DIDN'T GET UPDATED UNTIL THE FIRST UNIT OF THE NEXT JOB IS READY TO BE STACKED. THUS, WE HAVE A SMALL WINDOW HERE WHERE WE HAVE THE FCTRQAD AND THE FOLLOWING FIELDS POINTING TO DIFFERENT JOBS.

End of Comment

1476	(5C4)	CHARACTER	24	WTRDDSN	DATASET NAME IN PROGRESS
1500	(5DC)	CHARACTER	8	WTRDJNAM	JOB NAME IN PROGRESS
1508	(5E4)	CHARACTER	8	WTRDJID	JOB ID IN PROGRESS
1516	(5EC)	ADDRESS	4	WTRDRSQ	RQ ADDR FOR CURRENT JOB
1520	(5F0)	CHARACTER	8	WTRDYNAM	JOB ID FOR DYNAMIC WTR

Comment

 FIELDS USED BY THE PENDING DATA SET QUEUE
 MANAGER (IATOSFP)

End of Comment

1528	(5F8)	ADDRESS	4	WTRFDSAD	DATA SET ID ADDRESS FOR AN FSS WRITER
1532	(5FC)	ADDRESS	4	WTRFPDQF	ADDR OF FIRST (OLDEST) PDQ ENTRY (0 IF QUEUE EMPTY) MAINTAINED BY OSFP
1536	(600)	ADDRESS	4	WTRFPDQL	ADDR OF LAST (NEWEST) PDQ ENTRY (0 IF QUEUE EMPTY) MAINTAINED BY OSFP
1540	(604)	ADDRESS	4	WTRFPDQC	ADDR OF CURRENT (CHANNEL) PDQ. ZERO IF NO DS SELECTD MAINTAINED BY OSFP
1544	(608)	ADDRESS	4	WTRFRSVX	RESERVED FOR DEVELOPMENT
1548	(60C)	ADDRESS	4	WTRFPDQS	ADDR OF 'SYNCHED TO' PDQ IATXPdq TYPE=PDQSYNCH SETS MAINTAINED BY OSMP+OSFM

Comment

 FIELDS USED BY PENDING PAGE QUEUE MANAGER (IATOSWP)

End of Comment

1552	(610)	ADDRESS	4	WTROPPQF	ADDR OF FIRST (OLDEST) PPQ ENTRY (0 IF QUEUE EMPTY)
1556	(614)	ADDRESS	4	WTROPPQN	ADDR OF PPQ ENTRY FOR NEXT PAGE EXPECTED TO BE STACKED (0 IF NO EXPECTED PAGE IS IN PRINTER)
1560	(618)	ADDRESS	4	WTROPPQL	ADDR OF LAST (NEWEST) PPQ ENTRY (0 IF QUEUE EMPTY)

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1564	(61C)	SIGNED	4	WTRDCUPG	NUM OF PAGES INTO CURRENT TRANSMISSION. DECREASED FOR BACKSP, INCREASED FOR PRINTING & FORWARD SPACE
1568	(620)	SIGNED	4	WTRDCTPG	NUMBER OF PAGES IN A COMPLETE TRANSMISSION OF THE CURRENT DATA SET. ZERO WHEN THE FIRST TRANSMISSION HAS NOT COMPLETED.
1572	(624)	SIGNED	2	WTRICURR	OFFSET WITHIN WOSE BUFFER TO CURRENT DATA SET BEING PROCESSED AT THE CHANNEL
1574	(626)	SIGNED	2	WTROLRCL	Original logical record length of a record
1576	(628)	BITSTRING	1	WTRDPSTF	WRITER POST FLAG BYTE

Comment

 DEFINITION OF WTRDPSTF
 FLAGS SHOULD BE UPDATED UNDER NUC TASK ONLY

End of Comment

		1... ..		WTRDCMDQ	"X'80" OPERATOR COMMAND QUEUED FOR FCT
		.1.. ..		WTRDSPRT	"X'40" SETPRINT COMPLETE
		..1.		WTRI7030	"X'20" MSG IAT7030 REPLIED TO BY OP
		...1		WTRISTAR	"X'10" COMMAND IS A START COMMAND
		.... 1..		WTRDSADD	"X'08" SETPRT TYPE=ADD ISSUED
		.... .1..		WTRDRCER	"X'04" SETPRT RECURSIVE ERROR IND
		.... ..1.		WTRDTMOT	"X'02" Writer timed out while waiting for work
		.... ...1		WTRDOFLG	"X'01" WORK AVAILABLE
1577	(629)	BITSTRING	1	WTRDMSAV	SAVE AREA FOR TASK MODE
1578	(62A)	BITSTRING	1	WTRSPFLG	SPANNED DATA FLAGS

Comment

 DEFINITION OF WTRSPFLG
 THE FLAGS ARE USED TO INDICATE THE TYPE OF DATA
 PASSED TO NETWORKING MODULE IATOSNJ

End of Comment

1578	(62A)	X'0'	0	WTRNOSPN	"FCTNOSPN" LOGICAL RECRD IS NOT SPANNED
1578	(62A)	X'80'	0	WTRSPAN	"FCTSPAN" SPANNED DATA PRESENT
1578	(62A)	X'C0'	0	WTRSPFIR	"FCTSPFIR" FIRST 'RECORD SECTION'
1578	(62A)	X'80'	0	WTRSPNTH	"FCTSPNTH" NTH 'RECORD SECTION'
1578	(62A)	X'A0'	0	WTRSPPLST	"FCTSPPLST" LAST 'RECORD SECTION'
1579	(62B)	BITSTRING	1	WTRFWOSU	OSFP WOSE UPDATE RTN FLAG
1580	(62C)	SIGNED	2	WTRSRNLN	SPANNED RECORD LENGTH

Comment

BEGINNING OF AREA DUMPED IN MESSAGE IAT7060 AFTER
 WTRFFLG1 THROUGH WTRFFLG4 BY SPECIFYING THE 'D'
 PARAMETER ON AN X, S, R OR C COMMAND FOR WRITERS
 IN FSS MODE.

End of Comment

1582	(62E)	BITSTRING	1	WTRFFLG5	FSS WRITER FLAG BYTE 5
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Comment

 DEFINITION OF WTRFFLG5

End of Comment

IATYWTR2 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		1...		WTRFRSTR	"X'80" FSS WRITER TO BE RESTARTED FOLLOWING IPL OF FSS MAIN
		.1..		WTRFSTRS	"X'40" STAGING AREA RECEIVED RESENT OVER RESTART (STARSNT)
		..1.		WTRFSYWT	"X'20" WAITING FOR DATASET SYNCHRONIZATION MSG ISSUED
		...1		WTRFFRIP	"X'10" FSA RESTART IN PROGRESS
		.... 1...		WTRFJOSL	"X'08" JOB/OSE SELECTED STATUS LOCK
		.... .1..		WTRFSRS	"X'04" SPECIALIZED RESCHEDULE HAS RETURNED NAVAIL-DYNAMIC WTR
		.... ..1.		WTRFQREQ	"X'02" QUERY ORDER REQUIRED
		.... ...1		WTRFSDDN	"X'01" DDNAME TO BE FOUND IN PDQ

Comment

END OF AREA DUMPED BY SPECIFYING THE D PARAMETER ON AN X, S, R, OR C COMMAND FOR FSS MODE WRITERS.

End of Comment

1583	(62F)	BITSTRING	1	WTRFFLG6	FSS WRITER FLAG BYTE 6
------	-------	-----------	---	----------	------------------------

Comment

DEFINITION OF WTRFFLG6

THE FOLLOWING 3 BITS INDICATE THAT JES REQUESTED SETUP, BUT THE DEVICE DOES NOT SUPPORT THAT PARTICULAR INTERV.

End of Comment

		.1..		WTRDJDST	"X'40" STACKER SETUP REQUESTED(JES)
		..1.		WTRDJFLS	"X'20" FLASH SETUP REQUESTED(JES)
		...1		WTRDJFRM	"X'10" FORMS SETUP REQUESTED(JES)
1583	(62F)	X'70'	0	WTRDJFLG	"WTRDJDST+WTRDJFLS+WTRDJFRM"
		.... .1..		WTRDUDST	"X'04" STACKER UPDATE INTERV. REQ.
		.... ..1.		WTRDUFLS	"X'02" FLASH UPDATE INTERV. REQ.
		.... ...1		WTRDUFRM	"X'01" FORMS UPDATE INTERV. REQ.
1583	(62F)	X'7'	0	WTRDUFLG	"WTRDUDST+WTRDUFLS+WTRDUFRM"
1584	(630)	BITSTRING	1	WTRFFLG7	FSS WRITER FLAG BYTE 7

Comment

DEFINITION OF WTRFFLG7

End of Comment

		1...		WTRFMANU	"X'80" MANUAL MODE PRINT BUFFER PROCESSING IN PROGRESS
		.1..		WTRFGRCM	"X'40" MANUAL MODE COMMAND PROCESSING IN PROGRESS
		..1.		WTRFVOFF	"X'20" SUPUNIT VARY OFFLINE SCHEDULED
		...1		WTRFPRIM	"X'10" PARM OSE IS FOR PRIME PDQ
		.... 1...		WTRFSATM	"X'08" FSA TO TERMINATE
		.... .1..		WTRFSABN	"X'04" STOP FSA ABNORMAL FOR *FAIL 0207 OR WTR ABEND IN PROGRESS 0207
		.... ..1.		WTRICKPG	"X'02" CHECKPOINT INTERVAL IS IN PAGES
		.... ...1		WTRICKSC	"X'01" CHECKPOINT INTERVAL IS IN SECONDS
1585	(631)	BITSTRING	1	WTRFFLG8	FSS WRITER FLAG BYTE 8

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- DEFINITION OF WTRFFLG8 -----					
End of Comment					
		1...		WTRFFIT	"X'80" FSA INITIATED TERMINATION 0046
		.1...		WTRFINZ0	"X'40" NON-0 NON-TERMINAL RETURN IN INTERVENTION ORDER RESP
		..1.		WTRFCKAL	"X'20" FSS checkpoint allocated
		...1		WTRDLOCN	"X'10" WHEN ON, INDICATES DLOCON HAS BEEN ISSUED; WHEN OFF DLOCOFF IS NOT REQUIRED
		.... 1... ..		WTRFIWTO	"X'08" WTO MESSAGE HAS BEEN ISSUED
		.... .1.. ..		WTRFCLPI	"X'04" CLEAR PRINT ISSUED FOR DYNAMIC WRITER
		.... ..1. ..		WTRFCPIP	"X'02" CLEAR PRINT IN PROGRESS
		.... ...1 ..		WTRFOSDP	"X'01" A DATASET IN THIS OSE HAS BEEN MARKED PENDING
1586	(632)	BITSTRING	1	WTRFFLG9	FSS FLAG BYTE 9
----- DEFINITION OF WTRFFLG9 -----					
End of Comment					
		1...		WTRFSEET	"X'80" AN ENVIRONMENTAL TYPE ERROR (BIT RESP2ETE WAS SET IN RESPFL2) WAS RECEIVED IN RESPONSE TO A SET ORDER.
		.1...		WTRFQUET	"X'40" AN ENVIRONMENTAL TYPE ERROR WAS RECEIVED IN RESPONSE TO A QUERY ORDER.
		..1.		WTRFSYET	"X'20" AN ENVIRONMENTAL TYPE ERROR WAS RECEIVED IN RESPONSE TO A SYNCH ORDER.
		...1		WTRNOACT	"X'10" NO ACTION REQUIRED FOR THIS COMMAND
		.... 1... ..		WTRJTRNX	"X'08" Job trailer to go next
		.... .1.. ..		WTRFNDMP	"X'04" No dump of FSS required on FAILDSP
		.... ..1. ..		WTRWSPUP	"X'02" IATOSFP did an IATXOSWS GET/REL call for RQ saved in the primary WSP
		.... ...1 ..		WTRFWUAL	"X'01" Waiting for FSS to get unallocated
1587	(633)	BITSTRING	1	WTRFFLGA	FSS FLAG BYTE 10
----- DEFINITION OF WTRFFLGA -----					
End of Comment					
		1...		WTRF0FDB	"X'80" A DM656 ABEND IS NOT NEEDED FOR A ZERO WOSE FDB. THE ROUTINE CALLING PDQWOSRD WILL HANDLE IT.
		.1...		WTRFNEWS	"X'40" PDQDSEL CALL WAS MADE FOR JESNEWS DATASET
		..1.		WTRFRLTM	"X'20" RELDS timer outstanding
		...1		WTRFRVMI	"X'10" RELDS timer cancelled, may need to be reissued
		.... 1... ..		WTRFRVA3	"X'08" BIT RESERVED FOR SERVICE
		.... .1.. ..		WTRFRVA4	"X'04" BIT RESERVED FOR SERVICE
		.... ..1. ..		WTRFRVA5	"X'02" BIT RESERVED FOR SERVICE
		.... ...1 ..		WTRFRVA6	"X'01" BIT RESERVED FOR SERVICE
1588	(634)	BITSTRING	8	WTRDWSTM	WRITER START TIME (TOD)

IATYWTR2 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- 0					
----- 0					
DEFINE THE PARAMETER LIST SPACE FOR IATUX45 0					
THIS AREA IS MAPPED VIA IATYUX45. 0					
----- 0					
2 lines deleted by PQQ0002 0					
End of Comment					
1596	(63C)	BITSTRING	1	WTRFUX45	UX45 PARAMETER LIST
Comment					
----- 0					
FIELD WTRFJMRA POINTS TO THE JMR AREA THAT IS GET- 0					
MAINED IN IATOSFD. IT POINTS TO A BUFFER FOR THE 0					
COPIED JMR. UX45JMRA IS USED TO POINT TO THE JMR 0					
FOR A PARTICULAR IATUX45 CALL, OR IS 0 IF NOT AVAIL. 0					
----- 0					
End of Comment					
1632	(660)	SIGNED	4	WTRFJMRA	JMR BUFFER POINTER FOR UX45 0635
1636	(664)	SIGNED	4	WTRDRSV1 (2)	RESERVED FOR DEVELOPMENT 0002
1644	(66C)	SIGNED	4	WTRDRSV2 (5)	RESERVED FOR SERVICE
1664	(680)	SIGNED	4	WTRDRSV3	RESERVED FOR USER
Comment					

REASON CODES FOR FSS WRITER ABEND DM656 FAILURES					

End of Comment					
	....	...1		WTRFSAAC	"X'01" FSA ALREADY ACTIVE WITH A DIFFERENT WRITER FCT
	....	..1.		WTRPDQER	"X'02" ERROR RECREATING THE PDQ FOLLOWING HOTSTART
	....	..11		WTRXFSE	"X'03" ERROR RETURN CODE FROM IATXFSS TYPE=FSSSTART 0546
	....	.1..		WTRFSSSA	"X'04" INVALID STAGING AREA RECEIVED FROM FSS
	....	.1.1		WTRFSASA	"X'05" INVALID STAGING AREA RECEIVED FROM FSA
	....	.11.		WTRSPFSS	"X'06" ERROR RETURN FROM STOP FSS ORDER
	....	.111		WTRSTFSA	"X'07" ERROR RETURN FROM START FSA ORDER
	....	1...		WTRSPFSA	"X'08" ERROR RETURN FROM STOP FSA ORDER
	....	1..1		WTRSTDEV	"X'09" ERROR RETURN FROM START DEVICE ORDER
	....	1.1.		WTRSPDEV	"X'0A" ERROR RETURN FROM STOP DEVICE ORDER
	....	1.11		WTRDMPRQ	"X'0B" DUMP REQUESTED BY JES3 IN FSS ADDRESS SPACE
	....	11..		WTRSYNDV	"X'0C" ERROR RETURN FROM SYNCH #096 ORDER #096
	....	11.1		WTRSETDV	"X'0D" ERROR RETURN FROM SET #096 ORDER #096
	....	111.		WTRFGDSF	"X'0E" ERROR FOUND BY THE GETDS PROCESSOR DURING PDQ PROCESSING
	....	1111		WTRIWFIT	"X'0F" INVALID WRITER STATE FOR FSA REQUESTED TERMINATION
	...1	....		WTRNZIOR	"X'10" NON-ZERO RETURN CODE FOUND IN THE INTERVENTION ORDER RESPONSE AREA BY IATOSFS
	...1	...1		WTRQUERYF	"X'11" ERROR RETURN FROM QUERY ORDER

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		...1 ..1.		WTRGDSST	"X'12" UNEXPECTED RETURN BY SETUP PROCESSOR DURING GETDS
		...1 ..11		WTRFSNUM	"X'13" Num of GETDS extensions 0073 is null 0073
		...1 ..1..		WTRDSTQ1	"X'14" UNABLE TO PROCESS STAR - DSTQ NOT AVAILABLE (OSFD)
		...1 ..1.1		WTRDSTQ2	"X'15" UNABLE TO PROCESS STAR - DSTQ NOT AVAILABLE (OSFD)
		...1 ..11.		WTRDSTQ3	"X'16" UNABLE TO DLOCON AFTER RESTART - (OSFD) DSTQ NOT AVAILABLE
		...1 ..111		WTRDSTQ4	"X'17" FSA UNABLE TO DLOCON ON DSTQ NOT AVAILABLE (OSFI)

Comment

 THE FOLLOWING REASONS CODES HAVE BEEN USED BY APAR OY38190 FOR RELEASES SP1.3.4 - SP2.2.1 FOR FSS PROCESSING (WHICH TAKES PLACE IN THE ESA RELEASES IN MODULE IATGRFC) AND ARE THEREFORE UNAVAILABLE FOR USE IN ANY FUTURE RELEASES.
 WTRDSTQ5 EQU X'18' DLOCON FAILURE
 WTRDSTQ6 EQU X'19' DSQ UNAVAILABLE

End of Comment

		...1 1.1.		WTRP0FDB	"X'1A" A ZERO WOSE FDB IN A PDQ HAS BEEN DETECTED WHEN TRYING TO DO A WOSE READ.
		...1 1.11		WTRFENQW	"X'1B" JESNEWS AENQ count wrong
		...1 11..		WTRNSTAR	"X'1C" WTRFISSET BUT NO STAR PASSED TO OSFS IN WTRFSTAR
		...1 11.1		WTROVSTP	"X'1D" FSI extn end addr points 0073 beyond the end of SRL 0073
		...1 111.		WTRGDPDQ	"X'1E" WTRDRSQ zero during PDQ GETDS processing

Comment

 SNARJP COMMUNICATION AREA

End of Comment

1668	(684)	SIGNED	4	WTRSNREC (4)	CURRENT RECORD CHKPT INFO -- THIS INCLUDES TWO M.R SPOOL ADDRESSES & AN OFFSET FIELD (CHNSZ)
1684	(694)	SIGNED	4	WTRSCHSZ	CHAIN SIZE FOR CURR DS
1684	(694)	X'694'	0	WTRSCHFL	"WTRSCHSZ,1" CHAIN SIZE SPEC. FLAG
1684	(694)	X'695'	0	WTRSCHPG	"WTRSCHSZ+1,1" NUM OF 'PAGES' IN SNA CHAIN
1684	(694)	X'696'	0	WTRSCHLN	"WTRSCHSZ+2,1" NUMBER OF LINES IN 'PAGE'
1688	(698)	CHARACTER	8	WTRSFRRMS	FORMS REQ'D
1696	(6A0)	CHARACTER	4	WTRSUCCSO	TRAIN REQ'D
1700	(6A4)	CHARACTER	8	WTRSFRCBO	FCB REQ'D
1708	(6AC)	BITSTRING	8	WTRSCCTAB	COMPACTION TBL REQ'D
1716	(6B4)	BITSTRING	1	WTRSCOPY	COPIES REQ'D
1717	(6B5)	BITSTRING	1	WTRSRVSD	RESERVED FOR SNA
1718	(6B6)	BITSTRING	1	WTRSFGL1	PDIR /ERR FLAG

Comment

 DEFINITION OF WTRSFGL1

End of Comment

		1...		WTRSFMH2	"X'80" WORK STATION SUPPORTS PDIR
		.1..		WTRSSSEND	"X'40" SEND PDIR

IATYWTR2 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		..1.		WTRSPERR	"X'20" PERMANENT SNA ERROR
		...1		WTRSRERR	"X'10" RECOVERABLE TRANS. ERROR
		.... 1...		WTRPDIRN	"X'08" NEED TO SEND PDIR
1719	(6B7)	BITSTRING	1	WTRSFLG2	OSWD SNA FLAG

Comment

 DEFINITION OF WTRSFLG2

End of Comment

		1...		WTRSNXDS	"X'80" NEW DS DETECTED
		.1..		WTRSRST	"X'40" DS IS BEING RESTARTED
		..1.		WTRSFOCO	"X'20" FIRST OF CHAIN - WTR TAKES CHKPT
		...1		WTRSCHKT	"X'10" WTR TAKES CHKPTS ONLY ON FIRST OF CHAIN
		.... ..1.		WTRSSDEV	"X'02" WTR HAS SNA DEVICE
1720	(6B8)	BITSTRING	1	WTRSFLG3	SERVICE ROUTINE COMM. FLAG

Comment

 DEFINITION OF WTRSFLG3

End of Comment

		1...		WTRSMMSG	"X'80" MODIFY OSMP RESPONSE MSG
		.1..		WTRSPFCB	"X'40" IATXOSP IS FOR FCB LOAD
		..1.		WTRSLDEN	"X'20" LINE DENSITY REQUEST (SNA)
		...1		WTRSSUSP	"X'10" SESS. WAS SUSPENDED (OSMP)
		.... 1...		WTRSDSOP	"X'08" PDIR HAS BEEN SENT FOR DS
1724	(6BC)	SIGNED	4	(0)	
1724	(6BC)	SIGNED	4	WTRSRV1 (5)	RESERVED FOR SNA DEV
1744	(6D0)	SIGNED	4	WTRSRV2 (4)	SAVE AREA FOR JOB LINE CNT
1748	(6D4)	SIGNED	4	WTRSRV3	RESERVED FOR SNA SERVICE
1764	(6E4)	SIGNED	4	WTRSRV3	RESERVED FOR USER

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

Comment

IATYMOD BR=NO

JES3 MODULE ENTRY POINT IDENTIFIER

01 Change Activity:

\$SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0

End of Comment

0	(0)	CHARACTER	8		MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM
36	(24)	SIGNED	2		PAD

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- FULL WORD AREAS -----					
End of Comment					
40	(28)	SIGNED	4	WTRIFDMC	FIRST DMC PASSED ON IATXOSG AND STILL IN USE BY CALLER
44	(2C)	SIGNED	4	WTRICDMC	CURRENT DMC IN USE BY OSSI AND/OR BY IATXOSG CALLER
48	(30)	SIGNED	4	WTRILDMC	LAST DATA DMC VALIDITY CHECKED BY OSSI
52	(34)	SIGNED	4	WTRIDMC	END DMC - LAST DMC USED FOR A READ BY OSSI
56	(38)	SIGNED	4	WTRICRNO	CURRENT RECORD NUMBER
60	(3C)	SIGNED	4	WTRICREC	CURRENT RECORD ADDRESS
64	(40)	SIGNED	4	WTRIDATA	ADDRESS OF DAT AREA
68	(44)	SIGNED	4	WTRICLNO	Current true record number It does not include records with only immediate machine control character as a completed record
72	(48)	SIGNED	4	WTRIDATL	LENGTH OF DAT AREA
76	(4C)	SIGNED	4	WTRIDMCS	START OF DMC CHAIN USED TO FIND ALL DMCS FOR RELEASING CELLS DURING WRITER CLOSE
80	(50)	SIGNED	4	WTRIPFEC	PAGE FIX ECB
84	(54)	SIGNED	4	WTRIFDBI	ADDRESS OF FDB
88	(58)	SIGNED	4	WTRIVLID	VALIDATION VALUE 2
92	(5C)	SIGNED	4	WTRIREG0	REGISTER 0
96	(60)	SIGNED	4	WTRIREG1	REGISTER 1
100	(64)	SIGNED	4	WTRIREG2	REGISTER 2
104	(68)	SIGNED	4	WTRIREG3	REGISTER 3
108	(6C)	SIGNED	4	WTRIREGS (5)	REGISTER SAVE AREA
128	(80)	SIGNED	4	WTRIREG9	REGISTER 9
132	(84)	SIGNED	4	WTRIREGA	REGISTER 10
136	(88)	SIGNED	4	WTRIRTN	RETURN ADDRESS
140	(8C)	SIGNED	4	WTRIDEBC	DEBLOCK PARAMETERS
Comment					
----- SPOOL ADDRESSES -----					
End of Comment					
144	(90)	BITSTRING	6	WTRIFSTR	FIRST SPOOL ADDRESS
150	(96)	BITSTRING	6	WTRINXTR	NEXT SPOOL ADDRESS
156	(9C)	BITSTRING	1	WTRISNTR	SPANNED RECORD NOTE ADDRESS
Comment					
----- HALF WORD AREAS -----					
End of Comment					
162	(A2)	SIGNED	2	WTRISNTO	SPANNED RECORD NOTE OFFSET
164	(A4)	SIGNED	2	WTRIDATN	TOTAL DAT COUNT
166	(A6)	SIGNED	2	WTRINDAT	NUMBER OF FREE DATS
168	(A8)	SIGNED	2	WTRIRSET	REMAINING OUTPUT RECORDS/GRP
170	(AA)	SIGNED	2	WTRIOSET	OUTPUT RECORD GROUP SIZE
172	(AC)	SIGNED	2	WTRIISET	INPUT RECORDS/GROUP
174	(AE)	SIGNED	2	WTRIRLFT	ROOM LEFT

IATYWTR2 Map

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

FLAG BYTES					

End of Comment					
176	(B0)	BITSTRING	1	WTRIFLG1	FLAG BYTE 1
Comment					

DEFINITION OF WTRIFLG1					

End of Comment					
		1... ..		WTRIRDER	"X'80" READ ERROR
		.1.. ..		WTRIRDSU	"X'40" SUPPRESS READ AHEAD
		..1.		WTRIRPOS	"X'20" REPOSITION IN PROGRESS
		...1		WTRIPERR	"X'10" PERMANENT READ ERROR
		.... 1..		WTRIKTRK	"X'08" KNOWN GOOD SPOOL ADDRESS
		.... .1..		WTRISPLT	"X'04" SPLIT RECORD TWICE \$\$\$\$
		.... ..1.		WTRILINC	"X'02" SPANNED REC LENGTH INCOMPLTE
		.... ...1		WTRINAVR	"X'01" NAVAIL RETURN ON LAST GET
177	(B1)	BITSTRING	1	WTRCURMK	FREE MASK PASSED TO IATOSWI FROM IATOSWD.
178	(B2)	BITSTRING	1	WTRPREMK	PREVIOUS FREE MASK PASSED TO IATOSWI FROM IATOSWD.
179	(B3)	BITSTRING	1	WTRRSVD2	RESERVED FOR DEVELOPMENT
180	(B4)	BITSTRING	1	WTRDCSED (0)	END OF WORK AREA
180	(B4)	X'8C'	0	WTRDCSIZ	"WTRDCSED-WTRIFDMC" SIZE OF WORK AREA
Comment					

IATOSWI Trace					
The entries are one byte each and are arranged from left to right with the rightmost entry being the most current.					
Each byte represents the return offset upon return to the caller:					
00 - End of data return					
04 - End of file return (last record from a buffer)					
08 - NAVAIL return					
0C - Error exit					
10 - Normal exit					
The NAVAIL return is a special case: consecutive entries are not traced. Rather, a count is kept of how many times the NAVAIL return has been taken.					
Another field (WTRINVMX) keeps track of the maximum value ever reached for a data set.					
To prevent infinite loops, a timer is set for the first NAVAIL return. On each subsequent return, the timer is compared to the current timer value.					
See IATOSWI for the complete logic.					

End of Comment					
180	(B4)	CHARACTER	4	WTRITRCI	Trace ID
184	(B8)	BITSTRING	27	WTRITRCE	Trace area
211	(D3)	BITSTRING	1	WTRITRCL	Last trace entry
212	(D4)	SIGNED	4	WTRRSVS5	Reserved for service
216	(D8)	SIGNED	2	WTRINVCT	Consecutive NAVAIL count
218	(DA)	SIGNED	2	WTRINVMX	High watermark of consecutive NAVAIL count

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
220	(DC)	SIGNED	4	WTRRSVS3 (2)	RESERVED FOR SERVICE
228	(E4)	SIGNED	4	WTRRSVD3 (2)	RESERVED FOR DEVELOPMENT
236	(EC)	SIGNED	4	WTRRSVU3 (2)	RESERVED FOR USER

IATYWTR2 Cross Reference

Name

IATODSI
 IATXOSCI
 IATXOSCO
 IATXOSG
 IATXOSOI
 IATXOSOO
 IATXOSP
 M00M0006
 WTRCIMPL
 WTRCRDS
 WTRCURMK
 WTRDAREA
 WTRDATE
 WTRDCCDB
 WTRDCDEP
 WTRDCFLG
 WTRDCLR
 WTRDCMDQ
 WTRDCRVS
 WTRDCSED
 WTRDCSIZ
 WTRDCTAD
 WTRDCTPG
 WTRDCUPG
 WTRDDCDB
 WTRDDIAG
 WTRDDSER
 WTRDDSN
 WTRDDSNF
 WTRDDSNL
 WTRDFAIL
 WTRDFDYN
 WTRDFLGI
 WTRDFLGO
 WTRDFSA
 WTRDFSID
 WTRDFSS
 WTRDIARE
 WTRDICDE
 WTRDIDDN
 WTRDIDEV
 WTRDIMOD
 WTRDINAM
 WTRDINTS
 WTRDINTV
 WTRDINVO
 WTRDISTY
 WTRDITYP
 WTRDJDST
 WTRDJFLG

IATYWTR2 Cross Reference

Name

WTRDJFLS
WTRDJFRM
WTRDJID
WTRDJNAM
WTRDLDCM

WTRDL DST
WTRDLFCB
WTRDLFLS
WTRDLFRM
WTRDLGCR

WTRDLMRC
WTRDLMSG
WTRDLOCN
WTRDLUCS
WTRDMDDS

WTRDMDD2
WTRDMGAC
WTRDMGNA
WTRDMPRQ
WTRDMSAV

WTRDMSG
WTRDMSGF
WTRDMSGI
WTRDMSGO
WTRDMSGP

WTRDMSGR
WTRDM731
WTRDNAME
WTRDODDN
WTRDODEV

WTRDODV3
WTRDOFLG
WTRDOMOD
WTRDONAM
WTRDOSTY

WTRDOTOK
WTRDOTYP
WTRDPFLG
WTRDPGCT
WTRDPPSR

WTRDPSTF
WTRDQMSG
WTRDRCDS
WTRDR CER
WTRDRFOR

WTRDRLJN
WTRDRSQ
WTRDRSV1
WTRDRSV2
WTRDRSV3

WTRDRSV5
WTRDR TOK
WTRDSADD
WTRDSECA
WTRDSECT

WTRDSNAM
WTRDSPRT
WTRDSTQ1
WTRDSTQ2
WTRDSTQ3

Name

WTRDSTQ4
WTRDSTUP
WTRDSUPI
WTRDSUPO
WTRDTMEX

WTRDTMOT
WTRDTYPE
WTRDUDST
WTRDUFLG
WTRDUFLS

WTRDUFRM
WTRDWAIT
WTRDWSTM
WTRDXCDB
WTRDXCDB_KEYUSED_CMDIND

WTRDXCDB_XABEND

WTRDXCDB_XABEND_NO

WTRDXCDB_XABEND_YES

WTRDXCDB_XCART

WTRDXCDB_XCMDIND_NO

WTRDXCDB_XCMDIND_YES

WTRDXCDB_XCNDB

WTRDXCDB_XCONSID

WTRDXCDB_XCONSNM

WTRDXCDB_XEYECATCH

WTRDXCDB_XFLAG1

WTRDXCDB_XFLAG2

WTRDXCDB_XINCND

WTRDXCDB_XKEYS

WTRDXCDB_XOPERATION_EXTRACTCART

WTRDXCDB_XOPERATION_EXTRACTCONSID

WTRDXCDB_XOPERATION_EXTRACTCONSNAME

WTRDXCDB_XOPERATION_EXTRACTCONSTYPE

WTRDXCDB_XOPERATION_EXTRACTROUT

WTRDXCDB_XOPERATION_INITIALIZE

WTRDXCDB_XOPERATION_RESET

WTRDXCDB_XOPERATION_TRANSCONSID

IATYWTR2 Cross Reference

Name

WTRDXCDB_XOPERATION_TRANSFER
WTRDXCDB_XOPERATION_TRANSROUT
WTRDXCDB_XOPERATION_UPDATE
WTRDXCDB_XOPERATION_VERIFY
WTRDXCDB_XOUTCART
WTRDXCDB_XOUTCNDB
WTRDXCDB_XOUTCONSID
WTRDXCDB_XOUTCONSNAME
WTRDXCDB_XOUTCONSTYPE
WTRDXCDB_XOUTROUT
WTRDXCDB_XROUT
WTRDXCDB_XRSV001
WTRDXCDB_XRSV002
WTRDXCDB_XUSERADDR
WTRDXCDB_XVERSION

WTRDXCDBL
WTRDYNAM
WTRENFDS
WTRENTNM
WTRFKAL
WTRFCLPI
WTRFCLR
WTRFCPER
WTRFCPIP
WTRFDCPI
WTRFDOSU
WTRFDRET
WTRFDSAD
WTRFDSUP
WTRFDUMP
WTRFDVRS
WTRFENQ
WTRFENQW
WTRFFAIL
WTRFFIT
WTRFFLGA
WTRFFLG1
WTRFFLG2
WTRFFLG3
WTRFFLG4
WTRFFLG5
WTRFFLG6
WTRFFLG7
WTRFFLG8
WTRFFLG9

Name

WTRFFRIP
WTRFFSA
WTRFFSAA
WTRFFSRC
WTRFFSS

WTRFFSSA
WTRFGDEP
WTRFGDRN
WTRFGDSF
WTRFGRCM

WTRFGTRL
WTRFINEP
WTRFINZ0
WTRFISET
WTRFIWTO

WTRFJMRA
WTRFJNDS
WTRFJNNX
WTRFJOSL
WTRFJTRL

WTRFMANU
WTRFMFSS
WTRFMID
WTRFMPAD
WTRFM PDL

WTRFM PER
WTRFNCKP
WTRFNDMP
WTRFNEWS
WTRFOSDP

WTRFPDQC
WTRFPDQF
WTRFPDQL
WTRFPDQS
WTRFPORQ

WTRFPRIM
WTRFQREQ
WTRFQUET
WTRFRCFM
WTRFRCUR

WTRFRDEP
WTRFRECL
WTRFRESP
WTRFRLTM
WTRFRSCD

WTRFRSTR
WTRFRSVD
WTRFRSVS
WTRFRSVU
WTRFRSVX

WTRFRSV1
WTRFR TMI
WTRFRVA3
WTRFRVA4
WTRFRVA5

WTRFRVA6
WTRFSAAC
WTRFSAAD
WTRFSABN
WTRFSAFL

IATYWTR2 Cross Reference

Name

WTRFSARS
WTRFSASA
WTRFSATM
WTRFSDDN
WTRFSEET

WTRFSETE
WTRFSMSG
WTRFSNUM
WTRFSRS
WTRFSSAD

WTRFSSNM
WTRFSSSA
WTRFSTAR
WTRFSTAT
WTRFSTRS

WTRFSVAL
WTRFSV10
WTRFSWRK
WTRFSYET
WTRFSYWM

WTRFSYWT
WTRFTEEP
WTRFTREQ
WTRFUIR
WTRFUX45

WTRFVOFF
WTRFWOSU
WTRFWUAL
WTRF0FDB
WTRF3MSG

WTRGDPDQ
WTRGDSST
WTRICDMC
WTRICKPG
WTRICKSC

WTRICLNO
WTRICREC
WTRICRNO
WTRICURR
WTRIDATA

WTRIDATL
WTRIDATN
WTRIDEBC
WTRIDLES
WTRIDMCS

WTRIEDMC
WTRIFDBI
WTRIFDMC
WTRIFLG1
WTRIFSTR

WTRIISET
WTRIKTRK
WTRILDMC
WTRILINC
WTRINAVR

WTRINDAT
WTRINVCT
WTRINVMX
WTRINXTR
WTRIOSET

Name

WTRIPERR
 WTRIPFEC
 WTRIRCUR
 WTRIRDER
 WTRIRDSU

 WTRIREGA
 WTRIREGS
 WTRIREG0
 WTRIREG1
 WTRIREG2

 WTRIREG3
 WTRIREG9
 WTRIRLFT
 WTRIRPOS
 WTRIRSET

 WTRIRTN
 WTRISNTO
 WTRISNTR
 WTRISPLT
 WTRISTAR

 WTRITRCE
 WTRITRCI
 WTRITRCL
 WTRIVLID
 WTRIWFIT

 WTRI7030
 WTRJPDV
 WTRJTRNX
 WTRLNTRN
 WTRMPEPT

 WTRNOACT
 WTRNOSPN
 WTRNSTAR
 WTRNZIOR
 WTROCDEP

 WTOCHK
 WTOCHOR
 WTROCLOS
 WTOCONS
 WTOCOPY

 WTRODS
 WTROLBL
 WTROLGSL
 WTROLGST
 WTROLIST

 WTROLRCL
 WTRONNP
 WTROPAGE
 WTROPPQF
 WTROPPQL

 WTROPPQN
 WTROREAL
 WTROREC
 WTROREG
 WTRORJCT

 WTROTRUN
 WTROVOL
 WTROVSTP
 WTROWTRX
 WTRPDIRN

IATYWTR2 Cross Reference

Name

WTRPDQER
WTRPREMK
WTRPSSCA
WTRP0FDB
WTRQUERYF

WTRRSVD0
WTRRSVD1
WTRRSVD2
WTRRSVD3
WTRRSVD6

WTRRSVD8
WTRRSVD9
WTRRSVS0
WTRRSVS1
WTRRSVS2

WTRRSVS3
WTRRSVS5
WTRRSVU3
WTRSAFOK
WTRSCFLG

WTRSCGMN
WTRSCHFL
WTRSCHKT
WTRSCHLN
WTRSCHPG

WTRSCHSZ
WTRSCOPY
WTRSCTAB
WTRSDSOP
WTRSECPT

WTRSETDV
WTRSFBO
WTRSFGL1
WTRSFGL2
WTRSFGL3

WTRSFMH2
WTRSFOCO
WTRSFRRMS
WTRSLDEN
WTRSMMSGM

WTRSNREC
WTRSNXDS
WTRSPAN
WTRSPDEV
WTRSPERR

WTRSPFCB
WTRSPFIR
WTRSPFLG
WTRSPFSA
WTRSPFSS

WTRSPPLST
WTRSPNTH
WTRSPPAD
WTRSPREC
WTRSPERR

WTRSRNLN
WTRSRRT
WTRSRSD
WTRSRSV1
WTRSRSV2

Name

WTRRSV3
WTRSSDEV
WTRSSEND
WTRSSUSP
WTRSTACC

WTRSTART
WTRSTDEV
WTRSTFSA
WTRSUCSO
WTRSWBF

WTRSWBN
WTRSWBP
WTRSWBSZ
WTRSYNDV
WTRTIME

WTRTUSID
WTRT7008
WTRWOSE
WTRWSPUP
WTRXCPDS

WTRXFSE
WTRXLMSD
WTRXOSEN

IATYWTR3 Information

IATYWTR3 Programming Interface information

Programming Interface information

IATYWTR3

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

- | | | | |
|------------|------------|------------|------------|
| • IATXOSCI | • WTRDMSGR | • WTRFRDEP | • WTROWTRX |
| • IATXOSCO | • WTRDNAME | • WTRFSAFL | • WTRPRD14 |
| • IATXOSG | • WTRDPPSR | • WTRFSETE | • WTRPREG2 |
| • IATXOSOI | • WTRDQMSG | • WTRFSV10 | • WTRPRL14 |
| • IATXOSOO | • WTRDRFOR | • WTRFTEEP | • WTRPSAV1 |
| • IATXOSP | • WTRDRLJN | • WTRIFDBI | • WTRPSAV2 |
| • WTRDCLR | • WTRDSNAM | • WTRIFLG1 | • WTRPSAV3 |
| • WTRDCTAD | • WTRDSTUP | • WTRIPTK1 | • WTRPSAV4 |
| • WTRDDIAG | • WTRDWAIT | • WTRIPTK2 | • WTRPSM14 |
| • WTRDDSER | • WTRFCPER | • WTRIRCDS | • WTRPSSCA |
| • WTRDFAIL | • WTRFGDEP | • WTRISLEN | • WTRPSV14 |
| • WTRDFDJD | • WTRFINEP | • WTRMPEPT | • WTRPWT14 |
| • WTRDLGCR | • WTRFPDQC | • WTROCDEP | • WTRSNREC |
| • WTRDMDDS | • WTRFPDQF | • WTROPPQF | • WTRSRECN |
| • WTRDMDD2 | • WTRFPDQL | • WTROPPQL | • WTRWPRSQ |
| • WTRDMSAV | • WTRFPDQS | • WTROPPQN | |

End of Programming Interface information

Heading Information • IATYWTR3 Map

IATYWTR3 Heading Information

Common Name: WRITER WORK/CONTROL AREA
Macro ID: IATYWTR
DSECT Name: WTRDSECT, IOSB
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IATODFD, IATODPN, IATODPR, IATODSI, IATODSN, or IATODWD
 Offset: 0
 Length: 8
 Note: The Eye-Catcher will be the name of the module that expands it as a CSECT.
Storage Attributes: Auxiliary Storage: N/A
 Subpool: 251
Size: WTRDSECT - 0.2K
 IOSB - WTROODSZ
Created by: N/A
Pointed to by: R13 WHILE IN THE DRIVER OR SUPPORT MODULE WHICH IS REFERENCING IT
 ALSO:
 WTRDIARE --> INPUT AREA
 WTRDAREA --> OUTPUT AREA
Serialization: FIELDS WHICH HAVE SERIALIZED ACCESS
 WSPFDBS - BETWEEN THE WRITER AND PPQ MANAGER (I.E. ONLY ONE USER OF THE WOSE FDB)
 WTRDIEF & WTROFLGS - THE ODIEF FLAG IS USED BY THE DIE ROUTINE (IATOSDI) TO POST (VIA CS) THE SUPPORT ROUTINE (E.G. IATOSPR) WHEN AN EVENT HAS OCCURRED. THE OFLGS FIELD IS EQUATED TO THE SAME BYTE AS ODIEF.
Function: PROVIDE DATA CSECTS NEEDED BY OUTPUT SERVICE DRIVERS AND SUPPORT ROUTINES FOR OUTPUT WRITER PROCESSING

IATYWTR3 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	WTRDSECT	
0	(0)	SIGNED	4	WTRSTART (0)	DATA AREA START

Comment

IATYMOD BR=NO
 JES3 MODULE ENTRY POINT IDENTIFIER

01 Change Activity:
 \$SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0

End of Comment

0	(0)	CHARACTER	8		MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
OUTPUT SERVICE WRITER DATA AREA					

THE SECURITY PARAMETER LIST FOR WRITERS IS ANCHORED IN WTRDSECA BELOW. IT IS AGETMAINED IN IATOSWC.					

End of Comment					
36	(24)	ADDRESS	4	WTRDSECA	SECURITY DATA PARM LIST FOR IATXSEC
40	(28)	SIGNED	4	WTRSECT	SECURITY MACRO IATYSEC PTR FOR WTRPWSPA
Comment					

TRDCCDB IATYCND B DSECT=NO CALLING CONSOLE INFORMATION

IATYCND B_1.;

START OF SPECIFICATIONS

01 PROPRIETARY STATEMENT=

PROPRIETARY_STATEMENT

LICENSED MATERIALS - PROPERTY OF IBM

5647-A01 COPYRIGHT IBM CORP. 1989, 2010

STATUS= HJS7770

END_OF_PROPRIETARY_STATEMENT

This data area is maintained as a CASE mapping macro.

Changes should be made to the CASE source and then

the PLX and Assembler should be regenerated.

Do NOT make changes to the PLX or Assembler directly!

01 Descriptive Name: Console Destination Block

Acronym: CNDB

01 Macro Name: IATYCND B

01 DSECT Name: IATYCND B

--based variable for storage mapping

01 Component: JES3 (SC1BA)

01 Function:

02 The console destination block is a control block that contains information related to the destination that messages should be sent to. This control block is built as commands are entered into to the system and is used by command processors as a destination for where to return messages to. The control block is imbedded in other control blocks and the size of the data area must not change (otherwise a JES3 cold start is required). The data is referenced by non-source maintained modules, so offsets into the data area must not change.

