z/OS

JES3 Data Areas, Volume 4 (IATYSRF - IATY8FB)

GA22-7546-03

z/OS

JES3 Data Areas, Volume 4 (IATYSRF - IATY8FB)

GA22-7546-03

Note

Before using this information and the product it supports, be sure to read the general information under “Notices” on page 557.

Fourth Edition, September 2002

This is a major revision of GA22-7546-02.

This edition applies to Version 1 Release 4 of z/OS (5694-A01) and Version 1, Release 4 of z/OS.e (5655-G52), and to all subsequent releases and modifications until otherwise indicated in new editions or technical newsletters.

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About This Book

This book provides graphic presentations of many data areas used by the operating system, application programs, and system programs. This book provides the data areas that:

- Are used by two or more components
- Are programming interfaces
- Are used for debugging or diagnosis

This book supports z/OS (5694-A01) and z/OS.e (5655-G52).

For the latest information updates that have been provided in PTF cover letters and Documentation APARS for z/OS and z/OS.e, see the online document at:

`http://www.s390.ibm.com:80/bookmgr-cgi/bookmgr.cmd/BOOKS/ZIDOCMST/CCONTENTS`

Who Should Use This Book

This book 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 publication should have a working knowledge of the operating system.

How To Use This Book

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

There are four volumes of *Data Areas*. The following list shows the range of data areas included in each volume:

z/OS JES3 Data Areas, Volume 1 (IATYARL-IATYIDD)	GA22-7543
z/OS JES3 Data Areas, Volume 2 (IATYIFC-IATYMPC)	GA22-7544
z/OS JES3 Data Areas, Volume 3 (IATYMWTO-IATYSRD)	GA22-7545
z/OS JES3 Data Areas, Volume 4 (IATYSRF-IATY8FB)	GA22-7546

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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 dummy control section (DSECT) created by the mapping macro.

Owning Component: Component name and component identifier in parentheses.

Eye-Catcher ID: Character string identifier of the eye-catcher (sometimes called the **control block id**) within the mapping macro. The offset and length of the eye-catcher are also included.

Storage Attributes: The storage attributes of the data area, including the following:

- **Main Storage:** Central storage attributes of the data area.
- **Virtual Storage:** Virtual storage attributes of the data area.
- **Auxiliary Storage:** Spool storage attributes of the data area.
- **Subpool and Key:** Subpool is the area of virtual storage that contains the data area. Key is the storage protect key for the storage represented by the data area.

Size: The size of the data area in decimal bytes.

Created by: Module, macro, or component whose use creates the data area.

Pointed to by: Registers or data area fields that contain the address of the data area.

Serialization: Method used to ensure that one user does not update a data area that is being updated or used by another user. The most common methods used for serialization are:

- Lock or locks
- ENQ and DEQ macros
- Compare and Swap (CS) instruction
- Disablement, which is disabling interruptions by setting bits in the program status word (PSW) of the program using the data area

Function: Brief description of the use of the data area.

Data Area Map

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

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

Offsets					
Dec	**Hex**	**Type**	**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
A-ADDRESS	A-type address constant
BAL STMT	Instruction
BITSTRING	Bitstring constant
CHARACTER	Character value
FIXED	Arithmetic signed or unsigned value
FLOATING	Floating-point binary value
HEX	Hexadecimal value
OFFSET	Q-type address constant
PACKED	Packed decimal value
S-ADDRESS	S-type address constant
SIGNED	Arithmetic signed value
STRUCTURE	Level 1 control block name
UNSIGNED	Unsigned value
V-ADDRESS	V-type address constant
Y-ADDRESS	Y-type address constant
ZONED	Zoned decimal 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 25 fields, 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 Hexadecimal values are shown only for bits. The hexadecimal value shown implies the position of the bit in the field containing the bit.

Level Level of subordination for that field.

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     DISPATCHER INTERSECT CONTROL WORD
240    (F0)  BITSTRING  1   ANYBYTE     FLAG BYTE (MDC323)

             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.

Where to find more information

For complete titles and order numbers of the books for all products that are part of z/OS, see *z/OS Information Roadmap*.

Summary of Changes

Summary of Changes
for GA22-7546-03
z/OS Version 1 Release 4

The document contains information previously presented in *z/OS JES3 Data Areas*, GA22-7546-02, which supports z/OS Version 1 Release 2.

New Information

Information is added to include support for z/OS.e.

This document contains terminology, maintenance and editorial changes.

Starting with z/OS V1R2, you may notice changes in the style and structure of some content in this document — for example, headings that use uppercase for the first letter of initial words only, and procedures that have a different look and format. The changes are ongoing improvements to the consistency and retrievability of information in our documents.

Summary of Changes
for GA22-7546-01 and GA22-7546-02
z/OS Version 1 Release 2

The document contains information previously presented in *z/OS JES3 Data Areas*, GA22-7546-00, which supports z/OS Version 1 Release 1.

New Information

- IATYSSBS

This document contains terminology, maintenance and editorial changes.

Summary of Changes
for GA22-7546-00
z/OS Version 1 Release 1

The document contains information also presented in *OS/390 JES3 Data Areas*.

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JES3 Data Areas

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IATYSRF Programming Interface information

Programming Interface information

IATYSRF

End of Programming Interface information

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IATYSRF Heading Information

Common Name: SINGLE-RECORD FILE HEADER
Macro ID: IATYSRF
DSECT Name: None
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Subpool: N/A
Key: N/A
Residency: Any
Size: 32 Bytes
Created by: N/A
Pointed to by: N/A
Serialization: N/A
Function: Contains the user portion of the Single-Record File header.

IATYSRF Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	SRFSTART	
0	(0)	BITSTRING	6	SRFTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	SRFCNT	USER COUNT.
8	(8)	CHARACTER	4	SRFID	FILE ID.
12	(C)	BITSTRING	12	SRFCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	SRFVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	SRFDATA (0)	START OF USER DATA AREA.

IATYSRL Programming Interface information

Programming Interface information

IATYSRL

End of Programming Interface information

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IATYSRL Heading Information

Common Name: FSI SERVICE REQUEST LIST
Macro ID: IATYSRL
DSECT Name: SRLSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: SRL
Offset: SRLID
Length: 4
Storage Attributes: Main Storage: SUBPOOL 0 or SUBPOOL specified by FSCBCBSP
Size: SRLCDSIZ Bytes
SRLDRSIZ Bytes
SRLGDSIZ Bytes
SRLPOSIZ Bytes
SRLBPCCB Bytes
SRLSNSIZ Bytes
Created by: A routine which uses the functional subsystem interface
Pointed to by: IATYFSCB FIELD FSCBLSNQ
IATYFSCB FIELD FSCBSRL
IATYFSDB FIELD FSDBSRLA
IATYSRL FIELD SRLCHAIN
Serialization: The LOCAL Lock must be held while SRLCHAIN is being altered.
Function: The SRL is the common buffer for all communications between the FSS Address space and the JES3 Global Address space. The SRL consists of three sections:
1. A fixed length JES3 header.
2. The fixed length section of the FSI parameter list.
3. A variable length function-dependent section, consisting of the function-dependent section of the FSI parameter list followed by a JES3-Unique function-dependent section.

IATYSRL Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	SRLSTART	SERVICE REQUEST LIST
0	(0)	SIGNED	2	SRLLEN	LENGTH OF SRL AND USER DATA
2	(2)	BITSTRING	1	SRLFLAGS	REQUEST PROCESSING FLAGS

Comment

```
-------------------------------------------------------------
      DEFINITION OF SRLFLAGS
-------------------------------------------------------------
```

End of Comment

1...	SRLCIORD	"X'80'" SRL CONTAINS CI ORDER
.1..	SRLFSARS	"X'40'" SRL CONTAINS ORDER FOR FSA 0546 ATTEMPTING TO RESTART 0546

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		1		SRLDMPRQ	"X'01'" GLOBAL DUMP REQUESTED
3	(3)	BITSTRING	1	SRLDRSVD	RESERVED FOR DEVELOPMENT
4	(4)	CHARACTER	4	SRLID	CONTROL BLOCK ID
8	(8)	ADDRESS	4	SRLCHAIN	ADDRESS OF NEXT SRL ON QUEUE
12	(C)	SIGNED	4	SRLHEND (0)	END OF FIXED LENGTH HEADER
12	(C)	X'C'	0	SRLHSIZE	"SRLHEND-SRLSTART" LENGTH OF HEADER

Comment

FIXED LENGTH FSI PARAMETER LIST HEADER

End of Comment

12	(C)	BITSTRING	24	SRLFSIP	FSI PARAMETER LIST HEADER
36	(24)	SIGNED	4	SRLFEND (0)	END OF SRL FIXED PORTION
36	(24)	X'24'	0	SRLFSIZE	"SRLFEND-SRLSTART" LENGTH OF SRL FIXED PORTION

Comment

VARIABLE LENGTH FUNCTION-DEPENDENT SEGMENTS FOLLOW
CONNECT/DISCONNECT FUNCTION-DEPENDENT SEGMENT

End of Comment

36	(24)	SIGNED	4	SRLCDF (0)	CONNECT/DISCONNECT SEGMENT

Comment

CONNECT/DISCONNECT SECTION OF FSI PARAMETER LIST

End of Comment

36	(24)	BITSTRING	1	SRLCDFSI	CONNECT/DISCONNECT SECTION OF FSI PARAMETER LIST

Comment

JES3-UNIQUE CONNECT/DISCONNECT RESPONSE SECTION

End of Comment

76	(4C)	SIGNED	4	SRLCDJES (0)	JES3 CONNECT/DISCONNECT RESPONSE SECTION
76	(4C)	CHARACTER	8	SRLCDCON	FUNCTION-SPECIFIC CONNECT LOAD MODULE NAME
84	(54)	CHARACTER	8	SRLCDDIS	FUNCTION-SPECIFIC DISCONNECT LOAD MODULE NAME
96	(60)	DBL WORD	8	SRLCDEND (0)	END OF CONN/DISCONN SEGMENT
96	(60)	X'60'	0	SRLCDSIZ	"SRLCDEND-SRLSTART" LENGTH OF CONN/DISCONN SRL

Comment

GETDS FUNCTION-DEPENDENT SEGMENT

End of Comment

36	(24)	SIGNED	4	SRLGDS (0)	GETDS SEGMENT

Comment

GETDS SECTION OF FSI PARAMETER LIST

End of Comment

36	(24)	BITSTRING	1	SRLGDFSI	GETDS SECTION OF FSI PARAMETER LIST

Comment

JES3-UNIQUE GETDS RESPONSE SECTION

End of Comment

184	(B8)	SIGNED	4	SRLGDJES (0)	JES3 GETDS RESPONSE SECTION

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
					---------- SPOOL RECORD ADDRESSES ----------
				End of Comment	
184	(B8)	BITSTRING	6	SRLGDFRA	FIRST RECORD ADDRESS OF DATA
190	(BE)	BITSTRING	6	SRLGDSWB	OUTPUT SWB SPOOL ADDRESS
196	(C4)	BITSTRING	6	SRLGDCKP	CHECKPOINT SPOOL ADDRESS
202	(CA)	BITSTRING	1	SRLGDJNS	JESNEWS SPOOL ADDRESS
				Comment	
					---------- DATA NEEDED FOR SECURITY PROCESSING IN FSS ADDRESS SPACE ----------
				End of Comment	
208	(D0)	BITSTRING	53	SRLGDENT	SELECTED DATA SET ENTITY NAME
261	(105)	BITSTRING	1	SRLGJENT	JESNEWS ENTITY NAME
				Comment	
					---------- DATA NEEDED FOR SWB RECREATE IN FSS ADDRESS SPACE ----------
				End of Comment	
314	(13A)	CHARACTER	1	SRLGDSRD (0)	START OF SWB RECREATE DATA
314	(13A)	CHARACTER	8	SRLGDFMS	FORMS
322	(142)	CHARACTER	8	SRLGDPMD	PROCESS MODE NAME
330	(14A)	CHARACTER	4	SRLGDFCB	FORMS CONTROL BUFFER
334	(14E)	CHARACTER	4	SRLGDFSH	FORMS FLASH ID
338	(152)	CHARACTER	4	SRLGDUCS	UNIVERSAL CHARACTER SET
342	(156)	CHARACTER	4	SRLGDMOD	COPY MODIFICATION ID
346	(15A)	BITSTRING	1	SRLGDMRC	COPY MOD TABLE REF CHAR
347	(15B)	CHARACTER	1	SRLGDSTK	STACKER
347	(15B)	X'C3'	0	SRLGDCFS	"C'C'" CONTINUOUS FORMS STACKER
347	(15B)	X'E2'	0	SRLGDBTS	"C'S'" BURSTER-TRIMMER-STACKER
348	(15C)	BITSTRING	1	SRLGDCPY	DATA SET COPIES
349	(15D)	BITSTRING	1	SRLGDCPE (8)	OUTPUT COPY DISTRIBUTION
357	(165)	CHARACTER	4	SRLGDCHR (4)	CHARACTER ARRANGEMENT TABLES
373	(175)	BITSTRING	1	SRLGDFSC	FLASH COUNT
373	(175)	X'3C'	0	SRLGDSRL	"*-SRLGDSRD" LENGTH OF SWB RECREATE DATA
				Comment	
					---------- DATASET DESCRIPTOR FLAGS ----------
				End of Comment	
374	(176)	BITSTRING	1	SRLGDFLG	DATASET DESCRIPTOR FLAGS
		1...		SRLGDJHD	"X'80'" PRINT JESNEWS WITH JOB HEADER
		.1..		SRLGDJTL	"X'40'" PRINT JESNEWS WITH JOB TRAILER
374	(176)	X'C0'	0	SRLGDJNW	"SRLGDJHD+SRLGDJTL" PRINT JESNEWS WITH DATASET
		..1.		SRLGDNCK	"X'20'" NEW CHECKPOINT RECORD ALLOCATED BY GLOBAL JES3
		...1		SRLGDJTO	"X'10'" PRINT JOB TRAILER ONLY - NO ASSOCIATED DATASET
		.... 1...		SRLGDCPD	"X'08'" COMPOSED PAGE DATA STREAM CC

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... .1..		SRLGDNCP	"X'04'" NON-FSS CHECKPOINT RECORD
		.... ..1.		SRLGDSP2	"X'02'" DOUBLE SPACING REQUESTED
		1		SRLGDSP1	"X'01'" SINGLE SPACING REQUESTED (TRIPLE SPACING = BOTH FLAGS ON)
375	(177)	CHARACTER	1	SRLGDCMC	COPYMARK INDICATOR

Comment

DATASET DESCRIPTOR FLAGS

End of Comment

376	(178)	BITSTRING	1	SRLGDFL2	DATASET DESCRIPTOR FLAGS
		1...		SRLGDDFS	"X'80'" DEFAULT FLASH IN SRLGDFSH
377	(179)	BITSTRING	1	SRLGDVER	SRL GDS version number
377	(179)	X'1'	0	SRLGDVCT	"1" Version supporting CTOKENs
377	(179)	X'2'	0	SRLGDCVR	"SRLGDVS1" Current version number
377	(179)	X'2'	0	SRLGDVS1	"2" Version for OW41263 to reposition SRLGDPXT at the end of the GETDS section

Comment

JOB SEPARATOR PAGE DATA

End of Comment

380	(17C)	SIGNED	4	(0)	FULL-WORD ALIGN SRLGDJSP
380	(17C)	BITSTRING	1	SRLGDJSP	JSPA SIZE W/EXTENSION HDR + 1 EXTENSION

Comment

IF SRLGDCHK CAUSES AN ASSEMBLY ERROR, UPDATE THE
HARD CODED LENGTH AND REASSEMBLE ALL THE MODULES
REFERENCING IAZJSPA

End of Comment

604	(25C)	BITSTRING	1	SRLGDCHK (0)	FORCE ASSEMBLY ERROR IF IAZJSPA > 224 BYTES

Comment

DATA REQUIRED TO COMPLETE THE SMF TYPE 6 RECORD

End of Comment

604	(25C)	SIGNED	4	(0)	FULL-WORD ALIGN SRLGDJMR
604	(25C)	BITSTRING	1	SRLGDJMR	JOB MANAGEMENT RECORD

Comment

3 LINES DELETED BY APAR OW41263

End of Comment

604	(25C)	X'288'	0	SRLGDSZ1	"SRLGDEN1-SRLSTART" Length of version 1 GETDS
648	(288)	DBL WORD	8	SRLGDEN1 (0)	End of GETDS version 1 fields
648	(288)	SIGNED	4	SRLDSKEY	Dataset key from CTOKEN
652	(28C)	SIGNED	4	SRLDSNUM	Dataset number from CTOKEN
656	(290)	SIGNED	4	SRLGDRV1	Reserved for IBM
660	(294)	SIGNED	4	SRLGDRV2	Reserved for IBM
664	(298)	CHARACTER	8	SRLGDEST	OSEDEST to build SWB
672	(2A0)	DBL WORD	8	SRLGDEND (0)	END OF GETDS SEGMENT

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
672	(2A0)	DBL WORD	8	SRLGDPXT (0)	START OF POTENTIAL FUNCTION DEPENDENT EXTENSIONS - POINTED TO BY FSIPEXT
672	(2A0)	X'2A0'	0	SRLGDSIZ	"SRLGDEND-SRLSTART" LENGTH OF MINIMUM GETDS SRL

Comment

RELDS FUNCTION-DEPENDENT SEGMENT

End of Comment

36	(24)	SIGNED	4	SRLRDS (0)	RELDS SEGMENT

Comment

RELDS SECTION OF FSI PARAMETER LIST

End of Comment

36	(24)	BITSTRING	1	SRLRDFSI	RELDS SECTION OF FSI PARAMETER LIST

Comment

JES3-UNIQUE RELDS RESPONSE SECTION

End of Comment

68	(44)	SIGNED	4	SRLRDJES (0)	JES3 RELDS RESPONSE SECTION
68	(44)	BITSTRING	1	SRLRDUPR	REASON CODE ON FSI RELDS
69	(45)	BITSTRING	7	SRLRSVD1	RESERVED FOR DEVELOPMENT
80	(50)	DBL WORD	8	SRLRDEND (0)	END OF RELDS SEGMENT
80	(50)	X'50'	0	SRLRDSIZ	"SRLRDEND-SRLSTART" LENGTH OF RELDS SRL

Comment

POST FUNCTION-DEPENDENT SEGMENT

End of Comment

36	(24)	SIGNED	4	SRLPOST (0)	POST SEGMENT

Comment

POST SECTION OF FSI PARAMETER LIST

End of Comment

36	(24)	BITSTRING	1	SRLPOFSI	POST SECTION OF FSI PARAMETER LIST

Comment

JES3-UNIQUE POST RESPONSE SECTION
THIS SECTION IS NOT CURRENTLY REQUIRED.