01 Eye-Catcher: CNDBEYE

02 Offset: 4

02 Length: 4

01 Language: PL/X

01 Storage Attributes:

02 Allocation Method: Imbedded within other control blocks

02 Main Storage: 94

IATYWTR3 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
02 Virtual Storage: 94					
02 Auxiliary Storage: 94					
02 Subpool: n/a					
02 Key: 1					
02 Data Space: N/A					
02 Residency: any					
02 Frequency: n/a					
02 Size: 94					
02 Created by: n/a					
02 Deleted by: n/a					
02 Pointed to by: Imbedded within other control blocks					
02 Serialization: none					
01 EXTERNAL CLASSIFICATION: DMTI					
01 END OF EXTERNAL CLASSIFICATION:					
01 Method Of access:					
02 ASM: IATYCNDB					
02 PLX: %INCLUDE SYSLIB(IATYCNDB)					
01 CHANGE ACTIVITY:					
\$QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support					
\$RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init					
\$T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0					
CASE/390 - VERSION 49					
END OF SPECIFICATIONS					
%					

					End of Comment
44	(2C)	SIGNED	4	WTRDCCDB (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

TRDDCDB IATYCNDB DSECT=NO DEVICE RELATED CONSOLE INFORMATION

```

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
  
```


Offsets

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

--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
140	(8C)	SIGNED	4	WTRDDCDB (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 INFORMATION

Comment

 DEFINITION OF WTRDCFLG

					End of Comment
234	(EA)	BITSTRING	1	WTRDCFLG	OUTPUT SERVICE WRITER FLAG
		1... ..		WTRDCRVS	"X'80" Reserved for service

IATYWTR3 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
THIS LINE DELETED BY APAR OW22430					
End of Comment					
235	(EB)	BITSTRING	1	WTRRSVD0	RESERVED FOR DEVELOPMENT
236	(EC)	BITSTRING	1	WTRDMSGF	MESSAGE FLAGS
Comment					
----- DEFINITION OF WTRDMSGF -----					
End of Comment					
		1... ..		WTRDMSGP	"X'80" COMMAND PENDING IN WTRDMSGI
		.1.		WTRDINTV	"X'40" INTERVENTION REQUIRED PEND.
		..1.		WTRDTMEX	"X'20" TIMER HAS EXPIRED
		...1		WTRIRCUR	"X'10" FAILSOFT RECURSION
		.... 1...		WTROCHOR	"X'08" OUTPUT DEV IS CHAN-ORIENTED
		.... .1..		WTRJPDV	"X'04" RJP DEVICE
		.... ..1.		WTRLNTRN	"X'02" RJP LINE TURNAROUND
		.... ...1		WTRFSTAT	"X'01" FSS CONTROLLER POST REQUEST 1
237	(ED)	BITSTRING	1	WTRDM731	IATOSSI DM731 footprint
238	(EE)	SIGNED	2	WTRRSVS0	RESERVED FOR SERVICE
240	(F0)	CHARACTER	8	WTRCIMPL	COMMAND IMPLEMENTATION MOD
248	(F8)	CHARACTER	10	WTRT7008	TEXT FOR IAT7008
258	(102)	BITSTRING	1	WTRDPFLG	PARAMETER FLAGS
Comment					
----- DEFINITION OF WTRDPFLG -----					
End of Comment					
		1... ..		WTRDINVO	"X'80" INVALID CONTROL CHARACTER.
		.1.		WTRDLMSG	"X'40" LOAD MESSAGE REQUIRED
		..1.		WTRDLDCM	"X'20" COPY MOD MUST BE LOADED
		...1		WTRDLNST	"X'10" STACKER MUST BE CHANGED
		.... 1...		WTRDLFLS	"X'08" FLASH MUST BE CHANGED
		.... .1..		WTRDLFRM	"X'04" FORMS MUST BE LOADED
		.... ..1.		WTRDLUCS	"X'02" UCS MUST BE LOADED
		.... ...1		WTRDLFCB	"X'01" FCB/TAPE MUST BE LOADED
258	(102)	X'80'	0	WTRDLMRC	"WTRDINVO" REF CHAR MUST BE LOADED
Comment					
FIELDS FOR SECURITY INFORMATION FOR WRITERS					
End of Comment					
259	(103)	BITSTRING	1	WTRSCFLG	SECURITY FLAG BYTE
		1... ..		WTRSCGMN	"X'80" AGETMAIN FOR YSEC PERFORMED
		.1.		WTRSAFOK	"X'40" SAF AUTHORIZATION RECEIVED- 0546 DO NOT BYPASS IATOSNT 0546
Comment					
----- FULL DATA SET NAME AND SAF ENTITY NAME -----					
End of Comment					
260	(104)	BITSTRING	1	WTRDSSNL	LENGTH OF WTRDSSNF

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
261	(105)	BITSTRING	44	WTRDLSNF	MAX DATASET NAME SIZE
305	(131)	BITSTRING	1	WTRNTNM	SAF ENTITY NAME

Comment

LOGSTR FOR IATXSEC CALLS

End of Comment

358	(166)	BITSTRING	1	WTRDLSNF	LENGTH OF WTRDLSNF
359	(167)	CHARACTER	24	WTRDLSNF	MAX LOGSTRING SIZE
384	(180)	ADDRESS	4	WTRDLSNF	PTR TO YPSSC CONTROL BLOCK 0357
388	(184)	SIGNED	4	WTRDLSNF	AENQ COUNT FOR FSS WRITERS
392	(188)	SIGNED	4	WTRDLSNF	Start of idle period
396	(18C)	BITSTRING	3	WTRDLSNF	RESERVED FOR DEVELOPMENT
399	(18F)	CHARACTER	80	WTRDLSNF	SECURITY TOKN OF OWNING JOB
479	(1DF)	CHARACTER	80	WTRDLSNF	DATA SET SECURITY TOKEN 0094
559	(22F)	BITSTRING	1	WTRDLSNF	Reserved for Service

Comment

WTRDMSG MESSAGE TEXT=WTRDMSGO,MF=L
\$T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0

End of Comment

560	(230)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
560	(230)	ADDRESS	4	WTRDMSG	Text Address
564	(234)	BITSTRING	2		Destination Disp and Mask
566	(236)	BITSTRING	1		ACTION flag
567	(237)	ADDRESS	1		Options Flag
568	(238)	BITSTRING	2		Descriptor Codes
570	(23A)	SIGNED	2		Reserved 2 Bytes
572	(23C)	BITSTRING	17		Routing Codes
589	(24D)	BITSTRING	1	(3)	Reserved
592	(250)	BITSTRING	1	(8)	Jobid
600	(258)	BITSTRING	1	(8)	Jobname
608	(260)	BITSTRING	1	(8)	Key
616	(268)	ADDRESS	4		CNDB Address 1
620	(26C)	ADDRESS	4		CNDB Address 2
624	(270)	ADDRESS	4		CNDB Address 3
628	(274)	ADDRESS	4		CNDB Address 4
632	(278)	ADDRESS	4		CNDB Address 5
636	(27C)	ADDRESS	4		MLWO Address

Comment

IATXCNDB MF=(L,WTRDXCDB)
MACDATE -94/10/04-<3>

End of Comment

0	(0)	X'280'	0	M00M0054	"WTRDXCDB" ++ IATXCNDB NAME
640	(280)	DBL WORD	8	WTRDXCDB (0)	++ IATXCNDB PARM LIST
640	(280)	BITSTRING	1	WTRDXCDB_XVERSION	++ INPUT XVERSION
641	(281)	CHARACTER	6	WTRDXCDB_XEYECATCH	++ CONSTANT
647	(287)	BITSTRING	2	WTRDXCDB_XFLAG1	++ FIELD_LABEL
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_INITIALIZE	"B'1000000000000000" ++ XOPERATION.INITIALIZE KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_TRANSFER	"B'0100000000000000" ++ XOPERATION.TRANSFER KEYWORD

IATYWTR3 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_UPDATE	"B'0010000000000000" ++ XOPERATION.UPDATE KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_RESET	"B'0001000000000000" ++ XOPERATION.RESET KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_VERIFY	"B'0000100000000000" ++ XOPERATION.VERIFY KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_TRANSCONSID	"B'0000010000000000" ++ XOPERATION.TRANSCONSID KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_TRANSROUT	"B'0000001000000000" ++ XOPERATION.TRANSROUT KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_EXTRACTCONSID	"B'0000000100000000" ++ XOPERATION.EXTRACTCONSID KEYWORD
		1...		WTRDXCDB_XOPERATION_EXTRACTCONSNAME	"B'0000000010000000" ++ XOPERATION.EXTRACTCONSNAME KEYWORD
		.1..		WTRDXCDB_XOPERATION_EXTRACTCONSTYPE	"B'0000000001000000" ++ XOPERATION.EXTRACTCONSTYPE KEYWORD
		..1.		WTRDXCDB_XOPERATION_EXTRACTROUT	"B'0000000000100000" ++ XOPERATION.EXTRACTROUT KEYWORD
		...1		WTRDXCDB_XOPERATION_EXTRACTCART	"B'0000000000010000" ++ XOPERATION.EXTRACTCART KEYWORD
649	(289)	BITSTRING	1	WTRDXCDB_XABEND	++ INPUT
		1...		WTRDXCDB_XABEND_YES	"B'10000000" ++ XABEND.YES KEYWORD
		.1..		WTRDXCDB_XABEND_NO	"B'01000000" ++ XABEND.NO KEYWORD
650	(28A)	BITSTRING	1	WTRDXCDB_XUSERADDR	++ FIELD_LABEL
651	(28B)	CHARACTER	1	WTRDXCDB_XRSV001	++ RESERVED
652	(28C)	ADDRESS	4	WTRDXCDB_XCNDB	++
656	(290)	ADDRESS	4	WTRDXCDB_XOUTCNDB	++
660	(294)	ADDRESS	4	WTRDXCDB_XINCNDDB	++
664	(298)	ADDRESS	4	WTRDXCDB_XCONSNM	++
668	(29C)	ADDRESS	4	WTRDXCDB_XCONSID	++
672	(2A0)	ADDRESS	4	WTRDXCDB_XOUTCONSID	++
676	(2A4)	CHARACTER	2	WTRDXCDB_XRSV002	++ RESERVED
678	(2A6)	BITSTRING	1	WTRDXCDB_XFLAG2	++ FIELD_LABEL
		1...		WTRDXCDB_XCMDIND_YES	"B'10000000" ++ XCMDIND.YES KEYWORD
		.1..		WTRDXCDB_XCMDIND_NO	"B'01000000" ++ XCMDIND.NO KEYWORD
679	(2A7)	BITSTRING	1	WTRDXCDB_XKEYS	++ FIELD_LABEL
		1...		WTRDXCDB_KEYUSED_CMDIND	"B'10000000" ++ KEYUSED.CMDIND KEYWORD
680	(2A8)	ADDRESS	4	WTRDXCDB_XROUT	

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
684	(2AC)	ADDRESS	4	WTRDXCDB_XCART	++
688	(2B0)	ADDRESS	4	WTRDXCDB_XOUTCONSNAME	++
692	(2B4)	ADDRESS	4	WTRDXCDB_XOUTCONSTYPE	++
696	(2B8)	ADDRESS	4	WTRDXCDB_XOUTROUT	++
700	(2BC)	ADDRESS	4	WTRDXCDB_XOUTCART	++
700	(2BC)	X'40'	0	WTRDXCDBL	++ **_WTRDXCDB" ++ LENGTH OF PLIST

Comment

IATXCNDB-3

End of Comment

704	(2C0)	SIGNED	2	WTRRSVS1	RESERVED FOR SERVICE
708	(2C4)	SIGNED	4	(0)	
708	(2C4)	BITSTRING	1	WTRDMSGI	
944	(3B0)	CHARACTER	120	WTRDMSGO	OUTPUT MESSAGE AREA

Comment

THESE LINES DELETED BY PAR0301

End of Comment

1064	(428)	CHARACTER	8	WTRDODDN	OUTPUT COMPONENT DDNAME
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Comment

THE FOLLOWING FOUR FIELDS MUST REMAIN TOGETHER

End of Comment

1072	(430)	CHARACTER	8	WTRDTYPE (0)	OUTPUT TYPE - FROM SUPTYPE 0053
1072	(430)	CHARACTER	3	WTRDOTYP	OUTPUT COMPONENT GTYPE
1075	(433)	CHARACTER	4	WTRDOSTY	OUTPUT COMPONENT STYPE
1079	(437)	BITSTRING	1	WTRDOMOD	OUTPUT COMPONENT MODEL

Comment

END OF RELATION FOR FIELDS WTRDTYPE -> WTRDOMOD 0

End of Comment

1080	(438)	CHARACTER	4	WTRDODEV	OUTPUT DEVICE NUMBER
1080	(438)	X'439'	0	WTRDODV3	"WTRDODEV+1,3" 3 DIGIT PORTION OF DEVICE NUMBER WTRDODEV

Comment

\$SK = ENF58CK HJS7708 020916 ID1RS: z 1.5.0
IATXOSEN MF=L

End of Comment

1084	(43C)	SIGNED	4	WTRXOSEN (0)	List form
1084	(43C)	ADDRESS	4		CTOKEN address
1088	(440)	ADDRESS	4		New client token address
1092	(444)	ADDRESS	4		Address of system hold reason
1096	(448)	ADDRESS	4		Address of reason text
1100	(44C)	ADDRESS	4		Address of checkpoint data

IATYWTR3 Map

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

<p>When ENF58 signal is issued for non-FSS writers, the following fields will have the checkpointed copy, record and page counts. The following three fields must always be together. The 12 byte area will be passed in the CHK= parameter on the IATXOSEN macro while issuing the checkpoint ENF58 signal.</p>					

End of Comment					
1104	(450)	BITSTRING	12	WTROCHK (0)	
1104	(450)	SIGNED	4	WTROCOPY	Copy count
1108	(454)	SIGNED	4	WTROREC	Record count
1112	(458)	SIGNED	4	WTROPAGE	Page count (not used for line mode printers)
1116	(45C)	BITSTRING	1	WTRDFLGO	OUTPUT COMPONENT FLAG BYTE
Comment					

DEFINITION OF WTRDFLGO					

End of Comment					
		1... ..		WTRORJCT	"X'80" ONLY ALLOW ONE OPER COMMAND
		.1... ..		WTROCLOS	"X'40" PERFORM JESCLOSE ONLY \$\$\$
		..1.		WTROREAL	"X'20" LABEL=REAL ON IATXOSOO LABEL=FINAL ON IATXOSCO
		..1.		WTRORTRUN	"X'20" TRUNC=YES ON IATXOSP
		...1		WTRORLBL	"X'10" SETUP CALL
		.... 1...		WTRORVOL	"X'08" GENERATE VOL LABEL
1116	(45C)	X'8'	0	WTRORCONS	"WTRORVOL" SUSPEND FOR CONSOLE OUT
		.... .1..		WTRORDS	"X'04" GENERATE DS LABEL
		.... .1.		WTRORREG	"X'02" PARMS ARE IN REG
		.... ...1		WTRORNNP	"X'01" NEWPAGE=NO ON IATXOSOO
		.... ...1		WTRORLIST	"X'01" PARMS ARE IN LIST (IATXOSP)
1117	(45D)	BITSTRING	3	WTRORSVD9	RESERVED FOR DEVELOPMENT
1120	(460)	BITSTRING	6	WTRRSWBF	M.R FOR SWB IN STG- WTRRSWBP
1128	(468)	SIGNED	4	WTRRSWBP	ADDRESS OF SWB POINTER LIST D015 FOR SMF6 MAPPED BY IEFSJTRP D015
1132	(46C)	SIGNED	2	WTRRSWBN	NUMBER OF SWB POINTERS IN D015 WTRRSWBP LIST D015
1134	(46E)	SIGNED	2	WTRRSWBSZ	TOTAL SIZE OF SWBTU POINTED D015 TO BY WTRRSWBP LIST D015
1136	(470)	CHARACTER	8	WTRRTIME	PRINTER START TIME IN EBCDIC
1144	(478)	SIGNED	4	WTRRDATE	PRINTER START DATE IN JULIAN
1148	(47C)	CHARACTER	8	WTRRTUSID	TSO USERID
1156	(484)	ADDRESS	4	WTRRDSUPO	OUTPUT SUPUNITS ADDRESS
1160	(488)	CHARACTER	8	WTRRDIDDN	INPUT COMPONENT DDNAME
1168	(490)	CHARACTER	3	WTRRDITYP	INPUT COMPONENT GTYPE
1171	(493)	CHARACTER	4	WTRRDISTY	INPUT COMPONENT STYPE
1175	(497)	BITSTRING	1	WTRRDIMOD	INPUT COMPONENT MODEL
1176	(498)	CHARACTER	3	WTRRDIDEV	INPUT DEVICE ADDRESS
1179	(49B)	BITSTRING	1	WTRRDFLGI	INPUT COMPONENT FLAG BYTE
Comment					

DEFINITION OF WTRRDFLGI					

End of Comment					

Offsets		Type/Value 1...	Len	Name (Dim) WTRSTACC	Description
Dec	Hex				
		.1..		WTRENFDS	"X'40" Issue ENF signal for non-FSS writer data set selection
		..1.		WTRWOSE	"X'20" Need to release WOSE
1186	(4A2)	SIGNED	2	WTRRSVD1	RESERVED FOR DEVELOPMENT
1188	(4A4)	ADDRESS	4	WTRDFAIL	DUMP/RETURN ROUTINE ADDRESS
1192	(4A8)	ADDRESS	4	WTRDSUPI	INPUT SUPUNITS ADDRESS
1196	(4AC)	SIGNED	4	WTRDRSV5	RESERVED FOR SERVICE
1200	(4B0)	ADDRESS	4	WTRDINTS	INTERVENTION REQ. SUPUNITS
1204	(4B4)	SIGNED	4	WTRDRCD5	OUTPUT RECORD COUNT
1208	(4B8)	SIGNED	4	WTRCRDS	OUTPUT RECD CONT FOR INQUIRY
1212	(4BC)	SIGNED	4	WTRDPGCT	OUTPUT PAGE COUNT
1216	(4C0)	ADDRESS	4	IATXOSOO	OUTPUT COMPONENT OPEN ADDR.
1220	(4C4)	ADDRESS	4	IATXOSP	OUTPUT COMPONENT PUT ADDR.
1224	(4C8)	ADDRESS	4	IATXOSCO	OUTPUT COMPONENT CLOSE ADDR.
1228	(4CC)	ADDRESS	4	WTRDCLR	OUTPUT BUFFER-CLEARING RTN.
1228	(4CC)	X'4CC'	0	WTRFCPER	"WTRDCLR" FSS WTR CHKPOINT ERROR RTN.
1232	(4D0)	ADDRESS	4	IATXOSOI	INPUT COMPONENT OPEN ADDR.
1236	(4D4)	ADDRESS	4	IATXOSG	INPUT COMPONENT GET ADDR.
1240	(4D8)	ADDRESS	4	IATXOSCI	INPUT COMPONENT CLOSE ADDR.
1244	(4DC)	ADDRESS	4	WTRDCDEP	OUTPUT COMPONENT CDE
1248	(4E0)	ADDRESS	4	WTRDAREA	OUTPUT COMPONENT AREA
1252	(4E4)	CHARACTER	8	WTRDONAM	OUTPUT COMPONENT MODULE NAM
1244	(4DC)	ADDRESS	4	WTRFRSV1	RESERVED FOR FSS DEVELOPMNT
1248	(4E0)	ADDRESS	4	WTRFSETE	IATOSFD MSG RTN FOR DEVICE FAILURE WITH ETE BIT SET ADDRESS (LABEL: OFDFE000)
1252	(4E4)	ADDRESS	4	WTRFINEP	FSS WTR INIT ENTRY POINT
1260	(4EC)	ADDRESS	4	WTRDICDE	INPUT COMPONENT CDE ADDR.
1264	(4F0)	ADDRESS	4	WTRDIARE	INPUT COMPONENT AREA
1268	(4F4)	CHARACTER	8	WTRDINAM	INPUT COMPONENT NAME
1260	(4EC)	ADDRESS	4	WTRFGDEP	FSS WTR GETDS ENTRY POINT
1264	(4F0)	ADDRESS	4	WTRFRDEP	FSS WTR RELDS ENTRY POINT
1268	(4F4)	ADDRESS	4	WTRFTEEP	FSS WTR TERM ENTRY POINT
1276	(4FC)	ADDRESS	4	WTRMPEPT	IATOSMP MODULE ENTRY POINT
1280	(500)	ADDRESS	4	WTRDRFOR	IATOSMP FCB MAPPING ROUTINE ADDRESS (LABEL: OSMRFOR)
1284	(504)	ADDRESS	4	WTRDQMSG	IATOSFD DEQUE ACTIVE MSG RTN#587 ADDRESS (LABEL: OFDDQMSG) #587
1288	(508)	ADDRESS	4	WTRDNAME	IATOSWC DDNAME RETRVAL RTN ADDRESS (LABEL: OSDPOINT)
1292	(50C)	ADDRESS	4	WTRDSTUP	IATOSWC SETUP CHECK ROUTINE ADDRESS (LABEL: OSWCSTUP)
1296	(510)	ADDRESS	4	WTRDWAIT	IATOSWC WAITING WORK MSG RTN ADDRESS (LABEL: OSWCWAIT)
1300	(514)	ADDRESS	4	WTRDMDDS	IATOSWC MAN/DIAG MODE MSG RTN ADDRESS (LABEL: OSWCMDDS)
1304	(518)	ADDRESS	4	WTRDMDD2	IATOSWC MAN/DIAG MODE MSG RTN 2 (LABEL: OSWCMD2)
1308	(51C)	ADDRESS	4	WTRDDIAG	IATOSWC DIAGNOSTIC MSG ROUTN ADDRESS (LABEL: OSWCDIAG)
1312	(520)	ADDRESS	4	WTRDDSER	IATOSWC DIAGNOSTIC MSG ROUTN ADDRESS (LABEL: OSWCDSER)
1316	(524)	ADDRESS	4	WTRDSNAM	IATOSWC DSNAME CREATE RTN ADDRESS (LABEL: OSWCDSNM)
1320	(528)	ADDRESS	4	WTRDFDJD	FIND JESNEWS SUBROUTINE 2633
1324	(52C)	ADDRESS	4	WTRDRLJD	RELEASE JESNEWS SUBROUTINE 2633
1328	(530)	ADDRESS	4	WTRDPPSR	COMMAND PROCESSOR PPQ SYNCH ROUTINE ADDRESS (LABEL: OSMPSYNC)
1332	(534)	ADDRESS	4	WTRDMSGR	COMMAND PROCESSOR MESSAGE ROUTINE ADDRESS (LABEL: OSMPPMSG) 0084
1332	(534)	X'0'	0	WTRDMGNA	"0" NON-ACTION MESSAGE (R1 VALUE TO OSMPPMSG ABOVE 0084
1332	(534)	X'1'	0	WTRDMGAC	"1" ACTION MESSAGE (R1 VALUE TO OSMPPMSG ABOVE 0084

IATYWTR3 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1336	(538)	ADDRESS	4	WTRDCTAD	COMMAND PROCESSOR PARAMETER TABLE ADDRESS (LABEL: OSMPTBL1)
1340	(53C)	ADDRESS	4	WTRFSAFL	IATOSFD FSA FAILURE MSG RTN ADDRESS (LABEL: OFDFS000)
1344	(540)	ADDRESS	4	WTRDLGCR	LOGSTR CREATE ROUTINE ADDR 0391 (LABEL: OSWCLGCR) 0391
1348	(544)	ADDRESS	4	WTROWTRX	WRITER EXTENSION ADDRESS
1352	(548)	ADDRESS	4	WTROCDEP	JDE ADDRESS FOR IATODPX
1356	(54C)	SIGNED	4	WTRDFSID (0)	FUNCTIONAL SUBSYSTEM ID
1356	(54C)	SIGNED	2	WTRDFSS	FSS PORTION OF FSID
1358	(54E)	SIGNED	2	WTRDFSA	FSA PORTION OF FSID
1360	(550)	CHARACTER	8	WTRFSSNM	FSS NAME FOR THIS FSS
1368	(558)	CHARACTER	8	WTRFMID	FSS RELDS INCOMPLETE/DATA- SET UNPRINTABLE MSG TEXT

Comment

FIRST BYTE OF WTRFMID = X'00' - NO MSG TEXT AVAIL
NOT X'00' - FSA RELDS INCOM/UNPRT

End of Comment

1376	(560)	ADDRESS	4	WTRFSSAD	FSS TABLE ENTRY ADDRESS
1380	(564)	ADDRESS	4	WTRFSAAD	FSA TABLE ENTRY ADDRESS
1384	(568)	ADDRESS	4	WTRFMPAD	FSS PROCESSOR MPC ENTRY AD
1388	(56C)	SIGNED	4	WTRFSTAR	CURRENT FSS/FSA STAGING AREA
1392	(570)	SIGNED	4	WTRFSV10	SAVE AREA USED BY IATXPQD ON INTERNAL CALLS
1396	(574)	BITSTRING	1	WTRFGDRN	HOLD REASON IF WTRFDSUP ON
1397	(575)	BITSTRING	1	WTRFRFCFM	Data set record format (Bit definitions same as JFCRECFM in the JFCB)
1398	(576)	SIGNED	2	WTRFRECL	Maximum data set record length
1400	(578)	SIGNED	4	WTRRSVD6 (2)	RESRVD FOR NON-FSS DEVLPMNT
1408	(580)	SIGNED	4	WTRXCPDS	NUMBER OF SKIPPED CPDS RECORDS FOR THIS DATA SET
1412	(584)	SIGNED	4	WTRXLMSD	NUMBER OF TRUNCATED LINE MODE SPANNED RECORDS FOR THIS DATA SET
1416	(588)	SIGNED	4	WTRFSYWM	DOMID FOR DATASET SYNCHRONIZATION
1420	(58C)	SIGNED	4	WTRFSWRK	FSS WORK AREA
1424	(590)	SIGNED	4	WTRFRSVD (2)	RESERVED FOR DEVELOPMENT
1432	(598)	SIGNED	4	WTRF3MSG	DOMID FOR MESSAGE IAT4730
1436	(59C)	SIGNED	4	WTRFRSVS (3)	RESERVED FOR SERVICE
1448	(5A8)	ADDRESS	4	WTRSPPAD	SET PRINT PARM ADDRESS
1452	(5AC)	SIGNED	4	WTRFRSVU (5)	RESERVED FOR USER

Comment

BEGINNING OF AREA DUMPED IN MESSAGE IAT7060 AFTER
WTRINDX BY SPECIFYING THE 'D' PARAMETER ON AN X,
R, OR C COMMAND FOR WRITERS IN FSS MODE.

End of Comment

1472	(5C0)	BITSTRING	1	WTRFFLG1	FSS WTR FLAG
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Comment

DEFINITION OF WTRFFLG1

End of Comment

1...	WTRFMFSS	"X'80"	THIS IS A FSS WRITER
.1..	....	WTRFFSS	"X'40"	THIS WTR SUPPORTS A FSS
..1.	....	WTRFFSA	"X'20"	THIS WTR SUPPORTS A FSA
...1	....	WTRFFSSA	"X'10"	FSS IS ACTIVE
....	1...	WTRFFSAA	"X'08"	FSA IS ACTIVE
....	.1..	WTRFRESP	"X'04"	ORDER RESPONSE PENDING

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... ..1. .... ...1		WTRFMPER WTRFNCKP	"X'02" OSMP IN CMD ERROR PROCESSING "X'01" NEW CHECKPOINT BUFFER W/O SPOOL ADDRESS
1473	(5C1)	BITSTRING	1	WTRFFLG2	FSS WTR FLAG
Comment					
----- DEFINITION OF WTRFFLG2 -----					
End of Comment					
		1... .... .1..		WTRFMPDL WTRFISET	"X'80" ADELETE MODULE IATOSMP "X'40" SETUP TO COMPLTE PROCESSING (I.E. FSI INTRVENTION ORDER SENT TO FSA BY IATOSFS AND RESPONSE HAS NOT BEEN RECEIVED OR PROCESSED)
		..1. .... ...1		WTRFFSRC WTRFUIR	"X'20" OSFS RECEIVED REJECT COMMAND "X'10" UPDATE INTERVENTION REQUIRED
Comment					
EQU X'08' RESERVED FOR DEVELOPMENT					
End of Comment					
		.... ..1.. .... ...1.		WTRFPORQ WTRFDUMP	"X'04" POST FOR GETDS REQUIRED "X'02" OPERATOR REQUESTED DUMP DURING FAILSOFT - ABEND FSS ADDRESS SPACE WITH DUMP
1474	(5C2)	.... ...1 BITSTRING	1	WTRFRCUR WTRFFLG3	"X'01" FAILSOFT RECURSION FSS WTR FLAG
Comment					
----- DEFINITION OF WTRFFLG3 -----					
End of Comment					
		1... .... .1.. .... ..1. .... ...1		WTRFGTRL WTRFTREQ WTRFSVAL WTRFSMSG	"X'80" RELEASE WTR'S PENDING OSES "X'40" SET ORDER REQUIRED "X'20" DS VALIDATION ON SYNC REQ'D "X'10" WTRIOSE has job name and number for IAT7089 msg
		.... 1... .... ..1.. .... ...1. .... ...1		WTRFDRET WTRFDSUP WTRFSARS WTRFDVRS	"X'08" OSMP RETURN W/OUT CMD IMPL "X'04" WTRFDSAD DS UNPRINTABLE BY FSS "X'02" FSA RESTART REQUESTED "X'01" DEVICE IS TO BE RESTARTED
1475	(5C3)	.... ...1 BITSTRING	1	WTRFFLG4	FSS WTR FLAG
Comment					
----- DEFINITION OF WTRFFLG4 -----					
End of Comment					
		1... .... .1.. .... ..1.		WTRFDCPI WTRFRSCD WTRFJTRL	"X'80" WTRFDSAD DS CHKPOINT INVALID "X'40" RELDS INCOMPLETE RECEIVED "X'20" JOB TRAILER WAS SPECIFIED ON SYNCH ORDER TO DEVICE
		...1 1... .... ..1.. .... ...1.		WTRFJNDS WTRFJNNX WTRFCLR WTRFFAIL	"X'10" JESNEWS BEING SELECTED 2633 "X'08" JESNEWS TO BE SENT NEXT 2633 "X'04" PDQ CLEAR IN PROGRESS "X'02" FSS AND WRITER TO TERMINATE #245

IATYWTR3 Map

Offsets		Type/Value.... ...1	Len	Name (Dim) WTRFDOSU	Description "X'01" UPDATE DOSE ON PDQWOSWR 3339
Dec	Hex				

Comment

END OF THIS AREA DUMPED BY SPECIFYING THE D PARAMETER ON AN X, S, R, OR C COMMAND FOR FSS MODE WRITERS. (SEE WTRFFLG5)

THE FOLLOWING FIVE FIELDS IDENTIFY THE JOB IN PROGRESS AT THE CHANNEL INTERFACE. FOR NON-CHANNEL-ORIENTED OUTPUT DEVICE (E.G. 3800) OR A DEVICE DRIVEN BY AN FSS, THEY MAY NOT PERTAIN TO THE SAME JOB AT THE TRANSFER STATION OR STACKER AS IDENTIFIED BY THE ACTIVE RESQUEUE IN FCTRQAD. INITIALLY, WE COULD HAVE BOTH THE FCTRQAD AND THE FOLLOWING FIVE FIELDS IDENTIFYING THE SAME JOB. AS THE JOB PROGRESSES THROUGH THE CHANNEL THE WRITER COULD START TO BRING IN THE NEXT JOB AND UPDATE THE VALUES OF THE FOLLOWING FIVE FIELDS. THE FIELD FCTRQAD DIDN'T GET UPDATED UNTIL THE FIRST UNIT OF THE NEXT JOB IS READY TO BE STACKED. THUS, WE HAVE A SMALL WINDOW HERE WHERE WE HAVE THE FCTRQAD AND THE FOLLOWING FIELDS POINTING TO DIFFERENT JOBS.

End of Comment

1476	(5C4)	CHARACTER	24	WTRDDSN	DATASET NAME IN PROGRESS
1500	(5DC)	CHARACTER	8	WTRDJNAM	JOB NAME IN PROGRESS
1508	(5E4)	CHARACTER	8	WTRDJID	JOB ID IN PROGRESS
1516	(5EC)	ADDRESS	4	WTRDRSQ	RQ ADDR FOR CURRENT JOB
1520	(5F0)	CHARACTER	8	WTRDYNAM	JOB ID FOR DYNAMIC WTR

Comment

 FIELDS USED BY THE PENDING DATA SET QUEUE
 MANAGER (IATOSFP)

End of Comment

1528	(5F8)	ADDRESS	4	WTRFDSAD	DATA SET ID ADDRESS FOR AN FSS WRITER
1532	(5FC)	ADDRESS	4	WTRFPDQF	ADDR OF FIRST (OLDEST) PDQ ENTRY (0 IF QUEUE EMPTY) MAINTAINED BY OSFP
1536	(600)	ADDRESS	4	WTRFPDQL	ADDR OF LAST (NEWEST) PDQ ENTRY (0 IF QUEUE EMPTY) MAINTAINED BY OSFP
1540	(604)	ADDRESS	4	WTRFPDQC	ADDR OF CURRENT (CHANNEL) PDQ. ZERO IF NO DS SELECTD MAINTAINED BY OSFP
1544	(608)	ADDRESS	4	WTRFRSVX	RESERVED FOR DEVELOPMENT
1548	(60C)	ADDRESS	4	WTRFPDQS	ADDR OF 'SYNCHED TO' PDQ IATXPdq TYPE=PDQSYNCH SETS MAINTAINED BY OSMP+OSFM

Comment

 FIELDS USED BY PENDING PAGE QUEUE MANAGER (IATOSWP)

End of Comment

1552	(610)	ADDRESS	4	WTROPPQF	ADDR OF FIRST (OLDEST) PPQ ENTRY (0 IF QUEUE EMPTY)
1556	(614)	ADDRESS	4	WTROPPQN	ADDR OF PPQ ENTRY FOR NEXT PAGE EXPECTED TO BE STACKED (0 IF NO EXPECTED PAGE IS IN PRINTER)
1560	(618)	ADDRESS	4	WTROPPQL	ADDR OF LAST (NEWEST) PPQ ENTRY (0 IF QUEUE EMPTY)

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1564	(61C)	SIGNED	4	WTRDCUPG	NUM OF PAGES INTO CURRENT TRANSMISSION. DECREASED FOR BACKSP, INCREASED FOR PRINTING & FORWARD SPACE
1568	(620)	SIGNED	4	WTRDCTPG	NUMBER OF PAGES IN A COMPLETE TRANSMISSION OF THE CURRENT DATA SET. ZERO WHEN THE FIRST TRANSMISSION HAS NOT COMPLETED.
1572	(624)	SIGNED	2	WTRICURR	OFFSET WITHIN WOSE BUFFER TO CURRENT DATA SET BEING PROCESSED AT THE CHANNEL
1574	(626)	SIGNED	2	WTROLRCL	Original logical record length of a record
1576	(628)	BITSTRING	1	WTRDPSTF	WRITER POST FLAG BYTE

Comment

 DEFINITION OF WTRDPSTF
 FLAGS SHOULD BE UPDATED UNDER NUC TASK ONLY

End of Comment

		1... ..		WTRDCMDQ	"X'80" OPERATOR COMMAND QUEUED FOR FCT
		.1.. ..		WTRDSPRT	"X'40" SETPRINT COMPLETE
		..1.		WTRI7030	"X'20" MSG IAT7030 REPLIED TO BY OP
		...1		WTRISTAR	"X'10" COMMAND IS A START COMMAND
		.... 1..		WTRDSADD	"X'08" SETPRT TYPE=ADD ISSUED
		.... .1..		WTRDRCER	"X'04" SETPRT RECURSIVE ERROR IND
		.... ..1.		WTRDTMOT	"X'02" Writer timed out while waiting for work
		.... ...1		WTRDOFLG	"X'01" WORK AVAILABLE
1577	(629)	BITSTRING	1	WTRDMSAV	SAVE AREA FOR TASK MODE
1578	(62A)	BITSTRING	1	WTRSPFLG	SPANNED DATA FLAGS

Comment

 DEFINITION OF WTRSPFLG
 THE FLAGS ARE USED TO INDICATE THE TYPE OF DATA
 PASSED TO NETWORKING MODULE IATOSNJ

End of Comment

1578	(62A)	X'0'	0	WTRNOSPN	"FCTNOSPN" LOGICAL RECRD IS NOT SPANNED
1578	(62A)	X'80'	0	WTRSPAN	"FCTSPAN" SPANNED DATA PRESENT
1578	(62A)	X'C0'	0	WTRSPFIR	"FCTSPFIR" FIRST 'RECORD SECTION'
1578	(62A)	X'80'	0	WTRSPNTH	"FCTSPNTH" NTH 'RECORD SECTION'
1578	(62A)	X'A0'	0	WTRSPPLST	"FCTSPPLST" LAST 'RECORD SECTION'
1579	(62B)	BITSTRING	1	WTRFWOSU	OSFP WOSE UPDATE RTN FLAG
1580	(62C)	SIGNED	2	WTRSRNL	SPANNED RECORD LENGTH

Comment

BEGINNING OF AREA DUMPED IN MESSAGE IAT7060 AFTER
 WTRFFLG1 THROUGH WTRFFLG4 BY SPECIFYING THE 'D'
 PARAMETER ON AN X, S, R OR C COMMAND FOR WRITERS
 IN FSS MODE.

End of Comment

1582	(62E)	BITSTRING	1	WTRFFLG5	FSS WRITER FLAG BYTE 5
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Comment

 DEFINITION OF WTRFFLG5

End of Comment

IATYWTR3 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		1...		WTRFRSTR	"X'80" FSS WRITER TO BE RESTARTED FOLLOWING IPL OF FSS MAIN
		.1..		WTRFSTRS	"X'40" STAGING AREA RECEIVED RESENT OVER RESTART (STARSNT)
		..1.		WTRFSYWT	"X'20" WAITING FOR DATASET SYNCHRONIZATION MSG ISSUED
		...1		WTRFFRIP	"X'10" FSA RESTART IN PROGRESS
		.... 1...		WTRFJOSL	"X'08" JOB/OSE SELECTED STATUS LOCK
		.... .1..		WTRFSRS	"X'04" SPECIALIZED RESCHEDULE HAS RETURNED NAVAIL-DYNAMIC WTR
		.... ..1.		WTRFQREQ	"X'02" QUERY ORDER REQUIRED
		.... ...1		WTRFSDDN	"X'01" DDNAME TO BE FOUND IN PDQ

Comment

END OF AREA DUMPED BY SPECIFYING THE D PARAMETER ON AN X, S, R, OR C COMMAND FOR FSS MODE WRITERS.

End of Comment

1583	(62F)	BITSTRING	1	WTRFFLG6	FSS WRITER FLAG BYTE 6
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Comment

DEFINITION OF WTRFFLG6

THE FOLLOWING 3 BITS INDICATE THAT JES REQUESTED SETUP, BUT THE DEVICE DOES NOT SUPPORT THAT PARTICULAR INTERV.

End of Comment

		.1..		WTRDJDST	"X'40" STACKER SETUP REQUESTED(JES)
		..1.		WTRDJFLS	"X'20" FLASH SETUP REQUESTED(JES)
		...1		WTRDJFRM	"X'10" FORMS SETUP REQUESTED(JES)
1583	(62F)	X'70'	0	WTRDJFLG	"WTRDJDST+WTRDJFLS+WTRDJFRM"
		.... .1..		WTRDUDST	"X'04" STACKER UPDATE INTERV. REQ.
		.... ..1.		WTRDUFLS	"X'02" FLASH UPDATE INTERV. REQ.
		.... ...1		WTRDUFRM	"X'01" FORMS UPDATE INTERV. REQ.
1583	(62F)	X'7'	0	WTRDUFLG	"WTRDUDST+WTRDUFLS+WTRDUFRM"
1584	(630)	BITSTRING	1	WTRFFLG7	FSS WRITER FLAG BYTE 7

Comment

DEFINITION OF WTRFFLG7

End of Comment

		1...		WTRFMANU	"X'80" MANUAL MODE PRINT BUFFER PROCESSING IN PROGRESS
		.1..		WTRFGRCM	"X'40" MANUAL MODE COMMAND PROCESSING IN PROGRESS
		..1.		WTRFVOFF	"X'20" SUPUNIT VARY OFFLINE SCHEDULED
		...1		WTRFPRIM	"X'10" PARM OSE IS FOR PRIME PDQ
		.... 1...		WTRFSATM	"X'08" FSA TO TERMINATE
		.... .1..		WTRFSABN	"X'04" STOP FSA ABNORMAL FOR *FAIL 0207 OR WTR ABEND IN PROGRESS 0207
		.... ..1.		WTRICKPG	"X'02" CHECKPOINT INTERVAL IS IN PAGES
		.... ...1		WTRICKSC	"X'01" CHECKPOINT INTERVAL IS IN SECONDS
1585	(631)	BITSTRING	1	WTRFFLG8	FSS WRITER FLAG BYTE 8

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Comment -----					
DEFINITION OF WTRFFLG8 -----					
----- End of Comment -----					
		1... ..		WTRFFIT	"X'80" FSA INITIATED TERMINATION 0046
		.1... ..		WTRFINZ0	"X'40" NON-0 NON-TERMINAL RETURN IN INTERVENTION ORDER RESP
		..1.		WTRFCKAL	"X'20" FSS checkpoint allocated
		...1		WTRDLOCN	"X'10" WHEN ON, INDICATES DLOCON HAS BEEN ISSUED; WHEN OFF DLOCOFF IS NOT REQUIRED
		.... 1... ..		WTRFIWTO	"X'08" WTO MESSAGE HAS BEEN ISSUED
		.... .1.. ..		WTRFCLPI	"X'04" CLEAR PRINT ISSUED FOR DYNAMIC WRITER
		.... ..1.		WTRFCPIP	"X'02" CLEAR PRINT IN PROGRESS
		.... ...1 ..		WTRFOSDP	"X'01" A DATASET IN THIS OSE HAS BEEN MARKED PENDING
1586	(632)	BITSTRING	1	WTRFFLG9	FSS FLAG BYTE 9
----- Comment -----					
DEFINITION OF WTRFFLG9 -----					
----- End of Comment -----					
		1... ..		WTRFSEET	"X'80" AN ENVIRONMENTAL TYPE ERROR (BIT RESP2ETE WAS SET IN RESPFL2) WAS RECEIVED IN RESPONSE TO A SET ORDER.
		.1... ..		WTRFQUET	"X'40" AN ENVIRONMENTAL TYPE ERROR WAS RECEIVED IN RESPONSE TO A QUERY ORDER.
		..1.		WTRFSYET	"X'20" AN ENVIRONMENTAL TYPE ERROR WAS RECEIVED IN RESPONSE TO A SYNCH ORDER.
		...1		WTRNOACT	"X'10" NO ACTION REQUIRED FOR THIS COMMAND
		.... 1... ..		WTRJTRNX	"X'08" Job trailer to go next
		.... .1.. ..		WTRFNDMP	"X'04" No dump of FSS required on FAILDSP
		.... ..1.		WTRWSPUP	"X'02" IATOSFP did an IATXOSWS GET/REL call for RQ saved in the primary WSP
		.... ...1 ..		WTRFWUAL	"X'01" Waiting for FSS to get unallocated
1587	(633)	BITSTRING	1	WTRFFLGA	FSS FLAG BYTE 10
----- Comment -----					
DEFINITION OF WTRFFLGA -----					
----- End of Comment -----					
		1... ..		WTRF0FDB	"X'80" A DM656 ABEND IS NOT NEEDED FOR A ZERO WOSE FDB. THE ROUTINE CALLING PDQWOSRD WILL HANDLE IT.
		.1... ..		WTRFNEWS	"X'40" PDQDSEL CALL WAS MADE FOR JESNEWS DATASET
		..1.		WTRFRLTM	"X'20" RELDS timer outstanding
		...1		WTRFRVMI	"X'10" RELDS timer cancelled, may need to be reissued
		.... 1... ..		WTRFRVA3	"X'08" BIT RESERVED FOR SERVICE
		.... .1.. ..		WTRFRVA4	"X'04" BIT RESERVED FOR SERVICE
		.... ..1.		WTRFRVA5	"X'02" BIT RESERVED FOR SERVICE
		.... ...1 ..		WTRFRVA6	"X'01" BIT RESERVED FOR SERVICE
1588	(634)	BITSTRING	8	WTRDWSTM	WRITER START TIME (TOD)

IATYWTR3 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- 0					
----- 0					
DEFINE THE PARAMETER LIST SPACE FOR IATUX45 0					
THIS AREA IS MAPPED VIA IATYUX45. 0					
----- 0					
2 lines deleted by PQQ0002 0					
End of Comment					
1596	(63C)	BITSTRING	1	WTRFUX45	UX45 PARAMETER LIST
Comment					
----- 0					
FIELD WTRFJMRA POINTS TO THE JMR AREA THAT IS GET- 0					
MAINED IN IATOSFD. IT POINTS TO A BUFFER FOR THE 0					
COPIED JMR. UX45JMRA IS USED TO POINT TO THE JMR 0					
FOR A PARTICULAR IATUX45 CALL, OR IS 0 IF NOT AVAIL. 0					
----- 0					
End of Comment					
1632	(660)	SIGNED	4	WTRFJMRA	JMR BUFFER POINTER FOR UX45 0635
1636	(664)	SIGNED	4	WTRDRSV1 (2)	RESERVED FOR DEVELOPMENT 0002
1644	(66C)	SIGNED	4	WTRDRSV2 (5)	RESERVED FOR SERVICE
1664	(680)	SIGNED	4	WTRDRSV3	RESERVED FOR USER
Comment					

REASON CODES FOR FSS WRITER ABEND DM656 FAILURES					

End of Comment					
	....	...1		WTRFSAAC	"X'01" FSA ALREADY ACTIVE WITH A DIFFERENT WRITER FCT
	....	..1.		WTRPDQER	"X'02" ERROR RECREATING THE PDQ FOLLOWING HOTSTART
	....	..11		WTRXFSE	"X'03" ERROR RETURN CODE FROM IATXFSS TYPE=FSSSTART 0546
	....	.1..		WTRFSSSA	"X'04" INVALID STAGING AREA RECEIVED FROM FSS
	....	.1.1		WTRFSASA	"X'05" INVALID STAGING AREA RECEIVED FROM FSA
	....	.11.		WTRSPFSS	"X'06" ERROR RETURN FROM STOP FSS ORDER
	....	.111		WTRSTFSA	"X'07" ERROR RETURN FROM START FSA ORDER
	....	1...		WTRSPFSA	"X'08" ERROR RETURN FROM STOP FSA ORDER
	....	1..1		WTRSTDEV	"X'09" ERROR RETURN FROM START DEVICE ORDER
	....	1.1.		WTRSPDEV	"X'0A" ERROR RETURN FROM STOP DEVICE ORDER
	....	1.11		WTRDMPRQ	"X'0B" DUMP REQUESTED BY JES3 IN FSS ADDRESS SPACE
	....	11..		WTRSYNDV	"X'0C" ERROR RETURN FROM SYNCH #096 ORDER #096
	....	11.1		WTRSETDV	"X'0D" ERROR RETURN FROM SET #096 ORDER #096
	....	111.		WTRFGDSF	"X'0E" ERROR FOUND BY THE GETDS PROCESSOR DURING PDQ PROCESSING
	....	1111		WTRIWFIT	"X'0F" INVALID WRITER STATE FOR FSA REQUESTED TERMINATION
	...1	....		WTRNZIOR	"X'10" NON-ZERO RETURN CODE FOUND IN THE INTERVENTION ORDER RESPONSE AREA BY IATOSFS
	...1	...1		WTRQUERYF	"X'11" ERROR RETURN FROM QUERY ORDER

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		...1 ..1.		WTRGDSST	"X'12" UNEXPECTED RETURN BY SETUP PROCESSOR DURING GETDS
		...1 ..11		WTRFSNUM	"X'13" Num of GETDS extensions 0073 is null 0073
		...1 ..1..		WTRDSTQ1	"X'14" UNABLE TO PROCESS STAR - DSTQ NOT AVAILABLE (OSFD)
		...1 ..1.1		WTRDSTQ2	"X'15" UNABLE TO PROCESS STAR - DSTQ NOT AVAILABLE (OSFD)
		...1 ..11.		WTRDSTQ3	"X'16" UNABLE TO DLOCON AFTER RESTART - (OSFD) DSTQ NOT AVAILABLE
		...1 ..111		WTRDSTQ4	"X'17" FSA UNABLE TO DLOCON ON DSTQ NOT AVAILABLE (OSFI)

Comment

 THE FOLLOWING REASONS CODES HAVE BEEN USED BY APAR OY38190 FOR RELEASES SP1.3.4 - SP2.2.1 FOR FSS PROCESSING (WHICH TAKES PLACE IN THE ESA RELEASES IN MODULE IATGRFC) AND ARE THEREFORE UNAVAILABLE FOR USE IN ANY FUTURE RELEASES.
 WTRDSTQ5 EQU X'18' DLOCON FAILURE
 WTRDSTQ6 EQU X'19' DSQ UNAVAILABLE

End of Comment

		...1 1.1.		WTRP0FDB	"X'1A" A ZERO WOSE FDB IN A PDQ HAS BEEN DETECTED WHEN TRYING TO DO A WOSE READ.
		...1 1.11		WTRFENQW	"X'1B" JESNEWS AENQ count wrong
		...1 11..		WTRNSTAR	"X'1C" WTRFISSET BUT NO STAR PASSED TO OSFS IN WTRFSTAR
		...1 11.1		WTROVSTP	"X'1D" FSI extn end addr points 0073 beyond the end of SRL 0073
		...1 111.		WTRGDPDQ	"X'1E" WTRDRSQ zero during PDQ GETDS processing

Comment

 SNARJP COMMUNICATION AREA

End of Comment

1668	(684)	SIGNED	4	WTRSNREC (4)	CURRENT RECORD CHKPT INFO -- THIS INCLUDES TWO M.R SPOOL ADDRESSES & AN OFFSET FIELD (CHNSZ)
1684	(694)	SIGNED	4	WTRSCHSZ	CHAIN SIZE FOR CURR DS
1684	(694)	X'694'	0	WTRSCHFL	"WTRSCHSZ,1" CHAIN SIZE SPEC. FLAG
1684	(694)	X'695'	0	WTRSCHPG	"WTRSCHSZ+1,1" NUM OF 'PAGES' IN SNA CHAIN
1684	(694)	X'696'	0	WTRSCHLN	"WTRSCHSZ+2,1" NUMBER OF LINES IN 'PAGE'
1688	(698)	CHARACTER	8	WTRSFRRMS	FORMS REQ'D
1696	(6A0)	CHARACTER	4	WTRSUCSO	TRAIN REQ'D
1700	(6A4)	CHARACTER	8	WTRSFBO	FCB REQ'D
1708	(6AC)	BITSTRING	8	WTRSCCTAB	COMPACTION TBL REQ'D
1716	(6B4)	BITSTRING	1	WTRSCOPY	COPIES REQ'D
1717	(6B5)	BITSTRING	1	WTRSRVSD	RESERVED FOR SNA
1718	(6B6)	BITSTRING	1	WTRSFGL1	PDIR /ERR FLAG

Comment

 DEFINITION OF WTRSFGL1

End of Comment

		1...		WTRSFMH2	"X'80" WORK STATION SUPPORTS PDIR
		.1..		WTRSSSEND	"X'40" SEND PDIR

IATYWTR3 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		..1.		WTRSPERR	"X'20" PERMANENT SNA ERROR
		...1		WTRSRERR	"X'10" RECOVERABLE TRANS. ERROR
		.... 1...		WTRPDIRN	"X'08" NEED TO SEND PDIR
1719	(6B7)	BITSTRING	1	WTRSFLG2	OSWD SNA FLAG

Comment

 DEFINITION OF WTRSFLG2

End of Comment

		1...		WTRSNXDS	"X'80" NEW DS DETECTED
		.1..		WTRSRST	"X'40" DS IS BEING RESTARTED
		..1.		WTRSF0CO	"X'20" FIRST OF CHAIN - WTR TAKES CHKPT
		...1		WTRSCHKT	"X'10" WTR TAKES CHKPTS ONLY ON FIRST OF CHAIN
		.... ..1.		WTRSSDEV	"X'02" WTR HAS SNA DEVICE
1720	(6B8)	BITSTRING	1	WTRSFLG3	SERVICE ROUTINE COMM. FLAG

Comment

 DEFINITION OF WTRSFLG3

End of Comment

		1...		WTRSMMSG	"X'80" MODIFY OSMP RESPONSE MSG
		.1..		WTRSPFCB	"X'40" IATXOSP IS FOR FCB LOAD
		..1.		WTRSLDEN	"X'20" LINE DENSITY REQUEST (SNA)
		...1		WTRSSUSP	"X'10" SESS. WAS SUSPENDED (OSMP)
		.... 1...		WTRSDSOP	"X'08" PDIR HAS BEEN SENT FOR DS
1724	(6BC)	SIGNED	4	(0)	
1724	(6BC)	SIGNED	4	WTRSRSV1 (5)	RESERVED FOR SNA DEV
1744	(6D0)	SIGNED	4	WTRSRVCN	SAVE AREA FOR JOB LINE CNT
1748	(6D4)	SIGNED	4	WTRSRSV2 (4)	RESERVED FOR SNA SERVICE
1764	(6E4)	SIGNED	4	WTRSRSV3	RESERVED FOR USER
1768	(6E8)	DBL WORD	8	WTRISYS (0)	START OF AREA ZEROED IN IATOSWD INITIALIZATION

Comment

 IATYWSP TYPE=F

IATYEQU JES3 STANDARD EQUATES
 IATYEQU ALREADY GENERATED
 OUTPUT SELECT PARAMETERS

01 Change Activity:

\$S5=SDSFASST HJS7760 080810 RD0RJ: z 1.11.0

End of Comment

1768	(6E8)	SIGNED	4	WSPSTART (0)	
1768	(6E8)	SIGNED	2	WSPTEJBC	Compatible with WSPTEJBI - see IATXJBNO macro
1770	(6EA)	CHARACTER	8	WSPTEUID	USER ID (SYSOUT)
1770	(6EA)	X'6EA'	0	WSPJOBID	"WSPTEUID" JOB ID (SYSOUT)
1768	(6E8)	ADDRESS	4	WSPCHAIN	WAIT FOR WORK CHAIN FIELD
1768	(6E8)	X'6E8'	0	WSPRECRD	"WSPCHAIN" TOTAL RECORDS PENDING JOB
1772	(6EC)	ADDRESS	4	WSPAECF	ECF ADDRESS, NEW WORK
1776	(6F0)	BITSTRING	1	WSPMASK	ECF MASK FIELD, NEW WORK
1777	(6F1)	BITSTRING	1	WSPHCNT	COUNT OF OUTSERV FCT'S 0370 WAITING TO PROCESS THIS 0370 HOT WRITER 0370
1778	(6F2)	BITSTRING	1	WSPFLAG	FLAG BYTE

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- DEFINITION OF WSPFLAG -----					
End of Comment					
		1... ..		WSPSELK	"X'80" RQ OSE LOCK HELD
		.1.. ..		WSPSSREQ	"X'40" SUBSYSTEM REQUEST
		..1.		WSPSYSRQ	"X'20" PROCESS SYSOUT REQUEST
		...1		WSPDEL	"X'10" DELETE REQUEST
		.... 1..		WSPREL	"X'08" RELEASE REQUEST
		.... .1..		WSPPUT	"X'04" PUT REQUEST
		.... ..1.		WSPGET	"X'02" GET REQUEST
		.... ...1		WSPSCHED	"X'01" SCHEDULE REQUEST
Comment					
----- THE FOLLOWING FLAGS ARE DOUBLE DEFINED. THEY ARE ONLY USED BY IATOSPC FOR PROCESS SYSOUT REQUESTS. THE FLAGS THEY ARE EQUATED TO ARE USED BY IATOSSC AND IATOSWS FOR OUTPUT SERVICE REQUESTS. -----					
End of Comment					
1778	(6F2)	X'10'	0	WSPFIRRQ	"WSPDEL" FIRST SYSOUT PSO REQUEST
1778	(6F2)	X'8'	0	WSPOKRET	"WSPREL" REQUEST ENDED SUCCESSFULLY
1778	(6F2)	X'1'	0	WSPRQCMP	"WSPSCHED" REQUEST IS COMPLETE
1779	(6F3)	BITSTRING	1	WSPFLG1	FLAG BYTE 1
Comment					
----- DEFINITION OF WSPFLG1 WSPPEND (Writer) and WSPTSO (PSO) doubly defined WSPCKPRQ (PSO) and WSPSAFFL (OUTSERV) doubly defined -----					
End of Comment					
		1... ..		WSPCKPT	"X'80" CHECKPOINT DATA SET FOUND
		.1.. ..		WSPCMPL	"X'40" THIS JOB IS COMPLETE
		..1.		WSPPOSTD	"X'20" WRITER POSTED
		...1		WSPSTRTD	"X'10" WRITER STARTED
		.... 1..		WSPPEND	"X'08" PENDING ENTRY FOUND
1779	(6F3)	X'8'	0	WSPTSO	"WSPPEND" TSO REQUEST FOR PSO WSP
		.... .1..		WSPCHNGE	"X'04" CHANGE FOUND
		.... ..1.		WSPFAILD	"X'02" FAILURE HAS OCCURED.
		.... ...1		WSPCKPRQ	"X'01" CHECKPOINT REQUIRED
1779	(6F3)	X'1'	0	WSPSAFFL	"WSPCKPRQ" SAF call failed during wait queue search
1780	(6F4)	SIGNED	4	(0)	WORD ALIGNMENT 3429
Comment					
----- The fields WSPPOSTJC and WSPFDBT are doubly defined. WSPPOSTJC, in conjunction with WSPPOSTJI, is used only for hot writer wait queue processing. -----					
End of Comment					
1780	(6F4)	SIGNED	2	WSPPOSTJC	Compatible with WSPPOSTJI - see IATXJBNO macro

IATYWTR3 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
<p>-----</p> <p>WSPFDBT is used in conjunction with WSPFDBTB to hold the OSE FDB and previous sequence number (unlike most similar fields, these two are not consecutive).</p> <p>-----</p>					
End of Comment					
1780	(6F4)	BITSTRING	12	WSPFDBT	Temporary OSE
1792	(700)	SIGNED	2	WSPRSVS6	Reserved for IBM
1794	(702)	SIGNED	2	WSPLEN	Length of WSP
1796	(704)	BITSTRING	6	WSPJDS	JDS SPOOL ADDRESS SAVE AREA
1802	(70A)	BITSTRING	1	WSPFLG8	FLAG BYTE 8
Comment					
<p>-----</p> <p>DEFINITION OF WSPFLG8 (CLEARED UPON ENTRY TO IATOSPC)</p> <p>-----</p>					
End of Comment					
		.1... ..		WSPRQACC	"X'80" SET WHEN RQ ACCESS OBTAINED BY THE IATXARQ MACRO, RESET WHEN RQ ACCESS IS RELEASED
		.1.. ..		WSPBDTRQ	"X'40" PSO REQUEST IS FROM BDT
		..1.		WSPNJERT	"X'20" PSO REQUEST IS FROM REROUTE
		...1		WSPNJERD	"X'10" PSO REQUEST IS FROM NJERDR
		.... 1...		WSPRQPRM	"X'08" PARM RQ SUPPLIED ON INPUT
		.... .1..		WSPJBFND	"X'04" OSS/MOSE INDICATES WORK EXISTS
		.... ..1.		WSPHWWQP	"X'02" Set when Hot Writer Wait Queue post occurred
		.... ...1		WSP8RSV3	"X'01" RESERVED FOR SERVICE
1803	(70B)	BITSTRING	1	WSPOSPC	IATOSPC ERROR REASON CODE
Comment					
<p>-----</p> <p>DEFINITION OF OSPC ERROR REASON CODE</p> <p>-----</p>					
End of Comment					
		.... ....		WSPRCCL	"X'00" NO ERROR CODE ASSOCIATED
		.... ...1		WSPRCJOB	"X'01" BAD JOB NAME/NUMBER/RSQ
		.... ..1.		WSPRCPSO	"X'02" INVALID USER OF PSO WITH GROUP ID SELECTION
		.... ..11		WSPRCRQ	"X'03" RSQ REQUIRED BUT IS MISSING
		.... .1..		WSPRCDAC	"X'04" JOB IS BEING DUMPED
		.... .1.1		WSPRCOUT	"X'05" NO OUTPUT
		.... .11.		WSPRCINV	"X'06" INVALID SEARCH ARGUMENT
		.... .111		WSPRCAWR	"X'07" AWRITE ERROR
		.... 1...		WSPRCDAT	"X'08" INVALID DATA
		1111 1111		WSPRCDMP	"X'FF" SEVERE ERROR - DUMP ALREADY GENERATED
1804	(70C)	BITSTRING	12	WSPFDBSV	SAVE FDB FOR PREVIOUS OSE 7#
1816	(718)	SIGNED	4	WSPSSCWA	Work area for IATOSSC
1820	(71C)	BITSTRING	14	WSPRSVS5	Reserved for IBM
1834	(72A)	BITSTRING	2	WSPCKJBC	Compatible checkpoint jobid

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

WSPRSV01 uses the same area occupied by WSPCRJOB in releases prior to HJS7705. Do not use this area until HJS7703 and all lower releases are out of service.					

End of Comment					
1836	(72C)	CHARACTER	2	WSPRSV01	' Reserved - do not use
1838	(72E)	BITSTRING	1	WSPFLG9	Flag byte 9
Comment					

DEFINITION OF WSPFLG9					

End of Comment					
		1... ..		WSPXJMR	"X'80" IATXJMR issued - field WSPSAVE contains the data set entry pointer
		.1.		WSPQCHG	"X'40" Dataset is moving from hold queue to writer queue
		..1.		WSPDFDST	"X'20" Destination restored to default
		...1		WSPSRCHP	"X'10" OSES000 should search for previous OSE buffer if not provided
		.... 1...		WSPNDOPT	"X'08" Writer output pending 0089
		.... .1..		WSPENF58	"X'04" ENF58 DeSelect done
		.... ..1.		WSP4BOSE	"X'02" PSO processor supports four-byte OSE seq num
		.... ...1		WSP4BOSD	"X'01" PSO DSP supports four-byte OSE sequence number
1839	(72F)	BITSTRING	1	WSPFLG7	FLAG BYTE 7
Comment					

DEFINITION OF WSPFLG7 (CLEARED UPON ENTRY TO IATOSPC)					

End of Comment					
		1... ..		WSPCDEST	"X'80" DEST CHANGED BY CLASS
		.1.		WSPUNSCH	"X'40" OSPC UNSCHEDULED AN OSE 0668
		..1.		WSPPBSKP	"X'20" A BUFFER WAS SKIPPED USING RCE/CSBT OR DELETED
		...1		WSPCLNUP	"X'10" CLEANUP OPTION SPECIFIED ON AN IATXPOSE CALL
		.... 1...		WSPFL708	"X'08" Reserved for IBM
Comment					

THIS LINE DELETED BY APAR OW32807					

End of Comment					
		.... .1..		WSPJOBPR	"X'04" JOB REPOSITION INDICATOR
		.... ..1.		WSPLTTC9	"X'02" Output moved from local to 05209SRC TCP destination with 05209SRA OUTPUT statement 05209SRA
		.... ...1		WSPLTNO	"X'01" Output moved from local to 05209SRC TCP destination with 05209SRA no OUTPUT statement 05209SRA
1840	(730)	SIGNED	4	WSPSECPT	POINTER TO GETMAINED AREA FOR USE BY IATXSEC

IATYWTR3 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1844	(734)	SIGNED	4	WSPSAVE	WORK SAVE AREA
1848	(738)	SIGNED	4	WSPPSCPT	PTR TO PSSC CONTROL BLOCK 0357 (The D.F.R. memorial PSSC 0049 pointer) 0049
1852	(73C)	SIGNED	2	WSPBUFNC	OSE buffer number compatible value - see WSPBUFN4
1854	(73E)	SIGNED	2	WSPOFFST	OSE OFFSET VALUE
1856	(740)	CHARACTER	1	WSPCCNTL	OSE CARRIAGE CONTROL VALUE
1857	(741)	BITSTRING	4	WSPFFDBV	OSE FDB VALIDITY VALUE 05209SRA
1861	(745)	BITSTRING	1	WSPFLG11	Flag byte 11 05209SRA

Comment

----- 05209SRA

Definition of WSPFLG11 05209SRA

----- 05209SRA

End of Comment

		1... ..		WSPBLTCP	"X'80" TCP/NJE OSEs built via 05209SRA QBDOSE 05209SRA
		.1.. ..		WSPBLBDT	"X'40" SNA/NJE OSEs built via 05209SRA QBDOSE 05209SRA
		..1.		WSPINTCP	"X'20" QBDOSE should build TCP 05209SRA OSEs (if off, BDT OSEs) 05209SRA
		...1		WSPBHLDC	"X'10" Select BDT work in operator 06471SXC hold if cancel issued 06471SXA
		.... 1..		WSPF1108	"X'08" Reserved for IBM 05209SRA
		.... .1..		WSPF1104	"X'04" Reserved for IBM 05209SRA
		.... ..1.		WSPF1102	"X'02" Reserved for IBM 05209SRA
		.... ...1		WSPF1101	"X'01" Reserved for IBM 05209SRA 05209SRA
1862	(746)	BITSTRING	2	WSPRSVDV	Reserved for IBM 05209SRC
1864	(748)	CHARACTER	80	WSPTOKEN	SECURITY TOKEN 0318 INBOUND-CALLER'S UTOKEN OUTBOUND-RETURNED DATA SET'S RTOKEN
1944	(798)	CHARACTER	4	WSPID	WSP eyecatcher 0075
1948	(79C)	ADDRESS	4	WSPYOSPC	IATYOSPC address 0075
1952	(7A0)	ADDRESS	4	WSPTEJBI	Extended jobid 0075
1956	(7A4)	ADDRESS	4	WSPCKJBI	Checkpoint jobid 0075
1960	(7A8)	ADDRESS	4	WSPSTJI	Hot writer queue post 0075 jobid 0075
1964	(7AC)	SIGNED	4	WSPBUFN4	OSE buffer number, used with WSPOFFST

Comment

 WSPFDBT is used in conjunction with WSPFDBTB to hold the OSE FDB and previous sequence number (unlike most similar fields, these two are not consecutive).

End of Comment

1968	(7B0)	SIGNED	4	WSPFDBTB	Prev OSE sequence number
------	-------	--------	---	----------	--------------------------

Comment

 The following three fields map the parameter list used by the WRTCHAIN error recovery routine (IATXERCV) and must remain consecutive.

End of Comment

1972	(7B4)	BITSTRING	16	WSPRQFDB	Work FDB & sequence number
1988	(7C4)	CHARACTER	4	WSPPOSEID	ID for OSE
1992	(7C8)	SIGNED	2	WSPPOSEOF	Offset to 4-byte OSE field
1992	(7C8)	X'16'	0	WSPPERCVL	**-"WSPRQFDB" Length of IATXERCV workarea
1992	(7C8)	X'7B4'	0	WSPPERCVW	"WSPRQFDB,WSPPERCVL" Workarea for IATXERCV macro

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1994	(7CA)	BITSTRING	3	WSPRSVS4	Reserved for IBM
1997	(7CD)	BITSTRING	1	WSPFLG4	FLAG BYTE 4
Comment					
----- DEFINITION OF WSPFLG4 -----					
End of Comment					
		1...		WSPRCERR	"X'80" RECURSIVE ERROR OCCURRED
		.1.		WSPBHOLD	"X'40" INDICATES SELECTION OF HOLD 0505 TYPE (OSEWHOLD) BDT OSES 0505 FOR NJEROUT 0505
		..1.		WSPSAPRO	"X'20" STAGING AREA IS BEING PROCESSED
		...1		WSPCTRL1	"X'10" OSBPRECV IN CONTROL 0681
		.... 1..		WSPCTRL2	"X'08" OSDRSNAF IN CONTROL 0681
		.... .1..		WSPLTOS	"X'04" HOLD OSE CHANGED FROM LOCAL 0681 TO SNA/NJE DESTINATION 0681
		.... ..1.		WSPURSTA	"X'02" WTD TO PURGE THE STAR
		.... ...1		WSPRQINV	"X'01" INVALID REQUEST
1998	(7CE)	BITSTRING	1	WSPFLG5	FLAG BYTE 5
Comment					
----- DEFINITION OF WSPFLG5 -----					
End of Comment					
		1...		WSPSAPEN	"X'80" STAGING AREA IS PENDING PROCESSING
		.1.		WSPCSBT	"X'40" RCE/CSBT STRUCTURE EXISTS
		..1.		WSPDShLD	"X'20" ALL DATA SETS ARE HELD
		...1		WSPDSRST	"X'10" A DATA SET IS RESTARTABLE
		.... 1..		WSPBCMPL	"X'08" OSE BUFFER IS COMPLETE
		.... .1..		WSPMLREQ	"X'04" MULTIPLE DATA SET REQUEST
		.... ..1.		WSPLTSNO	"X'02" OSE CHANGED FROM LOCAL TO 0105 SNA/NJE DESTINATION WHEN 0105 NO OUTPUT STATEMENTS USED 0105
		.... ...1		WSPSADUM	"X'01" DUMMY STAGING AREA FOR CLEANUP PURPOSES
1999	(7CF)	BITSTRING	1	WSPFLG6	FLAG BYTE 6
Comment					
----- DEFINITION OF WSPFLG6 (CLEARED UPON ENTRY TO IATOSPC) -----					
End of Comment					
		1...		WSPGTMND	"X'80" AGETMAIN FOR IATYSEC DONE
		.1.		WSPNOSAF	"X'40" IATXSEC SAF CALL NOT NEEDED
		..1.		WSPDSTSK	"X'20" DATA SET ENTRY IN OSE WAS SKIPPED-SECURITY REJECT
		...1		WSPPSOSC	"X'10" OSPCW000 RECEIVED CONTROL 0232 0232
		.... 1..		WSPSKJOB	"X'08" Skip this job
		.... .1..		WSPNJE	"X'04" WRITER CALL FOR SNA/NJE
		.... ..1.		WSPGLOB1	"X'02" Global supports WSP ver 01 0075
		.... ...1		WSPUSRID	"X'01" PSO GET FOR USERID

IATYWTR3 Map

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

<p>WSPRTNIN IS USED BY A NUMBER OF OUTPUT SERVICE MODULES TO CONTAIN AN INDEX INTO A TABLE CONTAINING SUBROUTINES USED BY THOSE MODULES. THE EQUATED VALUES BELOW ARE THE INDEX THAT IS USED.</p>					

End of Comment					
2000	(7D0)	BITSTRING	1	WSPRTNIN	IATOSPC SUBROUTINE INDEX 0559
2000	(7D0)	X'0'	0	WSPOSERD	"0" OSE READ SUBROUTINE
2000	(7D0)	X'4'	0	WSPOSERL	"4" OSE ARELEASE SUBROUTINE
2000	(7D0)	X'8'	0	WSPPOSEWR	"8" OSE WRITE SUBROUTINE
2000	(7D0)	X'C'	0	WSPJOBBCM	"12" JOB COMPLETION SUBROUTINE
2000	(7D0)	X'10'	0	WSPWTRSC	"16" WRITER SCHEDULE SUBROUTINE
2000	(7D0)	X'14'	0	WSPRTN20	"20" Reserved for IBM 0075
2000	(7D0)	X'18'	0	WSPCLSRRT	"24" CLASS ROTATION SUBROUTINE
2001	(7D1)	BITSTRING	1	WSPPECF	ECF FOR PURGE
2004	(7D4)	ADDRESS	4	WSPRESQ	SAVE AREA FOR RESQ (OSPC)
2008	(7D8)	SIGNED	4	WSPOSA	ADDRESS OF IATODDR (OSA) 0681 USED FOR LOCAL TO SNA/NJE 0681
2012	(7DC)	SIGNED	4	WSPCDE	ADDRESS OF CDE (IATODDR) FOR0681 LOCAL TO SNA/NJE PROCESSING 0681
2016	(7E0)	SIGNED	4	WSPPENSA	PENDING STAGING AREA CHAIN
2020	(7E4)	SIGNED	4	WSPSTA	ADDR OF STAR FOR IATOSPC
2024	(7E8)	SIGNED	4	WSPSAVE2	2ND WORK SAVE AREA 0559
2028	(7EC)	SIGNED	4	WSPSAVE3	3RD WORK SAVE AREA 0559
2032	(7F0)	SIGNED	4	WSPSAVEA (9)	REGISTER SAVE AREA 0606
2068	(814)	CHARACTER	4	WSPUCSID	UCS ID 0439
2072	(818)	CHARACTER	4	WSPFCBID	FCB ID 0096
2076	(81C)	BITSTRING	8	WSPPSOTM	PSO CALL TIME (TOD) 0232
2084	(824)	ADDRESS	4	WSPCRJOB	Current job for PSO
2088	(828)	ADDRESS	2	WSPRVD9	Reserved for IBM 0075 0075
2090	(82A)	BITSTRING	1	WSPIDENT	Type of WSP 0075
2090	(82A)	X'1'	0	WSPIBDCI	"1" IATBDCI - BDT communications0075
2090	(82A)	X'2'	0	WSPIDJOT	"2" IATDJOT - Dump Job 0075
2090	(82A)	X'3'	0	WSPIDMJA	"3" IATDMJA - PSO unallocation 0075
2090	(82A)	X'4'	0	WSPIIQOS	"4" IATIQOS - Outserv Inquiry 0075
2090	(82A)	X'5'	0	WSPIMOCP	"5" IATMOCP - Modify cancel 0075
2090	(82A)	X'6'	0	WSPIMOOS	"6" IATMOOS - Outserv Modify 0075
2090	(82A)	X'7'	0	WSPINTNR	"7" IATNTNR - NJERDR 0075
2090	(82A)	X'8'	0	WSPINTRS	"8" IATNTRS - NJE Reroute 0075
2090	(82A)	X'9'	0	WSPIOSB1	"9" IATOSBM - BDT cancel 0075
2090	(82A)	X'A'	0	WSPIOSB2	"10" IATOSBM - JSAM error 0075
2090	(82A)	X'B'	0	WSPIOSB3	"11" IATOSBM - BDT job hold 0075
2090	(82A)	X'C'	0	WSPIOSD1	"12" IATOSDR - Output Service 0075 (Primary FCT) 0075
2090	(82A)	X'D'	0	WSPIOSD2	"13" IATOSDR - Output Service 0075 (Secondary FCT) 0075
2090	(82A)	X'E'	0	WSPIOSF1	"14" IATOSFD - FSS writer 0075 (primary WSP) 0075
2090	(82A)	X'F'	0	WSPIOSF2	"15" IATOSFD - FSS writer 0075 (secondary WSP) 0075
2090	(82A)	X'10'	0	WSPIOSSD	"16" IATOSSD - SAPI 0075
2090	(82A)	X'11'	0	WSPIOSSO	"17" IATOSSO - SAPI JSAM error 0075
2090	(82A)	X'12'	0	WSPIOSW1	"18" IATOSWD - JES3 writer 0075 (primary WSP) 0075
2090	(82A)	X'13'	0	WSPIOSW2	"19" IATOSWD - JES3 writer 0075 (secondary WSP) 0075
2090	(82A)	X'14'	0	WSPPIPURG	"20" IATPURG - Purge processing 0075
2090	(82A)	X'15'	0	WSPISIOP	"21" IATSIOP - Process SYSOUT 0075
2090	(82A)	X'16'	0	WSPIOSTC	"22" IATOSOR - TCP/IP job 07032SVA processing 07032SVA
2090	(82A)	X'17'	0	WSPIGR70	"23" IATGR70 - SJF driver
2090	(82A)	X'18'	0	WSPIOSR2	"24" IATOSOR2 - Output service 0075
2091	(82B)	BITSTRING	1	WSPVER	Version number

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... ...1		WSPVER01	"X'01" Version number 1
2091	(82B)	X'1'	0	WSPCVER	"WSPVER01" Current version
2092	(82C)	ADDRESS	4	WSPPSDRT	OSPCS100 return address 0075
2096	(830)	ADDRESS	4	WSPSAVE4	PSOSCHED return address 0075
2100	(834)	SIGNED	4	WSPSDWAD	Address of SAPI DSP Work Area
2104	(838)	SIGNED	4	WSPRSVD8 (2)	Reserved for IBM
2112	(840)	ADDRESS	4	WSPRQADR	Current RQ address
2116	(844)	SIGNED	4	WSPACONS	ADDR OF CALLING CONSOLE CNDB IN IATYWTR, WTRDCCDB
2120	(848)	SIGNED	4	WSPRSVU1 (2)	RESERVED FOR USER 0200

Comment

 End of version 0 PSO area.

End of Comment

2120	(848)	X'850'	0	WSPTEEND_V0	*** End of version 0 PSO area
2120	(848)	X'168'	0	WSPTESIZ_V0	"WSPTEEND_V0-WSPSTART" Size of version 0 PSO area
2128	(850)	SIGNED	4	WSPTESSO_V0 (0)	Address of SSOB for down level callers

Comment

 END OF WSP SECTION FOR PROCESS SYSOUT (PSO).
 THE WSP UP TO THE EQUATE FIELD WSPTESIZ IS PART OF
 A STAGING AREA USED FOR PROCESS SYSOUT INTERFACE.

End of Comment

2128	(850)	X'850'	0	WSPTEEND	*** End of version 1 PSO area
2128	(850)	X'168'	0	WSPTESIZ	"WSPTEEND-WSPSTART" Size of version 1 PSO area

Comment

The WSP field WSPTESSO indicates the beginning of the SSOB section for Process Sysout interface. In up-level versions of a PSO staging area, the SSOB can be found by adding WSPLEN to the base of the WSP. In down level versions, the SSOB is located at WSPTESSO_V0, not WSPTESSO.

End of Comment

2128	(850)	SIGNED	4	WSPTESSO (0)	ADDRESS OF SSOB FOR PSO
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Comment

 THE FOLLOWING WSP INFORMATION IS COMMON FOR EVERY
 JES3 WRITER. THIS INFORMATION IS NOT NEEDED FOR PSO.

End of Comment

2128	(850)	SIGNED	4	WSPRSVS3 (4)	RESERVED FOR SERVICE
2144	(860)	BITSTRING	8	WSPWSTME	WRITER START TIME (TOD) -- 0630 (I.E., WHEN IATOSWC WAS 0630 ENTERED FOR THIS WRITER) 0630
2152	(868)	SIGNED	4	WSPRSVU2 (5)	RESERVED FOR USER

IATYWTR3 Map

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

THE FOLLOWING TWO FIELDS ARE USED IN MODULE IATOSWS					
to save fields OSECHN and OSECNT4 across the call to					
the 'OSE shrinker' code in module IATOSOR (OSES000)					

End of Comment					
2172	(87C)	BITSTRING	12	WSPOCHN	SAVE AREA FOR CHAIN FDB
2184	(888)	SIGNED	4	WSPOCNT4	Save area for sequence num
2188	(88C)	CHARACTER	8	WSPTPID	Current APPC TPID, JSAB job id, or JSAB job name
2196	(894)	BITSTRING	6	WSPOSSWB	SPOOL ADDR FOR CURR OUTPUT D015 DESCR IF
					XTNDD KEYWORDS D015
2202	(89A)	SIGNED	2	WSPSWBID	OUTPUT GROUPING TOKEN
Comment					

The following flag is used as an additional					
scheduling criteria. The options in this flag are					
specified by the selecting device and not included					
in the master selection mask.					

End of Comment					
2204	(89C)	BITSTRING	1	WSPFLGS	SEPARATE SCHEDULING FLAG
Comment					

DEFINITION OF WSPFLGS					

End of Comment					
		1... ..		WSPEXTS	"X'80" SELECTING ON XTNDD KEYWORDS
		.1.. ..		WSPSOTBN	"X'40" SELECT BY OUTBIN ID 0146
		..1.		WSPIP	"X'20" Select only IP destination
		...1		WSPBOTH	"X'10" Select both IP and non-IP
2205	(89D)	BITSTRING	3	WSPRSVD7	Reserved for IBM
2208	(8A0)	SIGNED	4	WSPPAGE	TOTAL PAGES PENDING JOB
2212	(8A4)	ADDRESS	4	WSPASUP	SUPUNITS ADDRESS
2216	(8A8)	ADDRESS	4	WSPARQ	ADDRESS OF RESQUEUE ENTRY
2220	(8AC)	BITSTRING	0	WSPFDBS (0)	Scheduled OSE FDB & seq num
2220	(8AC)	BITSTRING	12	WSPFDB	WOSE FDB
2232	(8B8)	SIGNED	4	WSPPOSEB4	Scheduled OSE sequence num
2236	(8BC)	ADDRESS	4	WSPPOSE	ADDRESS OF MOSE
2240	(8C0)	ADDRESS	4	WSPOSS	ADDRESS OF OSS ENTRY
2244	(8C4)	SIGNED	4	WSPNJERC	BSC/NJE PENDING RECORD CNT 0126
2248	(8C8)	SIGNED	4	WSPOUTBN	OUTBIN ID (in writer WSP)
2248	(8C8)	ADDRESS	4	WSPHWWSP	Address of hot writer WSP (in OUTSERV WSP)
2252	(8CC)	SIGNED	4	WSPRSVD2 (2)	RESERVED FOR DEVELOPMENT 0146
2260	(8D4)	BITSTRING	16	WSPSELD	SEL MASK OF DS SELECTED
2276	(8E4)	BITSTRING	16	WSPSELT	TEMP SEL MASK
2292	(8F4)	BITSTRING	16	WSPSELM	MASTER SELECTION MASK
Comment					

DEFINITION OF WSPSELM VALUES					

End of Comment					
2292	(8F4)	X'0'	0	WSPNULL	"00" IGNORE THIS ENTRY

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
2292	(8F4)	X'4'	0	WSPPRTY	"04" CHECK PRIORITY OF ENTRY
2292	(8F4)	X'8'	0	WSPDEST	"08" CHECK DESTINATION OF ENTRY
2292	(8F4)	X'C'	0	WSPTYPE	"12" CHECK DEST. TYPE OF ENTRY
2292	(8F4)	X'10'	0	WSPFORM	"16" CHECK FORMS SETUP OF ENTRY
2292	(8F4)	X'14'	0	WSPCARR	"20" CHECK FCB/TAPE SETUP
2292	(8F4)	X'18'	0	WSPUCS	"24" CHECK TRAIN SETUP OF ENTRY
2292	(8F4)	X'1C'	0	WSPLINE	"28" CHECK LINE, PAGE, AND RECORD LIMITS OF PRINTER
2292	(8F4)	X'20'	0	WSPCLAS	"32" CHECK CLASS OF ENTRY
2292	(8F4)	X'24'	0	WSPFLASH	"36" CHECK FORMS FLASH SETUP
2292	(8F4)	X'28'	0	WSPCPMOD	"40" CHECK COPY MODIFICATION
2292	(8F4)	X'2C'	0	WSPSTACK	"44" CHECK STACKER SETUP
2292	(8F4)	X'30'	0	WSPPMODE	"48" CHECK PROCESS MODE OF PRINTER
2292	(8F4)	X'30'	0	WSPSELMX	"WSPPMODE" MAXIMUM VALUE FOR WSPSELM
2308	(904)	SIGNED	2	WSPSELC	LOGICAL LENGTH OF WSPSELM
2310	(906)	BITSTRING	1	WSPPTYSV	HIGHEST PRIORITY FOUND
2311	(907)	BITSTRING	1	WSPRSVFX	RESERVED FOR SERVICE
2312	(908)	SIGNED	2	WSPOFST	OFFSET TO OSEENTRY
2314	(90A)	BITSTRING	1	WSPFLG2	FLAG BYTE 2

Comment

 DEFINITION OF WSPFLG2

End of Comment

		1... ..		WSPDSPTY	"X'80" DS PRTY CHECKING REQ.
		.1.. ..		WSPDFLNE	"X'40" LINE LIMIT CHECKING REQ.
		..1. ..		WSPPTYPF	"X'20" PERFECT PRIORITY FIT
		...1 ..		WSPRQRQD	"X'10" RQTAPUT NOT ALLOWED
		.... 1..		WSPGETRL	"X'08" RELEASE PENDING OSES
		.... .1..		WSPRSTG	"X'04" RESTART DATASET GROUP SAME AS *R ,J EXCEPT AFFECTS ONLY D/S SCHD FOR *R DEV
		.... ..1.		WSPRSTD	"X'02" REQUEUE OSE FOR DATA SET RESTART
		.... ...1		WSPPGREL	"X'01" PIPELINE TYPE GET/RELEASE (SCHEDULED OSE'S NOT AFFECTED)
2315	(90B)	BITSTRING	1	WSPFLG3	FLAG BYTE 3

Comment

 DEFINITION OF WSPFLG3

End of Comment

		1... ..		WSPDM206	"X'80" DM206 failure in progress
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Comment

THIS LINE DELETED BY APAR OZ91802

End of Comment

		.1.. ..		WSPWOSW	"X'40" WOSE write requested
		..1. ..		WSPWOSP	"X'20" WOSE PURGE REQUESTED
		...1 ..		WSPSWTR	"X'10" START SELECTED SUPUNITS
		.... 1..		WSPRQWS	"X'08" SELECTIVE RESQ WRITER START 0229
		.... .1..		WSPHWLK	"X'04" HOT WRITER IS BEING CHECKED 0370 BY AN OUTSERV FCT HANDLING0370 IATXOSSC TYPE=GET CALL 0370
		.... ..1.		WSPOSPND	"X'02" DISK OSES HAVE BEEN MARKED 0436 PENDING DURING THIS 0436 IATXOSWS TYPE=SCHEDULE 0436 CALL 0436
		.... ...1		WSPWTSCH	"X'01" This writer had to wait before getting OSE lock in IATOSWS schedule rtn

IATYWTR3 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
2316	(90C)	BITSTRING	2	WSPFRSDD	FLAGS - RESERVED FOR DEV.
2318	(90E)	BITSTRING	1	WSPFLG10	FLAG BYTE 10
Comment					
----- DEFINITION OF WSPFLG10 -----					
End of Comment					
		1...		WSPDUMPT	"X'80" DUMP WAS REQUESTED
		.1.		WSP206IS	"X'40" DM206 PREVIOUSLY ISSUED
		..1.		WSPGJNAM	"X'20" Grouping is by JSAB job name (WSPTPID contains a job name from a JSAB). If this bit is off, grouping is by APPC TPID or JSAB job id.
		...1		WSP10R10	"X'10" RESERVED FOR IBM
		.... 1...		WSP10R08	"X'08" RESERVED FOR IBM
		.... .1.		WSP10R04	"X'04" RESERVED FOR IBM
		.... ..1.		WSP10R02	"X'02" RESERVED FOR IBM
		.... ...1		WSP10R01	"X'01" RESERVED FOR IBM
2319	(90F)	SIGNED	1	WSPCLSN	NUMBER OF CLASSES
2320	(910)	CHARACTER	36	WSPCLSS	SYSOUT CLASSES TO SELECT
2356	(934)	SIGNED	4	WSPEND (0)	END OF PARM LIST
2356	(934)	BITSTRING	1	WSPSIZE (0)	L' TOTAL SIZE OF WSP
Comment					
EIGHT LINE DELETED BY APAR OZ78951					
----- FULL WORD SCRATCH AREAS -----					
End of Comment					
2356	(934)	SIGNED	4	(0)	INSURE WORD ALIGNMENT
2356	(934)	BITSTRING	32	WTRIFDBI	FDB FOR CURRENT DATASET WHEN MVT/TSO WRITER, OR FIRST M.R ONLY FOR OTHER WRITERS
2388	(954)	BITSTRING	16	WTRIPTRA	OPEN/POINT/NOTE PARM LIST
2388	(954)	BITSTRING	6	WTRIPTK1	FIRST SPOOL M.R FOR DATASET
2394	(95A)	BITSTRING	6	WTRIPTK2	M.R SPOOL ADDRESS FOR POINT
2400	(960)	BITSTRING	2	WTRIPOFF	OFFSET TO RECORD FOR POINT
2402	(962)	BITSTRING	2	WTRINON	UNUSED, SHOULD BE ZERO
2388	(954)	BITSTRING	24	WTRFPURC	PURCHAIN WORK AREA
2412	(96C)	BITSTRING	80	WTRICTKN	CTOKEN
2492	(9BC)	CHARACTER	18	WTRIRSTX	Reason text field
2512	(9D0)	ADDRESS	4	WTROSEAR	OSE address
2516	(9D4)	SIGNED	4	WTRIRSV1 (4)	Reserved for development
2532	(9E4)	SIGNED	4	WTRINPRO	RUN OUT INTERVAL FOR WRITER
2536	(9E8)	SIGNED	2	WTRICKIV	CHECKPOINT INTERVAL
2538	(9EA)	SIGNED	2	WTRIRSDV	RESERVED FOR DEVELOPMENT
2540	(9EC)	ADDRESS	4	WTRFJNWS	JESNEWS ADDR FOR FSS WTR
2544	(9F0)	SIGNED	4	WTRIPFOR	NUMBER OF PAGES TO MAP (3800 ONLY)
2548	(9F4)	BITSTRING	24	WTRINOT1	NOTE 1
2572	(A0C)	BITSTRING	24	WTRINOT2	NOTE 2
2596	(A24)	ADDRESS	4	WTRINOTS	POINTER TO NEXT NOTE AREA
2600	(A28)	BITSTRING	24	WTRICKPT	SAVE AREA FOR THE CHECKPOINT.
2624	(A40)	ADDRESS	4	WTRIRQAD	SAVE AREA FOR CALLED WTR RQ ADDRESS OR 0 FOR DYNAMIC WTR
2628	(A44)	ADDRESS	4	WTRIJDSP	JDS POINTER FOR DATA SET IN PROGRESS AT THE CHANNEL
2632	(A48)	SIGNED	4	WTRIPARM	FREE/HOLD PARM
2636	(A4C)	BITSTRING	16	WTRIDBPM (0)	LENGTH/ADDRESS OF I/P RECORD
2636	(A4C)	SIGNED	4	WTRILEN1	SPLIT RECORD LENGTH ONE
2640	(A50)	SIGNED	4	WTRIADR1	SPLIT RECORD ADDRESS ONE
2644	(A54)	SIGNED	4	WTRILEN2	SPLIT RECORD LENGTH TWO
2648	(A58)	SIGNED	4	WTRIADR2	SPLIT RECORD ADDRESS TWO

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
2652	(A5C)	SIGNED	4	WTRIRCD5	SAVE AREA FOR JOB AND DATA SET RECORD COUNT
2656	(A60)	SIGNED	4	WTRIPAGS	SAVE AREA FOR JOB AND DATA SET PAGE COUNT
2660	(A64)	SIGNED	4	WTRIRPOS	REPOSITION COUNT
2664	(A68)	SIGNED	4	WTRILNCT	CHECKPOINT RECORD COUNTER
2668	(A6C)	SIGNED	4	WTRISLEN	CMD SCAN SAVE AREA (OSMP)
2672	(A70)	SIGNED	4	WTRDECFL (5)	WAIT FOR WORK ECF LIST
2672	(A70)	SIGNED	4	WTRDECF1	FIRST ECF ADDRESS
2676	(A74)	BITSTRING	1	(3)	MUST BE ZERO
2679	(A77)	BITSTRING	1	WTRDM5K1	FIRST ECF MASK
2680	(A78)	SIGNED	4	WTRDECF2	SECOND ECF ADDRESS
2684	(A7C)	BITSTRING	1	(3)	MUST BE ZERO
2687	(A7F)	BITSTRING	1	WTRDM5K2	SECOND ECF MASK
2688	(A80)	BITSTRING	4	WTRDECFE	ECF LIST TERMINATOR
2672	(A70)	SIGNED	4	WTRPSM14	SAVE RETURN FOR SMF6
2676	(A74)	SIGNED	4	WTRPRD14	SAVE RETURN FOR WO5E READ
2680	(A78)	SIGNED	4	WTRPWT14	SAVE RETURN FOR WO5E WRITE
2684	(A7C)	SIGNED	4	WTRPRL14	SAVE RETURN FOR WO5E RELEASE
2688	(A80)	SIGNED	4	WTRPSV14	SAVE RETURN-COMPLETE,RESCHED
2692	(A84)	SIGNED	4	(3)	REVD FOR OSWP RETURN SAVE
2704	(A90)	SIGNED	4	WTRPREG2	REG 2 SAVE AREA (OSWP)
2708	(A94)	SIGNED	4	WTRPSAV1	REGISTER SAVE AREA (OSWP) 0357
2712	(A98)	SIGNED	4	WTRPSAV2	REGISTER SAVE AREA (OSWP) 0357
2716	(A9C)	SIGNED	4	WTRPSAV3	REGISTER SAVE AREA (OSWP) 0357
2720	(AA0)	SIGNED	4	WTRPSAV4	REGISTER SAVE AREA (OSWP) 0357
2724	(AA4)	BITSTRING	1	WTRPWTRC	LOCAL RETURN CODE (OSWP)

Comment

SEVEN LINES DELETED BY APAR OZ73227

 HALF WORD SCRATCH AREAS

End of Comment

2726	(AA6)	SIGNED	2	WTRINLCN	LINE COUNT BETWEEN NOTES
2728	(AA8)	SIGNED	2	WTRINTCN	NUMBER OF NOTES TO BE TAKEN BETWEEN CHECKPOINTS
2730	(AAA)	SIGNED	2	WTRICPYT	COPIES TRANSMITTED

Comment

NEXT FIELD IS MEANINGFUL FOR 3800 ONLY

End of Comment

2732	(AAC)	SIGNED	2	WTRILPOS	FCB LINE POSITION AT START
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Comment

 WTRIO5E DEFINES A PARAMETER O5E USED TO IDENTIFY SETUP REQUIREMENTS TO IATOSPS.

End of Comment

2736	(AB0)	SIGNED	4	(0)	INSURE FULLWORD ALIGNMENT
2736	(AB0)	BITSTRING	96	WTRIO5E	0483
2832	(B10)	BITSTRING	256		0483
3088	(C10)	BITSTRING	1		0483
3088	(C10)	X'240'	0	WTRIO5SZ	"L'O5EFSIZE+L'O5EVSIZ5+L'O5EDSIZ5"

IATYWTR3 Map

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

BYTE ALIGNMENT					

End of Comment					
3312	(CF0)	BITSTRING	1	WTRIREST	RESET MASK FOR DS/OSE UPDATE
3313	(CF1)	BITSTRING	1	WTRISSET	SET MASK FOR DS/OSE UPDATE
3314	(CF2)	BITSTRING	1	WTRIHYP	HOLD TYPE FOR DATA SET
3315	(CF3)	BITSTRING	1	WTRIHRSN	HOLD REASON FOR DATA SET
3316	(CF4)	BITSTRING	2	WTRRSVDB	RESERVED FOR DEVELOPMENT
Comment					

FDB FOR DATASET OUTPUT INFORMATION BLOCK (DOI), CREATED FOR APPC TRANASACTION PROGRAMS.					