End of Comment

48	(30)	SIGNED	4	SRLPOJES (0)	JES3 POST RESPONSE SECTION
48	(30)	DBL WORD	8	SRLPOEND (0)	END OF POST SEGMENT
48	(30)	X'30'	0	SRLPOSIZ	"SRLPOEND-SRLSTART" LENGTH OF POST SRL

Comment

ORDER FUNCTION-DEPENDENT SEGMENT

End of Comment

36	(24)	SIGNED	4	SRLORD (0)	ORDER SEGMENT

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				FSI PARAMETER LIST SECTION COMMON TO ALL ORDERS	
				End of Comment	
36	(24)	BITSTRING	20	SRLORFSI	COMMON ORDER SECTION OF FSI PARAMETER LIST
56	(38)	SIGNED	4	SRLORFND (0)	END OF ORDER FIXED PORTION
56	(38)	X'38'	0	SRLORFSZ	"SRLORFND-SRLSTART" LEN OF ORDER FIXED PORTION
				Comment	
				FSI PARAMETER LIST FOR START/STOP ORDERS	
				0	
				NOTE BENE: START FSA ORDER IS A SPECIAL CASE 0	
				- THE FSI PARAMETER LIST FOR START FSA ORDER 0	
				IS MAPPED AT SRLSFFSI, NOT AT SRLSSFSI. 0	
				0	
				End of Comment	
56	(38)	BITSTRING	1	SRLSSFSI	FSI PARAMETER LIST FOR START/STOP ORDERS
				Comment	
				JES3-UNIQUE DATA FOR START/STOP ORDERS	
				End of Comment	
96	(60)	SIGNED	4	SRLSSJES (0)	JES3 START/STOP ORDER DATA
				Comment	

				ORDER RESPONSE AREA FOR START/STOP ORDERS	

				End of Comment	
96	(60)	BITSTRING	64	SRLSSRSP	ORDER RESPONSE AREA FOR START/STOP ORDERS
160	(A0)	DBL WORD	8	SRLSSEND (0)	END OF START/STOP ORDER
160	(A0)	X'A0'	0	SRLSSSIZ	"SRLSSEND-SRLSTART" LENGTH OF START/STOP ORDER
				Comment	
				FSI PARAMETER LIST FOR START FSA ORDER	
				End of Comment	
56	(38)	BITSTRING	40	SRLSFFSI	FSI PARAMETER LIST FOR START FSA ORDER
96	(60)	BITSTRING	12	SRLSFINT	DEVICE INITIALIZATION PARAMETERS
108	(6C)	BITSTRING	1	SRLSFMCS	DEVICE MESSAGE ROUTING INFORMATION
				Comment	
				JES3-UNIQUE DATA FOR START FSA ORDER	
				End of Comment	
144	(90)	SIGNED	4	SRLSFJES (0)	JES3 START FSA ORDER DATA
				Comment	

				ORDER RESPONSE AREA FOR START FSA ORDER	

				End of Comment	
144	(90)	BITSTRING	64	SRLSFRSP	ORDER RESPONSE AREA FOR START FSA ORDER

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
208	(D0)	DBL WORD	8	SRLSFEND (0)	END OF START FSA ORDER
208	(D0)	X'D0'	0	SRLSFSIZ	"SRLSFEND-SRLSTART" LENGTH OF START FSA ORDER

Comment

FSI PARAMETER LIST FOR QUERY ORDER

End of Comment

56	(38)	SIGNED	4	SRLQUFSI (0)	FSI PARAMETER LIST FOR QUERY ORDER

Comment

JES3-UNIQUE DATA FOR QUERY ORDER

End of Comment

56	(38)	SIGNED	4	SRLQUJES (0)	JES3 QUERY ORDER DATA

Comment

ORDER RESPONSE AREA FOR QUERY ORDER

End of Comment

56	(38)	BITSTRING	64	SRLQURSP	ORDER RESPONSE AREA FOR QUERY ORDER
120	(78)	DBL WORD	8	SRLQUEND (0)	END OF QUERY ORDER
120	(78)	X'78'	0	SRLQUSIZ	"SRLQUEND-SRLSTART" LENGTH OF QUERY ORDER

Comment

FSI PARAMETER LIST FOR SET ORDER

End of Comment

56	(38)	BITSTRING	1	SRLSTFSI	FSI PARAMETER LIST FOR SET ORDER

Comment

JES3-UNIQUE DATA FOR SET ORDER

End of Comment

80	(50)	SIGNED	4	SRLSTJES (0)	JES3 SET ORDER DATA

Comment

ORDER RESPONSE AREA FOR SET ORDER

End of Comment

80	(50)	BITSTRING	64	SRLSTRSP	ORDER RESPONSE AREA FOR SET ORDER
144	(90)	DBL WORD	8	SRLSTEND (0)	END OF SET ORDER
144	(90)	X'90'	0	SRLSTSIZ	"SRLSTEND-SRLSTART" LENGTH OF SET ORDER

Comment

FSI PARAMETER LIST FOR SYNCH ORDER

End of Comment

56	(38)	BITSTRING	1	SRLSYFSI	FSI PARAMETER LIST FOR SYNCH ORDER

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		JES3-UNIQUE DATA FOR SYNCH ORDER			
				End of Comment	
216	(D8)	SIGNED	4	SRLSYJES (0)	JES3 SYNCH ORDER DATA
				Comment	
		---------- ORDER RESPONSE AREA FOR SYNCH ORDER ----------			
				End of Comment	
216	(D8)	BITSTRING	1	SRLSYRSP	ORDER RESPONSE AREA FOR SYNCH ORDER
				Comment	
		---------- SET ORDER DATA AREA FOR SYNCH ORDER ----------			
				End of Comment	
276	(114)	BITSTRING	28	SRLSYSET	SET ORDER DATA AREA FOR SYNCH ORDER
304	(130)	DBL WORD	8	SRLSYEND (0)	END OF SYNCH ORDER
304	(130)	X'130'	0	SRLSYSIZ	"SRLSYEND-SRLSTART" LENGTH OF SYNCH ORDER
				Comment	
		FSI PARAMETER LIST FOR INTERVENTION ORDER			
				End of Comment	
56	(38)	BITSTRING	1	SRLIVFSI	FSI PARAMETER LIST FOR INTERVENTION ORDER
				Comment	
		JES3-UNIQUE DATA FOR INTERVENTION ORDER			
				End of Comment	
108	(6C)	SIGNED	4	SRLIVJES (0)	JES3 INTERVENTION ORDER DATA
				Comment	
		---------- ORDER RESPONSE AREA FOR INTERVENTION ORDER ----------			
				End of Comment	
108	(6C)	BITSTRING	60	SRLIVRSP	ORDER RESPONSE AREA FOR INTERVENTION ORDER
168	(A8)	DBL WORD	8	SRLIVEND (0)	END OF INTERVENTION ORDER
168	(A8)	X'A8'	0	SRLIVSIZ	"SRLIVEND-SRLSTART" LENGTH OF INTERVENTION ORDER
				Comment	
		CI COMMUNICATION BLOCK SECTION COMMON TO ALL CI ORDERS			
				End of Comment	
56	(38)	BITSTRING	40	SRLCICCB	CCB SECTION COMMON TO ALL CI ORDERS
96	(60)	SIGNED	4	SRLCIFND (0)	END OF CCB FIXED PORTION
96	(60)	X'60'	0	SRLCIFSZ	"SRLCIFND-SRLSTART" LEN OF CCB FIXED PORTION

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					CI COMMUNICATION BLOCK SECTION FOR PROCESS JOB ORDER
					End of Comment
96	(60)	BITSTRING	336	SRLPJCCB	Process job order data
432	(1B0)	DBL WORD	8	SRLPJEND (0)	END OF PROCESS JOB ORDER
432	(1B0)	X'1B0'	0	SRLPJSIZ	"SRLPJEND-SRLSTART" LENGTH OF PROCESS JOB ORDER
					Comment
					CI COMMUNICATION BLOCK SECTION FOR CANCEL/FAIL JOB ORDER
					End of Comment
96	(60)	BITSTRING	8	SRLCFCCB	CANCEL/FAIL JOB ORDER DATA
104	(68)	DBL WORD	8	SRLCFEND (0)	END OF CANCEL/FAIL JOB ORDER
104	(68)	X'68'	0	SRLCFSIZ	"SRLCFEND-SRLSTART" LEN OF CANCEL/FAIL JOB ORDER
					Comment
					CI COMMUNICATION BLOCK SECTION FOR MODIFY COUNT ORDER
					End of Comment
96	(60)	BITSTRING	16	SRLMOCCB	MODIFY COUNT ORDER DATA
112	(70)	DBL WORD	8	SRLMOEND (0)	END OF MODIFY COUNT ORDER
112	(70)	X'70'	0	SRLMOSIZ	"SRLMOEND-SRLSTART" LENGTH OF MODIFY COUNT ORDER
					Comment
					CI COMMUNICATION BLOCK SECTION FOR ENABLE/DISABLE PROCLIB ORDER
					End of Comment
96	(60)	BITSTRING	16	SRLEDCCB	ENABLE/DISABLE ORDER DATA
112	(70)	DBL WORD	8	SRLEDEND (0)	END OF ENABLE/DISABLE ORDER
112	(70)	X'70'	0	SRLEDSIZ	"SRLEDEND-SRLSTART" LEN OF ENABLE/DISABLE ORDER
					Comment
					CI COMMUNICATION BLOCK SECTION FOR BUILD PROCLIB ORDER A FIXED MAPPING OF THIS SECTION IS NOT POSSIBLE.
					End of Comment
96	(60)	SIGNED	4	SRLBPCCB (0)	ENABLE/DISABLE ORDER DATA
					Comment
					SEND FUNCTION-DEPENDENT SEGMENT
					End of Comment
36	(24)	SIGNED	4	SRLSND (0)	SEND SEGMENT
					Comment
					SEND SECTION OF FSI PARAMETER LIST
					End of Comment

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
36	(24)	BITSTRING	1	SRLSNFSI	SEND SECTION OF FSI PARAMETER LIST

Comment

JES3-UNIQUE SEND DATA SECTION
FOR AN UNSOLICITED SEND FROM A CI FSS, THIS
SECTION IS MAPPED BY THE CI COMMUNICATION BLOCK,
IATYCCB.
FOR AN UNSOLICITED SEND FROM A WRITER FSS, THIS
SECTION IS MAPPED BY THE FSI ORDER RESPONSE AREA,
IAZRESPA.

End of Comment

48	(30)	DBL WORD	8	SRLSNJES (0)	JES3 SEND DATA SECTION
48	(30)	DBL WORD	8	SRLSNEND (0)	END OF SEND SEGMENT
48	(30)	X'30'	0	SRLSNSIZ	"SRLSNEND-SRLSTART" LENGTH OF SEND SRL

IATYSRL Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
SRLBPCCB	60		SRLGDFCB	14A	
SRLCDCON	4C		SRLGDFLG	176	
SRLCDDIS	54		SRLGDFL2	178	
SRLCDEND	60		SRLGDFMS	13A	
SRLCDF	24		SRLGDFRA	B8	
SRLCDFSI	24		SRLGDFSC	175	
SRLCDJES	4C		SRLGDFSH	14E	
SRLCDSIZ	60	60	SRLGDFSI	24	
SRLCFCCB	60		SRLGDJES	B8	
SRLCFEND	68		SRLGDJHD	176	80
SRLCFSIZ	68	68	SRLGDJMR	25C	
SRLCHAIN	8		SRLGDJNS	CA	
SRLCICCB	38		SRLGDJNW	176	C0
SRLCIFND	60		SRLGDJSP	17C	
SRLCIFSZ	60	60	SRLGDJTL	176	40
SRLCIORD	2	80	SRLGDJTO	176	10
SRLDMPRQ	2	1	SRLGDMOD	156	
SRLDRSVD	3		SRLGDMRC	15A	
SRLDSKEY	288		SRLGDNCK	176	20
SRLDSNUM	28C		SRLGDNCP	176	4
SRLEDCCB	60		SRLGDPMD	142	
SRLEDEND	70		SRLGDPXT	2A0	
SRLEDSIZ	70	70	SRLGDRV1	290	
SRLFEND	24		SRLGDRV2	294	
SRLFLAGS	2		SRLGDS	24	
SRLFSARS	2	40	SRLGDSIZ	2A0	2A0
SRLFSIP	C		SRLGDSP1	176	1
SRLFSIZE	24	24	SRLGDSP2	176	2
SRLGDBTS	15B	E2	SRLGDSRD	13A	
SRLGDCFS	15B	C3	SRLGDSRL	175	3C
SRLGDCHK	25C		SRLGDSTK	15B	
SRLGDCHR	165		SRLGDSWB	BE	
SRLGDCKP	C4		SRLGDSZ1	25C	288
SRLGDCMC	177		SRLGDUCS	152	
SRLGDCPD	176	8	SRLGDVCT	179	1
SRLGDCPE	15D		SRLGDVER	179	
SRLGDCPY	15C		SRLGDVS1	179	2
SRLGDCVR	179	2	SRLGJENT	105	
SRLGDDFS	178	80	SRLHEND	C	
SRLGDEND	2A0		SRLHSIZE	C	C
SRLGDENT	D0		SRLID	4	
SRLGDEN1	288		SRLIVEND	A8	
SRLGDEST	298		SRLIVFSI	38	

IATYSRL Cross Reference

Name	Hex Offset	Hex Value
SRLIVJES	6C	
SRLIVRSP	6C	
SRLIVSIZ	A8	A8
SRLLEN	0	
SRLMOCCB	60	
SRLMOEND	70	
SRLMOSIZ	70	70
SRLORD	24	
SRLORFND	38	
SRLORFSI	24	
SRLORFSZ	38	38
SRLPJCCB	60	
SRLPJEND	1B0	
SRLPJSIZ	1B0	1B0
SRLPOEND	30	
SRLPOFSI	24	
SRLPOJES	30	
SRLPOSIZ	30	30
SRLPOST	24	
SRLQUEND	78	
SRLQUFSI	38	
SRLQUJES	38	
SRLQURSP	38	
SRLQUSIZ	78	78
SRLRDEND	50	
SRLRDFSI	24	
SRLRDJES	44	
SRLRDS	24	
SRLRDSIZ	50	50
SRLRDUPR	44	0
SRLRSVD1	45	
SRLSFEND	D0	
SRLSFFSI	38	
SRLSFINT	60	
SRLSFJES	90	
SRLSFMCS	6C	
SRLSFRSP	90	
SRLSFSIZ	D0	D0
SRLSND	24	
SRLSNEND	30	
SRLSNFSI	24	
SRLSNJES	30	
SRLSNSIZ	30	30
SRLSSEND	A0	
SRLSSFSI	38	
SRLSSJES	60	
SRLSSRSP	60	
SRLSSSIZ	A0	A0
SRLSTART	0	
SRLSTEND	90	
SRLSTFSI	38	
SRLSTJES	50	
SRLSTRSP	50	
SRLSTSIZ	90	90
SRLSYEND	130	
SRLSYFSI	38	
SRLSYJES	D8	
SRLSYRSP	D8	
SRLSYSET	114	
SRLSYSIZ	130	130

IATYSRPA Heading Information

Common Name: IATSSRN Parameter Area
Macro ID: IATYSRPA
DSECT Name: SRPADSCT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: SRPA
Offset: 0
Length: 4
Storage Attributes: Auxiliary Storage: N/A
Subpool: JESPOOL
Key: 1
Size: SRPALEN
Created by: IATINM3
IATMSR1
IATMSR2
IATMSR3
Pointed to by: N/A
Serialization: None.
Function: This macro provides a mapping of the parameters and data areas used to pass information to IATSSRN.

IATYSRPA Map

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

Comment

Fields used for parameter passing to IATSSRN.

End of Comment

0	(0)	SIGNED	4	SRPAID	Eye-catcher
4	(4)	ADDRESS	4	SRPAOMPC	Pointer to the old MPC
8	(8)	ADDRESS	4	SRPANMPC	Pointer to the new NAME
12	(C)	BITSTRING	1	SRPAINDX	Processing required

Comment

Definition of SRPAINDX:

End of Comment

12	(C)	X'4'	0	SRPAMBRS	"4" Reset 'Mailbox created' in all DEST queue entries
12	(C)	X'8'	0	SRPAIPLD	"8" Set STAIPLD in all STARs
12	(C)	X'C'	0	SRPAMBDL	"12" Delete DEST Q mailboxes
12	(C)	X'10'	0	SRPADSIR	"16" Requeue STARs on DSI
12	(C)	X'10'	0	SRPAINMX	"16" Maximum index value
13	(D)	BITSTRING	1	SRPARSVS (3)	Reserved for service

Comment

Fields used by IATSSRN as work areas.