End of Comment					
3318	(CF6)	BITSTRING	34	WTRIDOFD	DOI MRF FDB
3352	(D18)	SIGNED	4	WTRIFFDB (0)	FULL WORD BOUNDARY 2843
3352	(D18)	BITSTRING	1	WTRIFDBS	FDB
3352	(D18)	X'D18'	0	WTRIWRKM	"WTRIFDBS,17" WORK AREA FOR ROUTE CODE MASK
3352	(D18)	X'D18'	0	WTRIWRK	"WTRIFDBS,16" WORK AREA FOR OUTPUT SERVICE COMMAND WITH OPTION ',P'
3380	(D34)	CHARACTER	10	WTRIWORK	WORK AREA, REDEFINED 2843
3390	(D3E)	CHARACTER	1	WTRINAV	NAV OPTION
3391	(D3F)	ADDRESS	1	WTRICOPY	CURRENT COPY NUMBER(IF 3800, CURRENT STARTING COPY NUM)
3392	(D40)	ADDRESS	1	WTRICPYS	TOTAL COPIES (IF 3800, SUM OF COPY GROUPS)
3393	(D41)	ADDRESS	1	WTRIFLCN	FLASH COUNT
3394	(D42)	BITSTRING	8	WTRICPYE	COPY GROUP VALUES
3402	(D4A)	BITSTRING	3	WTRICNTR (0)	3800 COPY LOAD PARM LIST
3402	(D4A)	ADDRESS	1	WTRICPYN	STARTING COPY NUMBER
3403	(D4B)	ADDRESS	1	WTRICPYC	NUMBER OF COPIES TO PRINT
3404	(D4C)	ADDRESS	1	WTRICFLC	NUMBER OF COPIES TO FLASH
3405	(D4D)	BITSTRING	8	WTRISELP	COMMAND SELECTION PARAMETER
3413	(D55)	ADDRESS	1	WTRICNTP	COMMAND CLASS COUNT
3414	(D56)	CHARACTER	36	WTRICLSP	COMMAND CLASSES
Comment					

FLAG BYTES					

End of Comment					
3450	(D7A)	BITSTRING	8	WTRIMFLS (0)	INPUT MESSAGE FLAGS
3450	(D7A)	BITSTRING	2	WTRIMFLA (0)	NON KEYWORD PARAMS
3450	(D7A)	BITSTRING	1	WTRIMFL1	FLAG BYTE
Comment					

DEFINITION OF WTRIMFL1					

End of Comment					
		1...		WTRIA	"X'80" AUTO OPTION
		.1.		WTRIC	"X'40" CHECKPOINT OPTION
		..1.		WTRID	"X'20" DIAGNOSTIC OPTION

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		...1		WTRIG	"X'10" GROUP OPTION
		.... 1..		WTRIJ	"X'08" JOB OPTION
		.... .1..		WTRIL	"X'04" LOAD OPTION
		.... ..1.		WTRIM	"X'02" MANUAL OPTION
		.... ...1		WTRIN	"X'01" NOTE OPTION
3450	(D7A)	X'5D'	0	WTRIMPM1	"FF-WTRIA-WTRID-WTRIM" NO FSS SYNCH REQ. OPTIONS
3451	(D7B)	BITSTRING	1	WTRIMFL2	FLAG BYTE
Comment					
----- DEFINITION OF WTRIMFL2 -----					
End of Comment					
		1...		WTRIP	"X'80" PENDING RECS. OPTION
		.1..		WTRIR	"X'40" RELEASE OPTION
		..1.		WTRIS	"X'20" SINGLE OPTION
		...1		WTRIT	"X'10" TERMINATE OPTION
		.... 1..		WTRIHLD	"X'08" HOLD OPTION
		.... .1..		WTRIRCD	"X'04" RESCHEDULE OPTION
		.... ..1.		WTRIM202	"X'02" RESERVED
		.... ...1		WTRIM201	"X'01" RESERVED
3451	(D7B)	X'7F'	0	WTRIMPM2	"FF-WTRIP" NO FSS SYNCH REQUIRED OPTION
3452	(D7C)	BITSTRING	3	WTRIMFLB (0)	FLAGS FOR PARAMS. W/EQUALS
3452	(D7C)	BITSTRING	1	WTRIMFL3	FLAG BYTE
Comment					
----- DEFINITION OF WTRIMFL3 -----					
End of Comment					
		1...		WTRIBEQ	"X'80" BURST OPTION (BURST=Y/N)
		.1..		WTRICBEQ	"X'40" CLEAR BUFFER OPTION (CB=)
		..1.		WTRICHEQ	"X'20" CHARS OPTION
		...1		WTRICMEQ	"X'10" COPYMOD OPTION (MODIFY=)
		.... 1..		WTRICPEQ	"X'08" COPIES OPTION
		.... .1..		WTRICTEQ	"X'04" CARRIAGE TAPE OPTION (FCB)
		.... ..1.		WTRIDEQ	"X'02" DEST OPTION
		.... ...1		WTRIFEQ	"X'01" FORMS OPTION
3452	(D7C)	X'FF'	0	WTRIMPM3	"FF" NO FSS SYNCH REQUIRED OPTIONS
3453	(D7D)	BITSTRING	1	WTRIMFL4	FLAG BYTE
Comment					
----- DEFINITION OF WTRIMFL4 -----					
End of Comment					
		1...		WTRIFLEQ	"X'80" FLASH OPTION
		.1..		WTRIHEQ	"X'40" HEADER OPTION
		..1.		WTRIJEQ	"X'20" JOB EQUALS OPTION
		...1		WTRILEQ	"X'10" LINE LIMIT OPTION
		.... 1..		WTRINVEQ	"X'08" NAVAIL OPTION
		.... .1..		WTRIOTEQ	"X'04" OUT OPTION
		.... ..1.		WTRIREQ	"X'02" REPOSITION OPTION
		.... ...1		WTRISTEQ	"X'01" STACKER OPTION
3453	(D7D)	X'FF'	0	WTRIMPM4	"FF" NO FSS SYNCH REQUIRED OPTIONS
3454	(D7E)	BITSTRING	1	WTRIMFL5	

IATYWTR3 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- DEFINITION OF WTRIMFL5 -----					
End of Comment					
		1...		WTRISZ EQ	"X'80" SIZE OPTION
		.1..		WTRIWCEQ	"X'40" WC OPTION
		..1.		WTRIWSEQ	"X'20" WS OPTION
		...1		WTRIU EQ	"X'10" UCS OPTION
		.... 1..		WTRIPMEQ	"X'08" PROCESSING MODE OPTION
		.... .1..		WTRIROEQ	"X'04" RUN OUT INTERVAL OPTION
		.... ..1.		WTRIPGEQ	"X'02" PAGE LIMIT OPTION #103
		.... ...1		WTRICKEQ	"X'01" CHECKPOINT INTERVAL OPTION
3454	(D7E)	X'FB'	0	WTRIMPM5	"FF-WTRIROEQ" NO FSS SYNCH REQUIRED OPTIONS
3455	(D7F)	BITSTRING	1	WTRIMFL6	
----- DEFINITION OF WTRIMFL6 -----					
End of Comment					
		1...		WTRIWSP	"X'80" WS = P FOUND
		.1..		WTRIWSD	"X'40" WS = D FOUND
		..1.		WTRIWST	"X'20" WS = T FOUND
		...1		WTRIW SF	"X'10" WS = F FOUND
		.... 1..		WTRIWSC	"X'08" WS = C FOUND
		.... .1..		WTRIW SU	"X'04" WS = U FOUND
		.... ..1.		WTRIW SL	"X'02" WS = L FOUND
		.... ...1		WTRIW SCL	"X'01" WS = CL FOUND
3455	(D7F)	X'FF'	0	WTRIMPM6	"FF" NO FSS SYNCH REQUIRED OPTIONS
3456	(D80)	BITSTRING	1	WTRIMFL7	
----- DEFINITION OF WTRIMFL7 -----					
End of Comment					
		1...		WTRIW SFL	"X'80" WS = FL FOUND
		.1..		WTRIW SCM	"X'40" WS = CM FOUND
		..1.		WTRIW SST	"X'20" WS = ST FOUND
		...1		WTRIW SPM	"X'10" WS = PM FOUND
		.... 1..		WTRICEQ	"X'08" COPYMARK OPTION
		.... .1..		WTRIM704	"X'04" RESERVED
		.... ..1.		WTRIM702	"X'02" RESERVED
		.... ...1		WTRIM701	"X'01" RESERVED
3456	(D80)	X'FF'	0	WTRIMPM7	"FF" NO FSS SYNCH REQUIRED OPTIONS
3457	(D81)	BITSTRING	1	WTRIMFL8	RESERVED
3457	(D81)	X'FF'	0	WTRIMPM8	"FF" NO FSS SYNCH REQUIRED OPTIONS
----- DEFINITION OF WTRIMFL8 -----					
End of Comment					
BEGINNING OF AREA DUMPED IN MESSAGE IAT7060 BY SPECIFYING THE D PARAMETER ON A X, S, R OR C COMMAND.					
3458	(D82)	BITSTRING	1	WTRIMFLP	FLAG BYTE

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- DEFINITION OF WTRIMFLP -----					
End of Comment					
		1...		WTRISTR	"X'80" COMMAND IS START
		.1..		WTRIRSTR	"X'40" COMMAND IS RESTART
		..1.		WTRICNCL	"X'20" COMMAND IS CANCEL
		...1		WTRICALL	"X'10" COMMAND IS CALL
		.... 1..		WTRISYND	"X'08" WTR SYNC HAS BEEN DONE
		.... .1..		WTRIJOB	"X'04" JOB SELECTED
		.... ..1.		WTRIDSS	"X'02" DATA SET SELECTED
		.... ...1		WTRIMNT	"X'01" MOUNT CONDITION
3459	(D83)	BITSTRING	1	WTRIFLG1	SAVE AREA FOR OSEDFLG1
3460	(D84)	BITSTRING	1	WTRIFLG2	FLAGS
----- DEFINITION OF WTRIFLG2 -----					
End of Comment					
		1...		WTRIOS	"X'80" WTR WILL SELECT NEW OSE
		.1..		WTRISTUP	"X'40" COMMAND IMPLEMENTATION IN #096 SETUP PROCESSING. #096
		..1.		WTRINNPR	"X'20" NO NPRO VALUE SPECIFIED 3013
		...1		WTRIREOF	"X'10" EOF ON REPOSITIONING FWD
		.... 1..		WTRISTER	"X'08" SYNTAX ERROR DETECTED
		.... .1..		WTRIERIN	"X'04" PARAMETER ERROR DETECTED
		.... ..1.		WTRINEGV	"X'02" NOT ATTRIBUTE
		.... ...1		WTRIPFOK	"X'01" WTRIPFOR HAS A VALID VALUE
3461	(D85)	BITSTRING	1	WTRIFLG3	FLAG BYTE
----- DEFINITION OF WTRIFLG3 -----					
End of Comment					
		1...		WTRIDSBG	"X'80" DATA STARTED
		.1..		WTRIDSDN	"X'40" DATA COMPLETED
		..1.		WTRIPAGE	"X'20" REPOSITION BY PAGES
		...1		WTRIDSLD	"X'10" DATA SET LABEL EXIT CALLED
		.... 1..		WTRITRNC	"X'08" SHORT OUTPUT REQUIRED
		.... .1..		WTRIRSCD	"X'04" JOB RESCHEDULE REQUIRED
		.... ..1.		WTRIRJPE	"X'02" TERMINATE BY RJP CANCEL
		.... ...1		WTRIKPJS	"X'01" KEEP JOB START PPQ/PDQ
3462	(D86)	BITSTRING	1	WTRIFLG4	FLAG BYTE
----- DEFINITION OF WTRIFLG4 -----					
End of Comment					
		1...		WTRIEND	"X'80" TERMINATION FLAG
		.1..		WTRIHOT	"X'40" HOT WRITER FLAG
		..1.		WTRIRSCH	"X'20" JOB RESCHEDULE REQUIRED
		...1		WTRIDLE	"X'10" HOT WRITER GOING IDLE

IATYWTR3 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... 1...		WTRICHNG	"X'08" OSE RESCHEDULE REQUIRED
		.... .1..		WTRINDSR	"X'04" DATA SET RESCHEDULE REQUIRED
		.... ..1.		WTRICPPL	"X'02" PLUS COPIES OPTION
		.... ...1		WTRICPMI	"X'01" MINUS COPIES OPTION
3463	(D87)	BITSTRING	1	WTRIFLG5	FLAG BYTE
----- Comment -----					
----- DEFINITION OF WTRIFLG5 -----					
----- End of Comment -----					
		1...		WTRISREQ	"X'80" SETUP REQUIRED
		.1..		WTRIJOB	"X'40" JOB SELECTED FLAG
		..1.		WTRIDS	"X'20" DATASET SELECTED FLAG
		...1		WTRIMANM	"X'10" DYNAMIC MANUAL MODE
		.... 1...		WTRINONE	"X'08" OPEN LABEL=NONE REQUIRED
		.... .1..		WTRIDSOP	"X'04" DATA SET HAS BEEN OPENED
		.... ..1.		WTRIWMSG	"X'02" WAIT MSG QUEUED
		.... ...1		WTRIVLOR	"X'01" VOL LABEL OPEN REQUIRED
3464	(D88)	BITSTRING	1	WTRIFLG6	FLAG BYTE
----- Comment -----					
----- DEFINITION OF WTRIFLG6 -----					
----- End of Comment -----					
		1...		WTRIJDSH	"X'80" JDS HELD - RELEASE REQUIRED WHEN SETTING THIS BIT, 0712 ALSO STORE THE OWNING RSQ 0712 ADDRESS IN FIELD WTRWPRSQ 0712
		.1..		WTRIKDSI	"X'40" KEEP DSISO DS, DO NOT PURGE
		..1.		WTRIPRAG	"X'20" AGETMAIN ISSUED FOR PRMODE OPTION PARM BUFFER
		...1		WTRICCWB	"X'10" CCW BUILT FOR IATXOSP
		.... 1...		WTRIPAGF	"X'08" PAGE FOR IATODPX IS FIXED
		.... .1..		WTRIOSL	"X'04" IATOSXX HAS BEEN LOADED
		.... ..1.		WTRIINL	"X'02" INPUT MOD HAS BEEN LOADED
		.... ...1		WTRI7072	"X'01" REQUEST MSG IAT7072 ISSUED
----- Comment -----					
----- DEFINITION OF WTRIFLG8 -----					
----- End of Comment -----					
3465	(D89)	BITSTRING	1	WTRIFLG8	Flag byte 8
		1...		WTRiopNS	"X'80" Open with LABEL=SETUP issued in IATOSWD
		.1..		WTRIOSEN	"X'40" WTRIOSE has been changed during RELDS incomplete.
3466	(D8A)	BITSTRING	1	WTRINDX	RETURN INDEX FOR INPUT MSG
----- Comment -----					
----- DEFINITION OF WTRINDX -----					
----- End of Comment -----					
3466	(D8A)	X'0'	0	WTRiJS	"0" JOB SELECT
3466	(D8A)	X'4'	0	WTRiSU	"WTRiJS+4" DEVICE SETUP
3466	(D8A)	X'8'	0	WTRiVO	"WTRiSU+4" VOLUME OPEN

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
3466	(D8A)	X'C'	0	WTRIRM	"WTRIVO+4" READY MESSAGE
3466	(D8A)	X'10'	0	WTRIDSO	"WTRIRM+4" DATA SET OPEN
3466	(D8A)	X'14'	0	WTRIDSR	"WTRIDSO+4" DATA SET REPOSITIONING
3466	(D8A)	X'18'	0	WTRIDL	"WTRIDSR+4" DEBLOCK LOOP
3466	(D8A)	X'1C'	0	WTRIEP	"WTRIDL+4" EOD PUT
3466	(D8A)	X'20'	0	WTRIPT	"WTRIEP+4" PUT TRUNCATE
3466	(D8A)	X'24'	0	WTRIPO	"WTRIPT+4" PUT OUTPUT
3466	(D8A)	X'28'	0	WTRIDSD	"WTRIPO+4" DATA SET DONE
3466	(D8A)	X'2C'	0	WTRIDSC	"WTRIDSD+4" DATA SET COMPLETE
3466	(D8A)	X'30'	0	WTRIGNO	"WTRIDSC+4" GET NEXT OSE
3466	(D8A)	X'34'	0	WTRITLC	"WTRIGNO+4" TRAILER LABEL CLOSE

Comment

END OF AREA DUMPED BY SPECIFYING D ON THE X, S, R
OR C COMMAND FOR NON-FSS MODE WRITERS. FOR WRITERS IN
FSS MODE SEE WTRFFLG1.

End of Comment

3467	(D8B)	BITSTRING	1	WTRIFLG7	FLAG BYTE
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Comment

DEFINITION OF WTRIFLG7

End of Comment

		1... ..		WTRISMFT	"X'80" DO NOT CLEAR SMF6WST (WTR START TIME)
		.1.		WTRISMFL	"X'40" RESET SMF6 LINE AND PAGE COUNTS BECAUSE DATA SET END PPQ WAS RESCHEDULED
		..1.		WTRFBUSY	"X'20" FSS DRIVER (OSFD) HAS GIVEN CONTROL TO THE COMMAND PROCESSOR
3468	(D8C)	BITSTRING	1	WTRIRSFL	RESERVED FOR FLAG
3472	(D90)	SIGNED	4	WTRWPRSQ	Pointer to JDS-owning RQ
3476	(D94)	ADDRESS	4	WTRIJMRD	If non-zero, pointer to the OSE data set section used for IATXJMR
3480	(D98)	ADDRESS	4	WTRIJMRQ	Pointer to the JMR-owning RQ
3484	(D9C)	SIGNED	4	WTRIRSV2 (2)	Reserved for development
3492	(DA4)	CHARACTER	8	WTRLOGNM	Job name for login message of restored PPQ entry
3500	(DAC)	CHARACTER	8	WTRLOGID	Job id for login message of restored PPQ entry
3508	(DB4)	SIGNED	4	WTRIREPO	REPOSITION COUNT FROM CKPNT
3512	(DB8)	SIGNED	4	WTRIRSV4	RESERVED FOR USER

Comment

THE FOLLOWING WSP ADDRESS IS USED IN MODULE IATOSWP FOR
IATXOSWS REQUESTS TO INSURE THE VALIDITY OF THE WRITER
DRIVER WSP FOR NON CHANNEL ORIENTED OUTPUT DEVICES.
(I.E. 3800)

End of Comment

3516	(DBC)	ADDRESS	4	WTRWSPAA	POINT TO WSP IN SECOND PAGE -- OF YWTR EXPANSION
3520	(DC0)	BITSTRING	1	WTRISYSE (0)	END OF AREA ZEROED DURING IATOSWD INITIALIZATION
3520	(DC0)	BITSTRING	1	WTRIZLEN (0)	L' IS SIZE TO ZERO
0	(0)	X'4'	0	WTRDQRTN	"4" CONS SERVICES QUEUE RETURN
0	(0)	X'8'	0	WTRDRRTN	"8" CONS SERVICES REJECT RETURN
3612	(E1C)	BITSTRING	16	WTRDRSVD	RESERVED FOR DEVELOPMENT

IATYWTR3 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
End of Comment					
		IFASMFR 6			
		THIS LINE DELETED BY APAR OZ84504			
		%IFABGN1 ;			
		METHOD OF ACCESS			
		PL/S - USER DEFINES MACRO VARIABLE IFARXX WHERE XX=RECORD NUM			
		DECLARE SMFXXPTR PTR(31) OR RESPECIFY FOR BASE			
		INCLUDE MACRO FROM LIBRARY			
		EXAMPLE %IFAR08 = 'YES', NOTE. THE COMMA REP-			
		DCL SMF08PTR PTR(31), RESENTS A SEMI-COLON			
		%INCLUDE SYSLIB(IFASMFR), BUT ISN'T TO AVIOD			
		A DIAGNOSTIC.			
		THIS MACRO PROCESSES RECORDS IN THE RANGE 00-06. IT			
		ACTS AS A ROUTER TO OTHER MACROS TO PROCESS OTHER			
		RECORDS AS FOLLOWS:			
		MACRO RECORDS			
		IFASMFR1 07-19			
		IFASMFR2 20-27			
		IFASMFR3 28-36			
		IFASMFR4 37-46			
		IFASMFR5 47-54			
		IFASMFR6 55-69			
		IFASMFR9 80-84			
		IFASMFR8 85-103			
		IFASMFRB 104-113			
		IFASMFRC 114-123			
		IFASMFRC 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).			
		IN JES2, THIS RECORD IS WRITTEN FOR EACH JOB OUTPUT ELEMENT,			
		WHICH REPRESENTS A GROUP OF DS DIFFERENTIATED BY PUNCH OR			
		PRINTER SETUP & TYPE OF OUTPUT(EG HELD VS NON-HELD).			
		FOR JES3, WRITTEN FOR EACH COPY OF A DATA SET			
End of Comment					
3628	(E2C)	SIGNED	4	(0)	ALIGN TO FULL WORD BOUNDARY
3628	(E2C)	X'E2C'	0	SMFRCD6	*** HEADER SEGMENT
3628	(E2C)	BITSTRING	2	SMF6LEN	RECORD LENGTH
3630	(E2E)	BITSTRING	2	SMF6SEG	SEGMENT DESCRIPTOR
3632	(E30)	BITSTRING	1	SMF6FLG	HEADER FLAG BYTE
3633	(E31)	BITSTRING	1	SMF6RTY	RECORD TYPE 6
3633	(E31)	X'6'	0	SMFJ6	"6" PRINT/PUNCH RECORD TYPE
3634	(E32)	BITSTRING	4	SMF6TME	TOD, USING FORMAT FROM TIME MACRO W/BIN. INTVL
3638	(E36)		4	SMF6DTE	DATE IN PACKED DECIMAL FORM: 00YYDDDF
3642	(E3A)	CHARACTER	4	SMF6SID	SYSTEM IDENTIFICATION Y02901
3646	(E3E)	CHARACTER	8	SMF6JBN	JOB NAME
3654	(E46)	BITSTRING	4	SMF6RST	RDR START TIME, TIME JOB CARD 1ST READ
3658	(E4A)		4	SMF6RSD	READER START DATE 00YYDDDF
3662	(E4E)	CHARACTER	8	SMF6UIF	USER ID FIELD
3670	(E56)	CHARACTER	1	SMF6OWC	OUTPUT WTR CLASS, BLANK FOR NON-SYSOUT
3671	(E57)	BITSTRING	4	SMF6WST	WRITER START TIME
3675	(E5B)		4	SMF6WSD	WRITER START DATE
3679	(E5F)	BITSTRING	4	SMF6NLR	# OF LOGICAL RECORDS HANDLED BY WRITER PER FORM # PER CLASS, INCLUDES REPEATS AND RESTARTS.
3683	(E63)	BITSTRING	1	SMF6IOE	IO ERROR INDICATOR: BITS 0-4 RESERVED Y02120
		.... .1..		SMF6DIE	"X'04" 5 - DATA INPUT ERROR 6 - RESV Y02120
		.... ...1		SMFCBIE	"X'01" 7 - CONTROL BLOCK INPUT ERROR

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
3684	(E64)	BITSTRING	1	SMF6NDS	# OF DATA SETS PROCESSED BY THE OUTPUT Y02120 WRITER AND INCLUDED IN THIS RECORD. Y02120 (COUNT FOR EACH TIME A DS IS PRINTED) Y02120 DOES NOT INCLUDE RESTARTS.
3685	(E65)	CHARACTER	4	SMF6FMN	FORM NUMBER
3689	(E69)	BITSTRING	1	SMF6PAD1	STATUS INDICATORS - THE SECTIONS WILL BE IN THE ORDER LISTED BELOW WHEN THE BIT IS TURNED ON BIT MEANING
		1... ..		SMF6FEXT	"X'80" 0 1 - FIRST EXTENSION PRESENT
		.1.. ..		SMF6REXT	"X'40" 1 1 - COMMON SECTION PRESENT
		..1.		SMF6SEXT	"X'20" 2 1 - SECOND EXTENSION PRESENT
		...1		SMF6ESS1	"X'10" 3 1 - ENHANCED SYSOUT SECTION PRESENT
		.... 1..		SMF6FTFR	"X'08" 4 1 - FILE TRANSFER SECTION PRESENT 5-7 RESERVED
3690	(E6A)	BITSTRING	2	SMF6SBS	SUBSYSTEM GENERATING ID EXTWTR=0, JES2=2, JES3=5, PSF=7, IP PrintWay = 9
3692	(E6C)	BITSTRING	2	SMF6LN1	LENGTH OF SECTION INCLUDING THIS FIELD
3694	(E6E)	BITSTRING	1	SMF6DCI	DS CONTROL INDICATORS FOR DATA GROUP
		1... ..		SMF6DCRV	"X'80" 0 - RESERVED
		.1.. ..		SMF6SDS	"X'40" 1 - SPUN OFF DS
		..1.		SMF6OCN	"X'20" 2 - TERMINATED BY OPERATOR
		...1		SMF6ORD	"X'10" 3 - INTERRUPTED BY OPERATOR (JES2) OPERATOR RESTARTED DATA SET WITH DESTINATION (JES3)
		.... 1..		SMF6OR	"X'08" 4 - RESTARTED BY OPERATOR
		.... .1..		SMF6ROR	"X'04" 5 - CONT OF INTERRUPTED GROUP (JES2) RECEIVED OP RESTARTED DS(JES3)
		.... ..1.		SMF6OSS	"X'02" 6 - CARRIAGE OVERRIDEN BY OPER(JES2) OPERATOR STARTED WITH SINGLE SPACE(JES3)
		.... ...1		SMF6INT	"X'01" 7 - PUNCH WAS INTERPRETED
3695	(E6F)	BITSTRING	1	SMF6INDC	INDICATOR BITS BITS 0-3 ARE RESERVED FOR FUTURE EXPANSION OF DATASET CONTROL INDICATORS BITS 4-7 ARE RECORD LEVEL INDICATORS IN BIT VALUE FORMAT. EXAMPLE: LEVEL 1=X'01' LEVEL 12=X'0C' LEVEL 15=X'0F' THIS NUMBER WILL BE INCREMENTED BY 1 EACH TIME A NEW RELEASE CHANGES THE RECORD
		.... ...1		SMF6LEV2	"X'01" THIS VARIABLE IS FOR JES2 TO SET THE LEVEL INDICATOR BITS.
		.... ..11		SMF6J2L3	"X'03" THIS VARIABLE IS FOR JES2 TO SET THE LEVEL INDICATOR BITS.
		.... .1..		SMF6J2L4	"X'04" THIS VARIABLE IS FOR JES2 TO SET THE LEVEL INDICATOR BITS FOR SECURITY SUPPORT
		.... ...1		SMF6LEV3	"X'01" THIS VARIABLE IS FOR JES3 TO SET THE LEVEL INDICATOR BITS.
		.... ..11		SMF6J3L3	"X'03" THIS VARIABLE IS FOR JES3 TO SET THE LEVEL INDICATOR BITS.
		.... .1..		SMF6J3L4	"X'04" THIS VARIABLE IS FOR JES3 TO SET THE LEVEL INDICATOR BITS FOR SECURITY SUPPORT INDICATOR BITS.
		.... .1.1		SMF6LEV4	"X'05" MVS/JES2 RELEASE 4.1.0
		.... .11.		SMF6LEV6	"X'06" PSF/MVS RELEASE 3.1.0
		.... .111		SMF6LEV7	"X'07" Z/OS RELEASE V1R5
3696	(E70)	CHARACTER	4	SMF6JNM	WHEN SMF6INDC CONTAINS A X'1', THIS FIELD CONTAINS A FOUR-DIGIT EBCDIC JOB NUMBER. WHEN SMF6INDC CONTAINS A X'3' OR GREATER, AND THE JOB NUMBER HAS MORE THAN 4 DIGITS, THIS FIELD CONTAINS ZEROS. IF THE JOB NUMBER IS < OR = TO 9999, THIS FIELD CONTAINS THE JOB NUMBER. FOR AN APPC TRANSACTION, THIS FIELD CONTAINS ZEROES. THE CORRECT JOB NUMBER OR APPC TRANSACTION ID IS FOUND IN SMF6JBID.
3700	(E74)	CHARACTER	8	SMF6OUT	LOGICAL OUTPUT DEVICE NAME FOR THE 3820, ACF/VTAM LOGICAL UNIT NAME
3708	(E7C)	CHARACTER	4	SMF6FCB	FCB ID Y02120

IATYWTR3 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
3712	(E80)	CHARACTER	4	SMF6UCS	UCS ID Y02120 END OF RECORD FOR EXTERNAL WTR
3716	(E84)	BITSTRING	4	SMF6PGE	APPROXIMATE PHYSICAL PAGE COUNT
3716	(E84)	X'E88'	0	SMF6J2S	*** BEGIN JES2 ONLY SECTION
3720	(E88)	BITSTRING	2	SMF6RTE	OUTPUT ROUTE CODE OR ZERO
3722	(E8A)	BITSTRING	1	SMF6END2 (0)	END OF JES2 RECORD
3722	(E8A)	BITSTRING	0	SMF6SIZ2 (0)	SIZE OF JES2 SMF6 RECORD EXCLUDING OPTIONAL EXTENSIONS
3722	(E8A)	BITSTRING	0	SMF6SIZ3 (0)	SIZE OF JES2 SMF6 RECORD FROM SMF6LN1 TO HERE
3720	(E88)	X'E88'	0	SMF6J3S	*** BEGIN JES3 ONLY SECTION
3720	(E88)	BITSTRING	2	SMF6DFE	DATA FORMAT ERROR INDICATORS BITS 0-5 RESV
		.... ..1.		SMF6CCE	"X'02" 6 - SOME 1ST CHAR CONTROL DATA BAD, DEFAULT USED
		.... ..1		SMF6RBE	"X'01" 7 - BAD RECORD LENGTH(TRUNCATE OR PAD) 8-15 RESV
3722	(E8A)	BITSTRING	2	SMF6OPR	OUTPUT PRIORITY
3724	(E8C)	CHARACTER	8	SMF6GRP	LOGICAL OUTPUT DEVICE GROUP NAME
3732	(E94)	CHARACTER	8	SMF6RSVJ	RESERVED FOR JES3
3740	(E9C)	CHARACTER	4	SMF6RSVU	RESERVED FOR USER
3744	(EA0)	BITSTRING	1	SMF6END (0)	END OF JES3 RECORD
3744	(EA0)	BITSTRING	0	SMF6SIZ (0)	SIZE OF JES3 SMF6 RECORD EXCLUDING OPTIONAL EXTENSIONS
3744	(EA0)	BITSTRING	1	SMF6LSIZ (0)	SIZE OF JES3 SMF6 RECORD FROM SMF6LN1 TO HERE

Comment

FIRST EXTENSION - NON-IMPACT PRINTING SUBSYSTEM SECTION
 THIS SECTION WILL ONLY BE PRESENT WHEN
 SMF6SBS IS SET TO 2, 5 OR 7 INDICATING THAT
 JES2, JES3 OR PSF HAS GENERATED THIS RECORD

End of Comment

3692	(E6C)	BITSTRING	2	SMF6LN2	LENGTH FIRST EXTENSION INCLUDING THIS FLD
3694	(E6E)	CHARACTER	1	SMF6CPS (8)	COPIES DISTRIBUTION
3702	(E76)	CHARACTER	4	SMF6CHR (4)	TRANSLATE TABLE NAMES FRO CHARS PARM
3718	(E86)	CHARACTER	4	SMF6MID	COPY MODIFICATION MODULE NAME
3722	(E8A)	CHARACTER	4	SMF6FLI	FLASH OVERLAY NAME
3726	(E8E)	BITSTRING	1	SMF6FLC	NUMBER OF COPIES FLASHED
3727	(E8F)	BITSTRING	1	SMF6BID	FLAG BYTE
		1... ..		SMF6BTS	"X'80" THE BTSS WAS USED FOR OUTPUT
		.1... ..		SMF6OPJ	"X'40" OPTCD=J WAS USED FOR OUTPUT
		..1.		SMF6CSP	"X'20" CUT SHEET PRINTER
3728	(E90)	BITSTRING	1	SMF6FEND (0)	END OF FIRST EXTENSION
3728	(E90)	BITSTRING	1	SMF6FSIZ (0)	SIZE OF FIRST EXTENSION

Comment

COMMON SECTION - THIS SECTION IS AN EXTENSION OF THE FIXED
 HEADER SECTION AND WILL BE WRITTEN BY ALL
 GENERATORS OF THE TYPE 6 RECORD. THIS WAS
 PREVIOUSLY CALLED THE ROUTING SECTION.

End of Comment

3692	(E6C)	BITSTRING	2	SMF6LN3	LENGTH OF SECTION INCLUDING THIS FIELD
3694	(E6E)	CHARACTER	4	SMF6ROUT	OUTPUT ROUTE CODE
3698	(E72)	CHARACTER	8	SMF6EFMN	OUTPUT FORM NUMBER
3706	(E7A)	BITSTRING	1	SMF6REND (0)	END OF OLD ROUTING SECTION
3706	(E7A)	BITSTRING	0	SMF6RSIZ (0)	SIZE OF OLD ROUTING SECTION
3706	(E7A)	CHARACTER	16		RESERVED
3722	(E8A)	CHARACTER	8	SMF6JBID	JOB ID
3730	(E92)	CHARACTER	8	SMF6STNM	STEPNAME
3738	(E9A)	CHARACTER	8	SMF6PRNM	PROCEDURE STEP NAME
3746	(EA2)	CHARACTER	8	SMF6DDNM	DD NAME

Offsets

Dec	Hex	Type/Value	Len	Name (Dim)	Description
3754	(EAA)	CHARACTER	8	SMF6USID	USER ID
3762	(EB2)	CHARACTER	8	SMF6SECS	SECURITY LABEL (SECLABEL)
3770	(EBA)	CHARACTER	8	SMF6PRMD	PROCESSING MODE
3778	(EC2)	CHARACTER	53	SMF6DSNM	DATA SET RESOURCE NAME
3831	(EF7)	CHARACTER	3		RESERVED
3834	(EFA)	CHARACTER	20	SMF6OTOK	OUTPUT GROUP TOKEN
3854	(F0E)	BITSTRING	1	SMF6DEND (0)	END OF ROUTING SECTION
3854	(F0E)	BITSTRING	1	SMF6DSIZ (0)	SIZE OF ROUTING SECTION

Comment

ENHANCED SYSOUT SECTION

End of Comment

3692	(E6C)	BITSTRING	2	SMF6LN5	LENGTH ENHANCED SYSOUT SECTION INCLUDING THIS FIELD
3694	(E6E)	BITSTRING	4	SMF6SGID	SEGMENT IDENTIFIER
3698	(E72)	BITSTRING	1	SMF6IND	SECTION INDICATOR
		1... ..		SMF6SJF	"X'80" ERROR OBTAINING SWBTU - SWBTU DATA AREA NOT PRESENT
3699	(E73)	BITSTRING	1	SMF6RSV	RESERVED
3700	(E74)	CHARACTER	8	SMF6JDVT	JDVTNAME
3708	(E7C)	BITSTRING	2	SMF6TUL	SWBTU DATA AREA LENGTH
3710	(E7E)	CHARACTER	1	SMF6TU (0)	SWBTU DATA AREA - DATA AREA CAN BE PROCESSED USING SWBTUREQ MACRO
3710	(E7E)	BITSTRING	1	SMF6EEND (0)	END OF ENHANCED SYSOUT SECTION
3710	(E7E)	BITSTRING	1	SMF6ESIZ (0)	SIZE OF ENHANCED SYSOUT SEC. MOVED SMF6LN4 TO AOPSMF6 2 MOVED SMF6BNLN TO AOPSMF6 2 MOVED SMF6BNNO TO AOPSMF6 4 MOVED SMF6LN6 TO AOPSMF6 11

Comment

```
%AOPBGN1: ;
METHOD OF ACCESS
PLAS: %INCLUDE SYSLIB(AOPSMF6)
ASSEMBLER: AOPSMF6
NOTES:
      PL/AS - INCLUDED BY IFASMFR
      BAL - CALLED FROM IFASMFR
%GOTO AOPBGN2;
THIS IS AN SMF MACRO WHICH CONTROLS THE BUILDING OF PORTIONS OF
THE SMF TYPE 6 RECORD. THE SECTIONS ARE:
SECOND EXTENSION - APA SECTION - WRITTEN BY PSF (SMF6SBS=7)
MULTI-BINS HEADER SECTION - WRITTEN BY PSF (SMF6SBS=7)
MULTI-BINS COUNTER SECTION - WRITTEN BY PSF (SMF6SBS=7)
FILE TRANSFER SECTION - WRITTEN BY IP PRINTWAY (SMF6SBS=9)
SECOND EXTENSION - APA (ALL POINTS ADDRESSABLE) PRINTING
SUBSYSTEM SECTION
THIS SECTION WILL ONLY BE PRESENT WHEN
SMF6SBS IS SET TO 7 INDICATING THAT
PSF HAS GENERATED THIS RECORD
```

End of Comment

3692	(E6C)	BITSTRING	2	SMF6LN4	LENGTH SECOND EXTENSION INCLUDING THIS FLD
3694	(E6E)	BITSTRING	2	SMF6BNOF	OFFSET TO BIN SECTION
3694	(E6E)	BITSTRING	2	SMF6RES	RESERVED - REDEFINES SMF6BNOF
3696	(E70)	BITSTRING	4	SMF6FONT	NUMBER OF FONTS USED
3700	(E74)	BITSTRING	4	SMF6LFNT	NUMBER OF FONTS LOADED
3704	(E78)	BITSTRING	4	SMF6OVLY	NUMBER OF OVERLAYS USED
3708	(E7C)	BITSTRING	4	SMF6LOLY	NUMBER OF OVERLAYS LOADED
3712	(E80)	BITSTRING	4	SMF6PGSG	NUMBER OF PAGE SEGMENTS USED
3716	(E84)	BITSTRING	4	SMF6LPSP	NUMBER OF PAGE SEGMENTS LOADED
3720	(E88)	BITSTRING	4	SMF6IMPS	COUNT OF LOGICAL IMPRESSIONS PROCESSED

IATYWTR3 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
3724	(E8C)	BITSTRING	4	SMF6FEET	NUMBER OF FEET OF DOCUMENT PRINTED (ZERO FOR THE 3820)
3728	(E90)	BITSTRING	4	SMF6PGDF	NUMBER OF PAGEDEFS USED
3732	(E94)	BITSTRING	4	SMF6FMDF	NUMBER OF FORMDEFS USED
3736	(E98)	BITSTRING	1	SMF6BIN	FLAG BYTE
		1...		SMF6BIN1	"X'80" BIN1 WAS USED FOR ANY PART OF THE DATA SET
		.1..		SMF6BIN2	"X'40" BIN2 WAS USED FOR ANY PART OF THE DATA SET
		..1.		SMF6BIN3	"X'20" BIN3 WAS USED FOR ANY PART OF THE DATA SET
		...1		SMF6BIN4	"X'10" BIN4 WAS USED FOR ANY PART OF THE DATA SET
3737	(E99)	BITSTRING	1	SMF6PGOP	FLAG BYTE
		1...		SMF6DUPS	"X'80" STNDARD DUPLEX WAS USED FOR ANY PART OF DS
		.1..		SMF6DUPT	"X'40" TUMBLE DUPLEX WAS USED FOR ANY PART OF DS
		..1.		SMF6SYSA	"X'20" KEYWORD SYSAREA=Y
		...1		SMF6DPGL	"X'10" KEYWORD DPAGELBL=Y
		.... 1..		SMF6SUCC	"X'08" PRINT OPERATION WAS SUCCESSFUL
		.... .1..		SMF6SPGL	"X'04" KEYWORD SPAGELBL=Y
		.... ..1.		SMF6SOER	"X'02" ERROR OCCURRED PROCESSING SECURITY OVERLAY
		.... ...1		SMF6IGER	"X'01" IMAGE GENERATOR OVERRUN ERROR OCCURRED
3738	(E9A)	BITSTRING	1	SMF6FLG3	FLAG BYTE
		1...		SMF6SLIG	"X'80" SECURITY LABEL INTEGRITY GUARANTEED
		.1..		SMF6JHPP	"X'40" THE JOB HEADER PAGE WAS PRINTED
		..1.		SMF6JTTP	"X'20" THE JOB TRAILER PAGE WAS PRINTED
		...1		SMF6DPLS	"X'10" DATA PAGE LABELING WAS SUPPRESSED
		.... 1..		SMF6UPAS	"X'08" USER PRINTABLE AREA WAS SUPPRESSED
3739	(E9B)	BITSTRING	1	SMF6APAL	LEVEL INDICATOR FOR APA SECTION
		.... ...1		SMF6APA1	"X'01" INITIAL LEVEL OF APA SECTION
3740	(E9C)	BITSTRING	4	SMF6NSOL	NUMBER OF SECURITY OVERLAYS USED
3744	(EA0)	BITSTRING	4	SMF6NSFO	NUMBER OF SECURITY FONTS USED
3748	(EA4)	BITSTRING	4	SMF6NSPS	NUMBER OF SECURITY PAGE SEGMENTS USED
3752	(EA8)	CHARACTER	8	SMF6FDNM	FORMDEF NAME
3760	(EB0)	CHARACTER	8	SMF6PDNM	PAGEDEF NAME
3768	(EB8)	CHARACTER	8	SMF6PTDV	PRINTDEV NAME
3776	(EC0)	CHARACTER	32	SMF6OCNM	OBJECT CONTAINER NAME(S)
3776	(EC0)	CHARACTER	8	SMF6SETU	COMSETUP OBJECT CONTAINER NAME
3784	(EC8)	CHARACTER	8		RESERVED OBJECT CONTAINER NAME
3792	(ED0)	CHARACTER	8		RESERVED OBJECT CONTAINER NAME
3800	(ED8)	CHARACTER	8		RESERVED OBJECT CONTAINER NAME
3808	(EE0)	BITSTRING	4	SMF6LPGE	Count of logical pages processed
3812	(EE4)	BITSTRING	1	SMF6SEND (0)	END OF SECOND EXTENSION
3812	(EE4)	BITSTRING	1	SMF6SSIZ (0)	SIZE OF SECOND EXTENSION

Comment

MULTI-BINS HEADER SECTION (OFFSET DEFINED BY SMF6BNOF)

End of Comment

3628	(E2C)	BITSTRING	2	SMF6BNLN	LENGTH BINS SECTION INCLUDING THIS FLD
3630	(E2E)	BITSTRING	2	SMF6BNUM	NUMBER OF COUNTERS ENTRIES

Comment

MULTI-BINS COUNTER SECTION
- FOLLOWS "MULTI-BIN" HEADER SECTION

End of Comment

3628	(E2C)	BITSTRING	1	SMF6BNNO	BIN NUMBER
3629	(E2D)	BITSTRING	3	SMF6BNCT	BIN COUNTER

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
3632	(E30)	BITSTRING	2	SMF6BNLE	Paper length in millimeters
3634	(E32)	BITSTRING	2	SMF6BNWI	Paper width in millimeters

Comment

FILE TRANSFER SECTION

End of Comment

3692	(E6C)	BITSTRING	2	SMF6LN6	LENGTH OF FILE TRANSFER SECTION INCLUDING THIS FIELD
3694	(E6E)	BITSTRING	4	SMF6BYTE	TOTAL NUMBER OF BYTES SENT
3698	(E72)	BITSTRING	1	SMF6IP1	1ST SEGMENT OF TARGET ADDRESS
3699	(E73)	BITSTRING	1	SMF6IP2	2ND SEGMENT OF TARGET ADDRESS
3700	(E74)	BITSTRING	1	SMF6IP3	3RD SEGMENT OF TARGET ADDRESS
3701	(E75)	BITSTRING	1	SMF6IP4	4TH SEGMENT OF TARGET ADDRESS
3702	(E76)	BITSTRING	1	SMF6FTL	LEVEL INDICATOR FOR FILE TRANSFER SECTION
		.... ...1		SMF6FTL1	"X'01" Z/OS V1R5
3703	(E77)	CHARACTER	9		RESERVED
3712	(E80)	BITSTRING	2	SMF6URIL	Length of Host URI
3714	(E82)	BITSTRING	2	SMF6PQLN	Length of Print Queue Name
3716	(E84)	CHARACTER	24	SMF6PRTQ	Print Queue Name
3740	(E9C)	CHARACTER	1	SMF6URI (0)	Target Device URI
3740	(E9C)	BITSTRING	1	SMF6TEND (0)	END OF FILE TRANSFER SECTION
3740	(E9C)	BITSTRING	1	SMF6TSIZ (0)	SIZE OF FILE TRANSFER SECTION

Comment

THIS LINE DELETED BY APAR OZ84504

End of Comment

3628	(E2C)	BITSTRING	116	WTR06BSP	ALLOCATE SPACE - SMF6 BASE
3744	(EA0)	BITSTRING	216	WTR06XSP	ALLOW SPACE FOR SMF6 EXTENTIONS 0371 0371
					0371
3960	(F78)	BITSTRING	1	WTR06TOT (0)	REC.SIZE.

Comment

THIS LINE DELETED BY APAR OY45626
DATA ADDRESSABLE VIA PRIOR ADDRESS CONSTANTS

End of Comment

4096	(1000)	SIGNED	4	WTRSTRT2 (0)	
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Comment

THE FOLLOWING WSP IS USED IN MODULE IATOSWP FOR IATXOSWS
REQUESTS TO INSURE THE VALIDITY OF THE WRITER DRIVER
WSP FOR NON CHANNEL ORIENTED OUTPUT DEVICES. (I.E. 3800)
POINTED TO BY WTRWSPAA.

End of Comment

4096	(1000)	SIGNED	4	(0)	Alignment for the WSP
4096	(1000)	BITSTRING	0	WTRPWSPA (0)	
4096	(1000)	BITSTRING	1	(0)	
4456	(1168)	BITSTRING	1	(0)	

Offsets

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

IATYWTR3 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
IATYMOD BR=NO					
JES3 MODULE ENTRY POINT IDENTIFIER					
01 Change Activity:					
\$SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0					
End of Comment					
0	(0)	CHARACTER	8		MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM
36	(24)	SIGNED	2		PAD
38	(26)	BITSTRING	1	WTROFLG1	FLAG BYTE 1
Comment					

DEFINITION OF WTROFLG1					

End of Comment					
		1... ..		WTROOVER	"X'80" OVERFLOW ON CHANNEL 12
		.1.		WTROINT	"X'40" INTERPRET PUNCH OUTPUT
		..1.		WTROINTP	"X'20" PUNCH HAS PRINT FEATURE
		...1		WTROINTM	"X'10" MULTI-LINE PR OR EJECT REQ
		.... 1..		WTROASA	"X'08" ASA CONTROL CHARACTERS
		.... .1..		WTROMCH	"X'04" MACHINE CONTROL CHARS
		.... ..1.		WTROSPC2	"X'02" FORCE DOUBLE SPACE
		.... ...1		WTROSPC1	"X'01" FORCE SINGLE SPACE
39	(27)	BITSTRING	1	WTROFLG2	FLAG BYTE 2
Comment					

DEFINITION OF WTROFLG2					

End of Comment					
		1... ..		WTROEJRQ	"X'80" EJECT REQUIRED
		.1.		WTROEJDN	"X'40" EJECT DONE
		..1.		WTROSREC	"X'20" SHORT RECORD FLAG
		...1		WTROSPLT	"X'10" SPLIT RECORD FLAG
		.... 1..		WTROTRNC	"X'08" TRUNCATE CCW STRING
		.... .1..		WTRODVOP	"X'04" OUTPUT DEVICE OPEN
		.... ..1.		WTROEXCP	"X'02" EXCP LEVEL OUTPUT
		.... ...1		WTROERSE	"X'01" ERROR ROUTINE SECOND ENTRY
Comment					

SNARJP FULLWORD VALUES					

End of Comment					
40	(28)	SIGNED	4	WTRSXLAT	PRINT TRANS TBL ADDR
44	(2C)	SIGNED	4	WTROSERR	ADDR OF SNA ERR RTN
48	(30)	SIGNED	4	WTRSRETN	RETN ADDR FOR IATXOSP
52	(34)	SIGNED	4	WTROER14	RETN ADDR FOR OSSNERR
56	(38)	SIGNED	4	WTROEC14	RETN ADDR FOR OSSNEOCH
60	(3C)	SIGNED	4	WTRSREGS (16)	REG SAVE FOR IATXOSP
124	(7C)	SIGNED	4	WTROERSV (16)	REG SAVE FOR OSSNERR

Offsets

Dec	Hex	Type/Value	Len	Name (Dim)	Description
188	(BC)	SIGNED	4	WTRSRTR1	HOLD/FREE BYTES
188	(BC)	X'BD'	0	WTRSMASK	"WTRSRTR1+1,1" HOLD BYTE
188	(BC)	X'BF'	0	WTRSCMPL	"WTRSRTR1+3,1" FREE BYTE
192	(C0)	SIGNED	4	WTROMLST (4)	DATA,COUNT LIST FOR IATXLRPT
208	(D0)	DBL WORD	8	WTROLCTB	CUR. COMPACTION TBL ON SESS.

Comment

WORK AREA

End of Comment

216	(D8)	DBL WORD	8	WTROWRK1	WORK AREA 1
224	(E0)	DBL WORD	8	WTROWRK2	WORK AREA 2
232	(E8)	DBL WORD	8	WTROWRK3	WORK AREA 3

Comment

BYTE VALUES

End of Comment

240	(F0)	BITSTRING	1	WTROEJCC	EJECT CC
241	(F1)	BITSTRING	1	WTROLCPY	COPIES IN LAST PDIR SENT
242	(F2)	BITSTRING	1	WTROLRCT	CURRENT REC CNT (CHNSIZE)
243	(F3)	BITSTRING	1	WTROPGCT	CURRENT PAGE CNT (CHAINSIZ)
244	(F4)	BITSTRING	1	WTROPTCC	TRANSLATED OR DEFAULT CARRIAGE CNTRL
245	(F5)	BITSTRING	1	WTROPCC1	CARRIAGE CNTRL TO PASS ON IATXLRPT

Comment

FLAG VALUES

End of Comment

246	(F6)	BITSTRING	1	WTROMCFL	INDICATOR FLG FOR IATXLRPT
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Comment

DEFINITION OF WTROMCFL

End of Comment

		1... ..		WTROFMCC	"X'80" IF ON CARRIAGE CTL IS ASA ELSE MACHINE
		.1.		WTROFMFC	"X'40" THIS LRPUT IS FOR FCB
		..1.		WTROFMEC	"X'20" SEND END OF CHAIN
		...1		WTROFMTN	"X'10" USE TRN
		.... 1...		WTROLDEN	"X'08" LINE DENSITY REQUEST (SNA)
247	(F7)	BITSTRING	1	WTROSNA1	OPEN FLAGS

Comment

DEFINITION OF WTROSNA1

End of Comment

		1... ..		WTROUX21	"X'80" DS HEADER EXIT IN CTL
		.1.		WTROOPEN	"X'40" OPEN NONE,REAL IS ACTIVE
		..1.		WTROMCRJ	"X'20" MUL. COPY REJ ON CURRENT DS
		...1		WTROSEDS	"X'10" EDS SENT,WSOPEN REQ'D

IATYWTR3 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... 1...		WTROSUSP	"X'08" WTR SESSION IS SUSPENDED WSOPEN REQ'D
		.... .1..		WTRouxIT	"X'04" USR XIT IN CTL (FOR PUT)
		.... ..1.		WTROWOPN	"X'02" WTR IS ACTIVE IN WSOPEN USED IN CASE INTV REQ'D IS RETURNED
		.... ...1		WTRORQOP	"X'01" INTV. REQ'D RETURNED FROM WSOPEN,OR SESSION ERR: NEW WSOPEN REQ'D
248	(F8)	BITSTRING	1	WTROSNA2	IATXOSP FLAG
Comment					
----- DEFINITION OF WTROSNA2 -----					
End of Comment					
		1...		WTROEOCR	"X'80" END OF CHAIN IS REQ'D
		.1..		WTRONXPG	"X'40" NEW 'PAGE' DETECTED
		..1.		WTROREPO	"X'20" SUSPENDED WTR REPOSITIONING
249	(F9)	BITSTRING	1	WTROSNA3	SNAERR FLAGS
Comment					
----- DEFINITION OF WTROSNA3 -----					
End of Comment					
		1...		WTROVOFF	"X'80" DEV VARIED OFF,SEND MSG
		.1..		WTROAMSG	"X'40" ERP MSG IS ACTION MSG
		..1.		WTROSESS	"X'20" SESSION WAS LOST
		...1		WTROINVR	"X'10" INTERVENTION REQ'D DETECTED
252	(FC)	SIGNED	4	(0)	
252	(FC)	X'D6'	0	WTROODSN	"*-WTROFLG1" LENGTH OF AREA TO ZERO
252	(FC)	CHARACTER	1	WTROPDIR (0)	PDIR STORAGE AREA
349	(15D)	CHARACTER	1	WTROBLAN	BLANK CARD FOR PUNCH
350	(15E)	ADDRESS	1	WTROMSG1	
351	(15F)	CHARACTER	6		
357	(165)	CHARACTER	1	ERRID	
358	(166)	CHARACTER	5		
363	(16B)	CHARACTER	8	ERRJBN	
371	(173)	CHARACTER	2		
373	(175)	CHARACTER	8	ERRJBID	
381	(17D)	CHARACTER	9		
390	(186)	CHARACTER	8	ERRDD	
398	(18E)	CHARACTER	1		
399	(18F)	CHARACTER	71	ERRRYPE	START OF BUILD AREA
470	(1D6)	BITSTRING	1	OSSN26E (0)	
470	(1D6)	ADDRESS	1	WTROMSG2	
471	(1D7)	CHARACTER	15		
486	(1E6)	CHARACTER	8	MSG2DD	
494	(1EE)	CHARACTER	1		
495	(1EF)	CHARACTER	24		
519	(207)	BITSTRING	1	OSSN25E (0)	
520	(208)	SIGNED	4	WTRORS5 (5)	RESERVED FOR DEVELOPMENT
540	(21C)	SIGNED	4	WTRORSS5 (5)	RESERVED FOR SERVICE
560	(230)	SIGNED	4	WTRORSU5 (5)	RESERVED FOR USER
580	(244)	SIGNED	4	WTROPTCH (6)	PATCH AREA

IATYWTR3 Cross Reference**Name**

ERRDD
ERRID
ERRJBID
ERRJBN
ERRTYPE

IATODSN
IATXOSCI
IATXOSCO
IATXOSG
IATXOSOI

IATXOSOO
IATXOSP
MSG2DD
M00M0054
OSSN25E

OSSN26E
SMFCBIE
SMFJ6
SMFRCD6
SMF6APAL

SMF6APA1
SMF6BID
SMF6BIN
SMF6BIN1
SMF6BIN2

SMF6BIN3
SMF6BIN4
SMF6BNCT
SMF6BNLE
SMF6BNLN

SMF6BNNO
SMF6BNOF
SMF6BNUM
SMF6BNWI
SMF6BTS

SMF6BYTE
SMF6CCE
SMF6CHR
SMF6CPS
SMF6CSP

SMF6DCI
SMF6DCRV
SMF6DDNM
SMF6DEND
SMF6DFE

SMF6DIE
SMF6DPGL
SMF6DPLS
SMF6DSIZ
SMF6DSNM

SMF6DTE
SMF6DUPS
SMF6DUPT
SMF6EEND
SMF6EFMN

IATYWTR3 Cross Reference

Name

SMF6END
SMF6END2
SMF6ESIZ
SMF6ESS1
SMF6FCB

SMF6FDNM
SMF6FEET
SMF6FEND
SMF6FEXT
SMF6FLC

SMF6FLG
SMF6FLG3
SMF6FLI
SMF6FMDF
SMF6FMN

SMF6FONT
SMF6FSIZ
SMF6FTFR
SMF6FTL
SMF6FTL1

SMF6GRP
SMF6IGER
SMF6IMPS
SMF6IND
SMF6INDC

SMF6INT
SMF6IOE
SMF6IP1
SMF6IP2
SMF6IP3

SMF6IP4
SMF6JBID
SMF6JBN
SMF6JDVT
SMF6JHPP

SMF6JNM
SMF6JTPP
SMF6J2L3
SMF6J2L4
SMF6J2S

SMF6J3L3
SMF6J3L4
SMF6J3S
SMF6LEN
SMF6LEV2

SMF6LEV3
SMF6LEV4
SMF6LEV6
SMF6LEV7
SMF6LFNT

SMF6LN1
SMF6LN2
SMF6LN3
SMF6LN4
SMF6LN5

SMF6LN6
SMF6LOLY
SMF6LPGE
SMF6LPSG
SMF6LSIZ

Name

SMF6MID
SMF6NDS
SMF6NLR
SMF6NSFO
SMF6NSOL

SMF6NSPS
SMF6OCN
SMF6OCNM
SMF6OPJ
SMF6OPR

SMF6OR
SMF6ORD
SMF6OSS
SMF6OTOK
SMF6OUT

SMF6OVLY
SMF6OWC
SMF6PAD1
SMF6PDNM
SMF6PGDF

SMF6PGE
SMF6PGOP
SMF6PGSG
SMF6PQLN
SMF6PRMD

SMF6PRNM
SMF6PRTQ
SMF6PTDV
SMF6RBE
SMF6REND

SMF6RES
SMF6REXT
SMF6ROR
SMF6ROUT
SMF6RSD

SMF6RSIZ
SMF6RST
SMF6RSV
SMF6RSVJ
SMF6RSVU

SMF6RTE
SMF6RTY
SMF6SBS
SMF6SDS
SMF6SECS

SMF6SEG
SMF6SEND
SMF6SETU
SMF6SEXT
SMF6SGID

SMF6SID
SMF6SIZ
SMF6SIZ2
SMF6SIZ3
SMF6SJF

SMF6SLIG
SMF6SOER
SMF6SPGL
SMF6SSIZ
SMF6STNM

IATYWTR3 Cross Reference

Name

SMF6SUCC
SMF6SYSA
SMF6TEND
SMF6TME
SMF6TSIZ

SMF6TU
SMF6TUL
SMF6UCS
SMF6UIF
SMF6UPAS

SMF6URI
SMF6URIL
SMF6USID
SMF6WSD
SMF6WST

WSPACONS
WSPAECF
WSPARQ
WSPASUP
WSPBCMPL

WSPBDTRQ
WSPBHLDC
WSPBHOLD
WSPBLBDT
WSPBLTCP

WSPBOTH
WSPBUFNC
WSPBUFN4
WSPCARR
WSPCCNTL

WSPCDE
WSPCDEST
WSPCHAIN
WSPCHNGE
WSPCKJBC

WSPCKJBI
WSPCKPRQ
WSPCKPT
WSPCLAS
WSPCLNUP

WSPCLSN
WSPCLSRT
WSPCLSS
WSPCMPL
WSPCPMOD

WSPCRJOB
WSPCSBT
WSPCTRL1
WSPCTRL2
WSPCVER

WSPDEL
WSPDEST
WSPDFDST
WSPDFLNE
WSPDM206

WSPDSHLD
WSPDSPTY
WSPDSRST
WSPDSTSK
WSPDUMPT

Name

WSPEND
WSPENF58
WSPERCVL
WSPERCVW
WSPEXTS

WSPFAILD
WSPFCBID
WSPFDB
WSPFDBS
WSPFDBSV

WSPFDBT
WSPFDBTB
WSPFFDBV
WSPFIRRQ
WSPFLAG

WSPFLASH
WSPFLGS
WSPFLG1
WSPFLG10
WSPFLG11

WSPFLG2
WSPFLG3
WSPFLG4
WSPFLG5
WSPFLG6

WSPFLG7
WSPFLG8
WSPFLG9
WSPFL708
WSPFORM

WSPFRSDD
WSPF1101
WSPF1102
WSPF1104
WSPF1108

WSPGET
WSPGETRL
WSPGJNAM
WSPGLOB1
WSPGTMND

WSPHCWNT
WSPHWLK
WSPHWWQP
WSPHWWSP
WSPIBDCI

WSPID
WSPIDENT
WSPIDJOT
WSPIDMJA
WSPIGR70

WSPIIQOS
WSPIMOCP
WSPIMOOS
WSPINTCP
WSPINTNR

WSPINTRS
WSPIOSB1
WSPIOSB2
WSPIOSB3
WSPIOSD1

IATYWTR3 Cross Reference

Name

WSPIOSD2
WSPIOSF1
WSPIOSF2
WSPIOSR2
WSPIOSSD

WSPIOSSO
WSPIOSTC
WSPIOSW1
WSPIOSW2
WSPPIP

WSPPIPURG
WSPISIOP
WSPJBFND
WSPJDS
WSPJOBCEM

WSPJOBID
WSPJOBRRP
WSPLEN
WSPLINE
WSPLTOS

WSPLTNO
WSPLTTC
WSPLTNO
WSPMASK
WSPMLREQ

WSPNDOPT
WSPNJE
WSPNJERC
WSPNJERD
WSPNJERT

WSPNOSAF
WSPNULL
WSPPOCHN
WSPOCNT4
WSPOFFST

WSPOFST
WSPOKRET
WSPOSA
WSPPOSE
WSPPOSEB4

WSPPOSEID
WSPPOSELK
WSPPOSEOF
WSPOSERD
WSPOSERL

WSPPOSEWR
WSPOSPC
WSPOSPND
WSPOSS
WSPOSSWB

WSPPOSTJC
WSPPOSTJI
WSPOUTBN
WSPPAGE
WSPPBKBP

WSPPECF
WSPPEND
WSPPENSA
WSPPGREL
WSPPMODE

Name

WSPPOSTD
WSPPRTY
WSPPSCPT
WSPPSDRT
WSPPSOSC

WSPPSOTM
WSPPTYPF
WSPPTYSV
WSPPUT
WSPQCHG

WSPRCAWR
WSPRCCL
WSPRCDAC
WSPRCDAT
WSPRCDMP

WSPRCERR
WSPRCINV
WSPRCJOB
WSPRCOUT
WSPRCPSO

WSPRCRQ
WSPRECRD
WSPREL
WSPRESQ
WSPRQACC

WSPRQADR
WSPRQCMP
WSPRQFDB
WSPRQINV
WSPRQPRM

WSPRQRQD
WSPRQWS
WSPRSTD
WSPRSTG
WSPRSVDV

WSPRSVD2
WSPRSVD7
WSPRSVD8
WSPRSVD9
WSPRSVFX

WSPRSVS3
WSPRSVS4
WSPRSVS5
WSPRSVS6
WSPRSVU1

WSPRSVU2
WSPRSV01
WSPRTNIN
WSPRTN20
WSPSADUM

WSPSAFFL
WSPSAPEN
WSPSAPRO
WSPSAVE
WSPSAVEA

WSPSAVE2
WSPSAVE3
WSPSAVE4
WSPSCHED
WSPSDWAD

IATYWTR3 Cross Reference

Name

WSPSECPT
WSPSELC
WSPSELD
WSPSELM
WSPSELMX

WSPSELT
WSPSIZE
WSPSKJOB
WSPSOTBN
WSPSRCHP

WSPSSCWA
WSPSSREQ
WSPSTA
WSPSTACK
WSPSTART

WSPSTRTD
WSPSWBID
WSPSWTR
WSPSYSRQ
WSPTEEND

WSPTEEND_V0
WSPTEJBC
WSPTEJBI
WSPTESIZ
WSPTESIZ_V0

WSPTESSO
WSPTESSO_V0
WSPTEUID
WSPTOKEN
WSPTPID

WSPTSO
WSPTYPE
WSPUCS
WSPUCSID
WSPUNSCH

WSPURSTA
WSPUSRID
WSPVER
WSPVER01
WSPWOSP

WSPWOSW
WSPWSTME
WSPWTRSC
WSPWTSCH
WSPXJMR

WSPYOSPC
WSP10R01
WSP10R02
WSP10R04
WSP10R08

WSP10R10
WSP206IS
WSP4BOSD
WSP4BOSE
WSP8RSV3

WTRCIMPL
WTRCRDS
WTRDAREA
WTRDATE
WTRDCCDB

Name

WTRDCDEP
WTRDCFLG
WTRDCLR
WTRDCMDQ
WTRDCRV5

WTRDCTAD
WTRDCTPG
WTRDCUPG
WTRDDCDB
WTRDDIAG

WTRDDSER
WTRDDSN
WTRDDSNF
WTRDDSNL
WTRDECFE

WTRDECFL
WTRDECF1
WTRDECF2
WTRDFAIL
WTRDFDJN

WTRDFLGI
WTRDFLGO
WTRDFSA
WTRDFSID
WTRDFSS

WTRDIARE
WTRDICDE
WTRDIDDN
WTRDIDEV
WTRDIMOD

WTRDINAM
WTRDINTS
WTRDINTV
WTRDINVO
WTRDISTY

WTRDITYP
WTRDJDST
WTRDJFLG
WTRDJFLS
WTRDJFRM

WTRDJID
WTRDJNAM
WTRDLDCM
WTRDLNST
WTRDLFCB

WTRDLFLS
WTRDLFRM
WTRDLGCR
WTRDLMRC
WTRDLMSG

WTRDLOCN
WTRDLUCS
WTRDMDDS
WTRDMDD2
WTRDMGAC

WTRDMGNA
WTRDMPRQ
WTRDMSAV
WTRDMSG
WTRDMSGF

IATYWTR3 Cross Reference

Name

WTRDMSGI
WTRDMSGO
WTRDMSGP
WTRDMSGR
WTRDMSK1

WTRDMSK2
WTRDM731
WTRDNAME
WTRDODDN
WTRDODEV

WTRDODV3
WTRDOFLG
WTRDOMOD
WTRDONAM
WTRDOSTY

WTRDOTOK
WTRDOTYP
WTRDPFLG
WTRDPGCT
WTRDPPSR

WTRDPSTF
WTRDQMSG
WTRDQRTN
WTRDRCDS
WTRDRCER

WTRDRFOR
WTRDRLJN
WTRDRRTN
WTRDRSQ
WTRDRSVD

WTRDRSV1
WTRDRSV2
WTRDRSV3
WTRDRSV5
WTRDRTOK

WTRDSADD
WTRDSECA
WTRDSECT
WTRDSNAM
WTRDSPRT

WTRDSTQ1
WTRDSTQ2
WTRDSTQ3
WTRDSTQ4
WTRDSTUP

WTRDSUPI
WTRDSUPO
WTRDTMEX
WTRDTMOT
WTRDTYPE

WTRDUDST
WTRDUFLG
WTRDUFLS
WTRDUFRM
WTRDWAIT

WTRDWSTM
WTRDXCDB
WTRDXCDB_KEYUSED_CMDIND

WTRDXCDB_XABEND

Name

WTRDXCDB_XABEND_NO
WTRDXCDB_XABEND_YES
WTRDXCDB_XCART
WTRDXCDB_XCMDIND_NO
WTRDXCDB_XCMDIND_YES
WTRDXCDB_XCNDB
WTRDXCDB_XCONSID
WTRDXCDB_XCONSNM
WTRDXCDB_XEYECATCH
WTRDXCDB_XFLAG1
WTRDXCDB_XFLAG2
WTRDXCDB_XINCNDB
WTRDXCDB_XKEYS
WTRDXCDB_XOPERATION_EXTRACTCART
WTRDXCDB_XOPERATION_EXTRACTCONSID
WTRDXCDB_XOPERATION_EXTRACTCONSNAME
WTRDXCDB_XOPERATION_EXTRACTCONSTYPE
WTRDXCDB_XOPERATION_EXTRACTROUT
WTRDXCDB_XOPERATION_INITIALIZE
WTRDXCDB_XOPERATION_RESET
WTRDXCDB_XOPERATION_TRANSCONSID
WTRDXCDB_XOPERATION_TRANSFER
WTRDXCDB_XOPERATION_TRANSROUT
WTRDXCDB_XOPERATION_UPDATE
WTRDXCDB_XOPERATION_VERIFY
WTRDXCDB_XOUTCART
WTRDXCDB_XOUTCNDB
WTRDXCDB_XOUTCONSID
WTRDXCDB_XOUTCONSNAME
WTRDXCDB_XOUTCONSTYPE

IATYWTR3 Cross Reference

Name

WTRDXCDB_XOUTROUT

WTRDXCDB_XROUT

WTRDXCDB_XRSV001

WTRDXCDB_XRSV002

WTRDXCDB_XUSERADDR

WTRDXCDB_XVERSION

WTRDXCDBL

WTRDYNAM

WTRENFDS

WTRENTNM

WTRFBUSY

WTRFCKAL

WTRFCLPI

WTRFCLR

WTRFCPER

WTRFCPIP

WTRFDCPI

WTRFDOSU

WTRFDRET

WTRFDSAD

WTRFDSUP

WTRFDUMP

WTRFDVRS

WTRFENQ

WTRFENQW

WTRFFAIL

WTRFFIT

WTRFFLGA

WTRFFLG1

WTRFFLG2

WTRFFLG3

WTRFFLG4

WTRFFLG5

WTRFFLG6

WTRFFLG7

WTRFFLG8

WTRFFLG9

WTRFFRIP

WTRFFSA

WTRFFSAA

WTRFFSRC

WTRFFSS

WTRFFSSA

WTRFGDEP

WTRFGDRN

WTRFGDSF

WTRFGRCM

WTRFGTRL

WTRFINEP

WTRFINZ0

WTRFISET

WTRFIWTO

WTRFJMRA

Name

WTRFJNDS
WTRFJNNX
WTRFJNWS
WTRFJOSL
WTRFJTRL

WTRFMANU
WTRFMFSS
WTRFMID
WTRFMPAD
WTRFMPLD

WTRFMPER
WTRFNCKP
WTRFNDMP
WTRFNEWS
WTRFOSDP

WTRFPDQC
WTRFPDQF
WTRFPDQL
WTRFPDQS
WTRFPORQ

WTRFPRIM
WTRFPURC
WTRFQREQ
WTRFQUET
WTRFRCFM

WTRFRCUR
WTRFRDEP
WTRFRECL
WTRFRESP
WTRFRLTM

WTRFRSCD
WTRFRSTR
WTRFRSVD
WTRFRSVS
WTRFRSVU

WTRFRSVX
WTRFRSV1
WTRFRDMI
WTRFRVA3
WTRFRVA4

WTRFRVA5
WTRFRVA6
WTRFSAAC
WTRFSAAD
WTRFSABN

WTRFSAFL
WTRFSARS
WTRFSASA
WTRFSATM
WTRFSDDN

WTRFSEET
WTRFSETE
WTRFSMSG
WTRFSNUM
WTRFSRS

WTRFSSAD
WTRFSSNM
WTRFSSSA
WTRFSTAR
WTRFSTAT

IATYWTR3 Cross Reference

Name

WTRFSTRS
WTRFSVAL
WTRFSV10
WTRFSWRK
WTRFSYET

WTRFSYWM
WTRFSYWT
WTRFTEEP
WTRFTREQ
WTRFUIR

WTRFUX45
WTRFVOFF
WTRFWOSU
WTRFWUAL
WTRF0FDB

WTRF3MSG
WTRGDPDQ
WTRGDSST
WTRIA
WTRIADR1

WTRIADR2
WTRIBEQ
WTRIC
WTRICALL
WTRICBEQ

WTRICCWB
WTRICEQ
WTRICFLC
WTRICHEQ
WTRICHNG

WTRICKEQ
WTRICKIV
WTRICKPG
WTRICKPT
WTRICKSC

WTRICLSP
WTRICMEQ
WTRICNCL
WTRICNTP
WTRICNTR

WTRICOPY
WTRICPEQ
WTRICPMI
WTRICPPL
WTRICPYC

WTRICPYE
WTRICPYN
WTRICPYS
WTRICPYT
WTRICTEQ

WTRICTKN
WTRICURR
WTRID
WTRIDBPM
WTRIDEQ

WTRIDL
WTRIDLE
WTRIDLES
WTRIDOFD
WTRIDS

Name

WTRIDSBG
WTRIDSC
WTRIDSD
WTRIDSDN
WTRIDSLD

WTRIDSO
WTRIDSOP
WTRIDSR
WTRIDSS
WTRIEND

WTRIEP
WTRIERIN
WTRIFDBI
WTRIFDBS
WTRIFEQ

WTRIFFDB
WTRIFLCN
WTRIFLEQ
WTRIFLG1
WTRIFLG2

WTRIFLG3
WTRIFLG4
WTRIFLG5
WTRIFLG6
WTRIFLG7

WTRIFLG8
WTRIG
WTRIGNO
WTRIHEQ
WTRIHLD

WTRIHOT
WTRIHRSN
WTRIHYP
WTRIINL
WTRIJ

WTRIJDSH
WTRIJDSP
WTRIJEQ
WTRIJMRD
WTRIJMRQ

WTRIJOB
WTRIJOB
WTRIJOB
WTRIKDSI
WTRIKPJS

WTRIL
WTRILEN1
WTRILEN2
WTRILEQ
WTRILNCT

WTRILPOS
WTRIM
WTRIMANM
WTRIMFLA
WTRIMFLB

WTRIMFLP
WTRIMFLS
WTRIMFL1
WTRIMFL2
WTRIMFL3

IATYWTR3 Cross Reference

Name

WTRIMFL4
WTRIMFL5
WTRIMFL6
WTRIMFL7
WTRIMFL8

WTRIMNT
WTRIMPM1
WTRIMPM2
WTRIMPM3
WTRIMPM4

WTRIMPM5
WTRIMPM6
WTRIMPM7
WTRIMPM8
WTRIM201

WTRIM202
WTRIM701
WTRIM702
WTRIM704
WTRIN

WTRINAV
WTRINDSR
WTRINDX
WTRINEGV
WTRINLCN

WTRINNPR
WTRINON
WTRINONE
WTRINOTS
WTRINOT1

WTRINOT2
WTRINPRO
WTRINTCN
WTRINVEQ
WTRiopNS

WTRIOS
WTRIOSE
WTRIOSEN
WTRIOSL
WTRIOSSZ

WTRIOTEQ
WTRIP
WTRIPAGE
WTRIPAGF
WTRIPAGS

WTRIPARM
WTRIPFOK
WTRIPFOR
WTRIPGEQ
WTRIPMEQ

WTRIPO
WTRIPOFF
WTRIPRAG
WTRIPT
WTRIPTK1

WTRIPTK2
WTRIPTRA
WTRIR
WTRIRCD
WTRIRCDS

Name

WTRIRCUR
WTRIREFOF
WTRIREFPO
WTRIREFQ
WTRIREFST

WTRIRJPE
WTRIRM
WTRIROEQ
WTRIRPOS
WTRIRQAD

WTRIRSCD
WTRIRSCH
WTRIRSFL
WTRIRSTR
WTRIRSTX

WTRIRSVD
WTRIRSV1
WTRIRSV2
WTRIRSV4
WTRIS

WTRISELP
WTRISSET
WTRISLEN
WTRISMFL
WTRISMFT

WTRISREQ
WTRISTAR
WTRISTEQ
WTRISTER
WTRISTR

WTRISTUP
WTRISU
WTRISYND
WTRISYS
WTRISYSE

WTRISZEQ
WTRIT
WTRITLC
WTRITRNC
WTRIUHQ

WTRIVLOR
WTRIVO
WTRIWCEQ
WTRIWFIT
WTRIWMSG

WTRIWORK
WTRIWRK
WTRIWRKM
WTRIWSC
WTRIWSC

WTRIWSCM
WTRIWSD
WTRIWSEQ
WTRIWSEF
WTRIWSEFL

WTRIWSL
WTRIWSP
WTRIWSPM
WTRIWST
WTRIWST

IATYWTR3 Cross Reference

Name

WTRIWSU
WTRIZLEN
WTRI7030
WTRI7072
WTRJPDV

WTRJTRNX
WTRLNTRN
WTRLOGID
WTRLOGNM
WTRMPEPT

WTRNOACT
WTRNOSPN
WTRNSTAR
WTRNZIOR
WTROAMSG

WTROASA
WTROBLAN
WTROCDEP
WTROCHK
WTROCHOR

WTROCLOS
WTROCONS
WTROCOPY
WTRODS
WTRODVOP

WTROEC14
WTROEJCC
WTROEJDN
WTROEJRQ
WTROEOCR

WTROERSE
WTROERSV
WTROER14
WTROEXCP
WTROFLG1

WTROFLG2
WTROFMCC
WTROFMCC
WTROFMFC
WTROFMTN

WTROINT
WTROINTM
WTROINTP
WTROINVR
WTROLBL

WTROLCPY
WTROLCTB
WTROLDEN
WTROLGSL
WTROLGST

WTROLIST
WTROLRCL
WTROLRCT
WTROMCFL
WTROMCH

WTROMCRJ
WTROMLST
WTROMSG1
WTROMSG2
WTRONNP

Name

WTRONXPG
WTROODSN
WTROOPEN
WTROOVER
WTROPAGE

WTROPCC1
WTROPDIR
WTROPGCT
WTROPPQF
WTROPPQL

WTROPPQN
WTROPTCC
WTROPTCH
WTROREAL
WTROREC

WTROREG
WTROREPO
WTRORJCT
WTRORQOP
WTRORS5

WTRORSS5
WTRORSU5
WTROSEAR
WTROSEDS
WTROSERR

WTROSESS
WTROSNA1
WTROSNA2
WTROSNA3
WTROSPC1

WTROSPC2
WTROSPLT
WTROSREC
WTROSUSP
WTRORTRNC

WTRORTRUN
WTRORUXIT
WTRORUX21
WTRORVOFF
WTRORVOL

WTRORVSTP
WTRORWOPN
WTRORWRK1
WTRORWRK2
WTRORWRK3

WTRORWTRX
WTRORPDIRN
WTRORPDQER
WTRORPRD14
WTRORPREG2

WTRORPRL14
WTRORPSAV1
WTRORPSAV2
WTRORPSAV3
WTRORPSAV4

WTRORPSM14
WTRORPSSCA
WTRORPSV14
WTRORPWSPA
WTRORPWTRC

IATYWTR3 Cross Reference

Name

WTRPWT14
WTRP0FDB
WTRQUERYF
WTRRSVDB
WTRRSVDO

WTRRSVD1
WTRRSVD6
WTRRSVD8
WTRRSVD9
WTRRSVS0

WTRRSVS1
WTRRSVS2
WTRSAFOK
WTRSCFLG
WTRSCGMN

WTRSCHFL
WTRSCHKT
WTRSCHLN
WTRSCHPG
WTRSCHSZ

WTRSCMPL
WTRSCOPY
WTRSCTAB
WTRSDSOP
WTRSECPT

WTRSETDV
WTRFCBO
WTRFLG1
WTRFLG2
WTRFLG3

WTRFMH2
WTRFOCO
WTRFRMS
WTRSLDEN
WTRSMASK

WTRMSGM
WTRSNREC
WTRSNXDS
WTRSPAN
WTRSPDEV

WTRSPERR
WTRSPFCB
WTRSPFIR
WTRSPFLG
WTRSPFSA

WTRSPFSS
WTRSPNST
WTRSPNTH
WTRSPPAD
WTRSPREC

WTRSPREGS
WTRSPRERR
WTRSPRETN
WTRSPRLN
WTRSPRSRT

WTRSPRSVD
WTRSPRSV1
WTRSPRSV2
WTRSPRSV3
WTRSPRTR1

Name

WTRSSDEV
WTRSSEND
WTRSSUSP
WTRSTACC
WTRSTART

WTRSTDEV
WTRSTFSA
WTRSTRT2
WTRSUCSO
WTRSWBF

WTRSWBN
WTRSWBP
WTRSWBSZ
WTRSLAT
WTRSYNDV

WTRTIME
WTRTUSID
WTRT7008
WTRWOSE
WTRWPRSQ

WTRWSPAA
WTRWSPUP
WTRXCPDS
WTRXFSE
WTRXLMSD

WTRXOSEN
WTR06BSP
WTR06TOT
WTR06XSP

IATYWTR4 Information

IATYWTR4 Programming Interface information

Programming Interface information

IATYWTR4

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

- | | | | |
|------------|------------|------------|------------|
| • IATXOSCI | • WTRDMSGR | • WTRFRDEP | • WTROWTRX |
| • IATXOSCO | • WTRDNAME | • WTRFSAFL | • WTRPRD14 |
| • IATXOSG | • WTRDPPSR | • WTRFSETE | • WTRPREG2 |
| • IATXOSOI | • WTRDQMSG | • WTRFSV10 | • WTRPRL14 |
| • IATXOSOO | • WTRDRFOR | • WTRFTEEP | • WTRPSAV1 |
| • IATXOSP | • WTRDRLJN | • WTRIFDBI | • WTRPSAV2 |
| • WTRDCLR | • WTRDSNAM | • WTRIFLG1 | • WTRPSAV3 |
| • WTRDCTAD | • WTRDSTUP | • WTRIPTK1 | • WTRPSAV4 |
| • WTRDDIAG | • WTRDWAIT | • WTRIPTK2 | • WTRPSM14 |
| • WTRDDSER | • WTRFCPER | • WTRIRCDS | • WTRPSSCA |
| • WTRDFAIL | • WTRFGDEP | • WTRISLEN | • WTRPSV14 |
| • WTRDFDJD | • WTRFINEP | • WTRMPEPT | • WTRPWT14 |
| • WTRDLGCR | • WTRFPDQC | • WTROCDEP | • WTRSNREC |
| • WTRDMDDS | • WTRFPDQF | • WTROPPQF | • WTRSRECN |
| • WTRDMDD2 | • WTRFPDQL | • WTROPPQL | • WTRWPRSQ |
| • WTRDMSAV | • WTRFPDQS | • WTROPPQN | |

End of Programming Interface information

Heading Information • IATYWTR4 Map

IATYWTR4 Heading Information

Common Name: WRITER WORK/CONTROL AREA
Macro ID: IATYWTR
DSECT Name: WTRDSECT, IOSB
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IATODFD, IATODPN, IATODPR, IATODSI, IATODSN, or IATODWD
 Offset: 0
 Length: 8
 Note: The Eye-Catcher will be the name of the module that expands it as a CSECT.
Storage Attributes: Auxiliary Storage: N/A
 Subpool: 251
Size: WTRDSECT - 0.2K
 IOSB - WTROODSZ
Created by: N/A
Pointed to by: R13 WHILE IN THE DRIVER OR SUPPORT MODULE WHICH IS REFERENCING IT
 ALSO:
 WTRDIARE --> INPUT AREA
 WTRDAREA --> OUTPUT AREA
Serialization: FIELDS WHICH HAVE SERIALIZED ACCESS
 WSPFDBS - BETWEEN THE WRITER AND PPQ MANAGER (I.E. ONLY ONE USER OF THE WOSE FDB)
 WTRDIEF & WTROFLGS - THE ODIEF FLAG IS USED BY THE DIE ROUTINE (IATOSDI) TO POST (VIA CS) THE SUPPORT ROUTINE (E.G. IATOSPR) WHEN AN EVENT HAS OCCURRED. THE OFLGS FIELD IS EQUATED TO THE SAME BYTE AS ODIEF.
Function: PROVIDE DATA CSECTS NEEDED BY OUTPUT SERVICE DRIVERS AND SUPPORT ROUTINES FOR OUTPUT WRITER PROCESSING

IATYWTR4 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	WTRDSECT	
0	(0)	SIGNED	4	WTRSTART (0)	DATA AREA START

Comment

IATYMOD BR=NO
 JES3 MODULE ENTRY POINT IDENTIFIER

01 Change Activity:

\$SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0

End of Comment

0	(0)	CHARACTER	8		MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
OUTPUT SERVICE WRITER DATA AREA					

THE SECURITY PARAMETER LIST FOR WRITERS IS ANCHORED IN WTRDSECA BELOW. IT IS AGETMAINED IN IATOSWC.					

End of Comment					
36	(24)	ADDRESS	4	WTRDSECA	SECURITY DATA PARM LIST FOR IATXSEC
40	(28)	SIGNED	4	WTRSECT	SECURITY MACRO IATYSEC PTR FOR WTRPWSPA
Comment					

TRDCCDB IATYCNDDB DSECT=NO CALLING CONSOLE INFORMATION

```

IATYCNDDB_1;;
START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  5647-A01 COPYRIGHT IBM CORP. 1989, 2010
  STATUS= HJS7770
  END_OF_PROPRIETARY_STATEMENT
  This data area is maintained as a CASE mapping macro.
  Changes should be made to the CASE source and then
  the PLX and Assembler should be regenerated.
  Do NOT make changes to the PLX or Assembler directly!
01 Descriptive Name: Console Destination Block
  Acronym: CNDB
01 Macro Name: IATYCNDDB
01 DSECT Name: IATYCNDDB
  --based variable for storage mapping
01 Component: JES3 (SC1BA)
01 Function:
02 The console destination block is a control block that
  contains information related to the destination that
  messages should be sent to. This control block is built
  as commands are entered into to the system and is used by
  command processors as a destination for where to return
  messages to. The control block is imbeded in other
  control blocks and the size of the data area must not
  change (otherwise a JES3 cold start is required). The
  data is referenced by non-source maintained modules, so
  offsets into the data area must not change.
01 Eye-Catcher: CNDBEYE
02 Offset: 4
02 Length: 4
01 Language: PL/X
01 Storage Attributes:
02 Allocation Method: Imbeded within other control blocks
02 Main Storage: 94
  
```

IATYWTR4 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
02 Virtual Storage: 94					
02 Auxiliary Storage: 94					
02 Subpool: n/a					
02 Key: 1					
02 Data Space: N/A					
02 Residency: any					
02 Frequency: n/a					
02 Size: 94					
02 Created by: n/a					
02 Deleted by: n/a					
02 Pointed to by: Imbedded within other control blocks					
02 Serialization: none					
01 EXTERNAL CLASSIFICATION: DMTI					
01 END OF EXTERNAL CLASSIFICATION:					
01 Method Of access:					
02 ASM: IATYCNDB					
02 PLX: %INCLUDE SYSLIB(IATYCNDB)					
01 CHANGE ACTIVITY:					
\$QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support					
\$RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init					
\$T1=z1.12.0 HJS7770 090701 RD0JU: z 1.12.0					
CASE/390 - VERSION 49					
END OF SPECIFICATIONS					
%					

					End of Comment
44	(2C)	SIGNED	4	WTRDCCDB (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

TRDDCDB IATYCNDB DSECT=NO DEVICE RELATED CONSOLE INFORMATION

```

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
  
```

Offsets

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

--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
140	(8C)	SIGNED	4	WTRDDCDB (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 INFORMATION

Comment

DEFINITION OF WTRDCFLG

					End of Comment
234	(EA)	BITSTRING	1	WTRDCFLG	OUTPUT SERVICE WRITER FLAG
		1... ..		WTRDCRVS	"X'80" Reserved for service

IATYWTR4 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
THIS LINE DELETED BY APAR OW22430					
End of Comment					
235	(EB)	BITSTRING	1	WTRRSVD0	RESERVED FOR DEVELOPMENT
236	(EC)	BITSTRING	1	WTRDMSGF	MESSAGE FLAGS
Comment					
----- DEFINITION OF WTRDMSGF -----					
End of Comment					
		1... ..		WTRDMSGP	"X'80" COMMAND PENDING IN WTRDMSGI
		.1.		WTRDINTV	"X'40" INTERVENTION REQUIRED PEND.
		..1.		WTRDTMEX	"X'20" TIMER HAS EXPIRED
		...1		WTRIRCUR	"X'10" FAILSOFT RECURSION
		.... 1...		WTROCHOR	"X'08" OUTPUT DEV IS CHAN-ORIENTED
		.... .1..		WTRJPDV	"X'04" RJP DEVICE
		.... ..1.		WTRLNTRN	"X'02" RJP LINE TURNAROUND
		.... ...1		WTRFSTAT	"X'01" FSS CONTROLLER POST REQUEST 1
237	(ED)	BITSTRING	1	WTRDM731	IATOSSI DM731 footprint
238	(EE)	SIGNED	2	WTRRSVS0	RESERVED FOR SERVICE
240	(F0)	CHARACTER	8	WTRCIMPL	COMMAND IMPLEMENTATION MOD
248	(F8)	CHARACTER	10	WTRT7008	TEXT FOR IAT7008
258	(102)	BITSTRING	1	WTRDPFLG	PARAMETER FLAGS
Comment					
----- DEFINITION OF WTRDPFLG -----					
End of Comment					
		1... ..		WTRDINVO	"X'80" INVALID CONTROL CHARACTER.
		.1.		WTRDLMSG	"X'40" LOAD MESSAGE REQUIRED
		..1.		WTRDLDCM	"X'20" COPY MOD MUST BE LOADED
		...1		WTRDLNST	"X'10" STACKER MUST BE CHANGED
		.... 1...		WTRDLFLS	"X'08" FLASH MUST BE CHANGED
		.... .1..		WTRDLFRM	"X'04" FORMS MUST BE LOADED
		.... ..1.		WTRDLUCS	"X'02" UCS MUST BE LOADED
		.... ...1		WTRDLFCB	"X'01" FCB/TAPE MUST BE LOADED
258	(102)	X'80'	0	WTRDLMRC	"WTRDINVO" REF CHAR MUST BE LOADED
Comment					
FIELDS FOR SECURITY INFORMATION FOR WRITERS					
End of Comment					
259	(103)	BITSTRING	1	WTRSCFLG	SECURITY FLAG BYTE
		1... ..		WTRSCGMN	"X'80" AGETMAIN FOR YSEC PERFORMED
		.1.		WTRSAFOK	"X'40" SAF AUTHORIZATION RECEIVED- 0546 DO NOT BYPASS IATOSNT 0546
Comment					
----- FULL DATA SET NAME AND SAF ENTITY NAME -----					
End of Comment					
260	(104)	BITSTRING	1	WTRDSSNL	LENGTH OF WTRDSSNF

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
261	(105)	BITSTRING	44	WTRDDSNF	MAX DATASET NAME SIZE
305	(131)	BITSTRING	1	WTRENTNM	SAF ENTITY NAME

Comment

LOGSTR FOR IATXSEC CALLS

End of Comment

358	(166)	BITSTRING	1	WTROLGSL	LENGTH OF WTROLGST
359	(167)	CHARACTER	24	WTROLGST	MAX LOGSTRING SIZE
384	(180)	ADDRESS	4	WTRPSSCA	PTR TO YPSSC CONTROL BLOCK 0357
388	(184)	SIGNED	4	WTRFENQ	AENQ COUNT FOR FSS WRITERS
392	(188)	SIGNED	4	WTRIDLES	Start of idle period
396	(18C)	BITSTRING	3	WTRRSVD8	RESERVED FOR DEVELOPMENT
399	(18F)	CHARACTER	80	WTRDOTOK	SECURITY TOKN OF OWNING JOB
479	(1DF)	CHARACTER	80	WTRDR TOK	DATA SET SECURITY TOKEN 0094
559	(22F)	BITSTRING	1	WTRRSVS2	Reserved for Service

Comment

WTRDMSG MESSAGE TEXT=WTRDMSGO,MF=L
\$T6=z1.13.0 HJS7780 110309 PD0TN: z 1.13.0

End of Comment

560	(230)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
560	(230)	ADDRESS	4	WTRDMSG	Text Address
564	(234)	BITSTRING	2		Destination Disp and Mask
566	(236)	BITSTRING	1		ACTION flag
567	(237)	ADDRESS	1		Options Flag
568	(238)	BITSTRING	2		Descriptor Codes
570	(23A)	SIGNED	2		Reserved 2 Bytes
572	(23C)	BITSTRING	17		Routing Codes
589	(24D)	BITSTRING	1	(3)	Reserved
592	(250)	BITSTRING	1	(8)	Jobid
600	(258)	BITSTRING	1	(8)	Jobname
608	(260)	BITSTRING	1	(8)	Key
616	(268)	ADDRESS	4		CNDB Address 1
620	(26C)	ADDRESS	4		CNDB Address 2
624	(270)	ADDRESS	4		CNDB Address 3
628	(274)	ADDRESS	4		CNDB Address 4
632	(278)	ADDRESS	4		CNDB Address 5
636	(27C)	ADDRESS	4		MLWO Address

Comment

IATXCNDB MF=(L,WTRDXCDB)
MACDATE -94/10/04-<3>

End of Comment

0	(0)	X'280'	0	M00M0006	"WTRDXCDB" ++ IATXCNDB NAME
640	(280)	DBL WORD	8	WTRDXCDB (0)	++ IATXCNDB PARM LIST
640	(280)	BITSTRING	1	WTRDXCDB_XVERSION	++ INPUT XVERSION
641	(281)	CHARACTER	6	WTRDXCDB_XEYECATCH	++ CONSTANT
647	(287)	BITSTRING	2	WTRDXCDB_XFLAG1	++ FIELD_LABEL
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_INITIALIZE	"B'1000000000000000" ++ XOPERATION.INITIALIZE KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_TRANSFER	"B'0100000000000000" ++ XOPERATION.TRANSFER KEYWORD

IATYWTR4 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_UPDATE	"B'0010000000000000" ++ XOPERATION.UPDATE KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_RESET	"B'0001000000000000" ++ XOPERATION.RESET KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_VERIFY	"B'0000100000000000" ++ XOPERATION.VERIFY KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_TRANSCONSID	"B'0000010000000000" ++ XOPERATION.TRANSCONSID KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_TRANSROUT	"B'0000001000000000" ++ XOPERATION.TRANSROUT KEYWORD
647	(287)	BITSTRING	0	WTRDXCDB_XOPERATION_EXTRACTCONSID	"B'0000000100000000" ++ XOPERATION.EXTRACTCONSID KEYWORD
		1...		WTRDXCDB_XOPERATION_EXTRACTCONSNAME	"B'0000000010000000" ++ XOPERATION.EXTRACTCONSNAME KEYWORD
		.1..		WTRDXCDB_XOPERATION_EXTRACTCONSTYPE	"B'0000000001000000" ++ XOPERATION.EXTRACTCONSTYPE KEYWORD
		..1.		WTRDXCDB_XOPERATION_EXTRACTROUT	"B'0000000000100000" ++ XOPERATION.EXTRACTROUT KEYWORD
		...1		WTRDXCDB_XOPERATION_EXTRACTCART	"B'0000000000010000" ++ XOPERATION.EXTRACTCART KEYWORD
649	(289)	BITSTRING	1	WTRDXCDB_XABEND	++ INPUT
		1...		WTRDXCDB_XABEND_YES	"B'10000000" ++ XABEND.YES KEYWORD
		.1..		WTRDXCDB_XABEND_NO	"B'01000000" ++ XABEND.NO KEYWORD
650	(28A)	BITSTRING	1	WTRDXCDB_XUSERADDR	++ FIELD_LABEL
651	(28B)	CHARACTER	1	WTRDXCDB_XRSV001	++ RESERVED
652	(28C)	ADDRESS	4	WTRDXCDB_XCNDB	++
656	(290)	ADDRESS	4	WTRDXCDB_XOUTCNDB	++
660	(294)	ADDRESS	4	WTRDXCDB_XINCNDDB	++
664	(298)	ADDRESS	4	WTRDXCDB_XCONSNM	++
668	(29C)	ADDRESS	4	WTRDXCDB_XCONSID	++
672	(2A0)	ADDRESS	4	WTRDXCDB_XOUTCONSID	++
676	(2A4)	CHARACTER	2	WTRDXCDB_XRSV002	++ RESERVED
678	(2A6)	BITSTRING	1	WTRDXCDB_XFLAG2	++ FIELD_LABEL
		1...		WTRDXCDB_XCMDIND_YES	"B'10000000" ++ XCMDIND.YES KEYWORD
		.1..		WTRDXCDB_XCMDIND_NO	"B'01000000" ++ XCMDIND.NO KEYWORD
679	(2A7)	BITSTRING	1	WTRDXCDB_XKEYS	++ FIELD_LABEL
		1...		WTRDXCDB_KEYUSED_CMDIND	"B'10000000" ++ KEYUSED.CMDIND KEYWORD
680	(2A8)	ADDRESS	4	WTRDXCDB_XROUT	

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
684	(2AC)	ADDRESS	4	WTRDXCDB_XCART	++
688	(2B0)	ADDRESS	4	WTRDXCDB_XOUTCONSNAME	++
692	(2B4)	ADDRESS	4	WTRDXCDB_XOUTCONSTYPE	++
696	(2B8)	ADDRESS	4	WTRDXCDB_XOUTROUT	++
700	(2BC)	ADDRESS	4	WTRDXCDB_XOUTCART	++
700	(2BC)	X'40'	0	WTRDXCDBL	++ **_WTRDXCDB" ++ LENGTH OF PLIST

Comment

IATXCNDB-3

End of Comment

704	(2C0)	SIGNED	2	WTRRSVS1	RESERVED FOR SERVICE
708	(2C4)	SIGNED	4	(0)	
708	(2C4)	BITSTRING	1	WTRDMSGI	
944	(3B0)	CHARACTER	120	WTRDMSGO	OUTPUT MESSAGE AREA

Comment

THESE LINES DELETED BY PAR0301

End of Comment

1064	(428)	CHARACTER	8	WTRDODDN	OUTPUT COMPONENT DDNAME
------	-------	-----------	---	----------	-------------------------

Comment

THE FOLLOWING FOUR FIELDS MUST REMAIN TOGETHER

End of Comment

1072	(430)	CHARACTER	8	WTRDTYPE (0)	OUTPUT TYPE - FROM SUPTYPE 0053
1072	(430)	CHARACTER	3	WTRDOTYP	OUTPUT COMPONENT GTYPE
1075	(433)	CHARACTER	4	WTRDOSTY	OUTPUT COMPONENT STYPE
1079	(437)	BITSTRING	1	WTRDOMOD	OUTPUT COMPONENT MODEL

Comment

END OF RELATION FOR FIELDS WTRDTYPE -> WTRDOMOD 0

End of Comment

1080	(438)	CHARACTER	4	WTRDODEV	OUTPUT DEVICE NUMBER
1080	(438)	X'439'	0	WTRDODV3	"WTRDODEV+1,3" 3 DIGIT PORTION OF DEVICE NUMBER WTRDODEV

Comment

\$SK = ENF58CK HJS7708 020916 ID1RS: z 1.5.0
IATXOSEN MF=L

End of Comment

1084	(43C)	SIGNED	4	WTRXOSEN (0)	List form
1084	(43C)	ADDRESS	4		CTOKEN address
1088	(440)	ADDRESS	4		New client token address
1092	(444)	ADDRESS	4		Address of system hold reason
1096	(448)	ADDRESS	4		Address of reason text
1100	(44C)	ADDRESS	4		Address of checkpoint data

IATYWTR4 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
<p>When ENF58 signal is issued for non-FSS writers, the following fields will have the checkpointed copy, record and page counts. The following three fields must always be together. The 12 byte area will be passed in the CHK= parameter on the IATXOSEN macro while issuing the checkpoint ENF58 signal.</p>					
End of Comment					
1104	(450)	BITSTRING	12	WTROCHK (0)	
1104	(450)	SIGNED	4	WTROCOPY	Copy count
1108	(454)	SIGNED	4	WTROREC	Record count
1112	(458)	SIGNED	4	WTROPAGE	Page count (not used for line mode printers)
1116	(45C)	BITSTRING	1	WTRDFLGO	OUTPUT COMPONENT FLAG BYTE
Comment					
DEFINITION OF WTRDFLGO					
End of Comment					
		1... ..		WTRORJCT	"X'80" ONLY ALLOW ONE OPER COMMAND
		.1.. ..		WTROCLOS	"X'40" PERFORM JESCLOSE ONLY \$\$\$
		..1.		WTROREAL	"X'20" LABEL=REAL ON IATXOSOO LABEL=FINAL ON IATXOSCO
		..1.		WTRORTRUN	"X'20" TRUNC=YES ON IATXOSP
		...1		WTRORLBL	"X'10" SETUP CALL
		.... 1...		WTRORVOL	"X'08" GENERATE VOL LABEL
1116	(45C)	X'8'	0	WTRORCONS	"WTRORVOL" SUSPEND FOR CONSOLE OUT
		.... .1..		WTRORDS	"X'04" GENERATE DS LABEL
		.... .1.		WTRORREG	"X'02" PARMS ARE IN REG
		.... ...1		WTRORNNP	"X'01" NEWPAGE=NO ON IATXOSOO
		.... ...1		WTRORLIST	"X'01" PARMS ARE IN LIST (IATXOSP)
1117	(45D)	BITSTRING	3	WTRORSVD9	RESERVED FOR DEVELOPMENT
1120	(460)	BITSTRING	6	WTRRSWBF	M.R FOR SWB IN STG- WTRRSWBP
1128	(468)	SIGNED	4	WTRRSWBP	ADDRESS OF SWB POINTER LIST D015 FOR SMF6 MAPPED BY IEFSJTRP D015
1132	(46C)	SIGNED	2	WTRRSWBN	NUMBER OF SWB POINTERS IN D015 WTRRSWBP LIST D015
1134	(46E)	SIGNED	2	WTRRSWBSZ	TOTAL SIZE OF SWBTU POINTED D015 TO BY WTRRSWBP LIST D015
1136	(470)	CHARACTER	8	WTRRTIME	PRINTER START TIME IN EBCDIC
1144	(478)	SIGNED	4	WTRRDATE	PRINTER START DATE IN JULIAN
1148	(47C)	CHARACTER	8	WTRRTUSID	TSO USERID
1156	(484)	ADDRESS	4	WTRRDSUPO	OUTPUT SUPUNITS ADDRESS
1160	(488)	CHARACTER	8	WTRRDIDDN	INPUT COMPONENT DDNAME
1168	(490)	CHARACTER	3	WTRRDITYP	INPUT COMPONENT GTYPE
1171	(493)	CHARACTER	4	WTRRDISTY	INPUT COMPONENT STYPE
1175	(497)	BITSTRING	1	WTRRDIMOD	INPUT COMPONENT MODEL
1176	(498)	CHARACTER	3	WTRRDIDEV	INPUT DEVICE ADDRESS
1179	(49B)	BITSTRING	1	WTRRDFLGI	INPUT COMPONENT FLAG BYTE
Comment					
DEFINITION OF WTRRDFLGI					
End of Comment					

Offsets		Type/Value 1...	Len	Name (Dim) WTRSTACC	Description
Dec	Hex				
		.1..		WTRENFDS	"X'40" Issue ENF signal for non-FSS writer data set selection
		..1.		WTRWOSE	"X'20" Need to release WOSE
1186	(4A2)	SIGNED	2	WTRRSVD1	RESERVED FOR DEVELOPMENT
1188	(4A4)	ADDRESS	4	WTRDFAIL	DUMP/RETURN ROUTINE ADDRESS
1192	(4A8)	ADDRESS	4	WTRDSUPI	INPUT SUPUNITS ADDRESS
1196	(4AC)	SIGNED	4	WTRDRSV5	RESERVED FOR SERVICE
1200	(4B0)	ADDRESS	4	WTRDINTS	INTERVENTION REQ. SUPUNITS
1204	(4B4)	SIGNED	4	WTRDRCD5	OUTPUT RECORD COUNT
1208	(4B8)	SIGNED	4	WTRCRDS	OUTPUT RECD CONT FOR INQUIRY
1212	(4BC)	SIGNED	4	WTRDPGCT	OUTPUT PAGE COUNT
1216	(4C0)	ADDRESS	4	IATXOSOO	OUTPUT COMPONENT OPEN ADDR.
1220	(4C4)	ADDRESS	4	IATXOSP	OUTPUT COMPONENT PUT ADDR.
1224	(4C8)	ADDRESS	4	IATXOSCO	OUTPUT COMPONENT CLOSE ADDR.
1228	(4CC)	ADDRESS	4	WTRDCLR	OUTPUT BUFFER-CLEARING RTN.
1228	(4CC)	X'4CC'	0	WTRFCPER	"WTRDCLR" FSS WTR CHKPOINT ERROR RTN.
1232	(4D0)	ADDRESS	4	IATXOSOI	INPUT COMPONENT OPEN ADDR.
1236	(4D4)	ADDRESS	4	IATXOSG	INPUT COMPONENT GET ADDR.
1240	(4D8)	ADDRESS	4	IATXOSCI	INPUT COMPONENT CLOSE ADDR.
1244	(4DC)	ADDRESS	4	WTRDCDEP	OUTPUT COMPONENT CDE
1248	(4E0)	ADDRESS	4	WTRDAREA	OUTPUT COMPONENT AREA
1252	(4E4)	CHARACTER	8	WTRDONAM	OUTPUT COMPONENT MODULE NAM
1244	(4DC)	ADDRESS	4	WTRFRSV1	RESERVED FOR FSS DEVELOPMNT
1248	(4E0)	ADDRESS	4	WTRFSETE	IATOSFD MSG RTN FOR DEVICE FAILURE WITH ETE BIT SET ADDRESS (LABEL: OFDFE000)
1252	(4E4)	ADDRESS	4	WTRFINEP	FSS WTR INIT ENTRY POINT
1260	(4EC)	ADDRESS	4	WTRDICDE	INPUT COMPONENT CDE ADDR.
1264	(4F0)	ADDRESS	4	WTRDIARE	INPUT COMPONENT AREA
1268	(4F4)	CHARACTER	8	WTRDINAM	INPUT COMPONENT NAME
1260	(4EC)	ADDRESS	4	WTRFGDEP	FSS WTR GETDS ENTRY POINT
1264	(4F0)	ADDRESS	4	WTRFRDEP	FSS WTR RELDS ENTRY POINT
1268	(4F4)	ADDRESS	4	WTRFTEEP	FSS WTR TERM ENTRY POINT
1276	(4FC)	ADDRESS	4	WTRMPEPT	IATOSMP MODULE ENTRY POINT
1280	(500)	ADDRESS	4	WTRDRFOR	IATOSMP FCB MAPPING ROUTINE ADDRESS (LABEL: OSMRFOR)
1284	(504)	ADDRESS	4	WTRDQMSG	IATOSFD DEQUE ACTIVE MSG RTN#587 ADDRESS (LABEL: OFDDQMSG) #587
1288	(508)	ADDRESS	4	WTRDNAME	IATOSWC DDNAME RETRVAL RTN ADDRESS (LABEL: OSDPOINT)
1292	(50C)	ADDRESS	4	WTRDSTUP	IATOSWC SETUP CHECK ROUTINE ADDRESS (LABEL: OSWCSTUP)
1296	(510)	ADDRESS	4	WTRDWAIT	IATOSWC WAITING WORK MSG RTN ADDRESS (LABEL: OSWCWAIT)
1300	(514)	ADDRESS	4	WTRDMDDS	IATOSWC MAN/DIAG MODE MSG RTN ADDRESS (LABEL: OSWCMDDS)
1304	(518)	ADDRESS	4	WTRDMDD2	IATOSWC MAN/DIAG MODE MSG RTN 2 (LABEL: OSWCMD2)
1308	(51C)	ADDRESS	4	WTRDDIAG	IATOSWC DIAGNOSTIC MSG ROUTN ADDRESS (LABEL: OSWCDIAG)
1312	(520)	ADDRESS	4	WTRDDSER	IATOSWC DIAGNOSTIC MSG ROUTN ADDRESS (LABEL: OSWCDSER)
1316	(524)	ADDRESS	4	WTRDSNAM	IATOSWC DSNAME CREATE RTN ADDRESS (LABEL: OSWCDSNM)
1320	(528)	ADDRESS	4	WTRDFDJD	FIND JESNEWS SUBROUTINE 2633
1324	(52C)	ADDRESS	4	WTRDRLJD	RELEASE JESNEWS SUBROUTINE 2633
1328	(530)	ADDRESS	4	WTRDPPSR	COMMAND PROCESSOR PPQ SYNCH ROUTINE ADDRESS (LABEL: OSMPSYNC)
1332	(534)	ADDRESS	4	WTRDMSGR	COMMAND PROCESSOR MESSAGE ROUTINE ADDRESS (LABEL: OSMPPMSG) 0084
1332	(534)	X'0'	0	WTRDMGNA	"0" NON-ACTION MESSAGE (R1 VALUE TO OSMPPMSG ABOVE 0084)
1332	(534)	X'1'	0	WTRDMGAC	"1" ACTION MESSAGE (R1 VALUE TO OSMPPMSG ABOVE 0084)

IATYWTR4 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1336	(538)	ADDRESS	4	WTRDCTAD	COMMAND PROCESSOR PARAMETER TABLE ADDRESS (LABEL: OSMPTBL1)
1340	(53C)	ADDRESS	4	WTRFSAFL	IATOSFD FSA FAILURE MSG RTN ADDRESS (LABEL: OFDFS000)
1344	(540)	ADDRESS	4	WTRDLGCR	LOGSTR CREATE ROUTINE ADDR 0391 (LABEL: OSWCLGCR) 0391
1348	(544)	ADDRESS	4	WTROWTRX	WRITER EXTENSION ADDRESS
1352	(548)	ADDRESS	4	WTROCDEP	JDE ADDRESS FOR IATODPX
1356	(54C)	SIGNED	4	WTRDFSID (0)	FUNCTIONAL SUBSYSTEM ID
1356	(54C)	SIGNED	2	WTRDFSS	FSS PORTION OF FSID
1358	(54E)	SIGNED	2	WTRDFSA	FSA PORTION OF FSID
1360	(550)	CHARACTER	8	WTRFSSNM	FSS NAME FOR THIS FSS
1368	(558)	CHARACTER	8	WTRFMID	FSS RELDS INCOMPLETE/DATA- SET UNPRINTABLE MSG TEXT

Comment

FIRST BYTE OF WTRFMID = X'00' - NO MSG TEXT AVAIL
NOT X'00' - FSA RELDS INCOM/UNPRT

End of Comment

1376	(560)	ADDRESS	4	WTRFSSAD	FSS TABLE ENTRY ADDRESS
1380	(564)	ADDRESS	4	WTRFSAAD	FSA TABLE ENTRY ADDRESS
1384	(568)	ADDRESS	4	WTRFMPAD	FSS PROCESSOR MPC ENTRY AD
1388	(56C)	SIGNED	4	WTRFSTAR	CURRENT FSS/FSA STAGING AREA
1392	(570)	SIGNED	4	WTRFSV10	SAVE AREA USED BY IATXPQD ON INTERNAL CALLS
1396	(574)	BITSTRING	1	WTRFGDRN	HOLD REASON IF WTRFDSUP ON
1397	(575)	BITSTRING	1	WTRFRFCFM	Data set record format (Bit definitions same as JFCRECFM in the JFCB)
1398	(576)	SIGNED	2	WTRFRECL	Maximum data set record length
1400	(578)	SIGNED	4	WTRRSVD6 (2)	RESRVD FOR NON-FSS DEVLPMNT
1408	(580)	SIGNED	4	WTRXCPDS	NUMBER OF SKIPPED CPDS RECORDS FOR THIS DATA SET
1412	(584)	SIGNED	4	WTRXLMSD	NUMBER OF TRUNCATED LINE MODE SPANNED RECORDS FOR THIS DATA SET
1416	(588)	SIGNED	4	WTRFSYWM	DOMID FOR DATASET SYNCHRONIZATION
1420	(58C)	SIGNED	4	WTRFSWRK	FSS WORK AREA
1424	(590)	SIGNED	4	WTRFRSVD (2)	RESERVED FOR DEVELOPMENT
1432	(598)	SIGNED	4	WTRF3MSG	DOMID FOR MESSAGE IAT4730
1436	(59C)	SIGNED	4	WTRFRSVS (3)	RESERVED FOR SERVICE
1448	(5A8)	ADDRESS	4	WTRSPPAD	SET PRINT PARM ADDRESS
1452	(5AC)	SIGNED	4	WTRFRSVU (5)	RESERVED FOR USER

Comment

BEGINNING OF AREA DUMPED IN MESSAGE IAT7060 AFTER
WTRINDX BY SPECIFYING THE 'D' PARAMETER ON AN X,
R, OR C COMMAND FOR WRITERS IN FSS MODE.