End of Comment

16	(10)	ADDRESS	4	SRPADSQA	Dest queue entry pointer save area
20	(14)	ADDRESS	4	SRPADYNX	Address of next dynamic destination queue extension

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
24	(18)	SIGNED	4	SRPA14SV	R14 save area
28	(1C)	SIGNED	4	SRPAFSID (0)	FSS/FSA id build area
28	(1C)	SIGNED	2	SRPAFSS	FSS portion of the id
30	(1E)	SIGNED	2	SRPAFSA	FSA portion of the id
32	(20)	SIGNED	4	SRPAFSTK	FSS token work area
36	(24)	CHARACTER	16	SRPAOMBN	Old global's member name
52	(34)	CHARACTER	16	SRPANMBN	New global's member name

Comment

```
-------------------------------------------------------------
      GMS mailbox name build area.
-------------------------------------------------------------
```

End of Comment

68	(44)	CHARACTER	16	SRPAGMBX (0)	Mailbox name for GMS DestQ
68	(44)	CHARACTER	8		Prefix for name (SYSJESMS)
76	(4C)	CHARACTER	8	SRPAGMNM	Main name

Comment

```
      List forms of macros used by IATSSRN.
            MACDATE -93/05/10-<1>
```

End of Comment

84	(54)	SIGNED	2	M00M0002 (0)	IXZXIXMB-1
88	(58)	DBL WORD	8	SRPAIXMB (0)	++ IXZXIXMB PARM LIST
88	(58)	BITSTRING	1	SRPAIXMB_XVERSION	++ INPUT XVERSION
89	(59)	CHARACTER	6	SRPAIXMB_XEYECATCH	++ CONSTANT XEYECATCH
95	(5F)	CHARACTER	1	SRPAIXMB_XRSV0001	++ RESERVED XRSV0001
96	(60)	CHARACTER	16	SRPAIXMB_XMBOXNAME	++ XMBOXNAME
112	(70)	ADDRESS	4	SRPAIXMB_XPOSTXIT	++ XPOSTXIT
116	(74)	ADDRESS	4	SRPAIXMB_XPOSTDATA	++ XPOSTDATA
120	(78)	SIGNED	4	SRPAIXMB_XPOSTALET	++ XPOSTALET
124	(7C)	SIGNED	4	SRPAIXMB_XGROUPTOKEN	++ XGROUPTOKEN
128	(80)	BITSTRING	1	SRPAIXMB_XSYSEVENTS	++ FIELD_LABEL
		1...		SRPAIXMB_XSYSEVENT_YES	"B'10000000'" ++ XSYSEVENT.YES KEYWORD
		.1..		SRPAIXMB_XSYSEVENT_NO	"B'01000000'" ++ XSYSEVENT.NO KEYWORD
128	(80)	X'29'	0	SRPAIXMBL	"*-SRPAIXMB" ++ LENGTH OF PLIST

Comment

```
                        IXZXIXMB-1
            MACDATE -93/05/10-<1>
```

End of Comment

130	(82)	SIGNED	2	M00M0005 (0)	IXZXIXMD-1
136	(88)	DBL WORD	8	SRPAIXMD (0)	++ IXZXIXMD PARM LIST
136	(88)	BITSTRING	1	SRPAIXMD_XVERSION	++ INPUT XVERSION
137	(89)	CHARACTER	6	SRPAIXMD_XEYECATCH	++ CONSTANT XEYECATCH
143	(8F)	BITSTRING	1	SRPAIXMD_XSTB	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
					++ INPUT
		1...		SRPAIXMD_XSTB_NO	
					"B'10000000'" ++ XSTB.NO KEYWORD
		.1..		SRPAIXMD_XSTB_YES	
					"B'01000000'" ++ XSTB.YES KEYWORD
144	(90)	CHARACTER	16	SRPAIXMD_XMBOXNAME	
					++ XMBOXNAME
160	(A0)	SIGNED	4	SRPAIXMD_XGROUPTOKEN	
					++ XGROUPTOKEN
160	(A0)	X'1C'	0	SRPAIXMDL	"*-SRPAIXMD" ++ LENGTH OF PLIST

Comment

IXZXIXMD-1
MACDATE -93/01/28-<1>

End of Comment

164	(A4)	SIGNED	2	M00M0006 (0)	IXZXIXRR-1
168	(A8)	DBL WORD	8	SRPAIXRR (0)	++ IXZXIXRR PARM LIST
168	(A8)	BITSTRING	1	SRPAIXRR_XVERSION	
					++ INPUT XVERSION
169	(A9)	CHARACTER	6	SRPAIXRR_XEYECATCH	
					++ CONSTANT XEYECATCH
175	(AF)	CHARACTER	1	SRPAIXRR_XRSV0001	
					++ RESERVED XRSV0001
176	(B0)	CHARACTER	16	SRPAIXRR_XFROMMEM	
					++ XFROMMEM
192	(C0)	CHARACTER	16	SRPAIXRR_XTOMEM	
					++ XTOMEM
208	(D0)	ADDRESS	4	SRPAIXRR_XEXIT	
					++ XEXIT
212	(D4)	SIGNED	4	SRPAIXRR_XGROUPTOKEN	
					++ XGROUPTOKEN
212	(D4)	X'30'	0	SRPAIXRRL	"*-SRPAIXRR" ++ LENGTH OF PLIST

Comment

IXZXIXRR-1

End of Comment

216	(D8)	DBL WORD	8	SRPAEND (0)	
216	(D8)	X'D8'	0	SRPALEN	"(SRPAEND-SRPADSCT)" Parameter area length

IATYSRPA Cross Reference

Name	Hex Offset	Hex Value
M00M0002	54	
M00M0005	82	
M00M0006	A4	
SRPADSCT	0	
SRPADSIR	C	10
SRPADSQA	10	
SRPADYNX	14	
SRPAEND	D8	
SRPAFSA	1E	
SRPAFSID	1C	
SRPAFSS	1C	
SRPAFSTK	20	
SRPAGMBX	44	
SRPAGMNM	4C	
SRPAID	0	
SRPAINDX	C	
SRPAINMX	C	10
SRPAIPLD	C	8
SRPAIXMB	58	
SRPAIXMB_XEYECATCH	59	
SRPAIXMB_XGROUPTOKEN	7C	
SRPAIXMB_XMBOXNAME	60	
SRPAIXMB_XPOSTALET	78	
SRPAIXMB_XPOSTDATA	74	
SRPAIXMB_XPOSTXIT	70	
SRPAIXMB_XRSV0001	5F	
SRPAIXMB_XSYSEVENT_NO		

IATYSRPA Cross Reference

Name	Hex Offset	Hex Value
	80	40
SRPAIXMB_XSYSEVENT_YES		
	80	80
SRPAIXMB_XSYSEVENTS		
	80	
SRPAIXMB_XVERSION		
	58	
SRPAIXMBL	80	29
SRPAIXMD	88	
SRPAIXMD_XEYECATCH		
	89	
SRPAIXMD_XGROUPTOKEN		
	A0	
SRPAIXMD_XMBOXNAME		
	90	
SRPAIXMD_XSTB		
	8F	
SRPAIXMD_XSTB_NO		
	8F	80
SRPAIXMD_XSTB_YES		
	8F	40
SRPAIXMD_XVERSION		
	88	
SRPAIXMDL	A0	1C
SRPAIXRR	A8	
SRPAIXRR_XEXIT		
	D0	
SRPAIXRR_XEYECATCH		
	A9	
SRPAIXRR_XFROMMEM		
	B0	
SRPAIXRR_XGROUPTOKEN		
	D4	
SRPAIXRR_XRSV0001		
	AF	
SRPAIXRR_XTOMEM		
	C0	
SRPAIXRR_XVERSION		
	A8	
SRPAIXRRL	D4	30
SRPALEN	D8	D8
SRPAMBDL	C	C
SRPAMBRS	C	4
SRPANMBN	34	
SRPANMPC	8	
SRPAOMBN	24	
SRPAOMPC	4	
SRPARSVS	D	
SRPA14SV	18	

IATYSRS Programming Interface information

Programming Interface information

IATYSRS

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

- SRSMCTCH
- SRSMMCT
- SRSSAR

End of Programming Interface information

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IATYSRS Heading Information

Common Name: MDSSRS (MDS SYSTEM RESOURCE SCHEDULING) DATA AREA (SRS)
Macro ID: IATYSRS
DSECT Name: IATYSRS
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: JES3 Private Area (JESPOOL)
Auxiliary Storage: N/A
Size: 312 Bytes
Created by: ALOADED BY IATINMD
Pointed to by: TVTMDSRD IN IATYTVT
Serialization: NONE
Function: Contains information needed by the MDSSRS FCT

IATYSRS Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	IATYSRS	
0	(0)	SIGNED	4	SRSSTART (0)	Start of the SRS

Comment

```
SRSID IATYMOD BR=NO Identify the module
          JES3 MODULE ENTRY POINT IDENTIFIER
01 Change Activity:
  $RJ=OS240 HJS6604 960522 PD0DR: OS 2.4.0
```

End of Comment

0	(0)	CHARACTER	8	SRSID	MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM
36	(24)	ADDRESS	4	SRSFCT	MDSSRS FCT

Comment

```
MDSSRS Queues and Addresses
```

End of Comment

40	(28)	ADDRESS	4	SRSSELQ	Start of the MDS System Select queue
44	(2C)	ADDRESS	4	SRSVFYQ	Start of the MDS System Verify queue
48	(30)	ADDRESS	4	SRSMMCT	MCT for the master MDS subtask
52	(34)	ADDRESS	4	SRSMCTCH	Start of the MCT chain (does not include master MCT)
56	(38)	ADDRESS	4	SRSSAR	Address of the SMS Available Resource Chain
60	(3C)	ADDRESS	4	SRSCURRQ	Current RESQUEUE

Comment

```
MDSSRS FCT ECF
```

End of Comment

64	(40)	BITSTRING	1	SRSECF	MDSSRS FCT ECF

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- Definition of SRSECF NOTE: The flags defined in SRSECF must be serialized using the compare and swap instruction ----------	
				End of Comment	
		1...		SRSSSEL	"X'80'" A job has been placed on the MDS System Select queue
		.1..		SRSSVER	"X'40'" A job has been placed on the MDS System Verify queue
		..1.		SRSSTCMP	"X'20'" An MDS subtask has completed processing
		...1		SRSSTABN	"X'10'" An MDS subtask has abended
		.... 1...		SRSCNRST	"X'08'" Operator command entered to cancel a job being processed by MDSSRS
		.... .1..		SRSECF04	"X'04'" Reserved
		.... ..1.		SRSECF02	"X'02'" Reserved
		1		SRSECF01	"X'01'" Reserved
65	(41)	BITSTRING	3	SRSRSVDD	Reserved for Development
				Comment	
				---------- The MDSSRS FCT has another ECF. SVTSMFCT in SVTFLAGJ in IATYSVT is posted when an SMS resource becomes available ---------- MDSSRS FCT ECFLIST	
				End of Comment	
68	(44)	SIGNED	4	SRSECLST (0)	MDSSRS FCT ECFLIST
68	(44)	ADDRESS	4	SRSECFA1	Address of SRS ECF in IATYSRS
72	(48)	SIGNED	4	SRSECFM1	ECF mask of SRS ECF in
72	(48)	X'4B'	0	SRSMASK1	"SRSECFM1+3,1" IATYSRS in low order byte, zeros elsewhere
76	(4C)	ADDRESS	4	SRSECFA2	Address of SRS ECF in IATYSVT
80	(50)	SIGNED	4	SRSECFM2	ECF mask of SRS ECF in
80	(50)	X'53'	0	SRSMASK2	"SRSECFM2+3,1" IATYSVT in low order byte, zeros elsewhere
84	(54)	SIGNED	4	SRSLSTTM	ECFLIST terminator
				Comment	
				MDSSRS Data Area Flags	
				End of Comment	
88	(58)	BITSTRING	1	SRSFLG1	MDSSRS Data Area Flag One
				Comment	
				---------- Definition of SRSFLG1 ----------	
				End of Comment	
		1...		SRSRTRYE	"X'80'" The MDSSRS JESTAE retry routine has been entered
		.1..		SRSNOTAP	"X'40'" FAILDSP dump code was DM045 (RESQUEUE management error) - Do not issue the RQTAPUT macro
		..1.		SRSWKSAR	"X'20'" Working with SARs
		...1		SRSRQSCN	"X'10'" System Select/Verify Queue scanning
		.... 1...		SRSFL108	"X'08'" Reserved Flag
		.... .1..		SRSFL104	"X'04'" Reserved Flag
		.... ..1.		SRSFL102	"X'02'" Reserved Flag
		1		SRSFL101	"X'01'" Reserved Flag
89	(59)	BITSTRING	1	SRSFLG2	MDSSRS Data Area Flag Two

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
					---------- Definition of SRSFLG2 ----------
				End of Comment	
		1...		SRS1ST	"X'80'" Dechained first SCHRE
		.1..		SRSDCHN	"X'40'" Resource dechained
		..1.		SRSENDG	"X'20'" End of group found
		...1		SRSGRP	"X'10'" Search is in group
		.... 1...		SRSDONE	"X'08'" RQ processing done
		.... .1..		SRSJEST	"X'04'" Jestae entered before
		.... ..1.		SRSFREE	"X'02'" Release all jobs
		1		SRSPOST	"X'01'" Post IATMDSR
90	(5A)	BITSTRING	1	SRSFLG3	MDSSRS Data Area Flag Three
				Comment	
					---------- Definition of SRSFLG3 ----------
				End of Comment	
		1...		SRSFL380	"X'80'" Reserved Flag
		.1..		SRSFL340	"X'40'" Reserved Flag
		..1.		SRSFL320	"X'20'" Reserved Flag
		...1		SRSFL310	"X'10'" Reserved Flag
		.... 1...		SRSFL308	"X'08'" Reserved Flag
		.... .1..		SRSFL304	"X'04'" Reserved Flag
		.... ..1.		SRSFL302	"X'02'" Reserved Flag
		1		SRSFL301	"X'01'" Reserved Flag
91	(5B)	BITSTRING	1	SRSMFOOT	Used to footprint IATMDRL
				Comment	
					---------- Definition of SRSMFOOT ----------
				End of Comment	
		1...		SRSFRSAR	"X'80'" In FREE_SAR routine
		.1..		SRSFRALL	"X'40'" In FREE_ALL routine
		..1.		SRSPRSRL	"X'20'" In DO_SCHRL routine
		...1		SRSCHSAR	"X'10'" In CHEK_SAR routine
		.... 1...		SRSSRLER	"X'08'" SCHRL ptr error
		.... .1..		SRSSARER	"X'04'" SAR ptr error
		.... ..1.		SRSMF02	"X'02'" Reserved Flag
		1		SRSMF01	"X'01'" Reserved Flag
92	(5C)	BITSTRING	4	SRSFLRSD	Reserved for Development
				Comment	
					MDSSRS Module Entry Point Addresses
				End of Comment	
96	(60)	ADDRESS	4	SRSMDAT	Entry point addr of IATMDAT
100	(64)	ADDRESS	4	SRSMDRL	Entry point addr of IATMDRL

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		MDSSRS FCT Attach/Detach Work Area			
				End of Comment	
104	(68)	SIGNED	4	SRSAVJNS	The average number of jobs on the MDS System Select and MDS System Verify queues that need an MDS subtask
108	(6C)	SIGNED	2	SRSATTCT	The number of MDS subtasks that may be attached
110	(6E)	SIGNED	2	SRSATRSD	Reserved for Development
				Comment	

		Because the STORE CLOCK instruction will be used by the MDSSRS DSP, the following doublewords are given below. However, only the first word will be used in calculations, as this will provide sufficient accuracy for our purposes.			

				End of Comment	
112	(70)	DBL WORD	8	SRSATTIM	The time of the last MDS subtask ATTACH
112	(70)	X'70'	0	SRSATMW1	"SRSATTIM,4" First word of SRSATTIM
120	(78)	DBL WORD	8	SRSDETTM	The time the MCT chain was last scanned to determine whether any MDS subtasks need to be detached
120	(78)	X'78'	0	SRSDTMW1	"SRSDETTM,4" First word of SRSDETTM
128	(80)	DBL WORD	8	SRSCURTM	Current time (from STCK)
128	(80)	X'80'	0	SRSCTMW1	"SRSCURTM,4" First word of SRSCURTM
				Comment	

		Save Areas			
		(NOTE: A save area is required because IATMDSR issues the CPOOL macro with the DELETE parameter.)			

				End of Comment	
136	(88)	SIGNED	4	SRSSAVE (18)	Save area
208	(D0)	ADDRESS	4	SRSLINK1	Store Subroutine linkage reg
212	(D4)	ADDRESS	4	SRSLINK2	Store Subroutine linkage reg
216	(D8)	ADDRESS	4	SRSPREPT	Store previous schre pointer
220	(DC)	ADDRESS	4	SRSSCHPL	Store schre pointer
224	(E0)	ADDRESS	4	SRSABASE	Store base addr of resource array
228	(E4)	ADDRESS	4	SRSRQPTR	Store resqueue pointer
232	(E8)	ADDRESS	4	SRSBEGIN	Pointer to group beginning
236	(EC)	ADDRESS	4	SRSBEFOR	Ptr to element before group
240	(F0)	BITSTRING	1	SRSSTAT	Used to hold SAR new status
241	(F1)	BITSTRING	1	SRSRQNDX	Save Current RQINDEX
242	(F2)	BITSTRING	1	SRSTEMP	Used to hold SCHRE type
243	(F3)	BITSTRING	2	SRSSVRSD	Reserved for Development
				Comment	
		Parameter Lists			

		MESSAGE Parameter List			

		SRSMSGPL MESSAGE MF=L Message Parameter List $RX=OS280 HJS6608 981217 PD0DR: OS 2.8.0			
				End of Comment	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
248	(F8)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
248	(F8)	ADDRESS	4	SRSMSGPL	Text Address
252	(FC)	BITSTRING	2		Destination Disp and Mask
254	(FE)	BITSTRING	1		Flags and Priority
255	(FF)	ADDRESS	1		Options Flag
256	(100)	BITSTRING	2		Descriptor Codes
258	(102)	SIGNED	2		Reserved 2 Bytes
260	(104)	BITSTRING	17		Routing Codes
277	(115)	BITSTRING	1	(3)	Reserved
280	(118)	BITSTRING	1	(8)	Jobid
288	(120)	BITSTRING	1	(8)	Jobname
296	(128)	BITSTRING	1	(8)	Key
304	(130)	ADDRESS	4		CNDB Address 1
308	(134)	ADDRESS	4		CNDB Address 2
312	(138)	ADDRESS	4		CNDB Address 3
316	(13C)	ADDRESS	4		CNDB Address 4
320	(140)	ADDRESS	4		CNDB Address 5
324	(144)	ADDRESS	4		MLWO Address

Comment

IATXDELY Parameter List

End of Comment

328	(148)	DBL WORD	8	SRSXDELY (0)	IATXDELY Parameter List
328	(148)	ADDRESS	4		JQE address
332	(14C)	ADDRESS	4		RQ address
336	(150)	DBL WORD	8		Time stamp
344	(158)	ADDRESS	4		JCT address
348	(15C)	SIGNED	4	(2)	Reserved for IBM

Comment

IATMDAT Parameter List

End of Comment

356	(164)	BITSTRING	1	SRSMDPL	Parameter List passed to IATMDAT

Comment

The DSECT for this parameter list appears in IATYMCT
Messages

End of Comment

368	(170)	ADDRESS	4	IAT5010	Address of IAT5010 message
372	(174)	ADDRESS	4	IAT5011	Address of IAT5011 message
376	(178)	ADDRESS	4	IAT5012	Address of IAT5012 message
380	(17C)	ADDRESS	4	IAT5014	Address of IAT5014 message
384	(180)	ADDRESS	4	IAT5015	Address of IAT5015 message
388	(184)	ADDRESS	4	IAT5016	Address of IAT5016 message
392	(188)	ADDRESS	4	IAT5018	Address of IAT5018 message
396	(18C)	ADDRESS	4	IAT5800S	Address of IAT5800 message

Comment

MDSSRS Message Work Area

End of Comment

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
400	(190)	BITSTRING	1	SRSMSGLN	Length of message
401	(191)	CHARACTER	119	SRSMSGTX	Text of message

Comment

```
-----------------------------------------------------------
     IAT5010 SYSTEM MANAGED RESOURCE STATUS HAS CHANGED
-----------------------------------------------------------
```

End of Comment

520	(208)	ADDRESS	1	MSG5010	
521	(209)	CHARACTER	50	M5010ST	
521	(209)	X'23B'	0	M5010END	"*"
521	(209)	X'32'	0	MSG5010L	"M5010END-M5010ST"

Comment

```
-----------------------------------------------------------
     IAT5011 JOB jjj (jobid) RESTARTED THROUGH
          (SETUP|C/I)
  NOTE - IAT5011 is included in both IATYSRS and IATYMDS.
  Changes to the message text may be needed to be made in
  both macros.
-----------------------------------------------------------
```

End of Comment

571	(23B)	ADDRESS	1	MSG5011	
572	(23C)	CHARACTER	12	M5011ST	
584	(248)	CHARACTER	8	M5011JNM	Job name
592	(250)	CHARACTER	2		
594	(252)	CHARACTER	8	M5011JID	Job id
602	(25A)	CHARACTER	20		
622	(26E)	CHARACTER	5	M5011FNC	Function
622	(26E)	X'273'	0	M5011END	"*"
622	(26E)	X'37'	0	MSG5011L	"M5011END-M5011ST"
627	(273)	CHARACTER	5	M5011SET	
632	(278)	CHARACTER	5	M5011CI	

Comment

```
-----------------------------------------------------------
     IAT5012 RESOURCE REQUIREMENTS NOT CONSISTENT WITH
          CURRENT CONFIGURATION
-----------------------------------------------------------
```

End of Comment

637	(27D)	ADDRESS	1	MSG5012	
638	(27E)	CHARACTER	50	M5012ST	
688	(2B0)	CHARACTER	21		
688	(2B0)	X'2C5'	0	M5012END	"*"
688	(2B0)	X'47'	0	MSG5012L	"M5012END-M5012ST"

Comment

```
-----------------------------------------------------------
     IAT5014 JOB jjj (jobid) NO PROCESSORS HAVE ACCESS TO
          BOTH MDS AND SMS RESOURCES
-----------------------------------------------------------
```

End of Comment

709	(2C5)	ADDRESS	1	MSG5014	
710	(2C6)	CHARACTER	12	M5014ST	
722	(2D2)	CHARACTER	8	M5014JNM	Job name
730	(2DA)	CHARACTER	2		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
732	(2DC)	CHARACTER	8	M5014JID	Job id
740	(2E4)	CHARACTER	48		
788	(314)	CHARACTER	9		
788	(314)	X'31D'	0	M5014END	"*"
788	(314)	X'57'	0	MSG5014L	"M5014END-M5014ST"

Comment

```
-----------------------------------------------------------
      IAT5015 JOB jjj (jobid) REFERENCES A VOLUME NOT
            FOUND IN ACTIVE SMS CONFIGURATION
-----------------------------------------------------------
```

End of Comment

797	(31D)	ADDRESS	1	MSG5015	
798	(31E)	CHARACTER	12	M5015ST	
810	(32A)	CHARACTER	8	M5015JNM	Job name
818	(332)	CHARACTER	2		
820	(334)	CHARACTER	8	M5015JID	Job id
828	(33C)	CHARACTER	42		
870	(366)	CHARACTER	17		
870	(366)	X'377'	0	M5015END	"*"

Comment

```
-----------------------------------------------------------
      IAT5016 MDSSRS DRIVER UNRECOVERABLE ERROR - INVALID
            (MDS CONTROL TABLE (MCT) | RESQUEUE) CHAIN
-----------------------------------------------------------
```

End of Comment

887	(377)	ADDRESS	1	MSG5016	
888	(378)	CHARACTER	52	M5016ST	
940	(3AC)	CHARACTER	29	M5016CHN	
940	(3AC)	X'3C9'	0	M5016END	"*"
940	(3AC)	X'51'	0	MSG5016L	"M5016END-M5016ST"
969	(3C9)	CHARACTER	29	M5016MCT	
998	(3E6)	CHARACTER	29	M5016RQ	

Comment

```
-----------------------------------------------------------
      IAT5018 JOB jjj (jobid) FAILED DUE TO MDS SUBTASK
            ABEND
-----------------------------------------------------------
```

End of Comment

1027	(403)	ADDRESS	1	MSG5018	
1028	(404)	CHARACTER	12	M5018ST	
1040	(410)	CHARACTER	8	M5018JNM	Job name
1048	(418)	CHARACTER	2		
1050	(41A)	CHARACTER	8	M5018JID	Job id
1058	(422)	CHARACTER	33		
1058	(422)	X'443'	0	M5018END	"*"
1058	(422)	X'3F'	0	MSG5018L	"M5018END-M5018ST"

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

```
-------------------------------------------------------------
      IAT5800 JOB jjj (jobid) PLACED ON (MDS ERROR | MDS
            BREAKDOWN) QUEUE BY (SYSTEM SELECT | SYSTEM
            VERIFY | SRS FAILSOFT)
  NOTE - IAT5800 is included in both IATYSRS and IATYMDS.
  Changes to the message text may be needed to be made in
  both macros.
-------------------------------------------------------------
```

End of Comment

1091	(443)	ADDRESS	1	MSG5800S	
1092	(444)	CHARACTER	12	M5800ST	
1104	(450)	CHARACTER	8	M5800JNM	Job name
1112	(458)	CHARACTER	2		
1114	(45A)	CHARACTER	8	M5800JID	Job id
1122	(462)	CHARACTER	12		
1134	(46E)	CHARACTER	13	M5800QNM	Queue name
1147	(47B)	CHARACTER	10		
1157	(485)	CHARACTER	13	M5800FCN	MDSSRS function
1157	(485)	X'492'	0	M5800END	"*"
1157	(485)	X'4E'	0	MSG5800L	"M5800END-M5800ST"
1170	(492)	CHARACTER	13	M5800ERR	
1183	(49F)	CHARACTER	13	M5800BRK	
1196	(4AC)	CHARACTER	13	M5800SS	
1209	(4B9)	CHARACTER	13	M5800SV	
1222	(4C6)	CHARACTER	13	M5800SF	

Comment

Equates

End of Comment

1222	(4C6)	X'2'	0	SRSWTFCT	"2" The weighting factor for the MDSSRS FCT (used in determining the number of MDS subtasks that may be attached)
1222	(4C6)	X'5'	0	SRSINMBR	"5" Initial number of MDS subtasks to attach
1222	(4C6)	X'A'	0	SRSMAXAT	"10" The maximum number of MDS subtasks that may be attached

Comment

```
------------------------------------------------------------ 0
      DM420 Reason Codes 0
------------------------------------------------------------ 0
```

End of Comment

1222	(4C6)	X'1'	0	SRSMTAFL	"1" Master Task Attach Failure 0108
1222	(4C6)	X'2'	0	SRSINMPC	"2" Sub Task Attach Failure 0108
1222	(4C6)	X'3'	0	SRSSTAFL	"3" Invalid MPC Pointer 0108
1222	(4C6)	X'4'	0	SRSINMCT	"4" Invalid MCT Pointer 0231
1222	(4C6)	X'5'	0	SRSINSAR	"5" Invalid SAR Pointer 0108
1222	(4C6)	X'6'	0	SRSINSCH	"6" Invalid SCHRL Pointer 0108
1222	(4C6)	X'7'	0	SRSINRQ	"7" Invalid RQ Pointer 0108
1222	(4C6)	X'8'	0	SRSNLSHR	"8" IATMDRL found the end of a SCHRE chain without finding the last SCHRE in a group

IATYSRS Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- The MDSSRS DSP references various amounts of time, given below. The numbers appearing in the expressions are as follows: - The first factor = the number of minutes desired - The second factor = 60 = the number of seconds in one minute - The third and fourth factors are a result of bit position 31 of the clock being incremented once every 1.048576 seconds (see STORE CLOCK instruction) The expressions are used in determining amounts of time that has elapsed. Results will be sufficiently accurate for our purposes. ----------
					End of Comment
1222	(4C6)	X'35A'	0	SRSATMIN	"15*60*1000000/1048576" The minimum amount of time that must elapse in order to change the number of additional MDS subtasks that may be attached (= 15 minutes)
1222	(4C6)	X'6B4'	0	SRSDTMIN	"30*60*1000000/1048576" The minimum amount of time used in determining whether to detach any MDS subtasks (= 30 minutes)
1222	(4C6)	X'6B4'	0	SRSUSMIN	"30*60*1000000/1048576" The minimum amount of time used in determining whether an MDS subtask finished its work recently (= 30 minutes)
1236	(4D4)	SIGNED	4	SRSEND (0)	End of MDSSRS Data Area
1236	(4D4)	X'4D4'	0	SRSSIZE	"SRSEND-SRSSTART" Size of MDSSRS Data Area

IATYSRS Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
IATYSRS	0		M5011FNC	26E	40404040
IAT5010	170		M5011JID	252	40404040
IAT5011	174		M5011JNM	248	40404040
IAT5012	178		M5011SET	273	E2C5E3E4
IAT5014	17C		M5011ST	23C	C9C1E3F5
IAT5015	180		M5012END	2B0	2C5
IAT5016	184		M5012ST	27E	C9C1E3F5
IAT5018	188		M5014END	314	31D
IAT5800S	18C		M5014JID	2DC	40404040
MSG5010	208		M5014JNM	2D2	40404040
MSG5010L	209	32	M5014ST	2C6	C9C1E3F5
MSG5011	23B		M5015END	366	377
MSG5011L	26E	37	M5015JID	334	40404040
MSG5012	27D		M5015JNM	32A	40404040
MSG5012L	2B0	47	M5015ST	31E	C9C1E3F5
MSG5014	2C5		M5016CHN	3AC	40404040
MSG5014L	314	57	M5016END	3AC	3C9
MSG5015	31D		M5016MCT	3C9	D4C4E240
MSG5016	377		M5016RQ	3E6	D9C5E2D8
MSG5016L	3AC	51	M5016ST	378	C9C1E3F5
MSG5018	403		M5018END	422	443
MSG5018L	422	3F	M5018JID	41A	40404040
MSG5800L	485	4E	M5018JNM	410	40404040
MSG5800S	443		M5018ST	404	C9C1E3F5
M5010END	209	23B	M5800BRK	49F	D4C4E240
M5010ST	209	C9C1E3F5	M5800END	485	492
M5011CI	278	C361C940	M5800ERR	492	D4C4E240
M5011END	26E	273	M5800FCN	485	40404040

Name	Hex Offset	Hex Value
M5800JID	45A	40404040
M5800JNM	450	40404040
M5800QNM	46E	40404040
M5800SF	4C6	E2D9E240
M5800SS	4AC	E2E8E2E3
M5800ST	444	C9C1E3F5
M5800SV	4B9	E2E8E2E3
SRSABASE	E0	
SRSATMIN	4C6	35A
SRSATMW1	70	70
SRSATRSD	6E	0
SRSATTCT	6C	0
SRSATTIM	70	0
SRSAVJNS	68	0
SRSBEFOR	EC	
SRSBEGIN	E8	
SRSCHSAR	5B	10
SRSCNRST	40	8
SRSCTMW1	80	80
SRSCURRQ	3C	
SRSCURTM	80	0
SRSDCHN	59	40
SRSDETTM	78	0
SRSDONE	59	8
SRSDTMIN	4C6	6B4
SRSDTMW1	78	78
SRSECF	40	0
SRSECFA1	44	
SRSECFA2	4C	
SRSECFM1	48	0
SRSECFM2	50	0
SRSECF01	40	1
SRSECF02	40	2
SRSECF04	40	4
SRSECLST	44	
SRSEND	4D4	
SRSENDG	59	20
SRSFCT	24	
SRSFLG1	58	0
SRSFLG2	59	0
SRSFLG3	5A	0
SRSFLRSD	5C	0
SRSFL101	58	1
SRSFL102	58	2
SRSFL104	58	4
SRSFL108	58	8
SRSFL301	5A	1
SRSFL302	5A	2
SRSFL304	5A	4
SRSFL308	5A	8
SRSFL310	5A	10
SRSFL320	5A	20
SRSFL340	5A	40
SRSFL380	5A	80
SRSFRALL	5B	40
SRSFREE	59	2
SRSFRSAR	5B	80
SRSGRP	59	10
SRSID	0	C9C1E3D4
SRSINMBR	4C6	5
SRSINMCT	4C6	4
SRSINMPC	4C6	2
SRSINRQ	4C6	7
SRSINSAR	4C6	5
SRSINSCH	4C6	6

Name	Hex Offset	Hex Value
SRSJEST	59	4
SRSLINK1	D0	
SRSLINK2	D4	
SRSLSTTM	54	FFFFFFFF
SRSMASK1	48	4B
SRSMASK2	50	53
SRSMAXAT	4C6	A
SRSMCTCH	34	
SRSMDAT	60	
SRSMDPL	164	0
SRSMDRL	64	
SRSMFOOT	5B	0
SRSMF01	5B	1
SRSMF02	5B	2
SRSMMCT	30	
SRSMSGLN	190	0
SRSMSGPL	F8	
SRSMSGTX	191	40404040
SRSMTAFL	4C6	1
SRSNLSHR	4C6	8
SRSNOTAP	58	40
SRSPOST	59	1
SRSPREPT	D8	
SRSPRSRL	5B	20
SRSRQNDX	F1	0
SRSRQPTR	E4	
SRSRQSCN	58	10
SRSRSVDD	41	0
SRSRTRYE	58	80
SRSSAR	38	
SRSSARER	5B	4
SRSSAVE	88	0
SRSSCHPL	DC	
SRSSELQ	28	
SRSSIZE	4D4	4D4
SRSSRLER	5B	8
SRSSSEL	40	80
SRSSTABN	40	10
SRSSTAFL	4C6	3
SRSSTART	0	
SRSSTAT	F0	0
SRSSTCMP	40	20
SRSSVER	40	40
SRSSVRSD	F3	0
SRSTEMP	F2	0
SRSUSMIN	4C6	6B4
SRSVFYQ	2C	
SRSWKSAR	58	20
SRSWTFCT	4C6	2
SRSXDELY	148	
SRS1ST	59	80

IATYSRT Programming Interface information

Programming Interface information

IATYSRT

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

- SRTCTE
- SRTLPFQ
- SRTWPFQ

End of Programming Interface information

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IATYSRT Heading Information

Common Name: RESIDENT SNARJP TABLE
Macro ID: IATYSRT
DSECT Name: IATYSRT, IATYCID
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: SRT
Offset: 0
Length: 4
Storage Attributes: Virtual Storage: Private any
Subpool: 0
Key: 1
Data Space: None
Residency: Any
Size: 128 Bytes
Created by: IATINGN
Pointed to by: SRJPSRT IN IATYTVT
Serialization: Queue header require COMPARE and SWAP logic
Function: This DSECT is to map the resident information necessary to control the SNARJP DSP. This table is built by initialization deck processing and is resident when SNARJP is defined. Information contained in this table is updated by the SNARJP DSP during it's execution.