End of Comment

1472	(5C0)	BITSTRING	1	WTRFFLG1	FSS WTR FLAG
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Comment

DEFINITION OF WTRFFLG1

End of Comment

1... ..	WTRFMFSS	"X'80" THIS IS A FSS WRITER
.1.	WTRFFSS	"X'40" THIS WTR SUPPORTS A FSS
..1.	WTRFFSA	"X'20" THIS WTR SUPPORTS A FSA
...1	WTRFFSSA	"X'10" FSS IS ACTIVE
.... 1...	WTRFFSAA	"X'08" FSA IS ACTIVE
.... .1..	WTRFRESP	"X'04" ORDER RESPONSE PENDING

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.... ..1		WTRFMPER	"X'02" OSMP IN CMD ERROR PROCESSING
		.... ...1		WTRFNCKP	"X'01" NEW CHECKPOINT BUFFER W/O SPOOL ADDRESS
1473	(5C1)	BITSTRING	1	WTRFFLG2	FSS WTR FLAG
Comment					
----- DEFINITION OF WTRFFLG2 -----					
End of Comment					
		1...		WTRFMPDL	"X'80" ADELETE MODULE IATOSMP
		.1..		WTRFISET	"X'40" SETUP TO COMPLTE PROCESSING (I.E. FSI INTRVENTION ORDER SENT TO FSA BY IATOSFS AND RESPONSE HAS NOT BEEN RECEIVED OR PROCESSED)
		..1.		WTRFFSRC	"X'20" OSFS RECEIVED REJECT COMMAND
		...1		WTRFUIR	"X'10" UPDATE INTERVENTION REQUIRED
Comment					
EQU X'08' RESERVED FOR DEVELOPMENT					
End of Comment					
		.... ..1..		WTRFPORQ	"X'04" POST FOR GETDS REQUIRED
		.... ...1.		WTRFDUMP	"X'02" OPERATOR REQUESTED DUMP DURING FAILSOFT - ABEND FSS ADDRESS SPACE WITH DUMP
		.... ...1		WTRFRCUR	"X'01" FAILSOFT RECURSION
1474	(5C2)	BITSTRING	1	WTRFFLG3	FSS WTR FLAG
Comment					
----- DEFINITION OF WTRFFLG3 -----					
End of Comment					
		1...		WTRFGTRL	"X'80" RELEASE WTR'S PENDING OSES
		.1..		WTRFTREQ	"X'40" SET ORDER REQUIRED
		..1.		WTRFSVAL	"X'20" DS VALIDATION ON SYNC REQ'D
		...1		WTRFSMSG	"X'10" WTRIOSE has job name and number for IAT7089 msg
		.... 1..		WTRFDRET	"X'08" OSMP RETURN W/OUT CMD IMPL
		.... ..1..		WTRFDSUP	"X'04" WTRFDSAD DS UNPRINTABLE BY FSS
		.... ..1.		WTRFSARS	"X'02" FSA RESTART REQUESTED
		.... ...1		WTRFDVRS	"X'01" DEVICE IS TO BE RESTARTED
1475	(5C3)	BITSTRING	1	WTRFFLG4	FSS WTR FLAG
Comment					
----- DEFINITION OF WTRFFLG4 -----					
End of Comment					
		1...		WTRFDCPI	"X'80" WTRFDSAD DS CHKPOINT INVALID
		.1..		WTRFRSCD	"X'40" RELDS INCOMPLETE RECEIVED
		..1.		WTRFJTRL	"X'20" JOB TRAILER WAS SPECIFIED ON SYNCH ORDER TO DEVICE
		...1		WTRFJNDS	"X'10" JESNEWS BEING SELECTED 2633
		.... 1..		WTRFJNNX	"X'08" JESNEWS TO BE SENT NEXT 2633
		.... ..1..		WTRFCLR	"X'04" PDQ CLEAR IN PROGRESS
		.... ..1.		WTRFFAIL	"X'02" FSS AND WRITER TO TERMINATE #245

IATYWTR4 Map

Offsets		Type/Value.... ...1	Len	Name (Dim) WTRFDOSU	Description "X'01" UPDATE DOSE ON PDQWOSWR 3339
Dec	Hex				

Comment

END OF THIS AREA DUMPED BY SPECIFYING THE D PARAMETER ON AN X, S, R, OR C COMMAND FOR FSS MODE WRITERS. (SEE WTRFFLG5)

THE FOLLOWING FIVE FIELDS IDENTIFY THE JOB IN PROGRESS AT THE CHANNEL INTERFACE. FOR NON-CHANNEL-ORIENTED OUTPUT DEVICE (E.G. 3800) OR A DEVICE DRIVEN BY AN FSS, THEY MAY NOT PERTAIN TO THE SAME JOB AT THE TRANSFER STATION OR STACKER AS IDENTIFIED BY THE ACTIVE RESQUEUE IN FCTRQAD. INITIALLY, WE COULD HAVE BOTH THE FCTRQAD AND THE FOLLOWING FIVE FIELDS IDENTIFYING THE SAME JOB. AS THE JOB PROGRESSES THROUGH THE CHANNEL THE WRITER COULD START TO BRING IN THE NEXT JOB AND UPDATE THE VALUES OF THE FOLLOWING FIVE FIELDS. THE FIELD FCTRQAD DIDN'T GET UPDATED UNTIL THE FIRST UNIT OF THE NEXT JOB IS READY TO BE STACKED. THUS, WE HAVE A SMALL WINDOW HERE WHERE WE HAVE THE FCTRQAD AND THE FOLLOWING FIELDS POINTING TO DIFFERENT JOBS.

End of Comment

1476	(5C4)	CHARACTER	24	WTRDDSN	DATASET NAME IN PROGRESS
1500	(5DC)	CHARACTER	8	WTRDJNAM	JOB NAME IN PROGRESS
1508	(5E4)	CHARACTER	8	WTRDJID	JOB ID IN PROGRESS
1516	(5EC)	ADDRESS	4	WTRDRSQ	RQ ADDR FOR CURRENT JOB
1520	(5F0)	CHARACTER	8	WTRDYNAM	JOB ID FOR DYNAMIC WTR

Comment

 FIELDS USED BY THE PENDING DATA SET QUEUE
 MANAGER (IATOSFP)

End of Comment

1528	(5F8)	ADDRESS	4	WTRFDSAD	DATA SET ID ADDRESS FOR AN FSS WRITER
1532	(5FC)	ADDRESS	4	WTRFPDQF	ADDR OF FIRST (OLDEST) PDQ ENTRY (0 IF QUEUE EMPTY) MAINTAINED BY OSFP
1536	(600)	ADDRESS	4	WTRFPDQL	ADDR OF LAST (NEWEST) PDQ ENTRY (0 IF QUEUE EMPTY) MAINTAINED BY OSFP
1540	(604)	ADDRESS	4	WTRFPDQC	ADDR OF CURRENT (CHANNEL) PDQ. ZERO IF NO DS SELECTD MAINTAINED BY OSFP
1544	(608)	ADDRESS	4	WTRFRSVX	RESERVED FOR DEVELOPMENT
1548	(60C)	ADDRESS	4	WTRFPDQS	ADDR OF 'SYNCHED TO' PDQ IATXPdq TYPE=PDQSYNCH SETS MAINTAINED BY OSMP+OSFM

Comment

 FIELDS USED BY PENDING PAGE QUEUE MANAGER (IATOSWP)

End of Comment

1552	(610)	ADDRESS	4	WTROPPQF	ADDR OF FIRST (OLDEST) PPQ ENTRY (0 IF QUEUE EMPTY)
1556	(614)	ADDRESS	4	WTROPPQN	ADDR OF PPQ ENTRY FOR NEXT PAGE EXPECTED TO BE STACKED (0 IF NO EXPECTED PAGE IS IN PRINTER)
1560	(618)	ADDRESS	4	WTROPPQL	ADDR OF LAST (NEWEST) PPQ ENTRY (0 IF QUEUE EMPTY)

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1564	(61C)	SIGNED	4	WTRDCUPG	NUM OF PAGES INTO CURRENT TRANSMISSION. DECREASED FOR BACKSP, INCREASED FOR PRINTING & FORWARD SPACE
1568	(620)	SIGNED	4	WTRDCTPG	NUMBER OF PAGES IN A COMPLETE TRANSMISSION OF THE CURRENT DATA SET. ZERO WHEN THE FIRST TRANSMISSION HAS NOT COMPLETED.
1572	(624)	SIGNED	2	WTRICURR	OFFSET WITHIN WOSE BUFFER TO CURRENT DATA SET BEING PROCESSED AT THE CHANNEL
1574	(626)	SIGNED	2	WTROLRCL	Original logical record length of a record
1576	(628)	BITSTRING	1	WTRDPSTF	WRITER POST FLAG BYTE

Comment

 DEFINITION OF WTRDPSTF
 FLAGS SHOULD BE UPDATED UNDER NUC TASK ONLY

End of Comment

		1... ..		WTRDCMDQ	"X'80" OPERATOR COMMAND QUEUED FOR FCT
		.1.. ..		WTRDSPRT	"X'40" SETPRINT COMPLETE
		..1.		WTRI7030	"X'20" MSG IAT7030 REPLIED TO BY OP
		...1		WTRISTAR	"X'10" COMMAND IS A START COMMAND
		.... 1..		WTRDSADD	"X'08" SETPRT TYPE=ADD ISSUED
		.... .1..		WTRDRCER	"X'04" SETPRT RECURSIVE ERROR IND
		.... ..1.		WTRDTMOT	"X'02" Writer timed out while waiting for work
		.... ...1		WTRDOFLG	"X'01" WORK AVAILABLE
1577	(629)	BITSTRING	1	WTRDMSAV	SAVE AREA FOR TASK MODE
1578	(62A)	BITSTRING	1	WTRSPFLG	SPANNED DATA FLAGS

Comment

 DEFINITION OF WTRSPFLG
 THE FLAGS ARE USED TO INDICATE THE TYPE OF DATA
 PASSED TO NETWORKING MODULE IATOSNJ

End of Comment

1578	(62A)	X'0'	0	WTRNOSPN	"FCTNOSPN" LOGICAL RECRD IS NOT SPANNED
1578	(62A)	X'80'	0	WTRSPAN	"FCTSPAN" SPANNED DATA PRESENT
1578	(62A)	X'C0'	0	WTRSPFIR	"FCTSPFIR" FIRST 'RECORD SECTION'
1578	(62A)	X'80'	0	WTRSPNTH	"FCTSPNTH" NTH 'RECORD SECTION'
1578	(62A)	X'A0'	0	WTRSPPLST	"FCTSPPLST" LAST 'RECORD SECTION'
1579	(62B)	BITSTRING	1	WTRFWOSU	OSFP WOSE UPDATE RTN FLAG
1580	(62C)	SIGNED	2	WTRSRNLN	SPANNED RECORD LENGTH

Comment

BEGINNING OF AREA DUMPED IN MESSAGE IAT7060 AFTER
 WTRFFLG1 THROUGH WTRFFLG4 BY SPECIFYING THE 'D'
 PARAMETER ON AN X, S, R OR C COMMAND FOR WRITERS
 IN FSS MODE.

End of Comment

1582	(62E)	BITSTRING	1	WTRFFLG5	FSS WRITER FLAG BYTE 5
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Comment

 DEFINITION OF WTRFFLG5

End of Comment

IATYWTR4 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		1...		WTRFRSTR	"X'80" FSS WRITER TO BE RESTARTED FOLLOWING IPL OF FSS MAIN
		.1..		WTRFSTRS	"X'40" STAGING AREA RECEIVED RESENT OVER RESTART (STARSNT)
		..1.		WTRFSYWT	"X'20" WAITING FOR DATASET SYNCHRONIZATION MSG ISSUED
		...1		WTRFFRIP	"X'10" FSA RESTART IN PROGRESS
		.... 1...		WTRFJOSL	"X'08" JOB/OSE SELECTED STATUS LOCK
		.... .1..		WTRFSRS	"X'04" SPECIALIZED RESCHEDULE HAS RETURNED NAVAIL-DYNAMIC WTR
		.... ..1.		WTRFQREQ	"X'02" QUERY ORDER REQUIRED
		.... ...1		WTRFSDDN	"X'01" DDNAME TO BE FOUND IN PDQ

Comment

END OF AREA DUMPED BY SPECIFYING THE D PARAMETER ON AN X, S, R, OR C COMMAND FOR FSS MODE WRITERS.

End of Comment

1583	(62F)	BITSTRING	1	WTRFFLG6	FSS WRITER FLAG BYTE 6
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Comment

DEFINITION OF WTRFFLG6

THE FOLLOWING 3 BITS INDICATE THAT JES REQUESTED SETUP, BUT THE DEVICE DOES NOT SUPPORT THAT PARTICULAR INTERV.

End of Comment

		.1..		WTRDJDST	"X'40" STACKER SETUP REQUESTED(JES)
		..1.		WTRDJFLS	"X'20" FLASH SETUP REQUESTED(JES)
		...1		WTRDJFRM	"X'10" FORMS SETUP REQUESTED(JES)
1583	(62F)	X'70'	0	WTRDJFLG	"WTRDJDST+WTRDJFLS+WTRDJFRM"
		.... .1..		WTRDUDST	"X'04" STACKER UPDATE INTERV. REQ.
		.... ..1.		WTRDUFLS	"X'02" FLASH UPDATE INTERV. REQ.
		.... ...1		WTRDUFRM	"X'01" FORMS UPDATE INTERV. REQ.
1583	(62F)	X'7'	0	WTRDUFLG	"WTRDUDST+WTRDUFLS+WTRDUFRM"
1584	(630)	BITSTRING	1	WTRFFLG7	FSS WRITER FLAG BYTE 7

Comment

DEFINITION OF WTRFFLG7

End of Comment

		1...		WTRFMANU	"X'80" MANUAL MODE PRINT BUFFER PROCESSING IN PROGRESS
		.1..		WTRFGRCM	"X'40" MANUAL MODE COMMAND PROCESSING IN PROGRESS
		..1.		WTRFVOFF	"X'20" SUPUNIT VARY OFFLINE SCHEDULED
		...1		WTRFPRIM	"X'10" PARM OSE IS FOR PRIME PDQ
		.... 1...		WTRFSATM	"X'08" FSA TO TERMINATE
		.... .1..		WTRFSABN	"X'04" STOP FSA ABNORMAL FOR *FAIL 0207 OR WTR ABEND IN PROGRESS 0207
		.... ..1.		WTRICKPG	"X'02" CHECKPOINT INTERVAL IS IN PAGES
		.... ...1		WTRICKSC	"X'01" CHECKPOINT INTERVAL IS IN SECONDS
1585	(631)	BITSTRING	1	WTRFFLG8	FSS WRITER FLAG BYTE 8

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
----- Comment -----					
----- DEFINITION OF WTRFFLG8 -----					
----- End of Comment -----					
		1...		WTRFFIT	"X'80" FSA INITIATED TERMINATION 0046
		.1...		WTRFINZ0	"X'40" NON-0 NON-TERMINAL RETURN IN INTERVENTION ORDER RESP
		..1.		WTRFCKAL	"X'20" FSS checkpoint allocated
		...1		WTRDLOCN	"X'10" WHEN ON, INDICATES DLOCON HAS BEEN ISSUED; WHEN OFF DLOCOFF IS NOT REQUIRED
		.... 1... ..		WTRFIWTO	"X'08" WTO MESSAGE HAS BEEN ISSUED
		.... .1.. ..		WTRFCLPI	"X'04" CLEAR PRINT ISSUED FOR DYNAMIC WRITER
		.... ..1. ..		WTRFCPIP	"X'02" CLEAR PRINT IN PROGRESS
		.... ...1 ..		WTRFOSDP	"X'01" A DATASET IN THIS OSE HAS BEEN MARKED PENDING
1586	(632)	BITSTRING	1	WTRFFLG9	FSS FLAG BYTE 9
----- Comment -----					
----- DEFINITION OF WTRFFLG9 -----					
----- End of Comment -----					
		1...		WTRFSEET	"X'80" AN ENVIRONMENTAL TYPE ERROR (BIT RESP2ETE WAS SET IN RESPFL2) WAS RECEIVED IN RESPONSE TO A SET ORDER.
		.1...		WTRFQUET	"X'40" AN ENVIRONMENTAL TYPE ERROR WAS RECEIVED IN RESPONSE TO A QUERY ORDER.
		..1.		WTRFSYET	"X'20" AN ENVIRONMENTAL TYPE ERROR WAS RECEIVED IN RESPONSE TO A SYNCH ORDER.
		...1		WTRNOACT	"X'10" NO ACTION REQUIRED FOR THIS COMMAND
		.... 1... ..		WTRJTRNX	"X'08" Job trailer to go next
		.... .1.. ..		WTRFNDMP	"X'04" No dump of FSS required on FAILDSP
		.... ..1. ..		WTRWSPUP	"X'02" IATOSFP did an IATXOSWS GET/REL call for RQ saved in the primary WSP
		.... ...1 ..		WTRFWUAL	"X'01" Waiting for FSS to get unallocated
1587	(633)	BITSTRING	1	WTRFFLGA	FSS FLAG BYTE 10
----- Comment -----					
----- DEFINITION OF WTRFFLGA -----					
----- End of Comment -----					
		1...		WTRF0FDB	"X'80" A DM656 ABEND IS NOT NEEDED FOR A ZERO WOSE FDB. THE ROUTINE CALLING PDQWOSRD WILL HANDLE IT.
		.1...		WTRFNEWS	"X'40" PDQDSEL CALL WAS MADE FOR JESNEWS DATASET
		..1.		WTRFRLTM	"X'20" RELDS timer outstanding
		...1		WTRFRVMI	"X'10" RELDS timer cancelled, may need to be reissued
		.... 1... ..		WTRFRVA3	"X'08" BIT RESERVED FOR SERVICE
		.... .1.. ..		WTRFRVA4	"X'04" BIT RESERVED FOR SERVICE
		.... ..1. ..		WTRFRVA5	"X'02" BIT RESERVED FOR SERVICE
		.... ...1 ..		WTRFRVA6	"X'01" BIT RESERVED FOR SERVICE
1588	(634)	BITSTRING	8	WTRDWSTM	WRITER START TIME (TOD)

IATYWTR4 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- 0					
----- 0					
DEFINE THE PARAMETER LIST SPACE FOR IATUX45 0					
THIS AREA IS MAPPED VIA IATYUX45. 0					
----- 0					
2 lines deleted by PQQ0002 0					
End of Comment					
1596	(63C)	BITSTRING	1	WTRFUX45	UX45 PARAMETER LIST
Comment					
----- 0					
FIELD WTRFJMRA POINTS TO THE JMR AREA THAT IS GET- 0					
MAINED IN IATOSFD. IT POINTS TO A BUFFER FOR THE 0					
COPIED JMR. UX45JMRA IS USED TO POINT TO THE JMR 0					
FOR A PARTICULAR IATUX45 CALL, OR IS 0 IF NOT AVAIL. 0					
----- 0					
End of Comment					
1632	(660)	SIGNED	4	WTRFJMRA	JMR BUFFER POINTER FOR UX45 0635
1636	(664)	SIGNED	4	WTRDRSV1 (2)	RESERVED FOR DEVELOPMENT 0002
1644	(66C)	SIGNED	4	WTRDRSV2 (5)	RESERVED FOR SERVICE
1664	(680)	SIGNED	4	WTRDRSV3	RESERVED FOR USER
Comment					

REASON CODES FOR FSS WRITER ABEND DM656 FAILURES					

End of Comment					
	....	...1		WTRFSAAC	"X'01" FSA ALREADY ACTIVE WITH A DIFFERENT WRITER FCT
	....	..1.		WTRPDQER	"X'02" ERROR RECREATING THE PDQ FOLLOWING HOTSTART
	....	..11		WTRXFSE	"X'03" ERROR RETURN CODE FROM IATXFSS TYPE=FSSSTART 0546
	....	.1..		WTRFSSSA	"X'04" INVALID STAGING AREA RECEIVED FROM FSS
	....	.1.1		WTRFSASA	"X'05" INVALID STAGING AREA RECEIVED FROM FSA
	....	.11.		WTRSPFSS	"X'06" ERROR RETURN FROM STOP FSS ORDER
	....	.111		WTRSTFSA	"X'07" ERROR RETURN FROM START FSA ORDER
	....	1...		WTRSPFSA	"X'08" ERROR RETURN FROM STOP FSA ORDER
	....	1..1		WTRSTDEV	"X'09" ERROR RETURN FROM START DEVICE ORDER
	....	1.1.		WTRSPDEV	"X'0A" ERROR RETURN FROM STOP DEVICE ORDER
	....	1.11		WTRDMPRQ	"X'0B" DUMP REQUESTED BY JES3 IN FSS ADDRESS SPACE
	....	11..		WTRSYNDV	"X'0C" ERROR RETURN FROM SYNCH #096 ORDER #096
	....	11.1		WTRSETDV	"X'0D" ERROR RETURN FROM SET #096 ORDER #096
	....	111.		WTRFGDSF	"X'0E" ERROR FOUND BY THE GETDS PROCESSOR DURING PDQ PROCESSING
	....	1111		WTRIWFIT	"X'0F" INVALID WRITER STATE FOR FSA REQUESTED TERMINATION
	...1	....		WTRNZIOR	"X'10" NON-ZERO RETURN CODE FOUND IN THE INTERVENTION ORDER RESPONSE AREA BY IATOSFS
	...1	...1		WTRQUERYF	"X'11" ERROR RETURN FROM QUERY ORDER

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		...1 ..1.		WTRGDSST	"X'12" UNEXPECTED RETURN BY SETUP PROCESSOR DURING GETDS
		...1 ..11		WTRFSNUM	"X'13" Num of GETDS extensions 0073 is null 0073
		...1 ..1..		WTRDSTQ1	"X'14" UNABLE TO PROCESS STAR - DSTQ NOT AVAILABLE (OSFD)
		...1 ..1.1		WTRDSTQ2	"X'15" UNABLE TO PROCESS STAR - DSTQ NOT AVAILABLE (OSFD)
		...1 ..11.		WTRDSTQ3	"X'16" UNABLE TO DLOCON AFTER RESTART - (OSFD) DSTQ NOT AVAILABLE
		...1 ..111		WTRDSTQ4	"X'17" FSA UNABLE TO DLOCON ON DSTQ NOT AVAILABLE (OSFI)

Comment

 THE FOLLOWING REASONS CODES HAVE BEEN USED BY APAR OY38190 FOR RELEASES SP1.3.4 - SP2.2.1 FOR FSS PROCESSING (WHICH TAKES PLACE IN THE ESA RELEASES IN MODULE IATGRFC) AND ARE THEREFORE UNAVAILABLE FOR USE IN ANY FUTURE RELEASES.
 WTRDSTQ5 EQU X'18' DLOCON FAILURE
 WTRDSTQ6 EQU X'19' DSQ UNAVAILABLE

End of Comment

		...1 1.1.		WTRP0FDB	"X'1A" A ZERO WOSE FDB IN A PDQ HAS BEEN DETECTED WHEN TRYING TO DO A WOSE READ.
		...1 1.11		WTRFENQW	"X'1B" JESNEWS AENQ count wrong
		...1 11..		WTRNSTAR	"X'1C" WTRFISSET BUT NO STAR PASSED TO OSFS IN WTRFSTAR
		...1 11.1		WTROVSTP	"X'1D" FSI extn end addr points 0073 beyond the end of SRL 0073
		...1 111.		WTRGDPDQ	"X'1E" WTRDRSQ zero during PDQ GETDS processing

Comment

 SNARJP COMMUNICATION AREA

End of Comment

1668	(684)	SIGNED	4	WTRSNREC (4)	CURRENT RECORD CHKPT INFO -- THIS INCLUDES TWO M.R SPOOL ADDRESSES & AN OFFSET FIELD (CHNSZ)
1684	(694)	SIGNED	4	WTRSCHSZ	CHAIN SIZE FOR CURR DS
1684	(694)	X'694'	0	WTRSCHFL	"WTRSCHSZ,1" CHAIN SIZE SPEC. FLAG
1684	(694)	X'695'	0	WTRSCHPG	"WTRSCHSZ+1,1" NUM OF 'PAGES' IN SNA CHAIN
1684	(694)	X'696'	0	WTRSCHLN	"WTRSCHSZ+2,1" NUMBER OF LINES IN 'PAGE'
1688	(698)	CHARACTER	8	WTRSFRRMS	FORMS REQ'D
1696	(6A0)	CHARACTER	4	WTRSUCSO	TRAIN REQ'D
1700	(6A4)	CHARACTER	8	WTRSFBO	FCB REQ'D
1708	(6AC)	BITSTRING	8	WTRSCCTAB	COMPACTION TBL REQ'D
1716	(6B4)	BITSTRING	1	WTRSCOPY	COPIES REQ'D
1717	(6B5)	BITSTRING	1	WTRSRVSD	RESERVED FOR SNA
1718	(6B6)	BITSTRING	1	WTRSFGL1	PDIR /ERR FLAG

Comment

 DEFINITION OF WTRSFGL1

End of Comment

		1...		WTRSFMH2	"X'80" WORK STATION SUPPORTS PDIR
		.1..		WTRSSSEND	"X'40" SEND PDIR

IATYWTR4 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		..1.		WTRSPERR	"X'20" PERMANENT SNA ERROR
		...1		WTRSRERR	"X'10" RECOVERABLE TRANS. ERROR
		.... 1...		WTRPDIRN	"X'08" NEED TO SEND PDIR
1719	(6B7)	BITSTRING	1	WTRSFGL2	OSWD SNA FLAG

Comment

 DEFINITION OF WTRSFGL2

End of Comment

		1...		WTRSNXDS	"X'80" NEW DS DETECTED
		.1..		WTRSRST	"X'40" DS IS BEING RESTARTED
		..1.		WTRSFOCO	"X'20" FIRST OF CHAIN - WTR TAKES CHKPT
		...1		WTRSCHKT	"X'10" WTR TAKES CHKPTS ONLY ON FIRST OF CHAIN
		.... ..1.		WTRSSDEV	"X'02" WTR HAS SNA DEVICE
1720	(6B8)	BITSTRING	1	WTRSFGL3	SERVICE ROUTINE COMM. FLAG

Comment

 DEFINITION OF WTRSFGL3

End of Comment

		1...		WTRSMMSG	"X'80" MODIFY OSMP RESPONSE MSG
		.1..		WTRSPFCB	"X'40" IATXOSP IS FOR FCB LOAD
		..1.		WTRSLDEN	"X'20" LINE DENSITY REQUEST (SNA)
		...1		WTRSSUSP	"X'10" SESS. WAS SUSPENDED (OSMP)
		.... 1...		WTRSDSOP	"X'08" PDIR HAS BEEN SENT FOR DS
1724	(6BC)	SIGNED	4	(0)	
1724	(6BC)	SIGNED	4	WTRSRV1 (5)	RESERVED FOR SNA DEV
1744	(6D0)	SIGNED	4	WTRSRV2 (4)	SAVE AREA FOR JOB LINE CNT
1748	(6D4)	SIGNED	4	WTRSRV3	RESERVED FOR SNA SERVICE
1764	(6E4)	SIGNED	4	WTRSRV3	RESERVED FOR USER

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

Comment

IATYMOD BR=NO

JES3 MODULE ENTRY POINT IDENTIFIER

01 Change Activity:

\$SV=TCPNJEB HJS7730 050629 PD0RF: z 1.8.0

End of Comment

0	(0)	CHARACTER	8		MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM
36	(24)	SIGNED	2		PAD

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

OUTPUT CCWS, ECB, AND IOB ARE DEFINED IN IATYWTRX. THE WRITER CSECT AND ITS EXTENSION MUST BE LOADED AT THE SAME TIME. THE WTR EXTENSION HAS TO BE BELOW 16M AND ITS ADDRESS MUST BE STORED IN WTROWTRX AND ITS JDE ADDRESS STORED IN WTROCDEP.					

End of Comment					
38	(26)	BITSTRING	1	WTROCOD1	Post code previous to last
39	(27)	BITSTRING	1	WTROCOD2	Last post code
40	(28)	ADDRESS	4	WTROSRES (2)	RESERVED FOR SERVICE
48	(30)	SIGNED	4	WTROREGS (11)	REGISTER SAVE AREA
92	(5C)	SIGNED	4	WTROREG0	REG 0 ON ENTRY TO IATXOSOO
96	(60)	SIGNED	4	WTROREG1	REG 1 ON ENTRY TO IATXOSOO
100	(64)	SIGNED	4	WTRORETN	REGISTER SAVE AREA
104	(68)	BITSTRING	1	WTROFLG1	FLAG BYTE 1
Comment					

DEFINITION OF WTROFLG1					

End of Comment					
		1...		WTROOVER	"X'80" OVERFLOW ON CHANNEL 12
		.1.		WTROINT	"X'40" INTERPRET PUNCH OUTPUT
		..1.		WTROINTP	"X'20" PUNCH HAS PRINT FEATURE
		...1		WTROINTM	"X'10" MULTI-LINE PR OR EJECT REQ
		.... 1..		WTROASA	"X'08" ASA CONTROL CHARACTERS
		.... .1..		WTROMCH	"X'04" MACHINE CONTROL CHARS
		.... ..1.		WTROSPC2	"X'02" FORCE DOUBLE SPACE
		.... ...1		WTROSPC1	"X'01" FORCE SINGLE SPACE
105	(69)	BITSTRING	1	WTROFLG2	FLAG BYTE 2
Comment					

DEFINITION OF WTROFLG2					

End of Comment					
		1...		WTROEJRQ	"X'80" EJECT REQUIRED
		.1.		WTROEJDN	"X'40" EJECT DONE
		..1.		WTROSREC	"X'20" SHORT RECORD FLAG
		...1		WTROSPLT	"X'10" SPLIT RECORD FLAG
		.... 1..		WTROTRNC	"X'08" TRUNCATE CCW STRING
		.... .1..		WTRODVOP	"X'04" OUTPUT DEVICE OPEN
		.... ..1.		WTROEXCP	"X'02" EXCP LEVEL OUTPUT
		.... ...1		WTROERSE	"X'01" ERROR ROUTINE SECOND ENTRY
106	(6A)	BITSTRING	1	WTROFLG3	FLAG BYTE 3
Comment					

DEFINITION OF WTROFLG3					

End of Comment					
107	(6B)	BITSTRING	1	WTROFLG4	FLAG BYTE 4

IATYWTR4 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
----- DEFINITION OF WTROFLG4 -----					
End of Comment					
		1...		WTROF480	"X'80" RESERVED FLAG BIT
		.1..		WTROSIOR	"X'40" STARTIO REQUIRED
		..1.		WTROBTS	"X'20" EOT CCW REQ'D 3800 \$\$\$\$
		...1		WTROJHDR	"X'10" JOB HEADER PROCESSED \$\$\$\$
108	(6C)	SIGNED	4	WTROPREV	ADDRESS OF PREVIOUS AREA
112	(70)	SIGNED	4	WTRORTR1	REG 1 RETURN VALUE

Comment

IN EACH OF THE FOLLOWING TWO DEFINED BYTES, THERE IS ONE BIT FOR EACH OF THE EIGHT OUTPUT CHANNEL PROGRAM SEGMENT AREAS.

End of Comment					
112	(70)	X'71'	0	WTROMASK	"WTRORTR1+1,1" HOLD FLAGS. A BIT BEING ON MEANS THE CCWS IN THE COR- RESPONDING AREA MAY POINT INTO AN INPUT BUFFER THAT MUST BE HELD.
112	(70)	X'73'	0	WTROCMPL	"WTRORTR1+3,1" COMPLETE FLAGS. A BIT BEING ON MEANS NO CCWS IN THE COR- RESPONDING AREA POINT INTO AN INPUT BUFFER
116	(74)	BITSTRING	1	WTROLOPJ	LAST SELECT OP CODE ISSUED
117	(75)	BITSTRING	1	WTRONOPJ	NEXT SELECT OP CODE
118	(76)	BITSTRING	1	WTROOPTJ	USER XLATE SELECT BYTE
119	(77)	BITSTRING	1	WTROKEY	KEY SAVE AREA
120	(78)	BITSTRING	1	WTROCLSM	DEVICE CLOSE STATUS
121	(79)	BITSTRING	1	WTROPREC	IATOSPR error count 02773SLA
122	(7A)	BITSTRING	2	WTRORSV1	Reserved for IBM 02773SLC
124	(7C)	SIGNED	4	WTROEOC	BUILD AREA FOR EXECUTE ORDER
124	(7C)	X'7F'	0	WTROORTP	"WTROEOC+3,1" TYPE OF ORDER
128	(80)	SIGNED	4	WTRORSVS (5)	RESERVED FOR SERVICE
148	(94)	SIGNED	4	WTRORSVD (5)	RESERVED FOR DEVELOPMENT
168	(A8)	SIGNED	4	(6)	PATCH AREA
192	(C0)	SIGNED	4	WTROUSER (5)	RESERVED FOR USER

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	SRBSECT	
0	(0)	ADDRESS	4	SRB (0)	
0	(0)	CHARACTER	4	SRBID	EBCDIC ACRONYM FOR SRB OR SSRB.
4	(4)	ADDRESS	4	SRBFLNK	FORWARD CHAIN FIELD
8	(8)	ADDRESS	4	SRBASCB (0)	PTR TO ASCB OF ADDRESS SPACE SRB IS TO BE DISPATCHED TO
8	(8)	BITSTRING	1		RESERVED. DO NOT USE.
9	(9)	ADDRESS	3	SRBASC24	24-bit ASCB address
12	(C)	CHARACTER	8	SRBFLC (0)	SRB AREA MOVED TO LOW CORE
12	(C)	BITSTRING	2	SRBCPAFF	CPU AFFINITY MASK
14	(E)	SIGNED	2	SRBPASID	PURGEDQ ASID IDENTIFIER
16	(10)	ADDRESS	4	SRBPTCB	PURGEDQ TCB IDENTIFIER
20	(14)	ADDRESS	4	SRBEP (0)	ENTRY POINT OF ROUTINE
20	(14)	ADDRESS	4	SRBEP A	ADDRESS OF ENTRY POINT (31-BIT USERS)
		1...		SRBMODE	"X'80" ADDRESSING MODE INDICATOR
24	(18)	ADDRESS	4	SRBRMTR (0)	ADDRESS OF RESOURCE MANAGER ROUTINE
24	(18)	ADDRESS	4	SRBRMTR A (0)	ADDRESS OF RESOURCE MANAGER ROUTINE (31-BIT USERS)
24	(18)	BITSTRING	1	SRBRMTR0	Byte 0 of SRBRMTR

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
		1...		SRBRMODE	"X'80" ADDRESSING MODE INDICATOR	
25	(19)	BITSTRING	1	(2)		
27	(1B)	BITSTRING	1	SRBRMTR3	Byte 3 of SRBRMTR	
		.... ...1		SRBRMTLL	"X'01" When on, the local lock will be held when control is given to the RMTR. The RMTR is allowed to release the local lock before returning, but is not required to do so.	
28	(1C)	ADDRESS	4	SRBPARM	USER PARAMETER	
32	(20)	ADDRESS	4	SRBWEB (0)	Address of this SRB's WEB. SERIALIZATION: None OWNERSHIP: Supervisor Control	
32	(20)	ADDRESS	4	SRBSAVE	Reserved. Must be Zero. SERIALIZATION: None OWNERSHIP: Supervisor Control	
36	(24)	BITSTRING	1	SRBPKF	PROTECT KEY INDICATION	
37	(25)	BITSTRING	1	SRBPRIOR (0)	PRIORITY LEVEL INDIC	
37	(25)	BITSTRING	1	SRBFLGS	SRB OPTION FLAGS	
		1...		SRBLLREQ	"X'80" LOCAL LOCK REQUIRED	
		.1..		SRBLLHLD	"X'40" LOCAL LOCK HELD	
		..1.		SRBFRREQ	"X'20" FRR REQUESTED	
		...1		SRBFRRCL	"X'10" THIS BIT IS OBSOLETE SINCE FRR PARM AREA ALWAYS CLEARED BY DISPATCHER. RETAINED FOR COMPATIBILITY.	
		.... 1...		SRBSUSP	"X'08" SUSPENDED SRB ONLY ON FOR SSRB	
		.... .1..		SRBPNONQ	"X'04" NON QUIESCABLE SRB	
		.... ....		SRBPSYS	"X'00" SYSTEM PRIORITY LEVEL	
38	(26)	BITSTRING	1	SRBHLHI	INDICATION OF SUSPEND LOCKS HELD AT SRB SUSPENSION	
39	(27)	BITSTRING	1	SRBFLGS1	SRB TYPE FLAGS.	
		1...		SRBMAIN	"X'80" SRB/SSRB MUST BE FREEMAINED.	
		.1..		SRBSP245	"X'40" SRB/SSRB FROM SUBPOOL 245.	
		..1.		SRBBLK24	"X'20" SRB BELOW THE LINE	
		...1		SRBXESF	"X'10" Mode=primary FRR - only meaningful if SRBFRREQ is set.	
		.... 1...		SRB1STS	"X'08" This SSRB represents the initial schedule of a workunit and has never been dispatched.	
		.... .1..		SRBPMCS	"X'04" This SRB is in process-must complete mode	
		.... ..1.		SRBMSCHD	"X'02" This SRB was scheduled via the IEAMSCHD macro	
		.... ...1		SRBTOKNP	"X'01" This SSRB belongs to the pool created for SUSPEND with SPTOKEN.	
40	(28)	ADDRESS	4	SRBFRA (0)	FRR ROUTINE ADDRESS	
40	(28)	CHARACTER	3		High three bytes of addr	
43	(2B)	CHARACTER	1	SRBFRA3	Low order byte of address	
		.... ...1		SRBSD31	"X'01" Set this flag to indicate that the FRR can tolerate an SDWA in 31-bit storage. This is equivalent to the SETFRR SDWALOC31=YES parameter	
44	(2C)	SIGNED	4	SRBEND (0)	END OF SRB	
44	(2C)	X'2C'	0	SRBSIZE	"SRBEND-SRBSECT" SIZE OF SRB	

Offsets						
Dec	Hex	Type/Value	Len	Name (Dim)	Description	
0	(0)	STRUCTURE	0	IOSB		
0	(0)	SIGNED	4	(0)		
0	(0)	CHARACTER	108	IOSBSTD (0)	Length of the IOSB without the extension	
-----IOSFLA bit definitions-----						
End of Comment						
0	(0)	BITSTRING	1	IOSFLA	Flag byte A	

IATYWTR4 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
EQU X'00' ..No CCW chaining					
End of Comment					
		1... ..		IOSDCHN	"X'80" ..Data chaining
		.1.. ..		IOSCCHN	"X'40" ..Command chaining
		11.. ..		IOSACHN	"X'C0" ..Command and data chaining
		..1.		IOSERR	"X'20" ..Error Recovery Routine (ERP) in control. Bit must be set to 0 by the driver. If the ERP returns with this bit set to 1, a retry is requested. If the ERP returns with this bit set to 0, the error is either corrected or to be considered permanent depending on the setting of the IOSEX bit.
		...1		IOSSMDA	"X'10" ..ERP status modifier bit A. Must be set to zero by driver. TAPE- Reposition device. U/R- Immediate operation, CCW OP code in IOSMDB.
		.... 1...		IOSSMDB	"X'08" ..ERP status modifier bit B. Must be set to zero by driver. Set by PCI fetch in appendage for posting: TAPE- CRC needed. DASD- PCI fetch stop flag.
		.... .1..		IOSEX	"X'04" ..Exceptional condition. Upon return from normal or abnormal exit with this bit on, ERP processing is initiated if initial error condition. If bit is set to 0, it is assumed that the exit corrected the condition or did not consider it an error. When the error routine returns with this bit set to a 1 and the IOSERR set to a 0, the error is considered permanent. When the ERP returns with both bits set to 0, the error has been corrected.
		.... ..1.		IOSDOM	"X'02" ..DOM macro required
		.... ...1		IOSIOSB	"X'01" ..IOSB created by IOS. Must be set to zero by driver.
Comment					
IOSFLB bit definitions - For Start Subchannel requests.					

See redefinition area for modify subchannel requests.					
End of Comment					
1	(1)	BITSTRING	1	IOSFLB	Flag byte B-----
		1... ..		IOSDIESE	"X'80" ..Second entry to DIE
		.1.. ..		IOSSDR	"X'40" ..ERP doesnt want OBR
		..1.		IOSNOTRS	"X'20" ..Driver does not require an address space switch on entry to DIE.
		...1		IOSRESRC	"X'10" ..IOS resources are held. Must be initialized to zero by driver. With bit set, the DIE cannot return on codes 12 and 16.
		.... 1...		IOSIONRD	"X'08" ..Set by a driver to request that the I/O request be issued to a not-ready device.
		.... .1..		IOSMSG	"X'04" ..Message indicator to WTO service 0 = Intervention required msg 1 = I/O error message
		.... ..1.		IOSBDCST	"X'02" ..Broadcast bit
		.... ...1		IOSLOG	"X'01" ..Create an OBR record.
2	(2)	BITSTRING	1	IOSFLC	Flag byte C -----
		1... ..		IOSGDPLP	"X'80" ..With IOSGDP bit set, limit IOSGPMASK field to logically available paths (UCBLPM field).
		.1.. ..		IOSEIDAW	"X'40" ..Extended 4K 8-byte IDAWs
		.1.. ..		IOSVERIF	"X'40" ..Unsolicited device end verification needed for non-DASD devices
		..1.		IOSCC3WE	"X'20" ..Set by a driver to request deferred condition code 3 posting (post code of X'6D')

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		...1		IOSEXP	"X'10" ..Specific exposure requested. The IOSUCB field contains the specific exposure UCB address and IOSXBASE must contain the UCB prefix of the base exposure.
		.... 1...		IOSNORWS	"X'08" ..No Read/Write Synchronization: Set on by I/O driver to indicate that the channel should not synchronize on read/write transitions when prefetching (IOSP) is also set. The driver insures that the read and writes are from different I/O buffers
		.... .1..		IOS2CSWS	"X'04" ..Two Channel Status Words: Set on by the I/O driver to indicate that when CCW prefetching is requested (IOSP), if an error occurs where the control unit executes ahead of the channel, two ending CCW addresses should be presented to the driver. The second ending CCW address is contained in the IEDB. If this bit is off, an invalid ending CCW address is simulated by IOS
		.... ..1.		IOSNORTY	"X'02" ..No retry allowed.
		.... ..1.		IOSCTCNR	"X'02" ..CTC - No retry allowed
		.... ...1		IOSGDP	"X'01" ..A guaranteed device path has been requested. IOSGPMSK contains the path(s) involved.

Comment

IOSPROC - This byte indicates what type of special processing that is to be performed for IOS generated IOSBs. This processing normally runs asynchronous to IOS mainline processing. This field must be set to zero by drivers.

End of Comment

3	(3)	BITSTRING	1	IOSPROC	IOS special processing procedures
---	-----	-----------	---	---------	-----------------------------------

Comment

EQU X'00' ..Reserved

End of Comment

		.... .1..		IOSAPCI	"X'04" ..Intermediate status
		.... 1...		IOSATTN	"X'08" ..Attention
		.... 11..		IOSAPURG	"X'0C" ..Purge

Comment

EQU X'10' ..Reserved

End of Comment

		...1 .1..		IOSAWTO	"X'14" ..WTO
		...1 1...		IOSADDR	"X'18" ..DDR
		...1 11..		IOSADIER	"X'1C" ..DIE Redrive- different UCB
		..1.		IOSAUR	"X'20" ..Unconditional Reserve
		1111 1...		IOSAINTER	"X'F8" ..Interrogate
		1111 1..1		IOSAST1	"X'F9" ..IOS subchannel type 1 request
		1111 1.1.		IOSASNRQ	"X'FA" ..IOS sense request
		1111 11..		IOSACLRL	"X'FC" ..CLEAR Subchannel request
		1111 11.1		IOSAHALT	"X'FD" ..HALT Subchannel request
		1111 111.		IOSAMOD	"X'FE" ..MODIFY Subchannel request
		1111 1111		IOSASTOR	"X'FF" ..STORE Subchannel request

IATYWTR4 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
IOSDVRID - This byte identifies the I/O driver requesting the I/O request. Driver identification values are assigned by IOS.					
End of Comment					
4	(4)	BITSTRING	1	IOSDVRID	Driver identification value
		.... ....		IOSIOSID	"X'00" ..Reserved for IOS
		.... ...1		IOSMISID	"X'01" ..Miscellaneous ID for I/O requests for 24 bit IOS blocks that cannot be purged, associated with a task, or violate extents
		.... ..1.		IOSXCPID	"X'02" ..EXCP Processor
		.... ..11		IOSVSAID	"X'03" ..VSAM
		.... ..1..		IOSATMID	"X'04" ..VTAM
		.... ..1.1		IOSTCMID	"X'05" ..TCAM
		.... ..11.		IOSOLTID	"X'06" ..OLTEP
		.... ..111		IOSFCHID	"X'07" ..PCI FETCH
		.... 1...		IOSJESID	"X'08" ..JES3
		.... 1..1		IOSSSID	"X'09" ..MSC
		.... 1.1.		IOSPRGID	"X'0A" ..IECVIOPM PURGE
		.... 1.11		IOSVPSID	"X'0B" ..VPSS
Comment					
EQU X'0C' ..CRYPTO					
End of Comment					
		.... 111.		IOSASMID	"X'0E" ..ASM
		.... 1111		IOSMDSID	"X'0F" ..Message Display Service
		...1		IOSAUSID	"X'10" ..Assign/Unassign Service
		...1 ...1		IOSDYPID	"X'11" ..Dynamic Pathing
		...1 ..1.		IOSDAVV	"X'12" ..DAVV
		...1 ..11		IOSDCSID	"X'13" ..Device control service
		...1 ..1..		IOSAOMID	"X'14" ..Asynchronous Operation Manager
		...1 ..1.1		IOSSMSID	"X'15" ..DFSMS
		...1 ..11.		IOSXCFID	"X'16" ..XCF CTC I/O Driver
		...1 ..111		IOSCDRID	"X'17" ..IOS use driver ID
		...1 1...		IOSSLFID	"X'18" ..IOSVSLFD driver ID
		...1 1..1		IOSPAVID	"X'19" ..IOSVIOPA driver ID
		...1 11.1		IOSMI2ID	"X'1D" ..Miscellaneous ID for I/O requests for 31 bit IOS blocks that cannot be purged, associated with a task, or violate extents
		...1 111.		IOSINTID	"X'1E" ..Generic IOS I/O driver ID
		...1 1111		IOSDACID	"X'1F" ..Discovery and AutoConfiguration
		1...		IOSV33ID	"X'80" ..SVC33
		1... ...1		IOSCLRID	"X'81" ..Clear Device Recovery
		1... ..1.		IOSSCRID	"X'82" ..Subchannel Recovery
		1... ..11		IOSV16ID	"X'83" ..SVC16 PURGE
		1... ..1..		IOSAPRID	"X'84" ..Unconditional Reserve
		1... ..1.1		IOSMIHID	"X'85" ..Missing Interrupt Handler
		1... ..11.		IOSPRVID	"X'86" ..I/O Prevention Handler
		1... ..111		IOSRSVID	"X'87" ..Re-reserve service
Comment					

End of Comment					
5	(5)	BITSTRING	1	IOSFLD	Flag byte D
		1...		IOSNOINT	"X'80" ..Set by a driver to request that the I/O request be issued to a device with an intercept condition. The intercept condition is to be saved for the next I/O request.

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		.1..		IOSMNORQ	"X'40" ..IOS is not to requeue this IOSB if Start Pending condition is detected (MIH, etc).
		..1.		IOSEPCIF	"X'20" ..Early PCI exit call Flag. Set by the I/O driver to get called from the SLIH, instead of from post status for good intermediate status.
		...1		IOSCCWDS	"X'10" ..Channel program resides in a data space. Set by the I/O driver
		.... 1..		IOSEPCIS	"X'08" ..Early PCI exit Space switch flag. Set by the I/O driver to indicate that IOSVSLIH should CMSET to the driver's address space prior to invoking the PCI exit.
		.... .1..		IOSLIOPF	"X'04" ..Long I/O Post flag set by the I/O driver to indicate that the driver should be posted back if the I/O request will take a long time to complete due to an MIH condition, manual intervention, etc..
		.... ..1.		IOSNOLL	"X'02" Set by the driver to indicate that post status must not get the local lock in order to use the local lock save area, as deadlock could occur. IOSPSLL must also be set on by the driver.
		.... ...1		IOSBEXTF	"X'01" ..IOSB extension valid
Comment					

End of Comment					
6	(6)	SIGNED	2	IOSASID	Address space identification of address space to be scheduled at termination of I/O request.
Comment					

End of Comment					
8	(8)	ADDRESS	4	IOSPGAD	I/O driver termination address. High order bit defines the addressing mode. For attention processing, the attention address.
Comment					

End of Comment					
12	(C)	BITSTRING	1	IOSPKY	Protect key of IOSPGAD
Comment					
EQU X'F0' Protect key field					
End of Comment					
		.... 1..		IOSLCL	"X'08" ASID schedule at local level
		.... .1..		IOSIDR	"X'04" Asynchronous ERP scheduling should be used for this I/O request (Indirect recording for paging I/O requests).
		.... ..1.		IOSPGDPX	"X'02" This request has a backed up copy (duplexed page).
		.... ...1		IOSCHCMP	"X'01" Driver has a complete channel program, IOS must not build a standard prefix.
Comment					

End of Comment					
13	(D)	BITSTRING	1	IOSCOD	I/O completion code field

IATYWTR4 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Completion codes 41 - 5F are reserved for permanent error conditions. These codes will always be the last entry codes to the abnormal end exits.					

Completion codes 60 - 73 are reserved for IOS definition use. These codes indicate conditions that IOS has detected in processing the I/O request.					

Completion codes 74 - 7E denote abnormal conditions for which correction may be possible. These codes denote first entry to abnormal end exits.					

Completion codes 7F denotes normal I/O completion. It does not indicate that the I/O request completed successfully.					

Completion code 49 applies only to Store and Modify Subchannel requests.					

End of Comment					
		.1.. ...1		IOSERRC	"X'41" Permanent I/O error
		.1.. ..1.		IOSEXTC	"X'42" DASD extent error
		.1.. ..11		IOSDPXC	"X'43" Duplexed I/O request was not started because of the UCB level or a not ready device.
		.1.. .1..		IOSINTC	"X'44" Request was intercepted because an error occurred after the last time the device was used and the requestors error recovery procedures wants this intercept condition treated as a permanent error.
		.1.. .1.1		IOSABNC	"X'45" I/O request abnormally terminated because of program check, machine check, etc in IOS or an exit.
		.1.. .11.		IOSCD46	"X'46" Reserved
		.1.. .111		IOSEXTRM	"X'47" I/O request not started - driver Start Subchannel exit (See IOSXSSXA field) requested termination prior to the SSCH being issued.
		.1.. 1...		IOSPRGC	"X'48" I/O request purged.
		.1.. 1..1		IOSCNCLD	"X'49" Store or Modify Subchannel request has been cancelled.
		.1.. 1.1.		IOSPVTIO	"X'4A" I/O Prevention - either the I/O request has not been started or the I/O request has been terminated.
		.1.. 1.11		IOSTAPEC	"X'4B" Error in tape repositioning
		.1.. 11..		IOSIVEXP	"X'4C" Invalid exposure number
		.1.. 11.1		IOSGDPCC	"X'4D" CC=3 - GDP or NIP in control, or with IOSGDPLP set, no logically available paths (UCBLPM).
		.1.. 111.		IOSGDPRD	"X'4E" GDP - Reserved device or in conjunction with IOSRELSE, device cannot be released.
		.1.1		IOSCD50	"X'50" Reserved
		.1.1 ...1		IOSMIHCA	"X'51" The I/O request has been declared in permanent error.
		.1.1 ..1.		IOSMIHSP	"X'52" The I/O request was found pending in the subchannel by IOS, and the driver requested that the IOSB not be requeued(MIH,etc)
		.1.1 ..11		IOSIOTCR	"X'53" IOS cancelled the I/O request due to an I/O timeout condition
		.1.1 .1..		IOSCAPAS	"X'54" The I/O request could not be started. The current address space did not match IOSASID and a Captured UCB address was used in IOSUCB.
		.11. 11.1		IOSGDPWE	"X'6D" CC=3 on all paths with IOSCC3WE bit set- return request to requestor.
		.111 ...1		IOSFTCHC	"X'71" For Fetch driver- hardware corrected data check.
		.111 .1..		IOSMIHC	"X'74" Simulated error status.
		.111 11.1		IOSXERPL	"X'7D" I/O exit requested the ERP to log this request
		.111 111.		IOSFINTC	"X'7E" Intercept condition before entrance to error routine.

Offsets		Type/Value .111 1111	Len	Name (Dim) IOSNRMC	Description
Dec	Hex				
Comment					
IOSOPT and IOSOPT2 bit definitions - For Start Subchannel requests. See redefinition area for modify and store subchannel requests.					
End of Comment					
14	(E)	BITSTRING	1	IOSOPT	Options byte
15	(F)	BITSTRING	1	IOSOPT2	Second option byte
Comment					
-----IOSOPT--bit-definitions-----					
End of Comment					
		1... ..		IOSBYP	"X'80" Bypass IOS channel program prefixing
		.1.		IOSDEP	"X'40" Device end posting requested
		..1.		IOSQISCE	"X'20" This request initiated by a function which has set the quiesce level in the UCB. (This bit should only be set when using the STARTIO macro compatibility interface. All others should place the Quiesce level in the IOSLEVEL field.)
		...1		IOSPSLL	"X'10" If 0, Local lock needed for IOS Post status processing. If 1, Local lock not needed.
		.... 1...		IOSNERP	"X'08" If flag UCBLERP is off, ERPs are not to be used. If UCBLERP is on, ERPs will unconditionally get control. ERPs will only be allowed to perform recovery of non-error unit checks and any additional function as defined by intermediate ERP mask flags. When this flag is on, ERPs may not perform any recovery for error cases except as defined by the ERP mask flags.
		.... .1..		IOSTSLL	"X'04" If 0, Local lock needed by the termination routine. (IOSPSLL bit must be off) If 1, Local lock not needed by the termination routine
		.... ..1.		IOSAPR	"X'02" Alternate path retry active. Must be set to zero by driver.
		.... ...1		IOSRELEASE	"X'01" Request for stand-alone RELEASE CCW to be issued.
Comment					

IOSOPT2 - This byte reflects the I/O driver conditions for initiating an I/O request to the subchannel. See architecture for the meaning of these conditions. This byte also reflects the interrupt status from the IRB.					

End of Comment					
		1... ..		IOSF	"X'80" If 0, Format 0 CCW channel program. If 1, Format 1 CCW channel program.
		.1..		IOSP	"X'40" If 0, the driver does not want 'Unlimited CCW Prefetch'. If 1, the driver wants 'Unlimited CCW Prefetch' active with the channel program.
		..1.		IOSI	"X'20" If 0, The driver does not want 'Initial Status Interruption' generated. If 1, The driver wants 'Initial Status Interruption' generated.
		...1		IOSA	"X'10" If 1, Address limit check required.
		.... 1...		IOSSI	"X'08" If 1, Suppress Suspend Interrupt.
		.... .1..		IOSZ	"X'04" If 1, Zero condition code to Initial selection.
		.... ..1.		IOSE	"X'02" Extended control information stored with interrupt. (This bit is provided for information only, the stored data cannot be found from the IOSB.)
		.... ...1		IOSN	"X'01" If 1, path not operational.

IATYWTR4 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
16	(10)	ADDRESS	4	IOSUCB	Unit Control Block (UCB) address, address to common segment.
Comment					
IOSFCSW field - Subchannel Status Word field.					

Format 0 CCW requests - Start Subchannel deferred condition code is stored in IOSCC field and the 3 byte command address in IOSCSWCA (compatible with System/370).					
End of Comment					
20	(14)	BITSTRING	8	IOSFCSW (0)	Eight byte Subchannel CSW
20	(14)	ADDRESS	4	IOSCCWAD	Format 1 CCW address
20	(14)	ADDRESS	4	IOSTCWAD	Ending TCW address for FCX
20	(14)	BITSTRING	1	IOSCC	Start Subchannel deferred CC
		..11		IOSCC3	"X'30" Deferred condition code 3
		...1		IOSCC1	"X'10" Deferred condition code 1
		.... ....		IOSCC0	"X'00" Deferred condition code 0
21	(15)	BITSTRING	7	IOSCSW	Low order 7 bytes of CSW
21	(15)	ADDRESS	3	IOSCSWCA	Format 0 CCW address
24	(18)	BITSTRING	2	IOSTATUS	CSW status bytes
24	(18)	BITSTRING	1	IOSTSA	Device status byte of SCSW
24	(18)	BITSTRING	1	IOSDSTAT	Device status
		1...		IOSDSATN	"X'80" ..Attention
		.1..		IOSDSSM	"X'40" ..Status Modifier
		..1.		IOSDSCUE	"X'20" ..Control Unit End
		...1		IOSDSBSY	"X'10" ..Busy
		.... 1...		IOSDSCE	"X'08" ..Channel End
		.... .1..		IOSDSDE	"X'04" ..Device End
		.... ..1.		IOSDSUC	"X'02" ..Unit Check
		.... ...1		IOSDSUEX	"X'01" ..Unit Exception
25	(19)	BITSTRING	1	IOSTSB	Subchannel status byte
25	(19)	BITSTRING	1	IOSSSTAT	Subchannel status
		1...		IOSSSPCI	"X'80" ..Program-controlled interrupt
		.1..		IOSSSIL	"X'40" ..Incorrect Length
		..1.		IOSSSPGC	"X'20" ..Program Check
		...1		IOSSSPTC	"X'10" ..Protection Check
		.... 1...		IOSSSCDC	"X'08" ..Channel Data Check
		.... .1..		IOSSSCCC	"X'04" ..Channel Control Check
		.... ..1.		IOSSSICC	"X'02" ..Interface Control Check
		.... ...1		IOSSSCC	"X'01" ..Chaining Check
		.... ...1		IOSSSCRF	"X'01" ..Channel subsystem retry failed
26	(1A)	BITSTRING	2	IOSCSWRC	Residual Count
26	(1A)	BITSTRING	1	IOSFCXST	FCX status
27	(1B)	BITSTRING	1	IOSSESTAT	Subchannel extended status
		1...		IOSINTGFAILED	
					"X'80" Interrogate failed
		.111 1111		IOSESQ	"X'7F" Subchannel extended status qualifier - see macro IHASESQ
20	(14)	BITSTRING	4	IOSSID	UCB Subsystem-identification word
24	(18)	BITSTRING	4		Reserved
Comment					

End of Comment					
28	(1C)	ADDRESS	4	IOSSRB	Back pointer to I/O requestors SRB
32	(20)	ADDRESS	4	IOSUSE	IOSB owner use field.
36	(24)	ADDRESS	4	IOSIOPID	The I/O prevention identifier (IOPID) that covers this I/O request.

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

End of Comment					
40	(28)	BITSTRING	2	IOSAPMSK (0)	Compatibility label
40	(28)	BITSTRING	2	IOSSCHC (0)	Subchannel Control field which is presented in the subchannel status word(SCSW) of IRB.
40	(28)	BITSTRING	1	IOSSCHC0	Subchannel Control - Byte 0
Comment					
EQU X'80' Reserved for architecture					
End of Comment					
		.111		IOSFC	"X'70" Function Control field
		.1..		IOSFSSCH	"X'40" - Start Subchannel
		..1.		IOSFHSCH	"X'20" - Halt Subchannel
		...1		IOSFCSCH	"X'10" - Clear Subchannel
		.... 1111		IOSAC	"X'0F" Activity Control
		.... 1...		IOSARSCH	"X'08" - Resume Pending
		.... .1..		IOSASSCH	"X'04" - Start Pending
		.... ..1.		IOSAHSCH	"X'02" - Halt Pending
		.... ...1		IOSACSCH	"X'01" - Clear Pending
41	(29)	BITSTRING	1	IOSSCHC1	Subchannel Control - byte 1
		111.		IOSAC2	"X'E0" Activity Control
		1...		IOSASUBA	"X'80" - Subchannel active
		.1..		IOSADEVA	"X'40" - Device active
		..1.		IOSSPND	"X'20" - Subchannel Suspended
		...1 1111		IOSSC	"X'1F" Status Control
		...1		IOSSALRT	"X'10" - Alert Status
		.... 1...		IOSSINTR	"X'08" - Intermediate status
		.... .1..		IOSSPRIM	"X'04" - Primary Status
		.... ..1.		IOSSSEC	"X'02" - Secondary Status
		.... ...1		IOSSPNDG	"X'01" - Status Pending. If 0, Simulated status.
42	(2A)	SIGNED	2	IOSSNS	Sense data - 1st 2 bytes
42	(2A)	BITSTRING	0	IOSSNSBD	"X'10FE" Value supplied to indicate unsuccessful sense
Comment					
End of common IOSB section - start of processing dependent sections					

NML - Normal I/O request processing					
WTO - attention processing					
PCI - Intermediate status processing					
End of Comment					
42	(2A)	X'2C'	0	IOSSECT	***
44	(2C)	ADDRESS	4	IOSIPIB (0)	NML- IPIB address (IOS/Purge) Initially set to zero by driver and not to be reset by exits. PCI- Intermediate status SRB/IOSB chain pointer.
44	(2C)	BITSTRING	1		
45	(2D)	BITSTRING	3	IOSIPIBP	3-byte IPIB address. Used by I/O drivers who wish to reference the IPIB
48	(30)	ADDRESS	4	IOSPCHN	PCI- Ptr to ending status IOSB for Intermediate status SRB/IOSBS. NML- Ptr to 1st intermediate status SRB/IOSB for ending status IOSB.
48	(30)	ADDRESS	4	IOSSCHIB	For Modify and Store Subchannel requests, IOSPCHN contains the address of the SCHIB data associated with the request (Address provided by the caller).
52	(34)	ADDRESS	4	IOSERP	ERP - Error work area address (EWA). Must initially be set to zero by the driver.

IATYWTR4 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
Caller Exit addresses - High order bit defines addressing mode.					

End of Comment					
56	(38)	ADDRESS	4	IOSPCI	Intermediate status exit address or zero
60	(3C)	ADDRESS	4	IOSNRM	Normal end exit address (required)
64	(40)	ADDRESS	4	IOSABN	Anormal end exit address(required)
68	(44)	ADDRESS	4	IOSDIE	Disabled Interrupt Exit address or zero
Comment					
Real Channel program - virtual and real addresses of the first CCW or the FCX TCW					

End of Comment					
72	(48)	ADDRESS	4	IOSRST	Real address
76	(4C)	ADDRESS	4	IOSVST	Virtual address
Comment					

End of Comment					
80	(50)	ADDRESS	4	IOSDSID	Data set identifier(DSID)- purge
84	(54)	BITSTRING	1	IOSLEVEL	IOS serialization level
85	(55)	BITSTRING	1	IOSGPMASK	GDP- Guaranteed Device path mask with IOSGDP bit set. APR- Alternate path retry path mask with IOSAPR bit set.
86	(56)	BITSTRING	2	IOSDCTI	DCTI field from IRB- the I/O request device connect time.
88	(58)	BITSTRING	1	IOSFMSK	Mode set/File mask field.
89	(59)	BITSTRING	1	IOSCKEY	On STARTIO- Channel program protect key. On interrupt- 1st byte of the IRB.
		1111		IOSIRBKY	"X'F0" . Protect key - bits 0-3
		.... 1...		IOSS	"X'08" . Request has Suspend capability
		.... .1..		IOSIRBL	"X'04" . ESW contains logout data
		.... ..11		IOSIRBCC	"X'03" . SSCH Deferred condition code-----
		.... ..11		IOSIRBC3	"X'03" -Deferred condition code 3
		.... ...1		IOSIRBC1	"X'01" -Deferred condition code 1
		.... ....		IOSIRBC0	"X'00" -Deferred condition code 0
Comment					

End of Comment					
90	(5A)	BITSTRING	1	IOSMDB	ERP immediate CCW op code
91	(5B)	BITSTRING	1	IOSMDM	ERP modifier mask
Comment					

End of Comment					
92	(5C)	CHARACTER	8	IOSEEK	Static seek address NOTE: CTC section starts at IOSEEK + 4.
Comment					

End of Comment					

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
100	(64)	CHARACTER	8	IOSEEKA	Dynamic seek address
100	(64)	BITSTRING	1	IOSSKM	M
101	(65)	BITSTRING	2	IOSSKBB	BB
103	(67)	BITSTRING	4	IOSCCHH (0)	CCHH
103	(67)	BITSTRING	2	IOSSKCC	CC
105	(69)	BITSTRING	2	IOSSKHH (0)	HH
105	(69)	BITSTRING	1	IOSSKH1	H
106	(6A)	BITSTRING	1	IOSSKH2	H
107	(6B)	BITSTRING	1	IOSSKR	R
107	(6B)	X'6C'	0	IOSEND	*** End of IO SB w/o extension

Comment

Channel to Channel (CTC) section

End of Comment

96	(60)	DBL WORD	8	IOSCTCDW	Sense command byte CCW slot
101	(65)	BITSTRING	1	IOSCTCMD	CTC command byte from sense if format 0 CCW (IOSF=OFF)
104	(68)	BITSTRING	1	IOSCTCOP	CTC command byte from sense if format 1 CCW (IOSF=ON)

Comment

Attention section - IOS generated IO SB when IOSPROC = X'08'

End of Comment

44	(2C)	BITSTRING	40	IOSATTSN	Additional sense (after IOSNS)
44	(2C)	BITSTRING	30	IOSATSNS	Additional sense data
74	(4A)	BITSTRING	1	IOSATPMK	Attention path mask - path mask of path on which attention interrupt was received
75	(4B)	BITSTRING	1	IOSAFLGS	Attention Flags
		1...		IOSAINTR	"X'80" Indicates that attention routine is requesting intercept processing
		.1..		IOSAINTE	"X'40" Indicates an intercept has been generated for this attention interrupt

Comment

EQU X'20' Unused
 EQU X'10' Unused
 EQU X'08' Unused
 EQU X'04' Unused
 EQU X'02' Unused
 EQU X'01' Unused

End of Comment

76	(4C)	SIGNED	1	IOSAATI	Index to the attention table
77	(4D)	BITSTRING	7		Reserved
84	(54)	BITSTRING	24	IOSATTWA (0)	Attention routine work area
84	(54)	BITSTRING	20	IOSXMSAV	CMSET savearea in IECTCATN
104	(68)	BITSTRING	4		Reserved

Comment

Intermediate status section- IOS generated IO SB when IOSPROC= X'04'

End of Comment

44	(2C)	ADDRESS	4		IOSIPIB field- must not be changed
48	(30)	ADDRESS	4		IOSPCHN field- must not be changed
52	(34)	BITSTRING	32	IOSPCIRS	Intermediate status reserved area
84	(54)	BITSTRING	1	IOSPCIWA	Intermediate status work area

IATYWTR4 Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
Comment					
IOSB mapping fields for modify and store subchannel requests.					

Fields IOSFLB, IOSOPT and IOSOPT2 are mapped, as follows.					
IOSFLB field bit definitions -- Modify Subchannel requests only					

End of Comment					
		1... ..		IOSMLPMO	"X'80" If 1, old LPM is to be 'ORED' with new LPM. If 0, old LPM is to BE 'ANDED' with new LPM. This bit valid only if IOSMLPM is on.
		.1.. ..		IOSMPOMO	"X'40" If 1, Old PSW is to be 'ORED' with new POM. If 0, Old POM is to be 'ANDED' with new POM. This bit valid only if IOSMPOM is on.
		..1.		IOSMMMMO	"X'20" If 1, old measurement mode is to be 'ORED' with new new measurement mode. If 0, old measurement mode is to be 'ANDED' with new measurement mode. This bit valid only if IOSMMMM is on.
		...1		IOSASIS	"X'10" If 1, IOSMLPMO and IOSMPOMO are ignored, and the old LPM and/or POM are to be replaced by the new LPM/POM.
Comment					
IOSOPT and IOSOPT2 bit definitions					

For Modify and Store Subchannel requests.					
-----IOSOPT-----					
End of Comment					
		1... ..		IOSSYN	"X'80" If 1, indicates STORE or MODIFY subchannel request is to be done synchronously. If 0, indicates caller can handle asynchronous issuing of STORE or MODIFY Subchannel.
		.1.. ..		IOSNOPTH	"X'40" If 1, indicates for path message request, a conditional no path condition.
Comment					
EQU X'3F' Reserved- initialized to zero					
-----IOSOPT2-----					
End of Comment					
		1... ..		IOSMISC	"X'80" If 1, interrupt subclass is to be modified by MSCH
		.1.. ..		IOSME	"X'40" If 1, enabled indicator is to be modified by MSCH (IOS use only)
		..1.		IOSMLM	"X'20" If 1, limit mode is to be modified by MSCH
		...1		IOSMMMM	"X'10" If 1, measurement mode is to be modified by MSCH
		.... 1...		IOSMLPM	"X'08" If 1, logical path mask is to be modified by MSCH
		.... .1..		IOSMMBI	"X'04" If 1, measurement block index is to be modified by MSCH
		.... ..1.		IOSMPOM	"X'02" If 1, path operational mask is to be modified by MSCH
		.... ...1		IOSMD	"X'01" If 1, dynamic pathing indicator is to be modified by MSCH
Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0	IOSB	BASE IOSB

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

DIE WORK AREA					

End of Comment					
108	(6C)	SIGNED	4	WTROACWA	POINTER TO ACTIVE CCW AREA (OLDEST ONE NOT KNOWN TO HAVE COMPLETED)
112	(70)	ADDRESS	4	WTROECBI	ADDRESS OF I/O ECB
116	(74)	ADDRESS	4	WTROODPX	ADDRESS OF WRITER EXTENSION
120	(78)	ADDRESS	4	WTROECBJ	ADDRESS OF JES3 ECB
124	(7C)	BITSTRING	1	WTRRSVS4	RESERVED FOR SERVICE PNN0193 1
125	(7D)	BITSTRING	2	WTRRSVD4	RESERVED FOR DEVELOPMENT 0193
127	(7F)	BITSTRING	1	WTROFRFF	FRR FLAGS
End of Comment					

DEFINITION OF WTROFRFF					

End of Comment					
		1...		WTROFRRE	"X'80" ERROR ENTRY TO FRR ROUTINE
128	(80)	SIGNED	4	WTRODIEF	SWAP FIELD
128	(80)	X'80'	0	WTROFLGS	"WTRODIEF,1" FLAG BYTE
End of Comment					

DEFINITION OF WTROFLGS					

End of Comment					
		1...		WTROPREQ	"X'80" POST REQUIRED
		.1.		WTROPSCH	"X'40" POST SRB SCHEDULED
		..1.		WTROEJOP	"X'20" SKIP TO CH 1 ON UNIT EXCEP
		...1		WTROSTKD	"X'10" A PAGE REPRESENTED BY A PPQ ENTRY REACHED THE STACKER
		.... 1...		WTROTRFD	"X'08" A JOB START HAS REACHED THE TRANSFER STATION (3800)
		.... ..1.		WTRONNID	"X'02" WTRONXTS NEEDS NEW IDENTIFER BECAUSE NO UNSTACKED PPQ ENTRY HAS A NEW IDENTIFIER
		.... ...1		WTRONJID	"X'01" WTRONXTT HAS INVALID VALUE
End of Comment					

IF A BIT IN WTROMSK IS ON, THE CORRESPONDING CCW SEGMENT AREA HAS COMPLETED EXECUTION. ALL ARE TURNED OFF AT THE END OF EACH PUT.					
End of Comment					
128	(80)	X'81'	0	WTROMSK	"WTRODIEF+1" COMPLETED CCW AREA MASK BITS
136	(88)	DBL WORD	8	WTROCSWS	CSW SAVE AREA
144	(90)	SIGNED	4	WTROSAVE (12)	REGISTER SAVE AREA
192	(C0)	DBL WORD	8	(0)	ALIGNMENT

IATYWTR4 Cross Reference

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

SRB FOR I/O					

End of Comment					
192	(C0)	CHARACTER	44	WTROSRB1	
236	(EC)	SIGNED	2	WTRONXTS	NEXT PAGE IDENTIFIER EXPECTED TO REACH STACKER
238	(EE)	SIGNED	2	WTRONXTT	NEXT PAGE IDENTIFIER FOR JOB BEGINNING & HAS NOT REACHED TRANSFER STATION VALID ONLY IF WTROJMP=1
240	(F0)	DBL WORD	8	(0)	ALIGNMENT
Comment					

POST SRB					

End of Comment					
240	(F0)	CHARACTER	48	WTROSRB2	
288	(120)	DBL WORD	8	(0)	ALIGNMENT
Comment					

ERP SENSE DATA					

End of Comment					
288	(120)	BITSTRING	24	WTROSNS	PRINTER SENSE BYTES
288	(120)	BITSTRING	1	WTROSN00	SENSE BYTE 0 2843
289	(121)	BITSTRING	1	WTROSN01	SENSE BYTE 1 2843
290	(122)	BITSTRING	1	WTROSNS2	SENSE BYTE 2 2843
291	(123)	BITSTRING	1	WTROSNS3	SENSE BYTE 3
		1...		WTROREDY	"X'80" PPS - INTV NO LONGER REQ'D
		.... 1...		WTROJAM	"X'08" 3800 LOST DATA BIT
292	(124)	BITSTRING	1	WTROSNS4	SENSE BYTE 4
		.1..		WTROBEMP	"X'40" 3800 PAGE BUFFER EMPTY
308	(134)	SIGNED	2	WTROJMCT	3800 LOST PAGE COUNT
312	(138)	ADDRESS	4	WTROSUPO	SUPUNITS ADDRESS FOR DIE #100
316	(13C)	BITSTRING	1	WTROODND (0)	END OF AREA
316	(13C)	X'13C'	0	WTROODSZ	"*-IOSB" SIZE OF AREA

IATYWTR4 Cross Reference

Name

IATODPN
 IATXOSCI
 IATXOSCO
 IATXOSG
 IATXOSOI
 IATXOSOO
 IATXOSP
 IOSA
 IOSAATI
 IOSABN

Name

IOSABNC
IOSAC
IOSACHN
IOSACLR
IOSACSCH

IOSAC2
IOSADDR
IOSADEVA
IOSADIER
IOSAFLGS

IOSAHALT
IOSAHSCH
IOSAINTE
IOSAINTER
IOSAINTR

IOSAMOD
IOSAOMID
IOSAPCI
IOSAPMSK
IOSAPR

IOSAPRID
IOSAPURG
IOSARSCH
IOSASID
IOSASIS

IOSASMID
IOSASNRQ
IOSASSCH
IOSASTOR
IOSAST1

IOSASUBA
IOSATMID
IOSATPMK
IOSATSNS
IOSATTN

IOSATTSN
IOSATTWA
IOSAUR
IOSAUSID
IOSAWTO

IOSB
IOSB
IOSBDCST
IOSBEXTF
IOSBSTD

IOSBYP
IOSCAPAS
IOSCC
IOSCCHH
IOSCCHN

IOSCCWAD
IOSCCWDS
IOSCC0
IOSCC1
IOSCC3

IOSCC3WE
IOSCDRID
IOSCD46
IOSCD50
IOSCHCMP

IATYWTR4 Cross Reference

Name

IOSCKEY
IOSCLRID
IOSCNCLD
IOSCOD
IOSCSW

IOSCSWCA
IOSCSWRC
IOSCTCDW
IOSCTCMD
IOSCTCNR

IOSCTCOP
IOSDACID
IOSDAVV
IOSDCHN
IOSDCSID

IOSDCTI
IOSDEP
IOSDIE
IOSDIESE
IOSDOM

IOSDPXC
IOSDSATN
IOSDSBSY
IOSDSCE
IOSDSCUE

IOSDSDE
IOSDSID
IOSDSSM
IOSDSTAT
IOSDSUC

IOSDSUEX
IOSDVRID
IOSDYPID
IOSE
IOSEEK

IOSEEKA
IOSEIDAW
IOSEND
IOSEPCIF
IOSEPCIS

IOSERP
IOSERR
IOSERRC
IOSEX
IOSEXP

IOSEXTC
IOSEXTRM
IOSF
IOSFC
IOSFCHID

IOSFCSCH
IOSFCSW
IOSFCXST
IOSFHSC
IOSFINTC

IOSFLA
IOSFLB
IOSFLC
IOSFLD
IOSFMSK

Name

IOSFSSCH
IOSFTCHC
IOSGDP
IOSGDPCC
IOSGDPLP

IOSGDPRD
IOSGDPWE
IOSGPMSK
IOSI
IOSIDR

IOSINTC
IOSINTGFAILED

IOSINTID
IOSIONRD

IOSIOPID
IOSIOSB
IOSIOSID
IOSIOTCR
IOSIPIB

IOSIPIBP
IOSIRBCC
IOSIRBC0
IOSIRBC1
IOSIRBC3

IOSIRBKY
IOSIRBL
IOSIVEXP
IOSJESID
IOSLCL

IOSLEVEL
IOSLIOPF
IOSLOG
IOSMD
IOSMDB

IOSMDM
IOSMDSID
IOSME
IOSMIHC
IOSMIHCA

IOSMIHID
IOSMIHSP
IOSMISC
IOSMISID
IOSMI2ID

IOSMLM
IOSMLPM
IOSMLPMO
IOSMMBI
IOSMMM

IOSMMMO
IOSMNORQ
IOSMPOM
IOSMPOMO
IOSMSG

IOSN
IOSNERP
IOSNOINT
IOSNOLL
IOSNOPTH

IATYWTR4 Cross Reference

Name

IOSNORTY
IOSNORWS
IOSNOTRS
IOSNRM
IOSNRMC

IOSOLTID
IOSOPT
IOSOPT2
IOSP
IOSPAVID

IOSPCHN
IOSPCI
IOSPCIRS
IOSPCIWA
IOSPGAD

IOSPGDPX
IOSPKEY
IOSPRGC
IOSPRGID
IOSPROC

IOSPRVID
IOSPSLL
IOSPVTIO
IOSQISCE
IOSRELEASE

IOSRESRC
IOSRST
IOSRSVID
IOSS
IOSSALRT

IOSSC
IOSSCHC
IOSSCHC0
IOSSCHC1
IOSSCHIB

IOSSCRID
IOSSDR
IOSSECT
IOSSESQ
IOSSESTAT

IOSSI
IOSSID
IOSSINTR
IOSSKBB
IOSSKCC

IOSSKHH
IOSSKH1
IOSSKH2
IOSSKM
IOSSKR

IOSSLFID
IOSSMDA
IOSSMDB
IOSSMSID
IOSSNS

IOSSNSBD
IOSSPNDG
IOSSPRIM
IOSSRB
IOSSSCC

Name

IOSSSCCC
IOSSSCDC
IOSSSCRF
IOSSSEC
IOSSSICC

IOSSSIL
IOSSSPCI
IOSSSPGC
IOSSSPND
IOSSSPTC

IOSSSTAT
IOSSS1ID
IOSSYN
IOSTAPEC
IOSTATUS

IOSTCMID
IOSTCWAD
IOSTSA
IOSTSB
IOSTSLL

IOSUCB
IOSUSE
IOSVERIF
IOSVPSID
IOSVSAID

IOSVST
IOSV16ID
IOSV33ID
IOSXCFID
IOSXCPID

IOSXERPL
IOSXMSAV
IOSZ
IOS2CSWS
M00M0006

SRB
SRBASCB
SRBASC24
SRBBLK24
SRBCPAFF

SRBEND
SRBEP
SRBEPA
SRBFLC
SRBFLGS

SRBFLGS1
SRBFLNK
SRBFRA
SRBFRA3
SRBFRRCL

SRBFRRREQ
SRBHLHI
SRBID
SRBLLHLD
SRBLLREQ

SRBMAIN
SRBMODE
SRBMSCHD
SRBPARM
SRBPASID

IATYWTR4 Cross Reference

Name

SRBPKF
SRBPMCS
SRBPNONQ
SRBPRIOR
SRBPSYS

SRBPTCB
SRBRMODE
SRBRMTLL
SRBRMTR
SRBRMTRA

SRBRMTR0
SRBRMTR3
SRBSAVE
SRBSD31
SRBSECT

SRBSIZE
SRBSP245
SRBSUSP
SRBTOKNP
SRBWEB

SRBXESF
SRB1STS
WTRCIMPL
WTRCRDS
WTRDAREA

WTRDATE
WTRDCCDB
WTRDCDEP
WTRDCFLG
WTRDCLR

WTRDCMDQ
WTRDCRVS
WTRDCTAD
WTRDCTPG
WTRDCUPG

WTRDDCDB
WTRDDIAG
WTRDDSER
WTRDDSN
WTRDDSNF

WTRDDSNL
WTRDFAIL
WTRDFDJN
WTRDFLGI
WTRDFLGO

WTRDFSA
WTRDFSID
WTRDFSS
WTRDIARE
WTRDICDE

WTRDIDDN
WTRDIDEV
WTRDIMOD
WTRDINAM
WTRDINTS

WTRDINTV
WTRDINVO
WTRDISTY
WTRDITYP
WTRDJDST

Name

WTRDJFLG
WTRDJFLS
WTRDJFRM
WTRDJID
WTRDJNAM

WTRDLDCM
WTRDL DST
WTRDLFCB
WTRDLFLS
WTRDLFRM

WTRDLGCR
WTRDLMRC
WTRDLMSG
WTRDLOCN
WTRDLUCS

WTRDMDDS
WTRDMDD2
WTRDMGAC
WTRDMGNA
WTRDMPRQ

WTRDMSAV
WTRDMSG
WTRDMSGF
WTRDMSGI
WTRDMSGO

WTRDMSGP
WTRDMSGR
WTRDM731
WTRDNAME
WTRDODDN

WTRDODEV
WTRDODV3
WTRDOFLG
WTRDOMOD
WTRDONAM

WTRDOSTY
WTRDOTOK
WTRDOTYP
WTRDPFLG
WTRDPGCT

WTRDPPSR
WTRDPSTF
WTRDQMSG
WTRDRCD S
WTRDR CER

WTRDRFOR
WTRDRLJN
WTRDRSQ
WTRDRSV1
WTRDRSV2

WTRDRSV3
WTRDRSV5
WTRDR TOK
WTRDSADD
WTRDSECA

WTRDSECT
WTRDSNAM
WTRDSPRT
WTRDSTQ1
WTRDSTQ2

IATYWTR4 Cross Reference

Name

WTRDSTQ3
WTRDSTQ4
WTRDSTUP
WTRDSUPI
WTRDSUPO

WTRDTMEX
WTRDTMOT
WTRDTYPE
WTRDUDST
WTRDUFLG

WTRDUFLS
WTRDUFRM
WTRDWAIT
WTRDWSTM
WTRDXCDB

WTRDXCDB_KEYUSED_CMDIND

WTRDXCDB_XABEND

WTRDXCDB_XABEND_NO

WTRDXCDB_XABEND_YES

WTRDXCDB_XCART

WTRDXCDB_XCMDIND_NO

WTRDXCDB_XCMDIND_YES

WTRDXCDB_XCNDB

WTRDXCDB_XCONSID

WTRDXCDB_XCONSNM

WTRDXCDB_XEYECATCH

WTRDXCDB_XFLAG1

WTRDXCDB_XFLAG2

WTRDXCDB_XINCND

WTRDXCDB_XKEYS

WTRDXCDB_XOPERATION_EXTRACTCART

WTRDXCDB_XOPERATION_EXTRACTCONSID

WTRDXCDB_XOPERATION_EXTRACTCONSNAME

WTRDXCDB_XOPERATION_EXTRACTCONSTYPE

WTRDXCDB_XOPERATION_EXTRACTROUT

WTRDXCDB_XOPERATION_INITIALIZE

WTRDXCDB_XOPERATION_RESET

WTRDXCDB_XOPERATION_TRANSCONSID

Name

WTRDXCDB_XOPERATION_TRANSFER
WTRDXCDB_XOPERATION_TRANSROUT
WTRDXCDB_XOPERATION_UPDATE
WTRDXCDB_XOPERATION_VERIFY
WTRDXCDB_XOUTCART
WTRDXCDB_XOUTCNDB
WTRDXCDB_XOUTCONSID
WTRDXCDB_XOUTCONSNAME
WTRDXCDB_XOUTCONSTYPE
WTRDXCDB_XOUTROUT
WTRDXCDB_XROUT
WTRDXCDB_XRSV001
WTRDXCDB_XRSV002
WTRDXCDB_XUSERADDR
WTRDXCDB_XVERSION

WTRDXCDBL
WTRDYNAM
WTRENFDS
WTRENTNM
WTRFCKAL
WTRFCLPI
WTRFCLR
WTRFCPER
WTRFCPIP
WTRFDCPI
WTRFDOSU
WTRFDRET
WTRFDSAD
WTRFDSUP
WTRFDUMP
WTRFDVRS
WTRFENQ
WTRFENQW
WTRFFAIL
WTRFFIT
WTRFFLGA
WTRFFLG1
WTRFFLG2
WTRFFLG3
WTRFFLG4
WTRFFLG5
WTRFFLG6
WTRFFLG7
WTRFFLG8

IATYWTR4 Cross Reference

Name

WTRFFLG9
WTRFFRIP
WTRFFSA
WTRFFSAA
WTRFFSRC

WTRFFSS
WTRFFSSA
WTRFGDEP
WTRFGDRN
WTRFGDSF

WTRFGRCM
WTRFGTRL
WTRFINEP
WTRFINZ0
WTRFISSET

WTRFIWTO
WTRFJMRA
WTRFJNDS
WTRFJNNX
WTRFJOSL

WTRFJTRL
WTRFMANU
WTRFMFSS
WTRFMID
WTRFM PAD

WTRFM PDL
WTRFM PER
WTRFNCKP
WTRFNDMP
WTRFNEWS

WTRFOSDP
WTRFPDQC
WTRFPDQF
WTRFPDQL
WTRFPDQS

WTRFPORQ
WTRFPRIM
WTRFQREQ
WTRFQUET
WTRFRCFM

WTRFRCUR
WTRFRDEP
WTRFRECL
WTRFRESP
WTRFRLTM

WTRFRSCD
WTRFRSTR
WTRFRSVD
WTRFRSVS
WTRFRSVU

WTRFRSVX
WTRFRSV1
WTRFR TMI
WTRFRVA3
WTRFRVA4

WTRFRVA5
WTRFRVA6
WTRFSAAC
WTRFSAAD
WTRFSABN

Name

WTRFSAFL
WTRFSARS
WTRFSASA
WTRFSATM
WTRFSDDN

WTRFSEET
WTRFSETE
WTRFSMSG
WTRFSNUM
WTRFSRS

WTRFSSAD
WTRFSSNM
WTRFSSSA
WTRFSTAR
WTRFSTAT

WTRFSTRS
WTRFSVAL
WTRFSV10
WTRFSWRK
WTRFSYET

WTRFSYWM
WTRFSYWT
WTRFTEEP
WTRFTREQ
WTRFUIR

WTRFUX45
WTRFVOFF
WTRFWOSU
WTRFWUAL
WTRF0FDB

WTRF3MSG
WTRGDPDQ
WTRGDSST
WTRICKPG
WTRICKSC

WTRICURR
WTRIDLES
WTRIRCUR
WTRISTAR
WTRIWFIT

WTRI7030
WTRJPDV
WTRJTRNX
WTRLNTRN
WTRMPEPT

WTRNOACT
WTRNOSPN
WTRNSTAR
WTRNZIOR
WTR0ACWA

WTR0ASA
WTR0BEMP
WTR0BTS
WTR0CDEP
WTR0CHK

WTR0CHOR
WTR0CLOS
WTR0CLSM
WTR0CMPL
WTR0COD1

IATYWTR4 Cross Reference

Name

WTROCOD2
WTROCONS
WTROCOPY
WTROCSWS
WTRODIEF

WTRODS
WTRODVOP
WTROECBI
WTROECBJ
WTROEJDN

WTROEJOP
WTROEJRQ
WTROEOC
WTROERSE
WTROEXCP

WTROFLGS
WTROFLG1
WTROFLG2
WTROFLG3
WTROFLG4

WTROFRRE
WTROFRRF
WTROF480
WTROINT
WTROINTM

WTROINTP
WTROJAM
WTROJHDR
WTROJMCT
WTROKEY

WTROLBL
WTROLGSL
WTROLGST
WTROLIST
WTROLOPJ

WTROLRCL
WTROMASK
WTROMCH
WTROMSK
WTRONJID

WTRONNID
WTRONNP
WTRONOPJ
WTRONXTS
WTRONXTT

WTROODND
WTROODPX
WTROODSZ
WTROOPTJ
WTROORTP

WTROOVER
WTROPAGE
WTROPPQF
WTROPPQL
WTROPPQN

WTROPREC
WTROPREQ
WTROPREV
WTROPSCH
WTROREAL

Name

WTROREC
WTROREDY
WTROREG
WTROREGS
WTROREG0

WTROREG1
WTRORETN
WTRORJCT
WTRORSVD
WTRORSVS

WTRORSV1
WTRORTR1
WTROSAVE
WTROSIOR
WTROSNS

WTROSNS2
WTROSNS3
WTROSNS4
WTROSN00
WTROSN01

WTROSPC1
WTROSPC2
WTROSPLT
WTROSRB1
WTROSRB2

WTROSREC
WTROSRES
WTROSTKD
WTROSUPO
WTROTRFD

WTROTRNC
WTROTRUN
WTRouser
WTRVOL
WTRVSTP

WTRWTRX
WTRPDIRN
WTRPDQER
WTRPSSCA
WTRP0FDB

WTRQURYF
WTRRSVD0
WTRRSVD1
WTRRSVD4
WTRRSVD6

WTRRSVD8
WTRRSVD9
WTRRSVS0
WTRRSVS1
WTRRSVS2

WTRRSVS4
WTRSAFOK
WTRSCFLG
WTRSCGMN
WTRSCHFL

WTRSCHKT
WTRSCHLN
WTRSCHPG
WTRSCHSZ
WTRSCOPY

IATYWTR4 Cross Reference

Name

WTRSC TAB
WTRSDSOP
WTRSECPT
WTRSETDV
WTRSF CBO

WTRSF LG1
WTRSF LG2
WTRSF LG3
WTRSF MH2
WTRSF OCO

WTRSF RMS
WTRSL DEN
WTRSM SGM
WTRSN REC
WTRSN XDS

WTRSPAN
WTRSP DEV
WTRSP ERR
WTRSP FCB
WTRSP FIR

WTRSP FLG
WTRSP FSA
WTRSP FSS
WTRSP LST
WTRSP NTH

WTRSP PAD
WTRSP REC
WTRSP RRR
WTRSP RLN
WTRSP RSRT

WTRSP RSVD
WTRSP RSV1
WTRSP RSV2
WTRSP RSV3
WTRSP SDEV

WTRSP SEND
WTRSP SUSP
WTRSP TACC
WTRSP TART
WTRSP TDEV

WTRSP TFSA
WTRSP UC SO
WTRSP WBF
WTRSP WBN
WTRSP WBP

WTRSP WBSZ
WTRSP YNDV
WTR TIME
WTR TUSID
WTR T7008

WTR WOSER
WTR WSPUP
WTR XCPDS
WTR XF SER
WTR XL MSD
WTR XO SEN

IATYXPR Information

IATYXPR Programming Interface information

Programming Interface information

IATYXPR

End of Programming Interface information

Heading Information • IATYXPR Map

IATYXPR Heading Information

Common Name: XPRT WORK AREA
Macro ID: IATYXPR
DSECT Name: IATYXPR
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Determined by the callers of the IATXPRT routine
 Auxiliary Storage: N/A
Size: 309 Bytes
Created by: The callers of the IATXPRT routine
Pointed to by: Reg 1 when passed as a parameter to the IATXPRT routine
Serialization: NONE
Function: IATXPRT SERVICE INSTRUCTION WRITERS.