IATYSRT Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYSRT	
0	(0)	CHARACTER	4	SRTCBID	CONTROL BLOCK ID
4	(4)	CHARACTER	8	SRTAPLID	APPLICATION ID FOR OPEN ACB
12	(C)	CHARACTER	8	SRTPSWD	PASSWORD FOR OPEN ACB
20	(14)	CHARACTER	8	SRTCTBN	DEFAULT CTAB NAME FOR ALL SNARJP
28	(1C)	ADDRESS	4	SRTCTE	ADDRESS OF FIRST CTE
32	(20)	ADDRESS	4	SRTCIDU	ADDRESS OF CID TO LCB TABLE
36	(24)	SIGNED	2	SRTCIDUC	NUMBER OF ENTRIES IN CID TO LCB TAB

Comment

THE SIZE OF THE CID TO LCB TAB=SRTCIDUC CIDLEN

End of Comment

38	(26)	SIGNED	2	SRTRESSV	RESERVED FOR SERVICE

Comment

THIS IS INITIALIZED AT SNARJP CALL TIME

End of Comment

40	(28)	ADDRESS	4	SRTSRDC	POINTER TO SNA RJP DATA CSECT

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					THE FOLLOWING FIELDS ARE QUEUE HEADERS (ALSO CALLED ANCHORS) FOR THE SNA RJP WORK QUEUES AND ARE UPDATED AS NECESSARY.
					End of Comment
44	(2C)	ADDRESS	4	SRTOUTM	QUEUE HEADER OF LCB'S WHICH HAVE MESSAGES TO SEND TO REMOTE WS. (CONT. FIELD IS LCBOUTM)
48	(30)	ADDRESS	4	SRTMSG	QUEUE HEADER OF MESSAGES TO BE SENT TO LOCAL OPER CONSOLE (CONT. FIELD IS QMSCHN)
52	(34)	ADDRESS	4	SRTINCD	QUEUE HEADER OF LCB'S WHICH HAVE INBOUND CONSL. COMMANDS TO PROCESS (CONT. FIELD IS LCBINCD)
56	(38)	ADDRESS	4	SRTRDRS	QUEUE HEADER OF LCB'S WHICH NEED A CALL READER COMMAND INTERCOMMED (CONT. FIELD IS LCBRDRS)
60	(3C)	ADDRESS	4	SRTTERM	QUEUE HEADER OF LCB'S WHICH CLSDST PROCESSING TO BE DONE (CONT. FIELD IS LCBTERM)
64	(40)	ADDRESS	4	SRTRESET	QUEUE HEADER OF LCB'S WHICH RESET PROCESSING TO BE DONE (CONT. FIELD IS LCBRESET)
68	(44)	ADDRESS	4	SRTFRCB	QUEUE HEADER OF LCB'S WHICH NEED "REMOVE CONTROL BLOCKS" PROCESSING (CONT. FIELD IS LCBFRCB)
72	(48)	ADDRESS	4	SRTWSOPN	QUEUE HEADER OF LCB'S WHICH NEED WS OPEN ISSUED FOR CONSOLE OUT DVE (CONT. FIELD IS LCBWSOPN)
76	(4C)	ADDRESS	4	SRTWSCHN	QUEUE HEADER FOR CHAIN OF ALL WSBS (CONT. FIELD IS WSBWSCHN)
80	(50)	ADDRESS	4	SRTWSBWQ	Q OF WSB'S WAITING FOR RESOURCE CLEANUP BEFORE THE WSB CAN BE FREED. ALL WSB'S WHICH STILL HAVE DEVICES ALLOCATED TO DSP'S ARE PUT ON THIS QUEUE TO WAIT FOR THE PUTUNIT'S. ALSO, THE WSB'S FOR ALL WORKSTATIONS THAT ARE CANCELED IMMEDIATE ARE PLACED ON THIS QUEUE TO WAIT FOR ALL ACTIVE SESSIONS (LCBS'S) TO BE TERMINATED. (CONT. FIELD IS WSBWQ)
84	(54)	ADDRESS	4	SRTCMNDQ	CHAIN OF COMMANDS TO BE INTERCOMMED TO JES3 FROM DFC (CONT. FIELD IS CMDNXT)
88	(58)	ADDRESS	4	SRTLPFQ	LCB PENDING FREE QUEUE (CONT. FIELD IS LCBLPFQ)
92	(5C)	ADDRESS	4	SRTWPFQ	WSB PENDING FREE QUEUE (CONT. FIELD IS WSBWPFQ)
					Comment
					---END OF LIST OF QUEUE HEADERS---
					End of Comment
96	(60)	BITSTRING	1	SRTFLG1	FLAG BYTE
					Comment
					---------- DEFINITION OF SRTFLG1 THESE FLAGS SHOULD BE SET ONLY BY PROCESSING THAT RUNS UNDER THE IATNUC TASK. ALSO, THIS FLAG BYTE IS ALWAYS RESET TO ZERO WHEN SNARJP IS CALLED. ----------
					End of Comment
		1...		SRTCDLAY	"X'80'" CLSDST DELAY IS NEEDED
		.1..		SRTCWTNG	"X'40'" CLSDST IS BEING DELAYED
		..1.		SRTRMVTI	"X'20'" REMVCB TIME INTVL ACTIVE
97	(61)	BITSTRING	1	SRTRSVD1 (3)	RESERVED FOR DEVELOPMENT
104	(68)	DBL WORD	8	(0)	
104	(68)	ADDRESS	4	SRTSCDQ	QUEUE HEADER FOR LCB WHICH HAVE HAD A SIGNAL RECEIVED
108	(6C)	SIGNED	4	SRTRSVU1	RESERVED FOR USER

IATYSRT Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
112	(70)	ADDRESS	4	SRTTRQ	SNA TRACE TABLE FREE QUEUE THIS QUEUE IS NOT MANAGED VIA IATXENQ,IATXDEQ
116	(74)	SIGNED	4	SRTRSVS1	RESERVED FOR SERVICE
120	(78)	SIGNED	4	SRTFECF	ECF FOR FAIL SNARJP
		1...		SRTFPOST	"X'80'" MASK FOR ABOVE
124	(7C)	SIGNED	4	SRTSUBTK	SAVE AREA FOR SUBTASK ADDR
128	(80)	SIGNED	4	(0)	END OF SRT
128	(80)	X'80'	0	SRTLEN	"*-IATYSRT" LENGTH OF SRT

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

Comment

IATYCID - - C O M M U N I C A T I O N I D T O L C B T A B
COMMUNICATIONS IDENTIFIER TO LUCB MAP TABLE ENTRY (SERIAL SEARCH)
ENTRIES ARE ADDED WHEN A OPEN DEST COMPLETES AND REMOVE AT THE
COMPLETION OF THE CLOSE DEST.

End of Comment

0	(0)	SIGNED	4	CIDNETA	LU CID
4	(4)	SIGNED	4	CIDLCBA	LCB MAPPED TO THIS COMMUNICATION ID
4	(4)	X'8'	0	CIDLEN	"*-IATYCID" LENGTH OF ENTRY IN IATYCID

IATYSRT Cross Reference

Name	Hex Offset	Hex Value
CIDLCBA	4	
CIDLEN	4	8
CIDNETA	0	
IATYCID	0	
IATYSRT	0	
SRTAPLID	4	
SRTCBID	0	E2D9E340
SRTCDLAY	60	80
SRTCIDU	20	
SRTCIDUC	24	
SRTCMNDQ	54	
SRTCTBN	14	
SRTCTE	1C	
SRTCWTNG	60	40
SRTFECF	78	0
SRTFLG1	60	
SRTFPOST	78	80
SRTFRCB	44	
SRTINCD	34	
SRTLEN	80	80
SRTLPFQ	58	
SRTMSG	30	
SRTOUTM	2C	
SRTPSWD	C	
SRTRDRS	38	
SRTRESET	40	
SRTRESSV	26	
SRTRMVTI	60	20
SRTRSVD1	61	
SRTRSVS1	74	
SRTRSVU1	6C	
SRTSCDQ	68	
SRTSRDC	28	
SRTSUBTK	7C	0
SRTTERM	3C	
SRTTRQ	70	
SRTWPFQ	5C	
SRTWSBWQ	50	
SRTWSCHN	4C	
SRTWSOPN	48	

IATYSRVC Heading Information

Common Name: Service Class Table (SRVC)
Macro ID: IATYSRVC
DSECT Name: SRVC_START
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: WLM
Offset: 0
Length: 4
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 0
Size: SRVC_SIZE bytes
Created by: IATWLSCS
Pointed to by: WLM_SRVCFRST in IATYWLM
WLM_SRVCLAST in IATYWLM
SRVC_NEXT in IATYSRVC
Serialization: None
Function: This macro maps the information associated with each service class known to JES3.

IATYSRVC Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	SRVC_START	, Service Class Table
0	(0)	CHARACTER	4	SRVC_ID	Control Block Id
4	(4)	ADDRESS	4	SRVC_NEXT	Address of next Service Class Table
8	(8)	CHARACTER	16	SRVC_QTOKEN (0)	Service class queue token used for registration. It consists of the JESXCF group name plus the service class name.
8	(8)	CHARACTER	8	SRVC_JESXCFGN	JESXCF group name
16	(10)	CHARACTER	8	SRVC_NAME	Service class name
24	(18)	SIGNED	4	SRVC_INDEX	Service class matrix index
28	(1C)	BITSTRING	8	SRVC_RSVD1	Reserved for IBM

Comment

Registration/Deregistration information.

End of Comment

36	(24)	BITSTRING	8	SRVC_REGCODES (0)	IWMBREG return and reason code information
36	(24)	SIGNED	4	SRVC_REGRETC	Return code from IWMBREG
40	(28)	SIGNED	4	SRVC_REGRESN	Reason code from IWMBREG
44	(2C)	SIGNED	4	SRVC_RSVD2	Reserved for IBM

Comment

Time stamps.

End of Comment

48	(30)	DBL WORD	8	SRVC_CREATIME	Time stamp when the Service Class Table was created
56	(38)	DBL WORD	8	SRVC_REGTIME	Time stamp when the Service Class Table was last registered
64	(40)	DBL WORD	8	SRVC_EMTYTIME	Time stamp when there were no jobs found referencing the service class

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				Queue pointers.	
				End of Comment	
72	(48)	ADDRESS	4	SRVC_QFIRST	Address of first RQ on the service class queue
76	(4C)	ADDRESS	4	SRVC_QLAST	Address of last RQ on the service class queue
				Comment	
				Main masks.	
				End of Comment	
80	(50)	SIGNED	4	SRVC_NINTMMSK	Main mask of systems where there are no initiators started for this service class
84	(54)	SIGNED	4	SRVC_BRIPMMSK	Main mask of systems to be included in the IWMBRIP request that will be used to start initiators
				Comment	
				Sampling information ---------- SYSPLEX wide sampling information for this service class. ----------	
				End of Comment	
88	(58)	BITSTRING	1	SRVC_PVSYSPLX	
				Comment	
				SYSPLEX wide sampling information for the previous sampling interval	
				End of Comment	
100	(64)	BITSTRING	1	SRVC_CRSYSPLX	
				Comment	
				SYSPLEX wide sampling information for the current sampling interval	
				End of Comment	
100	(64)	X'64'	0	SRVC_CRPLXELG	"SRVC_CRSYSPLX+(WBQS_SYSPLEX_SC_ELIG-WBQS_SYSPLEX_SC"
				Comment	
				SYSPLEX eligible count for the current sampling interval	
				End of Comment	
0	(0)	X'68'	0	SRVC_CRPLXINE	"SRVC_CRSYSPLX+(WBQS_SYSPLEX_SC_INELIG-WBQS_SYSPLEX_"

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		SYSPLEX ineligible count for the current sampling interval			
				End of Comment	
0	(0)	X'6C'	0	SRVC_CRPLXLMT	"SRVC_CRSYSPLX+(WBQS_SYSPLEX_SC_LIMITED-WBQS_SYSPLEX"
				Comment	
		SYSPLEX limited count for the current sampling interval			
				End of Comment	
112	(70)	BITSTRING	1	SRVC_PVSYSTEM	
				Comment	
		System specific sampling information for the previous sampling interval			
				End of Comment	
368	(170)	BITSTRING	1	SRVC_CRSYSTEM	
				Comment	
		System specific sampling information for the current sampling interval			
				End of Comment	
624	(270)	SIGNED	4	SRVC_JQSTATS (0)	Sampling statistics
624	(270)	SIGNED	4	SRVC_MSWCOUNT	Number of jobs waiting to be scheduled for main service
628	(274)	SIGNED	4	SRVC_MDSCOUNT	Number of jobs in MDS
632	(278)	SIGNED	4	SRVC_GMSCOUNT	Number of jobs in GMS select
				Comment	
				End of Comment	
636	(27C)	SIGNED	4	SRVC_MNCOFFCT	Number of jobs ineligible because main is not connected or is offline
640	(280)	SIGNED	4	SRVC_GRPDISCT	Number of jobs ineligible because the group is disabled
644	(284)	SIGNED	4	SRVC_JOBHLDCT	Number of jobs ineligible because it is in operator hold

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
648	(288)	SIGNED	4	SRVC_CLSDISCT	Number of jobs ineligible because the class is disabled
652	(28C)	SIGNED	4	SRVC_SCHENVCT	Number of jobs ineligible because the scheduling environment is not available or undefined
656	(290)	SIGNED	4	SRVC_MSPARTCT	Number of jobs ineligible because a marginal spool space condition exists
660	(294)	SIGNED	4	SRVC_TDEPTHCT	Number of jobs ineligible because the TDEPTH has been reached
664	(298)	SIGNED	4	SRVC_TLIMITCT	Number of jobs ineligible because the TLIMIT has been reached
668	(29C)	SIGNED	4	SRVC_MDEPTHCT	Number of jobs ineligible because the MDEPTH has been reached
672	(2A0)	SIGNED	4	SRVC_MLIMITCT	Number of jobs ineligible because the MLIMIT has been reached
672	(2A0)	X'34'	0	SRVC_JQSSIZE	"*-SRVC_JQSTATS" Size of statistics

Comment

Flags

Definition of SRVC_FLAG1

End of Comment

676	(2A4)	BITSTRING	1	SRVC_FLAG1	Flag one
		1...		SRVC_REGOK	"X'80'" Registration successful for this service class
		.1..		SRVC_REGUNDEF	"X'40'" Registration failed because the service class is undefined in the current WLM policy
		..1.		SRVC_REGERR	"X'20'" Registration failed for this service class for some reason other than the service class being undefined in the WLM policy.
		...1		SRVC_CREAJOBQ	"X'10'" Service Class Table was created when IATXSRVC ADD_JOB_TO_QUEUE request was issued
		.... 1...		SRVC_DREGERR	"X'08'" Deregistration failed for this service class
		.... .1..		SRVC_SAMPDATA	"X'04'" This service class appeared in the sampling data. This flag is set only on local processors when sampling data is received from the global for a service class
		.... ..1.		SRVC_DUMMY	"X'02'" This is a dummy service class
		1		SRVC_REGERMSG	"X'01'" Registration error message was issued

Comment

Definition of SRVC_FLAG2

End of Comment

677	(2A5)	BITSTRING	1	SRVC_FLAG2	Flag two
		1...		SRVC_FLRS280	"X'80'" Reserved flag
		.1..		SRVC_FLRS240	"X'40'" Reserved flag
		..1.		SRVC_FLRS220	"X'20'" Reserved flag
		...1		SRVC_FLRS210	"X'10'" Reserved flag
		.... 1...		SRVC_FLRS208	"X'08'" Reserved flag
		.... .1..		SRVC_FLRS204	"X'04'" Reserved flag
		.... ..1.		SRVC_FLRS202	"X'02'" Reserved flag
		1		SRVC_FLRS201	"X'01'" Reserved flag

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
678	(2A6)	BITSTRING	2	SRVC_RSVD3	Reserved for IBM
					Comment End of the SRVC. End of Comment
680	(2A8)	DBL WORD	8	SRVC_END (0)	End of SRVC
680	(2A8)	X'2A8'	0	SRVC_SIZE	"SRVC_END-SRVC_START" Size of SRVC
					Comment Miscellaneous Equates. End of Comment
680	(2A8)	X'100'	0	SRVC_MAXCNT	"256" Maximum number of service classes
680	(2A8)	X'3C'	0	SRVC_DREGMIN	"60" Number of minutes that a service class must not be in use before it can be deregistered
680	(2A8)	X'D69'	0	SRVC_DREGTIME	"SRVC_DREGMIN*60*100000/104857" Dregistration time in clock units

IATYSRVC Cross Reference

Name	Hex Offset	Hex Value
SRVC_BRIPMMSK	54	0
SRVC_CLSDISCT	288	0
SRVC_CREAJOBQ	2A4	10
SRVC_CREATIME	30	0
SRVC_CRPLXELG	64	64
SRVC_CRPLXINE	0	68
SRVC_CRPLXLMT	0	6C
SRVC_CRSYSPLX	64	0
SRVC_CRSYSTEM	170	0
SRVC_DREGERR	2A4	8
SRVC_DREGMIN	2A8	3C
SRVC_DREGTIME	2A8	D69
SRVC_DUMMY	2A4	2
SRVC_EMTYTIME	40	0
SRVC_END	2A8	
SRVC_FLAG1	2A4	0
SRVC_FLAG2	2A5	0
SRVC_FLRS201	2A5	1
SRVC_FLRS202	2A5	2
SRVC_FLRS204	2A5	4
SRVC_FLRS208	2A5	8
SRVC_FLRS210	2A5	10
SRVC_FLRS220	2A5	20
SRVC_FLRS240	2A5	40
SRVC_FLRS280	2A5	80
SRVC_GMSCOUNT	278	0
SRVC_GRPDISCT	280	0
SRVC_ID	0	E2D9E5C3
SRVC_INDEX	18	0
SRVC_JESXCFGN	8	40404040
SRVC_JOBHLDCT	284	0
SRVC_JQSSIZE	2A0	34
SRVC_JQSTATS	270	
SRVC_MAXCNT	2A8	100
SRVC_MDEPTHCT	29C	0
SRVC_MDSCOUNT	274	0
SRVC_MLIMITCT	2A0	0
SRVC_MNCOFFCT	27C	0
SRVC_MSPARTCT	290	0
SRVC_MSWCOUNT	270	0
SRVC_NAME	10	40404040
SRVC_NEXT	4	
SRVC_NINTMMSK	50	0
SRVC_PVSYSPLX	58	0
SRVC_PVSYSTEM	70	0
SRVC_QFIRST	48	
SRVC_QLAST	4C	
SRVC_QTOKEN	8	
SRVC_REGCODES	24	
SRVC_REGERMSG	2A4	1

IATYSRVC Cross Reference

Name	Hex Offset	Hex Value
SRVC_REGERR	2A4	20
SRVC_REGOK	2A4	80
SRVC_REGRESN	28	0
SRVC_REGRETC	24	0
SRVC_REGTIME	38	0
SRVC_REGUNDEF	2A4	40
SRVC_RSVD1	1C	0
SRVC_RSVD2	2C	0
SRVC_RSVD3	2A6	0
SRVC_SAMPDATA	2A4	4
SRVC_SCHENVCT	28C	0
SRVC_SIZE	2A8	2A8
SRVC_START	0	
SRVC_TDEPTHCT	294	0
SRVC_TLIMITCT	298	0

IATYSSBS Heading Information

Common Name: Subsystem Begin Step data area
Macro ID: IATYSSBS
DSECT Name: SSBSSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Auxiliary Storage: N/A
Subpool: 0
Size: SSBSSIZE
Created by: IATSIBS
Pointed to by: Staging area sent from IATSIBS
Overlays AWAOBUF area in IATYAWA
Serialization: NONE
Function: This data area maps the communication area for the Begin Step Susbsystem Interface call.