IATYXPR Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYXPR	
0	(0)	CHARACTER	8	XPRTABID	- TABLE ID
8	(8)	SIGNED	4	XPRDATA	- DATA PTR
12	(C)	CHARACTER	8	XPRID1	- ID1 SAVE
20	(14)	CHARACTER	8	XPRID2	- ID2 SAVE
28	(1C)	CHARACTER	8	XPRID3	- ID3 SAVE
36	(24)	CHARACTER	8	XPRID4	- ID4 SAVE
44	(2C)	SIGNED	4	XPRIDC1	4 IDC1 SAVE
48	(30)	SIGNED	4	XPRIDC2	- IDC2 SAVE
52	(34)	SIGNED	4	XPRIDC3	- IDC3 SAVE
56	(38)	SIGNED	4	XPRIDC4	- IDC4 SAVE
60	(3C)	SIGNED	4	XPRREG0	- REG 0 SAVE
64	(40)	SIGNED	4	XPRREG1	- REG 1 SAVE
68	(44)	SIGNED	4	XPRREG2	- REG 2 SAVE
68	(44)	X'44'	0	XPRR2HI	"XPRREG2,1" MAP R2 HI-ORDER BYTE
68	(44)	X'45'	0	XPRR2B2	"XPRREG2+1,1" Map byte 2 of register 2
68	(44)	X'46'	0	XPRR2B3	"XPRREG2+2,1" Map byte 3 of register 2
68	(44)	X'47'	0	XPRR2LO	"XPRREG2+3,1" MAP R2 LO-ORDER BYTE
72	(48)	SIGNED	2	XPRSZ	- DATA SIZE
74	(4A)	BITSTRING	1	XPRFLAG1	- FLAG1

Comment

 DEFINITION OF XPRFLAG1

End of Comment

		1... ..		XPRUOPEN	"X'80" - USER OPENED THE DATASET
		.1.		XPRCBPRT	"X'40" - CBPRINT FILE
		..1.		XPRORESQ	"X'20" Opened with an RQ
75	(4B)	BITSTRING	1	XPRFLAG2	- FLAG2

Comment

 DEFINITION OF XPRFLAG2

End of Comment

		1... ..		XPRTIME	"X'80" - TIME WAS SPECIFIED
76	(4C)	SIGNED	4	XPRRESQ	- RESQ SAVE
80	(50)	SIGNED	4	XPRFDB	- FDB SAVE
84	(54)	SIGNED	4	XPRJRCB	- RCB SAVE
88	(58)	SIGNED	4	XPRWORK	- WORK AREA
92	(5C)	SIGNED	4	XPRNOTE	- NOTE FROM JDS ACCESS
96	(60)	BITSTRING	32	XPRFDB1	FDB IF RESQ SPECIFIED

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
128	(80)	SIGNED	4	XPRDDNAM	- PTR TO DDNAME
132	(84)	SIGNED	4	XPRLINCT	OUTPUT LINE COUNT
136	(88)	SIGNED	4	XPRRSVDS (3)	RESERVED FOR SERVICE
148	(94)	SIGNED	4	XPRBYTCT	Output byte count
152	(98)	DBL WORD	8	XPRDWRK (2)	DOUBLE WORD WORK AREA
168	(A8)	SIGNED	4	XPRRSVDU (2)	- RESERVED FOR USER

Comment

 PRINT LINE FORMAT

End of Comment

176	(B0)	CHARACTER	133	XPRLINE (0)	
176	(B0)	CHARACTER	1	XPRASA	- ASA CONTROL CHARACTER
177	(B1)	CHARACTER	8	XPRID	- LINE ID
185	(B9)	CHARACTER	2	XPRCN1	- BLANK H1
187	(BB)	CHARACTER	8	XPRDISP	- DISPLACEMENT
195	(C3)	CHARACTER	2	XPRCN2	- BLANK #2
197	(C5)	CHARACTER	8	XPRMSG1	- MSG #1
205	(CD)	CHARACTER	1	XPRCN3	- BLANK #3
206	(CE)	CHARACTER	8	XPRMSG2	- MSG #2
214	(D6)	CHARACTER	1	XPRCN4	- BLANK #4
215	(D7)	CHARACTER	8	XPRMSG3	- MSG #3
223	(DF)	CHARACTER	1	XPRCN5	- BLANK #5
224	(E0)	CHARACTER	8	XPRMSG4	- MSG #4
232	(E8)	CHARACTER	2	XPRCN6	- BLANK #6
234	(EA)	CHARACTER	8	XPRMSG5	- MSG #5
242	(F2)	CHARACTER	1	XPRCN7	- BLANK #7
243	(F3)	CHARACTER	8	XPRMSG6	- MSG # 6
251	(FB)	CHARACTER	1	XPRCN8	- BLANK #8
252	(FC)	CHARACTER	8	XPRMSG7	- MSG #7
260	(104)	CHARACTER	1	XPRCN9	- BLANK #9
261	(105)	CHARACTER	8	XPRMSG8	- MSG #8
269	(10D)	CHARACTER	2	XPRCN10	- BLANK #10
271	(10F)	CHARACTER	1	XPRCN11	- ASTERISK #1
272	(110)	CHARACTER	32	XPRTR	- TRANSLATION
304	(130)	CHARACTER	1	XPRCN12	- ASTERISK #2
305	(131)	CHARACTER	4	XPRCN14	- BLANK #11
309	(135)	BITSTRING	1	XPREND (0)	
309	(135)	BITSTRING	1	XPRLSIZ (0)	SIZE OF PRINT LINE

IATYXPR Cross Reference

Name

- IATYXPR
- XPRASA
- XPRBYTCT
- XPRCBPRT
- XPRCN1
- XPRCN10
- XPRCN11
- XPRCN12
- XPRCN14
- XPRCN2
- XPRCN3
- XPRCN4
- XPRCN5
- XPRCN6
- XPRCN7

IATYXPR Cross Reference

Name

XPRCN8
XPRCN9
XPRDATA
XPRDDNAM
XPRDISP

XPRDWRK
XPREND
XPRFDB
XPRFDB1
XPRFLAG1

XPRFLAG2
XPRID
XPRIDC1
XPRIDC2
XPRIDC3

XPRIDC4
XPRID1
XPRID2
XPRID3
XPRID4

XPRJRCB
XPRLINCT
XPRLINE
XPRLSIZ
XPRMSG1

XPRMSG2
XPRMSG3
XPRMSG4
XPRMSG5
XPRMSG6

XPRMSG7
XPRMSG8
XPRNOTE
XPRORESQ
XPRREG0

XPRREG1
XPRREG2
XPRRESQ
XPRRSVDS
XPRRSVDU

XPRR2B2
XPRR2B3
XPRR2HI
XPRR2LO
XPRSIZ

XPRTABID
XPRTIME
XPRTR
XPRUOPEN
XPRWORK

IATY1FB Information

IATY1FB Heading Information

Common Name: System 1FB ABEND Reason Codes
Macro ID: IATY1FB
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: Provide equates for the 1FB ABEND code and the reason codes for the ABEND.

IATY1FB Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0		
0	(0)	BITSTRING	0	ABEND1FB	"X'1FB" ABEND 1FB
		.... ..1		R1FBCD01	"X'01" IATDMEB - SVT validation error, SVT block ID (SVTID) is invalid
		.... ..1.		R1FBCD02	"X'02" Reserved for IATDMEBx 11485TAC 11485TAD
		.... ..11		R1FBCD03	"X'03" IATDMEB - Undefined function code
		.... ..1..		R1FBCD04	"X'04" IATDMEB - GET routine, IATXSIO error return
		.... ..1.1		R1FBCD05	"X'05" IATDMEB3 - Data Management 11485TAC Point routine, IATXSIO 11485TAA error return 11485TAC
		.... ..11.		R1FBCD06	"X'06" IATDMEB3 - SSI Point 11485TAC routine, IATXSIO error 11485TAA return 11485TAC
		.... ..111		R1FBCD07	"X'07" IATDMEB - GET routine, IATXSIO error return
		.... 1...		R1FBCD08	"X'08" IATDMEB - PUT-Update routine, IATXSIO error return
		.... 1..1		R1FBCD09	"X'09" IATDMEB - IATDMEBA routine, DAT validation error, DAT address out of range (too low)
		.... 1.1.		R1FBCD10	"X'0A" IATDMEB - IATDMEBA routine, DAT validation error, DAT address out of range (too high)
		.... 1.11		R1FBCD11	"X'0B" IATDMEBS - IATXSIO error 11485TAC return 11485TAC
		.... 11..		R1FBCD12	"X'0C" IATDMEB3 - Buffer Check- 11485TAC point routine, IATXUBAL 11485TAA busy return 11485TAC
		.... 11.1		R1FBCD13	"X'0D" IATDMEBS - IATXUBAL error 11485TAC return 11485TAC
		.... 111.		R1FBCD14	"X'0E" IATDMEBS - IATXSIO error 11485TAC return 11485TAC
		.... 1111		R1FBCD15	"X'0F" IATDMEBS - IATXSIO error 11485TAC return 11485TAC
		...1		R1FBCD16	"X'10" IATDMEBS - IATXSIO error 11485TAC return 11485TAC
		...1 ...1		R1FBCD17	"X'11" IATDMEBS - IATXUBAL busy 11485TAC return 11485TAC
		...1 ..1.		R1FBCD18	"X'12" IATDMEB3 - ENDREQ routine, 11485TAC serialization failure
		...1 ..11		R1FBCD19	"X'13" IATDMEBS - IATXUBAL busy 11485TAC return 11485TAC
		...1 ..1..		R1FBCD20	"X'14" IATDMEB - UBUFF validation error, DMC block ID (DMCID) is invalid
		...1 ..1.1		R1FBCD21	"X'15" IATDMEB - Data management wait already outstanding
		...1 ..11.		R1FBCD22	"X'16" IATDMEB - SSI wait already outstanding
		...1 ..111		R1FBCD23	"X'17" IATDMEB - IATXSIO error return

IATY1FB Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
...	1...	R1FBCD24		"X'18" IATDMEB - DMC validation error, DMC block ID (DMCID) is invalid	
...	1..1	R1FBCD25		"X'19" IATDMEB - DMC validation error, DMC address is out of range (too low)	
...	1.1.	R1FBCD26		"X'1A" IATDMEB - DMC validation error, DMC address is out of range (too high)	
...	1.11	R1FBCD27		"X'1B" IATDMEB - DAT validation error, DAT block ID (DATID) is invalid	
...	11..	R1FBCD28		"X'1C" IATDMEB - DAT validation error, DAT address is out of range (too low)	
...	11.1	R1FBCD29		"X'1D" IATDMEB - DAT validation error, DAT address is out of range (too high)	
...	111.	R1FBCD30		"X'1E" IATDMEB3 - ENDREQ routine, 11485TAC GETMAIN failure 11485TAC	
...	1111	R1FBCD31		"X'1F" IATSICC - Permanent I/O error writing last buffer	
..1.	....	R1FBCD32		"X'20" IATDMFR - Failure in IATDMEB channel end routine (IATDMEBS)
..1.	...1	R1FBCD33		"X'21" IATDMEBS - Cross memory 11485TAC move (IATXVMXM) error 11485TAA return 11485TAC	
..1.	..1.	R1FBCD34		"X'22" IATDMEB - DSS block ID (DSSID) is invalid on entry to IATDMEB	
..1.	..11	R1FBCD35		"X'23" IATDMEB - DSS validation error, SVT pointer (DSSSVT) is invalid	
..1.	.1..	R1FBCD36		"X'24" IATDMEB - DSB validation error, DSB block ID (DSBID) is invalid	
..1.	.1.1	R1FBCD37		"X'25" IATDMEBS - Error return 11485TAC from UBUF allocation 11485TAA routine 11485TAC	
..1.	.11.	R1FBCD38		"X'26" IATDMEBS - IATXSIO error 11485TAC return 11485TAC	
..1.	.111	R1FBCD39		"X'27" IATDMEB3 - Could not free 11485TAC buffers, bad DSS/DSB	
..1.	1...	R1FBCD40		"X'28" IATDMEB2 and IATDMEB3 - DAT 11485TAC validation error, DAT 11485TAA address is out of range 11485TAC (too low) 11485TAC	
..1.	1..1	R1FBCD41		"X'29" IATDMEB2 and IATDMEB3 - DAT 11485TAC validation error, DAT 11485TAA address is out of range 11485TAC (too high) 11485TAC	
..1.	1.1.	R1FBCD42		"X'2A" IATDMEB3 - ENDREQ routine, 11485TAC SSISERV error (JIB block 11485TAA ID invalid) 11485TAC	
..1.	1.11	R1FBCD43		"X'2B" IATDMEB3 - ENDREQ routine, 11485TAC error in JDS access 11485TAC	
..1.	11..	R1FBCD44		"X'2C" IATDMEB - DMC validation error, DMC address is out of range (too low)	
..1.	11.1	R1FBCD45		"X'2D" IATDMEB - DMC validation error, DMC address is out of range (too high)	
..1.	111.	R1FBCD46		"X'2E" IATDMEBS - DAT validation 11485TAC error, DAT address is out 11485TAC of range (too low) 11485TAC	
..1.	1111	R1FBCD47		"X'2F" IATDMEBS - DAT validation 11485TAC error, DAT address is out 11485TAC of range (too high) 11485TAC	
..11	....	R1FBCD48		"X'30" IATDMEB - Error return from spool record allocation (IATDMDKR)
..11	...1	R1FBCD49		"X'31" IATDMEB3 - DAT validation 11485TAC error, DAT address is out 11485TAC of range (too low) 11485TAC	
..11	..1.	R1FBCD50		"X'32" IATDMEB3 - DAT validation 11485TAC error, DAT address is out 11485TAC of range (too high) 11485TAC	
..11	..11	R1FBCD51		"X'33" IATDMEB3 - DAT validation 11485TAC error, DAT block ID 11485TAA (DATID) is invalid 11485TAC	
..11	.1..	R1FBCD52		"X'34" IATDMEB3 - DAT validation 11485TAC error, DAT address is out 11485TAC of range (too low) 11485TAC	
..11	.1.1	R1FBCD53		"X'35" IATDMEB3 - DAT validation 11485TAC error, DAT address is out 11485TAC of range (too high) 11485TAC	

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		..11 .11.		R1FBCE54	"X'36" IATDMEB3 - DAT validation 11485TAC error, DAT block ID 11485TAA (DATID) is invalid 11485TAC
		..11 .111		R1FBCE55	"X'37" IATDMEB3 - DAT validation 11485TAC error, DAT address is out 11485TAC of range (too low) 11485TAC
		..11 1...		R1FBCE56	"X'38" IATDMEB3 - DAT validation 11485TAC error, DAT address is out 11485TAC of range (too high) 11485TAC
		..11 1..1		R1FBCE57	"X'39" IATDMEB3 - DAT validation 11485TAC error, DAT block ID 11485TAA (DATID) is invalid 11485TAC
		..11 1..1.		R1FBCE58	"X'3A" IATDMEBS - Error adding DSS 11485TAC to RAB queue during write error retry
		..11 1.11		R1FBCE59	"X'3B" IATDMEBS - Error adding DSS 11485TAC to RAB queue after IATXSIO processing
		..11 11..		R1FBCE60	"X'3C" IATDMEBS - Error resetting 11485TAC DSS in routine EBSSD000
		..11 11.1		R1FBCE61	"X'3D" IATDMEB - Error adding DSS to RAB queue in routine EBSPO000
		..11 111.		R1FBCE3E	"X'3E" Various modules - DSB 15606T6C failed validation 15606T6A
		..11 1111		R1FBCE3F	"X'3F" IATDMEB - RPL not provided 15606T6C
		.1..		R1FBCE64	"X'40" IATDMDM - Invalid ACB on entry to IATDMDM
		.1.. ...1		R1FBCE65	"X'41" IATDMDM - DSB validation error, DSB block ID (DSBID) invalid
		.1.. ..1.		R1FBCE66	"X'42" IATDMDM - DSS validation error, DSS block ID (DSSID) invalid
		.1.. ..11		R1FBCE67	"X'43" IATDMDM - PUT routine, invalid DAT address
		.1.. .1..		R1FBCE68	"X'44" IATDMDM - PUT routine, invalid buffer pointer
		.1.. .1.1		R1FBCE69	"X'45" IATDMDM - PUT routine, no room remains in buffer
		.1.. .11.		R1FBCE70	"X'46" IATDMDM - DAT validation error, DAT address out of range (too low)
		.1.. .111		R1FBCE71	"X'47" IATDMDM - DAT validation error, DAT address out of range (too high)
		.1.. 1...		R1FBCE72	"X'48" IATDMDM - ENDREQ routine, unsuccessful GETMAIN
		.1.. 1..1		R1FBCE73	"X'49" IATDMDM - ENDREQ routine, Input Service error
		.1.. 1.1.		R1FBCE74	"X'4A" IATDMDM - ENDREQ routine, JOBID not returned from Input Service
		.1.. 1.11		R1FBCE75	"X'4B" IATDMDM - PUT routine, error re-opening INTRDR data set
		.1.. 11..		R1FBCE76	"X'4C" IATDMDM - PUT ROUTINE, serialization failure
		.1.. 11.1		R1FBCE77	"X'4D" IATDMDM - GETMAIN failed processing STC request
		.1.. 111.		R1FBCE78	"X'4E" IATDMDM - Error processing SYSIN in-stream data set
		.1.. 1111		R1FBCE79	"X'4F" IATDMDM - Negative record # generated for RPLRBAR
		.1.1		R1FBCE80	"X'50" IATSIAD - SSISERV error return
		.1.1 ...1		R1FBCE81	"X'51" IATSIAD - SSISERV error return
		.1.1 ..1.		R1FBCE82	"X'52" IATSIAD - SSISERV error return, job marked 'delete only'
		.1.1 ..11		R1FBCE83	"X'53" IATSIAD - SSISERV error return, catastrophic error
		.1.1 .1..		R1FBCE84	"X'54" IATSIAD - SSISERV error return, bad data sent
		.1.1 .1.1		R1FBCE85	"X'55" IATSIAD - SSISERV error return, error during PSO unallocation
		.1.1 .11.		R1FBCE86	"X'56" IATSIAD - SSISERV error return, no job number available
		.1.1 .111		R1FBCE87	"X'57" IATSIAD - SSISERV error return
		.1.1 1...		R1FBCE88	"X'58" IATSIAD - SSISERV error return
		.1.1 1..1		R1FBCE89	"X'59" Reserved for IATSIAD 11957S5C 11957S5D
		.1.1 1.1.		R1FBCE90	"X'5A" IATSIAD - Non-alphanumeric sysout class allocation
		.1.1 1.11		R1FBCE91	"X'5B" Reserved for IATSIAD
		.1.1 11..		R1FBCE92	"X'5C" Reserved for IATSIAD
		.1.1 11.1		R1FBCE93	"X'5D" Reserved for IATSIAD

IATY1FB Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
.1.1	111.	R1FBCD94		"X'5E'"	Reserved for IATSIAD
.1.1	1111	R1FBCD95		"X'5F'"	Reserved for IATSIAD
.11.	....	R1FBCD96		"X'60'"	IATSIOR - OPEN serialization failure
.11.	...1	R1FBCD97		"X'61'"	IATSIOR - OPEN serialization failure
.11.	..1.	R1FBCD98		"X'62'"	IATSIOR - ORT not available
.11.	..11	R1FBCD99		"X'63'"	IATSIOR - ORT not available
.11.	.1..	R1FBC100		"X'64'"	IATSIOR - Error return from IATSIOD
.11.	.1.1	R1FBC101		"X'65'"	IATSIOR - User writer name not specified
.11.	.11.	R1FBC102		"X'66'"	IATSIOR - SSISERV error return, job marked 'delete-only'
.11.	.111	R1FBC103		"X'67'"	IATSIOR - SSISERV error return, catastrophic error
.11.	1...	R1FBC104		"X'68'"	IATSIOR - SSISERV error return, no JDS found
.11.	1..1	R1FBC105		"X'69'"	IATSIOR - SSISERV error return, job number not available
.11.	1.1.	R1FBC106		"X'6A'"	IATSIOR - BUSY return taken from buffer allocation rtn
.11.	1.11	R1FBC107		"X'6B'"	IATSIOR - Error adding DSS to RAB queue after open error
.11.	11..	R1FBC108		"X'6C'"	IATSIOR - SSISERV error 0097 job marked 'delete-only' 0097
.11.	11.1	R1FBC109		"X'6D'"	IATSIOR - OPEN serialization failure
.11.	111.	R1FBC110		"X'6E'"	IATSIOR - OSE buffer number overflow
.111	....	R1FBC112		"X'70'"	IATSICC - SSISERV error return, job marked 'delete-only'
.111	...1	R1FBC113		"X'71'"	IATSICC - SSISERV error return, processing INTRDR job
.111	..1.	R1FBC114		"X'72'"	IATSICC - SSISERV error return, catastrophic error
.111	..11	R1FBC115		"X'73'"	IATSICC - SSISERV error return, bad data sent
.111	.1..	R1FBC116		"X'74'"	IATSICC - SSISERV error return, job number not available
.111	.1.1	R1FBC117		"X'75'"	IATSICC - CLOSE serialization failure
.111	.11.	R1FBC118		"X'76'"	IATSICC - PUT serialization failure
.111	.111	R1FBC119		"X'77'"	Reserved for IATSICC
.111	1...	R1FBC120		"X'78'"	Reserved for IATSICC
.111	1..1	R1FBC121		"X'79'"	IATSICC - Close INTRDR 0008 serialization failure 0008
.111	1.1.	R1FBC122		"X'7A'"	Reserved for IATSICC
.111	1.11	R1FBC123		"X'7B'"	Reserved for IATSICC
.111	11..	R1FBC124		"X'7C'"	Reserved for IATSICC
.111	11.1	R1FBC125		"X'7D'"	Reserved for IATSICC
.111	111.	R1FBC126		"X'7E'"	Reserved for IATSICC
.111	1111	R1FBC127		"X'7F'"	Reserved for IATSICC
1...	....	R1FBC128		"X'80'"	IATDMFR - Failure in IATSIAD, routine IATSIADD
1...	...1	R1FBC129		"X'81'"	IATDMDK - Failure adding DSS to the PBUF wait queue
1...	..1.	R1FBC130		"X'82'"	IATDMDK - Failure adding DSS to the SRB wait queue
1...	..11	R1FBC131		"X'83'"	IATDMDK - Failure to reset DSS after it was removed from the RAB wait queue
1...	.1..	R1FBC132		"X'84'"	IATDMER - Failure adding DSS to the SRB wait queue
1...	.1.1	R1FBC133		"X'85'"	IATDMFR - Recovery or control block validation error
1..1	....	R1FBC144		"X'90'"	IATDMDM - STORAGE OBTAIN 0210 failed in routine DMDMSYMT 0210
1..1	...1	R1FBC145		"X'91'"	IATDMDM - Call to IATGRAS 0210 failed in routine DMDMSYMT 0210
1..1	..1.	R1FBC146		"X'92'"	IATDMDM - IXZXISM with 0210 SEGTYPE=FIRST specified 0210 failed in routine DMDMSYMT 0210
1..1	..11	R1FBC147		"X'93'"	IATDMDM - IXZXISM with 0210 SEGTYPE=LAST specified 0210 failed in routine DMDMSYMT 0210

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		1..1 .1..		R1FBC148	"X'94" IATDMDM - IXZXIAC macro 0210 failed in routine DMDMSYMT 0210
		1..1 .1.1		R1FBC149	"X'95" IATDMDM - STORAGE RELEASE 0210 failed in routine DMDMSYMT 0210
		1..1 .11.		R1FBC150	"X'96" IATDMDM - Buffer failed validation
		1..1 .111		R1FBRC97	"X'97" IATDMDM - Record size error 15568T6C
		1..1 1...		R1FBRC98	"X'98" IATDMDM - Record size error 15568T6C
		1..1 1..1		R1FBRC99	"X'99" IATDMDM - Record size error 15568T6C
		1..1 1.1.		R1FBRC9A	"X'9A" IATDMDM - Record size error 15568T6A
		1..1 1.11		R1FBRC9B	"X'9B" IATDMDM - Record size error 15568T6A
		1..1 11..		R1FBRC9C	"X'9C" IATDMDM - Record size error 15568T6A
		1..1 11.1		R1FBRC9D	"X'9D" IATDMDM - Record size error 15568T6A
		1..1 111.		R1FBRC9E	"X'9E" IATDMDM - Record size error 15568T6A
		1..1 1111		R1FBRC9F	"X'9F" IATDMDM - Record size error 15568T6A
		1.1.		R1FBC160	"X'A0" IATDMDS - A circular DMC chain was detected
		1.1. ...1		R1FBC161	"X'A1" IATDMDS - Failure in the link-up routine
		1.1. 1...		R1FBC168	"X'A8" IATDMIT - Channel program was incomplete
		1.1. 1..1		R1FBC169	"X'A9" IATDMIT - Failure adding a DSS to a queue
		1.1. 1.1.		R1FBC170	"X'AA" IATDMIT - Failure resetting a DSS after its removal
		1.1. 1.11		R1FBC171	"X'AB" IATGRSP - Failure releasing DSB spinoff lock
		1.1. 11..		R1FBC172	"X'AC" IATGRSP - Failure writing buffer
		1.1. 11.1		R1FBC173	"X'AD" IATGRSP - Failure freeing UBUFs
		1.1. 111.		R1FBC174	"X'AE" IATGRSP - Failure obtaining UBUFs
		1.1. 1111		R1FBC175	"X'AF" IATGRSP - Failure during dataset point
		1.11		R1FBC176	"X'B0" IATGRSP - Failure during spinoff processing
		1.11 ...1		R1FBC177	"X'B1" IATGRSP - Failure during UBUF lock get processing
		1.11 ..1.		R1FBC178	"X'B2" IATGRSP - Failure during UBUF lock free processing
		11..		R1FBC192	"X'C0" IATDMEB - EBR000 routine, EBGETUBF returned +0
		11.. ...1		R1FBC193	"X'C1" IATDMEB - Reserved for future expansion
		11.. ..1.		R1FBC194	"X'C2" IATDMEB - IATDMEBS routine, EBGETUBF returned +0
		11.. ..11		R1FBC195	"X'C3" IATDMEB - Data Management point routine, IATXSIO error return
		11.. .1..		R1FBC196	"X'C4" IATDMEB - IATDMEBS routine, 06944SUA freeing buffer pointed to 06944SUA by DSBLSTBF 06944SUA
		11.. .1.1		R1FBC197	"X'C5" IATDMEB - EBT000 routine, 06944SUA EBGETUBF returned +0 06944SUA
		11.. .11.		R1FBC198	"X'C6" IATDMEB - EBT000 routine, 06944SUA EBGETUBF returned +0 06944SUA
		11.. .111		R1FBC199	"X'C7" IATDMEB - EBG000 routine, 06944SUA buffers not sequential 06944SUA
		11.. 1...		R1FBC200	"X'C8" IATDMEB - Data Management 06944SUA point routine, IATXSIO 06944SUA error return 06944SUA
		11.1		R1FBRCD0	"X'D0" IATDMEB3 and IATGRSP - 11485TAC A job terminating request was made prior to the data management request.
		11.1 ...1		R1FBRCD1	"X'D1" IATDMEBS - Zero DATPREV 11485TAC found searching backward during a POINT operation
		11.1 ..1.		R1FBRCD2	"X'D2" IATDMEBS - The current UBUF 11485TAC is chained to the list of waiting buffers
		11.1 ..11		R1FBRCD3	"X'D3" IATDMEB - The DMC failed 10114S2A validation 10114S2A
		11.1 .1..		R1FBRCD4	"X'D4" IATDMEB - Unable to allocate 10253S2A a buffer for spool browse 10253S2A GET 10253S2A
		11.1 .1.1		R1FBRCD5	"X'D5" IATDMEB3 - Unable to 11485TAC allocate a buffer for 11485TAC spool browse GET 11485TAC
		11.1 .11.		R1FBRCD6	"X'D6" Reserved for IATDMEBx 11485TAC 2#11485TAD
		11.1 .111		R1FBRCD7	"X'D7" IATDMEB - Next spool buffer not sequential
		11.1 1...		R1FBRCD8	"X'D8" IATDMEB2 - Attempting to 11485TAC free the top DMC on the DSBBDMC chain

IATY1FB Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		11.1 1..1		R1FBRCD9	"X'D9" IATDMEB3 - Unable to 11485TAC allocate a buffer for 11485TAC spool browse GET 11485TAC
		11.1 1..1		R1FBRCD A	"X'DA" IATDMEB - Unable to allocate a buffer for spool browse GET
		11.1 1..11		R1FBRCD B	"X'DB" IATDMEB - No buffer exists on the DSBDDMC queue
		11.1 11..		R1FBRCD C	"X'DC" IATDMEB3 - No buffer exists 11485TAC on the DSBDDMC queue
		11.1 111.		R1FBRCD E	"X'DE" IATDMDM - Point failed for a Sysin control record
		11.1 1111		R1FBRCD F	"X'DF" IATDMEB3 - Data Management 11485TAC Point routine, IATXSIO 12190S5A error return 12190S5A
		111.		R1FBRCE0	"X'E0" IATDMEB3 - Unable to 11485TAC allocate a buffer for 11485TAC spool browse GET 11485TAC
		111. ...1		R1FBRCE1	"X'E1" IATDMEB3 - JIB error 11485TAC
		111. ..1.		R1FBRCE2	"X'E2" IATDMEB3 - No CLST pointer 11485TAC
		111. ..11		R1FBRCE3	"X'E3" IATDMEB - Task failed due 16108TAA preceding buffer 16108TAA corruption 16108TAA
		111. .1..		R1FBRCE4	"X'E4" IATDMCB - Error receiving msg from mailbox
		111. .1.1		R1FBRCE5	"X'E5" IATDMCB - Message Envelope eycatcher error
		111. .11.		R1FBRCE6	"X'E6" IATDMCB - Message Envelope too small for message data
		111. .111		R1FBRCE7	"X'E7" IATDMCB - Error in acknowledging a request
		111. 1...		R1FBRCE8	"X'E8" IATDMEB3 - Unable to allo- 11485TAA cate buffer for POINT 11485TAA
		111. 1..1		R1FBRCE9	"X'E9" IATDMEB3 - No buffer exists 11485TAA on the DSBDDMC queue 11485TAA

IATY1FB Cross Reference

Name

ABEND1FB
 R1FBCD01
 R1FBCD02
 R1FBCD03
 R1FBCD04

 R1FBCD05
 R1FBCD06
 R1FBCD07
 R1FBCD08
 R1FBCD09

 R1FBCD10
 R1FBCD11
 R1FBCD12
 R1FBCD13
 R1FBCD14

 R1FBCD15
 R1FBCD16
 R1FBCD17
 R1FBCD18
 R1FBCD19

 R1FBCD20
 R1FBCD21
 R1FBCD22
 R1FBCD23
 R1FBCD24

 R1FBCD25
 R1FBCD26
 R1FBCD27
 R1FBCD28
 R1FBCD29

Name

R1FBCD30
R1FBCD31
R1FBCD32
R1FBCD33
R1FBCD34

R1FBCD35
R1FBCD36
R1FBCD37
R1FBCD38
R1FBCD39

R1FBCD40
R1FBCD41
R1FBCD42
R1FBCD43
R1FBCD44

R1FBCD45
R1FBCD46
R1FBCD47
R1FBCD48
R1FBCD49

R1FBCD50
R1FBCD51
R1FBCD52
R1FBCD53
R1FBCD54

R1FBCD55
R1FBCD56
R1FBCD57
R1FBCD58
R1FBCD59

R1FBCD60
R1FBCD61
R1FBCD64
R1FBCD65
R1FBCD66

R1FBCD67
R1FBCD68
R1FBCD69
R1FBCD70
R1FBCD71

R1FBCD72
R1FBCD73
R1FBCD74
R1FBCD75
R1FBCD76

R1FBCD77
R1FBCD78
R1FBCD79
R1FBCD80
R1FBCD81

R1FBCD82
R1FBCD83
R1FBCD84
R1FBCD85
R1FBCD86

R1FBCD87
R1FBCD88
R1FBCD89
R1FBCD90
R1FBCD91

IATY1FB Cross Reference

Name

R1FBCD92
R1FBCD93
R1FBCD94
R1FBCD95
R1FBCD96

R1FBCD97
R1FBCD98
R1FBCD99
R1FBC100
R1FBC101

R1FBC102
R1FBC103
R1FBC104
R1FBC105
R1FBC106

R1FBC107
R1FBC108
R1FBC109
R1FBC110
R1FBC112

R1FBC113
R1FBC114
R1FBC115
R1FBC116
R1FBC117

R1FBC118
R1FBC119
R1FBC120
R1FBC121
R1FBC122

R1FBC123
R1FBC124
R1FBC125
R1FBC126
R1FBC127

R1FBC128
R1FBC129
R1FBC130
R1FBC131
R1FBC132

R1FBC133
R1FBC144
R1FBC145
R1FBC146
R1FBC147

R1FBC148
R1FBC149
R1FBC150
R1FBC160
R1FBC161

R1FBC168
R1FBC169
R1FBC170
R1FBC171
R1FBC172

R1FBC173
R1FBC174
R1FBC175
R1FBC176
R1FBC177

Name

R1FBC178
R1FBC192
R1FBC193
R1FBC194
R1FBC195

R1FBC196
R1FBC197
R1FBC198
R1FBC199
R1FBC200

R1FBRCD A
R1FBRCD B
R1FBRCD C
R1FBRCD E
R1FBRCD F

R1FBRCD 0
R1FBRCD 1
R1FBRCD 2
R1FBRCD 3
R1FBRCD 4

R1FBRCD 5
R1FBRCD 6
R1FBRCD 7
R1FBRCD 8
R1FBRCD 9

R1FBRCE 0
R1FBRCE 1
R1FBRCE 2
R1FBRCE 3
R1FBRCE 4

R1FBRCE 5
R1FBRCE 6
R1FBRCE 7
R1FBRCE 8
R1FBRCE 9

R1FBR C 3 E
R1FBR C 3 F
R1FBR C 9 A
R1FBR C 9 B
R1FBR C 9 C

R1FBR C 9 D
R1FBR C 9 E
R1FBR C 9 F
R1FBR C 9 7
R1FBR C 9 8
R1FBR C 9 9

IATY4FB Information

IATY4FB Heading Information

Common Name: Abend 4FB error code definitions
Macro ID: IATY4FB
DSECT Name:
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: NONE
Storage Attributes: Main Storage: N/A
 Auxiliary Storage: N/A
Size:
Created by: N/A
Pointed to by: N/A
Serialization: None
Function: Definition of error code returned in R15
 when an error is detected during processing
 in JES3 Address space.

IATY4FB Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0		
0	(0)	BITSTRING	0	ABEND4FB	"X'4FB" ABEND 4FB
		.... .1..		R4FBC004	"X'04" IATSIWO An error occurred during PUT processing
		.... 1...		R4FBC008	"X'08" IATSIAD No storage was available for an SSISERV request
		.... 11..		R4FBC00C	"X'0C" IATSIAD No storage was available for excession limits processing
		...1		R4FBC010	"X'10" IATSIAD An SJF error occurred during excession limits processing
		...1 .1..		R4FBC014	"X'14" IATSSJM Failure occurred while releasing storage for a JMU
		...1 1...		R4FBC018	"X'18" IATSSJM Failure occurred while releasing MEMJMULK in the Rel_JMULOCK routine
		...1 11..		R4FBC01C	"X'1C" IATSSJM Failure occurred while releasing MEMJMULK in the Cleanup_Retry routine
		..1.		R4FBC020	"X'20" IATSSJI Failure occurred while 06525SUC releasing MEMJMULK in the IRB routine
		..1. .1..		R4FBC024	"X'24" IATSSJM Failure occurred while releasing MEMJMULK in the Check_Dump_Needed routine
		..1. 1...		R4FBC028	"X'28" IATDMDK An error was detected while validity checking the RRE and before the DSS could be validated

IATY4FB Cross Reference

Name

ABEND4FB
 R4FBC00C
 R4FBC004
 R4FBC008
 R4FBC01C
 R4FBC010
 R4FBC014
 R4FBC018
 R4FBC020
 R4FBC024

IATY4FB Cross Reference

Name

R4FBC028

IATY6FB Information

IATY6FB Heading Information

Common Name: System 6FB ABEND Reason Codes
Macro ID: IATY6FB
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: N/A
Function: Provide equates for the 6FB ABEND code and the reason codes for the ABEND.

IATY6FB Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	BITSTRING	0	ABEND6FB	"X'6FB" ABEND 6FB
		R6FBCD16	"X'10" IATSSRN - IXZXIXRR failure
		R6FBCD17	"X'11" IATSSRN - reserved
		R6FBCD18	"X'12" IATSSRN - reserved
		R6FBCD19	"X'13" IATSSRN - reserved
		R6FBCD20	"X'14" IATSSRN - reserved
		R6FBCD21	"X'15" IATSSRN - reserved
		R6FBCD22	"X'16" IATSSRN - reserved
		R6FBCD23	"X'17" IATSSRN - reserved
		R6FBCD24	"X'18" IATSSRN - reserved
		R6FBCD25	"X'19" IATSSRN - reserved
		R6FBCD26	"X'1A" IATSSRN - reserved
		R6FBCD27	"X'1B" IATSSRN - reserved
		R6FBCD28	"X'1C" IATSSRN - reserved
		R6FBCD29	"X'1D" IATSSRN - reserved
		R6FBCD30	"X'1E" IATSSRN - reserved
		R6FBCD31	"X'1F" IATSSRN - reserved
		R6FBCD32	"X'20" IATSSRN - reserved

Comment

IATSSRE/SSRECRXT - IATY6FB Abend Reason Codes

End of Comment

...	...	R6FBCD33	"X'21" SSRECRXT - Input Validation Bad SRB Address passed as input
...	...	R6FBCD34	"X'22" SSRECRXT - Input Validation Bad SRB Extension Address passed as input
...	...	R6FBCD35	"X'23" SSRECRXT - Input Validation Bad JES XCF Acknowledgement Message in CADS Buffer
...	...	R6FBCD36	"X'24" SSRECRXT - Input Validation Bad Staging Area Header in CADS Buffer
...	...	R6FBCD37	"X'25" SSRECRXT - Input Validation Bad Response Exit Address in CADS Buffer Prefix
...	...	R6FBCD38	"X'26" SSRECRXT - Input Validation Bad CADS Buffer length in CADS Buffer
...	...	R6FBCD39	"X'27" SSRECRXT - Input Validation Bad Return Code within the Acknowledgement Message
...	...	R6FBCD40	"X'28" SSRECRXT - STORAGE OBTAIN Storage not obtained for Staging Area Buffer
...	...	R6FBCD41	"X'29" SSRECRXT - Return from TCBTOKEN indicated a program error

IATY6FB Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		..1. 1.1.		R6FBCD42	"X'2A'" SSRECRXT - Attempted to 12502TAC decrement an outstanding 12502TAA reply count of zero 12502TAA
		..1. 1.11		R6FBCD43	"X'2B'" SSRECRXT - reserved
		..1. 11..		R6FBCD44	"X'2C'" SSRECRXT - reserved
		..1. 11.1		R6FBCD45	"X'2D'" SSRECRXT - reserved
		..1. 111.		R6FBCD46	"X'2E'" SSRECRXT - reserved
		..1. 1111		R6FBCD47	"X'2F'" SSRECRXT - reserved
		..11		R6FBCD48	"X'30'" SSRECRXT - reserved

Comment

IATSSRE/SSRESTAT - IATY6FB Abend Reason Codes

End of Comment

		..11 ...1		R6FBCD49	"X'31'" SSRESTAT - JESXCF Information IXZXIXIF eye-catcher not correct
		..11 ..1.		R6FBCD50	"X'32'" SSRESTAT - Global MPC not found
		..11 ..11		R6FBCD51	"X'33'" SSRESTAT - STORAGE OBTAIN Storage not obtained for IXZXIXIF buffer
		..11 .1..		R6FBCD52	"X'34'" SSRESTAT - IXZXIXIF service Bad Return/Reason Code R3 - Return Code R4 - Reason Code
		..11 .1.1		R6FBCD53	"X'35'" SSRESTAT - IXZXIXIF service No global information found in IXZXIXIF records
		..11 .11.		R6FBCD54	"X'36'" SSRESTAT - reserved
		..11 .111		R6FBCD55	"X'37'" SSRESTAT - reserved
		..11 1..		R6FBCD56	"X'38'" SSRESTAT - reserved
		..11 1..1		R6FBCD57	"X'39'" SSRESTAT - reserved
		..11 1.1.		R6FBCD58	"X'3A'" SSRESTAT - reserved
		..11 1.11		R6FBCD59	"X'3B'" SSRESTAT - reserved
		..11 11..		R6FBCD60	"X'3C'" SSRESTAT - reserved
		..11 11.1		R6FBCD61	"X'3D'" SSRESTAT - reserved
		..11 111.		R6FBCD62	"X'3E'" SSRESTAT - reserved
		..11 1111		R6FBCD63	"X'3F'" SSRESTAT - reserved
		..11		R6FBCD64	"X'40'" SSRESTAT - reserved

Comment

Reason codes X'100' through X'1FF' are reserved for use in module IATSSCM.

End of Comment

IATY6FB Cross Reference

Name

ABEND6FB
 R6FBCD16
 R6FBCD17
 R6FBCD18
 R6FBCD19
 R6FBCD20
 R6FBCD21
 R6FBCD22
 R6FBCD23
 R6FBCD24
 R6FBCD25
 R6FBCD26
 R6FBCD27
 R6FBCD28
 R6FBCD29

Name

R6FBCD30
R6FBCD31
R6FBCD32
R6FBCD33
R6FBCD34

R6FBCD35
R6FBCD36
R6FBCD37
R6FBCD38
R6FBCD39

R6FBCD40
R6FBCD41
R6FBCD42
R6FBCD43
R6FBCD44

R6FBCD45
R6FBCD46
R6FBCD47
R6FBCD48
R6FBCD49

R6FBCD50
R6FBCD51
R6FBCD52
R6FBCD53
R6FBCD54

R6FBCD55
R6FBCD56
R6FBCD57
R6FBCD58
R6FBCD59

R6FBCD60
R6FBCD61
R6FBCD62
R6FBCD63
R6FBCD64

IATY8FB Information

IATY8FB Heading Information

Common Name: SYSTEM 8FB ABEND REASON CODES
Macro ID: IATY8FB
DSECT Name: N/A
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Subpool: 0
Size: N/A
Created by: N/A
Pointed to by: N/A
Serialization: N/A
Function: Provide equates for the 8FB ABEND CODE and the REASON CODES for the abend.

IATY8FB Map

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
0	(0)	STRUCTURE	0		
0	(0)	BITSTRING	0	ABEND8FB	"X'8FB" ABEND 8FB
		.... ..1		R8FBSPLC	"X'01" UNEXPECTED SSI ERROR DURING SMS PLCO PROCESSING. ISSUED BY IATIIP0
		.... ..1.		R8FBEPLC	"X'02" UNEXPECTED RETURN OR REASON CODE RETURNED FROM SMS PLCO ISSUED BY IATIIP0
		.... ..11		R8FBSSCS	"X'03" UNEXPECTED SSI ERROR DURING SMS CATALOG SERVICES PROCESSING. ISSUED BY IATLVLC
		.... .1.1		R8FBSWAC	"X'05" SWA CREATE ERROR. ISSUED BY IATIIII
		.... .11.		R8FBUPWT	"X'06" USAM POINT OR WRITE ERROR. ISSUED BY IATDMGR
		.... .111		R8FBDSSB	"X'07" DSS/DSB INITIALIZATION ERROR ISSUED BY IATDMGR
		.... 1...		R8FBUBFI	"X'08" USAM BUFFER INITIALIZATION ERROR ISSUED BY IATDMGR
		.... 1..1		R8FBJSCO	"X'09" JCL STATEMENT COUNT OVERFLOW. ISSUED BY IATIICX
		.... 1.1.		R8FBSSVR	"X'0A" UNEXPECTED SSI ERROR DURING SMS VOLREF SERVICES PROCESSING. ISSUED BY IATLVLC
		.... 11..		R8FBSSSS	"X'0C" UNEXPECTED SSI ERROR DURING SMS SYSTEM SELECT PROCESSING. ISSUED BY IATMDST
		.... 11.1		R8FBESSS	"X'0D" UNEXPECTED RETURN OR REASON CODE RETURNED FROM SMS SYSTEM SELECT ISSUED BY IATMDST
		.... 111.		R8FBSAPT	"X'0E" ERROR RETURN FROM PUT OPERATION ISSUED BY IATSISA
		.... 1111		R8FB0EST	"X'0F" ESTAE COULD NOT BE SET UP. ISSUED BY IATIPL
		...1		R8FBSPPT	"X'10" ERROR RETURN FROM PUT OPERATION ISSUED BY IATIISP
		...1 ...1		R8FBIVFC	"X'11" INVALID FUNCTION CODE. ISSUED BY IATDMGR
		...1 ..1.		R8FBGRBK	"X'12" BLOCK SPOOLER ERROR. ISSUED BY IATDMGR
		...1 ..11		R8FBLCBK	"X'13" BLOCK SPOOLER ERROR. ISSUED BY IATLVLC
		...1 .1..		R8FBSTBK	"X'14" BLOCK SPOOLER ERROR. ISSUED BY IATMDST
		...1 .1.1		R8FBRSVF	"X'15" THIS REASON CODE HAS BEEN 0404 PREVIOUSLY USED. ABEND 8FB 0404 REASON CODES SHOULD NOT BE 0404 REUSED 0404

IATY8FB Cross Reference

Offsets		Type/Value	Len	Name (Dim)	Description
Dec	Hex				
		...1 .11.		R8FBLEST	"X'16" ESTAE COULD NOT BE SET UP. ISSUED BY IATLVLC
		...1 .111		R8FBRS17	"X'17" RESERVED REASON CODE
		...1 1...		R8FBELVS	"X'18" LVS ENTRY INVALID OR COULD NOT BE FOUND ISSUED BY IATLVLC
		...1 1..1		R8FBSTPT	"X'19" ERROR RETURN FROM PUT OPERATION ISSUED BY IATIIST
		...1 1.1.		R8FBIVVR	"X'1A" INVALID INFORMATION RETURNED FROM SMS VOLREF SERVICES ISSUED BY IATLVLC
		...1 11..		R8FBIVCM	"X'1C" INVALID INFORMATION RETURNED FROM CATALOG MANAGEMENT ISSUED BY IATLVLC
		...1 11.1		R8FBSAGT	"X'1D" ERROR RETURN FROM GET OPERATION ISSUED BY IATSISA
		...1 111.		R8FBIENF	"X'1E" INVALID ENF PARAMETER 0404 LIST PASSED BY SMS 0404
		...1 1111		R8FBGMER	"X'1F" INVALID LRSSIZE, LARGER THAN ALLOWED MAXIMUM ISSUED BY IATLVLC
		..1.		R8FBJLEX	"X'20" JCL LIMIT EXCEEDED DUE TO A LARGE AMOUNT OF JCL STATEMENTS IN A JOB ISSUED BY IATIICX
		..1. ...1		R8FBSTZN	"X'21" SSSABNUM, THE NUMBER OF SYSTEMS IN SSSABNM OR SSSABNMX WAS PASSED BY SMS AS ZERO ISSUED BY IATIIST
		..1. ..1.		R8FBCNM0	"X'22" SSSACNUM, THE NUMBER OF SYSTEMS IN SSSACNM OR SSSACNMX WAS PASSED BY SMS AS ZERO ISSUED BY IATMDST
		..1. ..11		R8FBMBBL	"X'23" Mailbox build (IXZXIXMB) failed for the WLM subtask. This is issued by IATWLSIN.
		..1. ..1..		R8FBBSMD	"X'24" Bad sampling data was received by the WLM subtask. This is issued by IATWLLSM.
		..1. ..1.1		R8FBSTAB	"X'25" IATIIST subtask abend 04067SLA
		..1. ..11.		R8FBJMRE	"X'26" JMRE section not found in JMR extension (JMRX)

IATY8FB Cross Reference

Name

ABEND8FB
 R8FBBSMD
 R8FBCNM0
 R8FBDSSB
 R8FBELVS
 R8FBEPLC
 R8FBESSS
 R8FBGMER
 R8FBGRBK
 R8FBIENF
 R8FBIVCM
 R8FBIVFC
 R8FBIVVR
 R8FBJLEX
 R8FBJMRE
 R8FBJSCO
 R8FBLCBK
 R8FBLEST
 R8FBMBBL
 R8FBRSVF
 R8FBRS17
 R8FBSAGT
 R8FBSAPT
 R8FBSPLC
 R8FBSPPT

Name

R8FBSSCS
R8FBSSSS
R8FBSSVR
R8FBSTAB
R8FBSTBK

R8FBSTPT
R8FBSTZN
R8FBSWAC
R8FBUBFI
R8FBUPWT

R8FB0EST

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