IATYSSBS Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SSBSTART	
0	(0)	SIGNED	2	SSBSLNG	Length of area
2	(2)	SIGNED	2	SSBSJNMC	Compatible job number, related to SSBSJNUM
4	(4)	BITSTRING	1	SSBSSNO	Step number
5	(5)	BITSTRING	1	SSBFLAG	Flag byte
		1...		SSBNOCAN	"X'80'" MVS non-cancellable
		.1..		SSBEXTPR	"X'40'" An extension is present
		..1.		SSBFLR20	"X'20'" Reserved for IBM
		...1		SSBFLR10	"X'10'" Reserved for IBM
		.... 1...		SSBFLR08	"X'08'" Reserved for IBM
		.... .1..		SSBFLR04	"X'04'" Reserved for IBM
		.... ..1.		SSBFLR02	"X'02'" Reserved for IBM
		1		SSBFLR01	"X'01'" Reserved for IBM
6	(6)	CHARACTER	8	SSBSJNAM	Job name
14	(E)	CHARACTER	8	SSBSSNM	Step name
22	(16)	CHARACTER	8	SSBSPSN	Procedure step name
22	(16)	X'1E'	0	SSBSBASL	"*-SSBSTART" Base size without extension

Comment

```
-----------------------------------------------------------
     SSBS Extension.
-----------------------------------------------------------
```

End of Comment

30	(1E)	ADDRESS	1	SSBSVER	Version number
		1		SSBSVR01	"X'01'" Version number 1
30	(1E)	X'1'	0	SSBSCVER	"SSBSVR01" Current version
31	(1F)	ADDRESS	3	SSBSRSV1	Reserved for IBM
34	(22)	BITSTRING	4	SSBSJNUM	Extended job number
40	(28)	SIGNED	4	SSBSRSV2	Reserved for IBM
44	(2C)	SIGNED	4	SSBSRSV3	Reserved for IBM
48	(30)	SIGNED	4	SSBSRSV4	Reserved for IBM
52	(34)	SIGNED	4	SSBSRSV5	Reserved for IBM

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```
      Offsets
Dec       Hex       Type/Value        Len    Name (Dim)          Description
                                                   Comment
 ------------------------------------------------------------
      IEAMSCHD Parameter List.
 ------------------------------------------------------------
                                                 End of Comment
0         (0)       X'0'              0      M00M0002            "SIBSMSCH" ++ IEAMSCHD NAME
0         (0)       DBL WORD          8      SIBSMSCH (0)        ++ IEAMSCHD PARM LIST
0         (0)       BITSTRING         1      SIBSMSCH_XVERSION
                                                                 ++ INPUT XVERSION
1         (1)       BITSTRING         1      SIBSMSCH_XFLAG1
                                                                 ++ FIELD_LABEL
                     .... 1...               SIBSMSCH_XENV_STOKEN
                                                                 "B'00001000'" ++ XENV.STOKEN KEYWORD
                     .... .1..               SIBSMSCH_XENV_FULLXM
                                                                 "B'00000100'" ++ XENV.FULLXM KEYWORD
                     .... ..1.               SIBSMSCH_XENV_PRIMARY
                                                                 "B'00000010'" ++ XENV.PRIMARY KEYWORD
                     .... ...1               SIBSMSCH_XENV_HOME
                                                                 "B'00000001'" ++ XENV.HOME KEYWORD
2         (2)       BITSTRING         1      SIBSMSCH_XFLAG2
                                                                 ++ FIELD_LABEL
                     ..1. ....               SIBSMSCH_KEYUSED_DUALPOOLTOKEN
                                                                 "B'00100000'" ++ KEYUSED.DUALPOOLTOKEN KEYWORD
                     ...1 ....               SIBSMSCH_XSYNCH_YES
                                                                 "B'00010000'" ++ XSYNCH.YES KEYWORD
                     .... 1...               SIBSMSCH_KEYUSED_KEYVALUE
                                                                 "B'00001000'" ++ KEYUSED.KEYVALUE KEYWORD
                     .... .1..               SIBSMSCH_XLLOCK_YES
                                                                 "B'00000100'" ++ XLLOCK.YES KEYWORD
                     .... ..1.               SIBSMSCH_XFEATURE_CPMASK
                                                                 "B'00000010'" ++ XFEATURE.CPMASK KEYWORD
                     .... ...1               SIBSMSCH_XFEATURE_CRYPTO
                                                                 "B'00000001'" ++ XFEATURE.CRYPTO KEYWORD
3         (3)       BITSTRING         1      SIBSMSCH_XFLAG3
                                                                 ++ FIELD_LABEL
                     ..1. ....               SIBSMSCH_XPRIORITY_CLIENT
                                                                 "B'00100000'" ++ XPRIORITY.CLIENT KEYWORD
                     ...1 ....               SIBSMSCH_XPRIORITY_ENCLAVE
                                                                 "B'00010000'" ++ XPRIORITY.ENCLAVE KEYWORD
                     .... 1...               SIBSMSCH_XPRIORITY_PREEMPT
                                                                 "B'00001000'" ++ XPRIORITY.PREEMPT KEYWORD
                     .... .1..               SIBSMSCH_XPRIORITY_CURRENT
                                                                 "B'00000100'" ++ XPRIORITY.CURRENT KEYWORD
                     .... ..1.               SIBSMSCH_XPRIORITY_GLOBAL
                                                                 "B'00000010'" ++ XPRIORITY.GLOBAL KEYWORD
                     .... ...1               SIBSMSCH_XPRIORITY_LOCAL
                                                                 "B'00000001'" ++ XPRIORITY.LOCAL KEYWORD
4         (4)       ADDRESS           4      SIBSMSCH_XEPADDR
                                                                 ++ XEPADDR
8         (8)       BITSTRING         8      SIBSMSCH_XTARGETSTOKEN
                                                                 ++ XTARGETSTOKEN
16        (10)      CHARACTER         8      SIBSMSCH_XENCLAVETOKEN
                                                                 ++ XENCLAVETOKEN
24        (18)      BITSTRING         1      SIBSMSCH_XMINORPRIORITY
                                                                 ++ XMINORPRIORITY
25        (19)      BITSTRING         1      SIBSMSCH_XKEYVALUE
                                                                 ++ XKEYVALUE
26        (1A)      BITSTRING         2      SIBSMSCH_XCPUMASK
                                                                 ++ XCPUMASK
28        (1C)      SIGNED            4      SIBSMSCH_XPARM
                                                                 ++ XPARM
```

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
32	(20)	ADDRESS	4	SIBSMSCH_XFRRADDR	++ XFRRADDR
36	(24)	ADDRESS	4	SIBSMSCH_XRMTRADDR	++ XRMTRADDR
40	(28)	BITSTRING	8	SIBSMSCH_XPURGESTOKEN	++ XPURGESTOKEN
48	(30)	ADDRESS	4	SIBSMSCH_XPTCBADDR	++ XPTCBADDR
52	(34)	BITSTRING	8	SIBSMSCH_XCLIENTSTOKEN	++ XCLIENTSTOKEN
52	(34)	X'3C'	0	SIBSMSCH_PL_END	"*" ++ END OF BASE PLIST
52	(34)	X'3C'	0	SIBSMSCHL	"*-SIBSMSCH" ++ LENGTH OF PLIST

Comment

IEAMSCHD-2

End of data area.

End of Comment

60	(3C)	X'3C'	0	SSBSEND	"*" End of SSBS
60	(3C)	X'3C'	0	SSBSSIZE	"SSBSEND-SSBSTART" Size of SSBS
60	(3C)	BITSTRING	1	(0)	Make sure data area does not exceed size of AWA output buffer

Comment

IATYSSBS PREVIOUSLY GENERATED

End of Comment

IATYSSBS Cross Reference

Name	Hex Offset	Hex Value
M00M0002	0	0
SIBSMSCH	0	
SIBSMSCH_KEYUSED_DUALPOOLTOKEN	2	20
SIBSMSCH_KEYUSED_KEYVALUE	2	8
SIBSMSCH_PL_END	34	3C
SIBSMSCH_XCLIENTSTOKEN	34	
SIBSMSCH_XCPUMASK	1A	
SIBSMSCH_XENCLAVETOKEN	10	
SIBSMSCH_XENV_FULLXM	1	4
SIBSMSCH_XENV_HOME	1	1
SIBSMSCH_XENV_PRIMARY	1	2
SIBSMSCH_XENV_STOKEN	1	8
SIBSMSCH_XEPADDR	4	
SIBSMSCH_XFEATURE_CPMASK	2	2
SIBSMSCH_XFEATURE_CRYPTO	2	1
SIBSMSCH_XFLAG1	1	
SIBSMSCH_XFLAG2	2	
SIBSMSCH_XFLAG3	3	
SIBSMSCH_XFRRADDR	20	
SIBSMSCH_XKEYVALUE	19	
SIBSMSCH_XLLOCK_YES	2	4
SIBSMSCH_XMINORPRIORITY	18	
SIBSMSCH_XPARM	1C	
SIBSMSCH_XPRIORITY_CLIENT	3	20
SIBSMSCH_XPRIORITY_CURRENT	3	4
SIBSMSCH_XPRIORITY_ENCLAVE	3	10
SIBSMSCH_XPRIORITY_GLOBAL	3	2
SIBSMSCH_XPRIORITY_LOCAL	3	1

IATYSSBS Cross Reference

Name	Hex Offset	Hex Value
SIBSMSCH_XPRIORITY_PREEMPT		
	3	8
SIBSMSCH_XPTCBADDR		
	30	
SIBSMSCH_XPURGESTOKEN		
	28	
SIBSMSCH_XRMTRADDR		
	24	
SIBSMSCH_XSYNCH_YES		
	2	10
SIBSMSCH_XTARGETSTOKEN		
	8	
SIBSMSCH_XVERSION		
	0	
SIBSMSCHL	34	3C
SSBEXTPR	5	40
SSBFLAG	5	0
SSBFLR01	5	1
SSBFLR02	5	2
SSBFLR04	5	4
SSBFLR08	5	8
SSBFLR10	5	10
SSBFLR20	5	20
SSBNOCAN	5	80
SSBSBASL	16	1E
SSBSCVER	1E	1
SSBSEND	3C	3C
SSBSJNAM	6	40404040
SSBSJNMC	2	0
SSBSJNUM	22	
SSBSLNG	0	0
SSBSPSN	16	40404040
SSBSRSV1	1F	
SSBSRSV2	28	
SSBSRSV3	2C	
SSBSRSV4	30	
SSBSRSV5	34	
SSBSSIZE	3C	3C
SSBSSNM	E	40404040
SSBSSNO	4	0
SSBSTART	0	
SSBSVER	1E	
SSBSVR01	1E	1

IATYSSCX Programming Interface information

Programming Interface information

IATYSSCX

End of Programming Interface information

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IATYSSCX Heading Information

Common Name: Staging Area and Service Entrance List Common Section Mapping
Macro ID: IATYSSCX
DSECT Name: None
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes:
Size: &PRE.SECL
Created by: Creators of IATYSEL and IATYSTA
Pointed to by: N/A
Serialization: None
Function: Generates a set of fields which are common to both the staging area (IATYSTA) and the Service Entrance list (IATYSEL).

IATYSSCX Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	SIGNED	4	STASEC (0)	Beginning of common section
0	(0)	SIGNED	4	STAFSID (0)	Functional Subsystem ID
0	(0)	SIGNED	2	STAFSSID	FSS portion of FSID
2	(2)	SIGNED	2	STAFSAID	FSA portion OF FSID
4	(4)	BITSTRING	1	STATYPE	Request type

Comment

```
-------------------------------------------------------------
SEL/STAR Request Types
-------------------------------------------------------------
```

End of Comment

		1...		STAWAIT	"X'80'" Wait request
		.1..		STAREPLY	"X'40'" Reply request
		..1.		STACOMM	"X'20'" Communication request
		...1		STAACK	"X'10'" Acknowledgement request
		.... 1...		STARESP	"X'08'" Response request
		.... .1..		STAPURG	"X'04'" Purge request
		.... ..1.		STAEOMT	"X'02'" EOM/T request
5	(5)	BITSTRING	1	STAFUNC	SSOB or DEST code
6	(6)	BITSTRING	1	STAMOD	Request Modification number
7	(7)	BITSTRING	1	STAREID	Receiving system ID (MPSYSID)
8	(8)	BITSTRING	1	STASEID	Sending system ID (SVTSYSID)
9	(9)	BITSTRING	1	STAPRTY	Priority
10	(A)	BITSTRING	1	STAXRSD1 (2)	Reserved for Development
12	(C)	SIGNED	4	STAXRSD2	Reserved for Development
16	(10)	SIGNED	4	STAXRSS	Reserved for Service
20	(14)	SIGNED	4	STAFLAGA (0)	SEL/Staging area Flags
20	(14)	BITSTRING	1	STAFLAG1	Flag Byte 1

Comment

```
-------------------------------------------------------------
Definition of flags in SEL/STAR Flag byte #1
-------------------------------------------------------------
```

End of Comment

		1...		STATJES3	"X'80'" Request is sent to JES3
		.1..		STAJES3	"X'40'" Requestor is JES3
21	(15)	BITSTRING	1	STAFLAG2	Flag byte 2

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- Definition of flags in SEL/STAR Flag byte #2 ----------	
				End of Comment	
		..1.		STAGCC	"X'20'" GC Function Complete
22	(16)	BITSTRING	1	STASECL (0)	Section length

IATYSSCX Cross Reference

Name	Hex Offset	Hex Value
STAACK	4	10
STACOMM	4	20
STAEOMT	4	2
STAFLAGA	14	
STAFLAG1	14	0
STAFLAG2	15	0
STAFSAID	2	0
STAFSID	0	
STAFSSID	0	0
STAFUNC	5	0
STAGCC	15	20
STAJES3	14	40
STAMOD	6	0
STAPRTY	9	0
STAPURG	4	4
STAREID	7	0
STAREPLY	4	40
STARESP	4	8
STASEC	0	
STASECL	16	
STASEID	8	0
STATJES3	14	80
STATYPE	4	0
STAWAIT	4	80
STAXRSD1	A	0
STAXRSD2	C	0
STAXRSS	10	0

IATYSST Heading Information

Common Name: Security Subtask Control Table
Macro ID: IATYSST
DSECT Name: SSTSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: SST
Offset: 0
Length: 4
Storage Attributes: Main Storage: JES3 Private
Auxiliary Storage: N/A
Size: 84 Bytes
Created by: IATGRSS
Pointed to by: TVTXSST in the TVT Fixed Extension
Serialization: Compare and swap must be used when adding SSWE queue entries to the subtask work-to-do queue (SSTWK2DO) and the work-complete-queue (pointed to by SSWEWCMP)
Function: This control block maps queue headers and dynamic storage for the General Security Subtask (IATGRSS).

IATYSST Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	SSTSTART	, Security Subtask Control Table
0	(0)	CHARACTER	4	SSTID	Control Block Id
4	(4)	SIGNED	4	SSTECB	Subtask ECB
8	(8)	SIGNED	4	SSTPECB	Subtask PURGE ECB
12	(C)	ADDRESS	4	SSTTVT	Transfer Vector Table (TVT) address

Comment

Work Queue Pointers

End of Comment

16	(10)	ADDRESS	4	SSTWK2DO	Work-to-Do Queue. This is a single headed, single threaded push down stack serialized by compare and swap. Queue elements are added to this queue by the requesting function.
20	(14)	ADDRESS	4	SSTWKIPR	Work-in-Progress Queue header. This is a double headed, double threaded LIFO queue. The entire Work-to-Do Queue (except for "purge" queue elements) is moved here by the security subtask when posted for work.
24	(18)	ADDRESS	4	SSTWKIPB	Work-in-Progress Queue footer. This points to the last element on the Work-in-Progress Queue.
28	(1C)	ADDRESS	4	SSTSNALG	SNARJP Logon processing work complete queue. This is the Work-Complete Queue pointed to by SSWEWCMP for SNARJP work. It is a single headed, single threaded push down stack serialized by compare and swap.
32	(20)	ADDRESS	4	SSTSNALF	SNARJP Logon work in progress queue header. This is a double headed, double threaded LIFO queue. The entire SNARJP Logon processing work complete queue is moved here by the SNARJP DSP when posted for work.
36	(24)	ADDRESS	4	SSTSNALB	SNARJP Logon work in progress queue footer. This points to the last element on the SNARJP Logon work in progress queue.

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
40	(28)	ADDRESS	4	SSTPPRGE	Pending Purge Queue. This is a single headed, single threaded FIFO queue. "Purge" queue elements on the Work-to-Do Queue are moved here by the security subtask when posted for work.
				Comment	
				Flags	
				End of Comment	
44	(2C)	BITSTRING	1	SSTFLAG1	SST Flag One
				Comment	
				---------- Definition of SSTFLAG1 ----------	
				End of Comment	
		1...		SSTABEND	"X'80'" Security subtask abend
		.1..		SSTSINIT	"X'40'" Security subtask initialization complete
		..1.		SSTESTAP	"X'20'" ESTAE entered (reset after work has been processed successfully)
		...1		SSTRF110	"X'10'" Reserved flag
		.... 1...		SSTRF108	"X'08'" Reserved flag
		.... .1..		SSTRF104	"X'04'" Reserved flag
		.... ..1.		SSTRF102	"X'02'" Reserved flag
		1		SSTRF101	"X'01'" Reserved flag
45	(2D)	BITSTRING	1	SSTABFG1	Estae exit control flag
				Comment	
				---------- Definition of SSTABFG1 ----------	
				End of Comment	
		1...		SSTACTWE	"X'80'" Subtask is actively processing a transaction. The security subtask work element is pointed to by register R6.
		.1..		SSTINVOP	"X'40'" Internally generated abend because an invalid transaction was requested. The abend is taken to obtain diagnostic information
		..1.		SSTACT1	"X'20'" Indicates that a call has been made to SAF via IATXSEC during transaction 1 (SNARJP VERIFYX).
		...1		SSTACT2	"X'10'" Indicates that a call has been made to SAF via IATXSEC during transaction 2 (BSC/NJE VERIFYX).
		.... 1...		SSTRF208	"X'08'" Reserved flag
		.... .1..		SSTRF204	"X'04'" Reserved flag
		.... ..1.		SSTRF202	"X'02'" Reserved flag
		1		SSTRF201	"X'01'" Reserved flag
46	(2E)	BITSTRING	2	SSTRSVDD	Reserved for development
				Comment	
				Misc Pointers saved for dianostic proposes	
				End of Comment	
48	(30)	ADDRESS	4	SSTGRSS	Address of IATGRSS
52	(34)	ADDRESS	4	SSTYSEC	Address of active IATYSEC

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				Parameter Lists for the Security Subtask Note: The storage for the parameter lists must be reinitialized prior to use since they occupy the same location in storage.	
				End of Comment	
56	(38)	SIGNED	4	SSTPARML (0)	Start of parameter lists
				Comment	
				---------- ESTAE Parameter List ----------	
				End of Comment	
				Comment	
				SSTESTAE ESTAEX MF=L ESTAE parameter list	
				End of Comment	
56	(38)	SIGNED	4	(0)	
56	(38)	ADDRESS	1	SSTESTAE	FLAGS FOR ESTAEX
57	(39)	ADDRESS	1		SECOND FLAG BYTE
58	(3A)	ADDRESS	1		THIRD FLAG BYTE
59	(3B)	ADDRESS	1		VERSION NUMBER
60	(3C)	ADDRESS	4		TOKEN VALUE AREA
64	(40)	ADDRESS	4		PARM. LIST ADDR. NOT SPECIFIED
68	(44)	ADDRESS	4		ALET FOR PARM LIST
72	(48)	ADDRESS	4		EXIT ADDR NOT SPECD
72	(48)	X'14'	0	SSTESTSZ	"*-SSTESTAE" Size of ESTAE parameter list
				Comment	
				---------- End of Security Subtask Control Table ----------	
				End of Comment	
76	(4C)	CHARACTER	8	SSTIDX	Control Block Id
84	(54)	SIGNED	4	SSTEND (0)	End of SST
84	(54)	X'54'	0	SSTSIZE	"SSTEND-SSTSTART" Size of SST

IATYSST Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
SSTABEND	2C	80	SSTINVOP	2D	40
SSTABFG1	2D	0	SSTPARML	38	
SSTACTWE	2D	80	SSTPECB	8	0
SSTACT1	2D	20	SSTPPRGE	28	
SSTACT2	2D	10	SSTRF101	2C	1
SSTECB	4	0	SSTRF102	2C	2
SSTEND	54		SSTRF104	2C	4
SSTESTAE	38		SSTRF108	2C	8
SSTESTAP	2C	20	SSTRF110	2C	10
SSTESTSZ	48	14	SSTRF201	2D	1
SSTFLAG1	2C	0	SSTRF202	2D	2
SSTGRSS	30		SSTRF204	2D	4
SSTID	0	E2E2E340	SSTRF208	2D	8
SSTIDX	4C	C5D5C4E2	SSTRSVDD	2E	0

IATYSST Cross Reference

Name	Hex Offset	Hex Value
SSTSINIT	2C	40
SSTSIZE	54	54
SSTSNALB	24	
SSTSNALF	20	
SSTSNALG	1C	
SSTSTART	0	
SSTTVT	C	
SSTWKIPB	18	
SSTWKIPR	14	
SSTWK2DO	10	
SSTYSEC	34	

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	Offsets 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

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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
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	Hex Offset	Hex Value
SSWE	0	
SSWEAPQ	18	80
SSWEASWP	1A	80
SSWEAWCP	18	10
SSWEAWIP	18	40
SSWEAW2D	18	20
SSWEBACK	8	
SSWEBIND	38	
SSWECIDS	34	
SSWEECB	24	
SSWEECF	1C	
SSWEECFM	20	
SSWEEND	91C	
SSWEFLG1	14	0
SSWEFLG2	18	0
SSWEFLG3	19	0
SSWEFLG4	1A	0
SSWEFRNT	4	
SSWEF101	14	1
SSWEF102	14	2
SSWEF104	14	4
SSWEF108	14	8
SSWEF110	14	10
SSWEF201	18	1
SSWEF301	19	1
SSWEF302	19	2
SSWEF304	19	4
SSWEF308	19	8
SSWEF401	1A	1
SSWEF402	1A	2
SSWEF404	1A	4
SSWEF408	1A	8
SSWEF410	1A	10
SSWEF420	1A	20
SSWEID	0	E2E2E6C5
SSWEIDX	914	C5D5C4E2
SSWEINV	14	80
SSWELOGN	5C	40404040
SSWELUNM	B4	40404040
SSWEMOD	14B	0
SSWENIDX	134	0
SSWENJEX	11	10
SSWENPOE	126	40404040
SSWENSES	130	0
SSWEOPTN	10	0
SSWEPGID	C	0
SSWEPRGE	11	80
SSWERDCH	18	2
SSWERD1	21	0
SSWERECB	18	4
SSWERECF	18	8
SSWERFB1	15	0
SSWERFB2	1B	0
SSWERFS1	138	0
SSWERPQ	19	80
SSWERSSN	B1	404040
SSWERSWP	1A	40
SSWERTN	2C	
SSWERWCP	19	10
SSWERWIP	19	40
SSWERW2D	19	20
SSWESAFF	14	40
SSWESECP	14C	0
SSWESENS	14A	0
SSWESESS	38	40404040
SSWESIZE	91C	91C
SSWESNAA	11	20
SSWESNAX	11	40
SSWESNPS	C4	40404040
SSWESPAS	BC	40404040
SSWESRLT	30	
SSWES49	CC	0
SSWEUNKW	14	20
SSWEUSER	AC	
SSWEWCMP	28	
SSWEWSNM	AC	40404040

IATYSSX Programming Interface information

Programming Interface information

IATYSSX

End of Programming Interface information

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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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				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
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	SSXSPRET	Security Product Return Code
12	(C)	SIGNED	4	SSXSPRSN	Security Product Reason Code
				Comment	
				---------- Definition of SSXSPRSN. ----------	
				End of Comment	
		..1. .1..		SSXNEVER	"X'24'" For PSO receive-by-userid, the user can never receive the specified data set (short of a miracle)

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					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 ---------- 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 JESMSGLG data set create
16	(10)	BITSTRING	0	SSXIANJO	"X'0103'" IATISNJ NJE job JESMSGLG 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	SSXIANSC	"X'0109'" IATNTSF Store and forward NJE data IATOSNT set create

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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
16	(10)	BITSTRING	0	SSXIAOS2	"X'0124'" IATOSBM WRITER class check for SNA/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 writer
16	(10)	BITSTRING	0	SSXIAFG1	"X'0127'" IATOSFG JESSPOOL class check for FSS writer

Comment

Process SYSOUT (PSO) AUTH Values.

End of Comment

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

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

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

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

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

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

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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- 0	
		APPC TOKENBLD Values. 0			
				---------- 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
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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					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
					Comment
					---------- Input Service TOKENMAP Values. ----------
					End of Comment
16	(10)	BITSTRING	0	SSXIMISJ	"X'040D'" IATISEN Obtain information from job token 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'0419'" IATSIOP Obtain information from 0040 JES3 token for PSO 0040
16	(10)	BITSTRING	0	SSXIMSMP	"X'0420'" IATSISO Obtain information from JES3 token for SAPI

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					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'0419'" IATSIAD Map token during non-batch SYSOUT Allocation
					Comment
					---------- Reserved for User TOKENMAP Values. ----------
					End of Comment
16	(10)	BITSTRING	0	SSXIMU01	"X'04E0'" Reserved for user
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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					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'" IATDMEB Extract token of job's 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
					Comment
					---------- 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

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

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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- Job Deletion AUDIT Values. ----------	
				End of Comment	
16	(10)	BITSTRING	0	SSXAUJVL	"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
16	(10)	BITSTRING	0	SSXAUU22	"X'07F5'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU23	"X'07F6'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU24	"X'07F7'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU25	"X'07F8'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU26	"X'07F9'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU27	"X'07FA'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU28	"X'07FB'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU29	"X'07FC'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU30	"X'07FD'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU31	"X'07FE'" Reserved for user
16	(10)	BITSTRING	0	SSXAUU32	"X'07FF'" Reserved for user
				Comment	
			0		
		VERIFY Values. 0			
			0		
				End of Comment	
		.... 1...		SSXIVRFY	"X'08'" VERIFY Request 0039

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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				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)					
				End of Comment	
28	(1C)	CHARACTER	53	SSXENTIT	Entity 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
				Comment	
Job Name (JOBNAME)					
				End of Comment	
90	(5A)	CHARACTER	8	SSXJOBNM	Job Name

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

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

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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				Reserved Fields.	
				End of Comment	
853	(355)	BITSTRING	1	SSXRWRSF (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	
				User Exit Read-Only Values. The following information can only be read by IATUX58 and IATUX59. Modifying these values will not affect the information passed on the RACROUTE macro. The value in parenthesis is the keyword on the IATXSEC macro that causes the field to be filled in. IATXSEC Keyword Information.	
				Resource Class (CLASS)	
				End of Comment	
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 JESMSGLG, that is, the exit should return messages so that they can be written to JESMSGLG. If off, don't write messages to JESMSGLG.

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				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
		.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	SSXFRMOT	Output Token Format
		1...		SSXFOINT	"X'80'" Convert token from external to internal (encrypted) format
		.1..		SSXFOEXT	"X'40'" Convert token from internal (encrypted) to external format
				Comment	
		Remote Job Indicator (REMOTE)			
				End of Comment	
915	(393)	BITSTRING	1	SSXREMOT	Remote Job Indicator
		1		SSXRMYES	"X'01'" REMOTE=YES
		.... ..1.		SSXRMNO	"X'02'" REMOTE=NO
				Comment	
		Encryption Address and Method - and - Password Encryption Attribute (ENCRYPT) For VERIFYX requests, SSXENCRT contains the encryption attribute. For EXTRACT (ENCRYPT) requests, SSXENCRY contains the address of a one byte length field, followed by the data to be encrypted, and SSXENCME contains the encryption method to be used.			
				End of Comment	
916	(394)	ADDRESS	4	SSXENCRY	Address of length/data to be encrypted
920	(398)	BITSTRING	1	SSXENCME	Encryption method to be used
		1...		SSXENDES	"X'80'" ENCRYPT=(,DES)
		.1..		SSXENINS	"X'40'" ENCRYPT=(,INST)
		..1.		SSXENHAS	"X'20'" ENCRYPT=(,HASH)
920	(398)	X'398'	0	SSXENCRT	"SSXENCME" Encryption attribute
		1		SSXENCYS	"X'01'" ENCRYPT=YES

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... ..1.		SSXENCNO	"X'02'" ENCRYPT=NO

Comment

---------- 0
Environment-Create or Delete ACEE (ENVIR) 0
---------- 0

End of Comment

921	(399)	BITSTRING	1	SSXENV	ENVIRONMENT 0039
		1		SSXENVCR	"X'01'" ENVIRONMENT=CREATE 0039
		.... ..1.		SSXENVDL	"X'02'" ENVIRONMENT=DELETE 0039

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	SSXNJEJH	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

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

Reserved Fields.

End of Comment

1056	(420)	SIGNED	4	SSXRORSD (4)	Reserved for Development
1072	(430)	SIGNED	4	SSXRORSS (10)	Reserved for Service

IATYSSX Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
SSXAALTR	12	80	SSXAUU24	10	7F7
SSXACNTL	12	8	SSXAUU25	10	7F8
SSXACTIA	384		SSXAUU26	10	7F9
SSXAREAD	12	2	SSXAUU27	10	7FA
SSXASIS	62	1	SSXAUU28	10	7FB
SSXATTR	12		SSXAUU29	10	7FC
SSXAUCAN	10	702	SSXAUU30	10	7FD
SSXAUJVL	10	701	SSXAUU31	10	7FE
SSXAUPDT	12	4	SSXAUU32	10	7FF
SSXAUU01	10	7E0	SSXCLASS	388	
SSXAUU02	10	7E1	SSXDDSN	3B6	
SSXAUU03	10	7E2	SSXDSN	41C	7
SSXAUU04	10	7E3	SSXENCME	398	0
SSXAUU05	10	7E4	SSXENCNO	398	2
SSXAUU06	10	7E5	SSXENCRT	398	398
SSXAUU07	10	7E6	SSXENCRY	394	
SSXAUU08	10	7E7	SSXENCYS	398	1
SSXAUU09	10	7E8	SSXENDES	398	80
SSXAUU10	10	7E9	SSXENHAS	398	20
SSXAUU11	10	7EA	SSXENINS	398	40
SSXAUU12	10	7EB	SSXENTIT	1C	
SSXAUU13	10	7EC	SSXENV	399	
SSXAUU14	10	7ED	SSXENVCR	399	1
SSXAUU15	10	7EE	SSXENVDL	399	2
SSXAUU16	10	7EF	SSXEXNDF	14	
SSXAUU17	10	7F0	SSXEXNDL	13	
SSXAUU18	10	7F1	SSXEXNOD	13	
SSXAUU19	10	7F2	SSXFOEXT	392	40
SSXAUU20	10	7F3	SSXFOINT	392	80
SSXAUU21	10	7F4	SSXFRMOT	392	0
SSXAUU22	10	7F5	SSXGROUF	52	
SSXAUU23	10	7F6	SSXGROUL	51	

Name	Hex Offset	Hex Value
SSXGROUP	51	
SSXIAALT	10	12B
SSXIACGP	10	12E
SSXIACMD	10	12C
SSXIADJ1	10	12D
SSXIADJ2	10	131
SSXIADMA	10	113
SSXIADMJ	10	112
SSXIAFG1	10	127
SSXIAGRO	10	11E
SSXIAGRP	10	11D
SSXIAGRW	10	130
SSXIAISC	10	10A
SSXIAISD	10	10C
SSXIAISO	10	10B
SSXIAMSM	10	114
SSXIANIC	10	108
SSXIANJC	10	102
SSXIANJO	10	103
SSXIANOC	10	101
SSXIANOS	10	106
SSXIANOW	10	107
SSXIANRC	10	104
SSXIANRR	10	105
SSXIANSC	10	109
SSXIANUM	10	132
SSXIAOGC	10	118
SSXIAOGP	10	12F
SSXIAOSC	10	119
SSXIAOSD	10	115
SSXIAOSO	10	120
SSXIAOSP	10	116
SSXIAOSR	10	11F
SSXIAOSS	10	11A
SSXIAOSW	10	11B
SSXIAOS1	10	122
SSXIAOS2	10	124
SSXIAOS3	10	126
SSXIAPUR	10	11C
SSXIAREA	10	12A
SSXIASAL	10	135
SSXIASIA	10	10D
SSXIASIO	10	10F
SSXIASIR	10	111
SSXIASOC	10	10E
SSXIASOO	10	110
SSXIASRD	10	134
SSXIASRO	10	133
SSXIASWC	10	121
SSXIAUDT	10	7
SSXIAUG1	10	128
SSXIAUG2	10	129
SSXIAUTH	10	1
SSXIAU01	10	1E0
SSXIAU02	10	1E1
SSXIAU03	10	1E2
SSXIAU04	10	1E3
SSXIAU05	10	1E4
SSXIAU06	10	1E5
SSXIAU07	10	1E6
SSXIAU08	10	1E7
SSXIAU09	10	1E8
SSXIAU10	10	1E9
SSXIAU11	10	1EA
SSXIAU12	10	1EB
SSXIAU13	10	1EC
SSXIAU14	10	1ED
SSXIAU15	10	1EE
SSXIAU16	10	1EF
SSXIAU17	10	1F0
SSXIAU18	10	1F1
SSXIAU19	10	1F2
SSXIAU20	10	1F3
SSXIAU21	10	1F4
SSXIAU22	10	1F5
SSXIAU23	10	1F6
SSXIAU24	10	1F7
SSXIAU25	10	1F8
SSXIAU26	10	1F9
SSXIAU27	10	1FA
SSXIAU28	10	1FB
SSXIAU29	10	1FC
SSXIAU30	10	1FD
SSXIAU31	10	1FE
SSXIAU32	10	1FF
SSXIAWD1	10	125
SSXIAWD2	10	123
SSXIBING	10	306
SSXIBINI	10	305
SSXIBISI	10	304
SSXIBISJ	10	303
SSXIBNIS	10	301
SSXIBNRS	10	302
SSXIBSAD	10	308
SSXIBSRL	10	307
SSXIBU01	10	3E0
SSXIBU02	10	3E1
SSXIBU03	10	3E2
SSXIBU04	10	3E3
SSXIBU05	10	3E4
SSXIBU06	10	3E5
SSXIBU07	10	3E6
SSXIBU08	10	3E7
SSXIBU09	10	3E8
SSXIBU10	10	3E9
SSXIBU11	10	3EA
SSXIBU12	10	3EB
SSXIBU13	10	3EC
SSXIBU14	10	3ED
SSXIBU15	10	3EE
SSXIBU16	10	3EF
SSXIBU17	10	3F0
SSXIBU18	10	3F1
SSXIBU19	10	3F2
SSXIBU20	10	3F3
SSXIBU21	10	3F4
SSXIBU22	10	3F5
SSXIBU23	10	3F6
SSXIBU24	10	3F7
SSXIBU25	10	3F8
SSXIBU26	10	3F9
SSXIBU27	10	3FA
SSXIBU28	10	3FB
SSXIBU29	10	3FC
SSXIBU30	10	3FD
SSXIBU31	10	3FE
SSXIBU32	10	3FF
SSXID	0	E2E2E740
SSXIEDJN	10	201
SSXIEISJ	10	202

Name	Hex Offset	Hex Value
SSXIENPE	10	203
SSXIEU01	10	2E0
SSXIEU02	10	2E1
SSXIEU03	10	2E2
SSXIEU04	10	2E3
SSXIEU05	10	2E4
SSXIEU06	10	2E5
SSXIEU07	10	2E6
SSXIEU08	10	2E7
SSXIEU09	10	2E8
SSXIEU10	10	2E9
SSXIEU11	10	2EA
SSXIEU12	10	2EB
SSXIEU13	10	2EC
SSXIEU14	10	2ED
SSXIEU15	10	2EE
SSXIEU16	10	2EF
SSXIEU17	10	2F0
SSXIEU18	10	2F1
SSXIEU19	10	2F2
SSXIEU20	10	2F3
SSXIEU21	10	2F4
SSXIEU22	10	2F5
SSXIEU23	10	2F6
SSXIEU24	10	2F7
SSXIEU25	10	2F8
SSXIEU26	10	2F9
SSXIEU27	10	2FA
SSXIEU28	10	2FB
SSXIEU29	10	2FC
SSXIEU30	10	2FD
SSXIEU31	10	2FE
SSXIEU32	10	2FF
SSXIEXTR	10	2
SSXIMAD1	10	416
SSXIMAD2	10	419
SSXIMCD1	10	417
SSXIMDJ1	10	411
SSXIMDM1	10	410
SSXIMINI	10	40F
SSXIMISJ	10	40D
SSXIMNIJ	10	404
SSXIMNIS	10	405
SSXIMNJJ	10	401
SSXIMNJU	10	407
SSXIMNRB	10	415
SSXIMNRJ	10	40A
SSXIMNRS	10	409
SSXIMNRT	10	40B
SSXIMNRX	10	40C
SSXIMNSD	10	402
SSXIMNSE	10	419
SSXIMNSJ	10	403
SSXIMNST	10	406
SSXIMNSX	10	408
SSXIMOSD	10	40E
SSXIMOSN	10	413
SSXIMOSO	10	412
SSXIMOS2	10	414
SSXIMSIP	10	419
SSXIMSMP	10	420
SSXIMSTP	10	418
SSXIMU01	10	4E0
SSXIMU02	10	4E1
SSXIMU03	10	4E2
SSXIMU04	10	4E3
SSXIMU05	10	4E4
SSXIMU06	10	4E5
SSXIMU07	10	4E6
SSXIMU08	10	4E7
SSXIMU09	10	4E8
SSXIMU10	10	4E9
SSXIMU11	10	4EA
SSXIMU12	10	4EB
SSXIMU13	10	4EC
SSXIMU14	10	4ED
SSXIMU15	10	4EE
SSXIMU16	10	4EF
SSXIMU17	10	4F0
SSXIMU18	10	4F1
SSXIMU19	10	4F2
SSXIMU20	10	4F3
SSXIMU21	10	4F4
SSXIMU22	10	4F5
SSXIMU23	10	4F6
SSXIMU24	10	4F7
SSXIMU25	10	4F8
SSXIMU26	10	4F9
SSXIMU27	10	4FA
SSXIMU28	10	4FB
SSXIMU29	10	4FC
SSXIMU30	10	4FD
SSXIMU31	10	4FE
SSXIMU32	10	4FF
SSXINDEX	10	0
SSXINIMD	391	40
SSXITKBL	10	3
SSXITKMP	10	4
SSXITKXT	10	5
SSXIVDJ1	10	610
SSXIVDJ2	10	611
SSXIVDJ3	10	612
SSXIVFYX	10	6
SSXIVISJ	10	60D
SSXIVNIS	10	605
SSXIVNIU	10	606
SSXIVNJE	10	601
SSXIVNJU	10	607
SSXIVNJV	10	604
SSXIVNOE	10	603
SSXIVNOI	10	602
SSXIVNRR	10	609
SSXIVNRS	10	60A
SSXIVNRU	10	60B
SSXIVRFY	10	8
SSXIVRJM	10	60E
SSXIVSNL	10	60F
SSXIVU01	10	6E0
SSXIVU02	10	6E1
SSXIVU03	10	6E2
SSXIVU04	10	6E3
SSXIVU05	10	6E4
SSXIVU06	10	6E5
SSXIVU07	10	6E6
SSXIVU08	10	6E7
SSXIVU09	10	6E8
SSXIVU10	10	6E9
SSXIVU11	10	6EA
SSXIVU12	10	6EB
SSXIVU13	10	6EC

Name	Hex Offset	Hex Value
SSXIVU14	10	6ED
SSXIVU15	10	6EE
SSXIVU16	10	6EF
SSXIVU17	10	6F0
SSXIVU18	10	6F1
SSXIVU19	10	6F2
SSXIVU20	10	6F3
SSXIVU21	10	6F4
SSXIVU22	10	6F5
SSXIVU23	10	6F6
SSXIVU24	10	6F7
SSXIVU25	10	6F8
SSXIVU26	10	6F9
SSXIVU27	10	6FA
SSXIVU28	10	6FB
SSXIVU29	10	6FC
SSXIVU30	10	6FD
SSXIVU31	10	6FE
SSXIVU32	10	6FF
SSXIXDMD	10	501
SSXIXDME	10	502
SSXIXJNW	10	503
SSXIXNUM	10	50A
SSXIXPAL	10	508
SSXIXSAD	10	509
SSXIXSAL	10	50C
SSXIXSCN	10	506
SSXIXSIA	10	504
SSXIXSIC	10	505
SSXIXSIJ	10	507
SSXIXSIR	10	50B
SSXIXU01	10	5E0
SSXIXU02	10	5E1
SSXIXU03	10	5E2
SSXIXU04	10	5E3
SSXIXU05	10	5E4
SSXIXU06	10	5E5
SSXIXU07	10	5E6
SSXIXU08	10	5E7
SSXIXU09	10	5E8
SSXIXU10	10	5E9
SSXIXU11	10	5EA
SSXIXU12	10	5EB
SSXIXU13	10	5EC
SSXIXU14	10	5ED
SSXIXU15	10	5EE
SSXIXU16	10	5EF
SSXIXU17	10	5F0
SSXIXU18	10	5F1
SSXIXU19	10	5F2
SSXIXU20	10	5F3
SSXIXU21	10	5F4
SSXIXU22	10	5F5
SSXIXU23	10	5F6
SSXIXU24	10	5F7
SSXIXU25	10	5F8
SSXIXU26	10	5F9
SSXIXU27	10	5FA
SSXIXU28	10	5FB
SSXIXU29	10	5FC
SSXIXU30	10	5FD
SSXIXU31	10	5FE
SSXIXU32	10	5FF
SSXJDEL	41D	10
SSXJNEW	41D	40
SSXJOBNM	5A	
SSXJREP	41D	20
SSXJRFL1	41C	
SSXJTYP	41D	70
SSXLCL	41C	4
SSXLGSTF	64	
SSXLGSTL	63	
SSXLGSTR	63	
SSXLOG	62	
SSXMCJES	390	4
SSXMCNTL	390	
SSXMCRTN	390	2
SSXMCWTO	390	1
SSXMODE	391	0
SSXNEVER	C	24
SSXNEWFL	41D	
SSXNFAIL	62	2
SSXNJEDH	3A0	
SSXNJEJH	39C	
SSXNONE	62	4
SSXNPASF	164	
SSXNPASL	163	
SSXNPASS	163	
SSXNSTAT	62	3
SSXNUCMD	391	80
SSXOCLSS	404	
SSXODEST	3DF	
SSXOFLAG	40D	
SSXOFLSH	3FC	
SSXOFRMS	3F4	
SSXOMDID	3E7	
SSXOMODE	405	
SSXOPRTY	3DE	
SSXORSVD	416	
SSXOSSSO	418	
SSXOSTCK	3EB	
SSXOTYPE	3EC	
SSXOUCS	400	
SSXOWTRN	40E	
SSXPASCK	16C	
SSXPASWD	16D	
SSXPASWF	16E	
SSXPASWL	16D	
SSXPCNO	16C	2
SSXPCYES	16C	1
SSXPOE	176	
SSXPRCS	41D	8
SSXPRG	41C	80
SSXPSSCS	348	
SSXPTMID	34C	
SSXPWD	41D	80
SSXRECVR	17E	
SSXREMOT	393	
SSXRJP	41C	1
SSXRMNO	393	2
SSXRMYES	393	1
SSXRORSD	420	0
SSXRORSS	430	0
SSXRTOKN	186	
SSXRWRSD	358	0
SSXRWRSF	355	0
SSXRWRSS	360	0
SSXSECLB	1D6	
SSXSFACC	7	0
SSXSFNDC	7	4

Name	Hex Offset	Hex Value
SSXSFREJ	7	8
SSXSFRET	7	0
SSXSGRP	1DE	
SSXSGRPF	1DF	
SSXSGRPL	1DE	
SSXSNODE	1E7	
SSXSNODF	1E8	
SSXSNODL	1E7	
SSXSPRET	8	0
SSXSPRSN	C	0
SSXSSEXB	354	1
SSXSSINB	354	2
SSXSSION	354	
SSXSSNJB	354	3
SSXSSNJO	354	5
SSXSSNJS	354	9
SSXSSRJB	354	4
SSXSSRJO	354	6
SSXSSSTR	354	7
SSXSSTKU	354	A
SSXSSTSO	354	8
SSXSTART	0	
SSXSTKMD	391	20
SSXSTOKN	1F0	
SSXSTPRC	37C	
SSXSUSRF	241	
SSXSUSRI	240	
SSXSUSRL	240	
SSXTKOUT	350	
SSXTOKIN	249	
SSXTOKOT	299	
SSXTRNO	2E9	2
SSXTRUST	2E9	
SSXTRYES	2E9	1
SSXTSO	41C	2
SSXUSERF	2EB	
SSXUSERI	2EA	
SSXUSERL	2EA	
SSXUSRMD	391	10
SSXUTOKN	2F3	
SSXVFCRT	10	801
SSXVFDEL	10	802
SSXVFU01	10	8E0
SSXVFU02	10	8E1
SSXVFU03	10	8E2
SSXVFU04	10	8E3
SSXVFU05	10	8E4
SSXVFU06	10	8E5
SSXVFU07	10	8E6
SSXVFU08	10	8E7
SSXVFU09	10	8E8
SSXVFU10	10	8E9
SSXVFU11	10	8EA
SSXVFU12	10	8EB
SSXVFU13	10	8EC
SSXVFU14	10	8ED
SSXVFU15	10	8EE
SSXVFU16	10	8EF
SSXVFU17	10	8F0
SSXVFU18	10	8F1
SSXVFU19	10	8F2
SSXVFU20	10	8F3
SSXVFU21	10	8F4
SSXVFU22	10	8F5
SSXVFU23	10	8F6
SSXVFU24	10	8F7
SSXVFU25	10	8F8
SSXVFU26	10	8F9
SSXVFU27	10	8FA
SSXVFU28	10	8FB
SSXVFU29	10	8FC
SSXVFU30	10	8FD
SSXVFU31	10	8FE
SSXVFU32	10	8FF
SSXVSCUR	4	1
SSXVSN	4	
SSXVSN1	4	1
SSXWJBID	3AE	
SSXWJNAM	3A6	
SSXWORKA	344	
SSXWPSLC	3A4	
SSXWPSLM	3CE	
SSX58ACC	5	0
SSX58DUM	5	14
SSX58MAX	5	14
SSX58REJ	5	8
SSX58RTN	5	
SSX58SAU	5	C
SSX58SNU	5	10
SSX58UEF	5	4
SSX59ACC	6	0
SSX59DUM	6	10
SSX59MAX	6	10
SSX59REJ	6	8
SSX59RTN	6	
SSX59SAF	6	C
SSX59UEF	6	4

IATYSTA Programming Interface information

Programming Interface information

IATYSTA

End of Programming Interface information

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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 IATYMPC
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
  $RC= SP110 HJS6601 950615 PD0VW: SP 1.1.0 SHOWHDR RUN
  $RW= WLMBATCH HJS6608 980729 PD0RF: OS 2.8.0
-----------------------------------------------------------
     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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- SEL/STAR Request Types ----------	
				End of Comment	
		1...		STAWAIT	"X'80'" Wait request
		.1..		STAREPLY	"X'40'" Reply request
		..1.		STACOMM	"X'20'" Communication request
		...1		STAACK	"X'10'" Acknowledgement request
		.... 1...		STARESP	"X'08'" Response request
		.... .1..		STAPURG	"X'04'" Purge request
		.... ..1.		STAEOMT	"X'02'" EOM/T request
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
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...		STAIPLD	"X'08'" SA from an IPL'd local
63	(3F)	BITSTRING	1	STAFLAG4	Flag Byte 4

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				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
		.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	STAHDLEN	"*-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-STAHDLEN" 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	
					MDSZE = 4080 - (IOSBE-IOSB+SRBE-SRB+STAHDLEN)
				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-STAHDLEN" Maximum amount of data supported by JESXCF that can be transported in a staging area

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

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	Hex Offset	Hex Value
STAACK	2C	10
STABFLEN	C	0
STACHAIN	0	0
STACOMM	2C	20
STACOMP	40	8
STACTIVE	40	80
STADATA	5E	
STADSECT	0	
STADSZE	60	3A2
STADTMDS	40	20
STADYNQD	40	40
STAEND	60	400
STAENVEL	1A	0
STAEOMT	2C	2
STAFLAGA	3C	
STAFLAG1	3C	0
STAFLAG2	3D	0
STAFLAG3	3E	0
STAFLAG4	3F	0
STAFSAID	2A	0
STAFSID	28	
STAFSSID	28	0
STAFUNC	2D	0
STAGCC	3D	20
STAGEND	400	
STAGSIZE	400	400
STAHDLEN	5C	5E
STAID	8	E2E3C1D9
STAINCOM	40	2
STAIPLD	3E	8
STAJES3	3C	40
STALTEST	400	
STAMDSZE	60	EBA
STAMOD	2E	0
STAMTOKN	1C	0
STAMXDSZ	400	EA02
STAPREV	4	0
STAPRTY	31	0
STAPURG	2C	4
STARECL	5E	0
STARECUR	40	10
STAREID	2F	0
STAREPLY	2C	40
STARESP	2C	8
STARESU	50	0
STARMPC	10	0
STARSDH	5C	0
STARSDL	3E	80
STARSDV	54	0
STARSNT	3E	40
STARSVDC	14	0
STARSVS1	41	0
STASDAT	60	40404040
STASEAID	18	0
STASEC	28	
STASECL	3E	
STASEID	30	0
STASIZE	60	400
STATCBAD	15	
STATIMES	44	0
STATJES3	3C	80
STATODC	48	0
STATYPE	2C	0
STAUFLG	40	0
STAULEN	5C	3A2
STAUWK	24	0
STAWAIT	2C	80
STAXRSD1	32	0
STAXRSD2	34	0
STAXRSS	38	0

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.

Comment

```
-------------------------------------------------------------
```

End of Comment

21	(15)	BITSTRING	1	STTRSVU	RESERVED FOR USER
22	(16)	SIGNED	2	STTRSVD	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

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IATYSTT Cross Reference

Offsets Dec	Offsets 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
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...		STTBDTRK	"X'80'" BADTRACK FOR THIS EXTENT
		.1..		STTDRAIN	"X'40'" DRAINED STT ENTRY

Comment

```
-------------------------------------------------------------
```

End of Comment

20	(14)	X'15'	0	STTBITS	"*" START OF BIT MAP
20	(14)	X'15'	0	STTFIXL	"STTBITS-STTENTRY" SIZE OF FIXED AREA.

IATYSTT Cross Reference

Name	Hex Offset	Hex Value
STTAVAIL	C	
STTBDTRK	14	80
STTBITS	14	15
STTCKEXT	14	40
STTDRAIN	14	40
STTEFLG1	14	
STTENTRY	0	
STTERSVD	4	
STTFIXL	14	15
STTFLG1	14	
STTHDEND	16	18
STTHDSZ	16	18
STTID	0	
STTJCT	14	80
STTLEN	10	
STTNEXT	4	
STTNSTT	12	
STTPRIM	14	20
STTRECCT	0	
STTRSVD	16	
STTRSVU	15	
STTSCAN	C	
STTSCANL	10	
STTSIZE	8	
STTSPADR	6	
STTSPMOD	6	6
STTSPREC	6	8
STTSTART	0	

IATYSUP Programming Interface information

Programming Interface information

IATYSUP

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

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

End of Programming Interface information

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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 im 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
SUPTYPCH in IATYSUP
PRSUPADD in IATYTPR
TPSUPADD in IATYTPR
PRTAB in IATYTVT
PUNTAB in IATYTVT
RJDISUP in IATYRJDI
SUPUNITS in IATYTVT
SYSTAB in IATYTVT
WSBSUPAD in IATYWSB
WSPASUP in IATYWSP
WTRDINTS in IATYWTR
WTRDSUPI in IATYWTR
WTRDSUPO in IATYWTR
WTROSUPO in IATYWTR
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

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

```
 IATYCNDB_1:;
 START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
  5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
  STATUS= HJS6604
  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 Distribution Library: AJES3MAC
  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
      CASE/390 - VERSION 49
   END OF SPECIFICATIONS
 %
```

End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
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.		SUPFL0VF	"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.		SUPFL0ED	"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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
161	(A1)	BITSTRING	1	SUPFLAG2	SUPUNITS FLAG 2
					Comment

					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		SUPRJPAB	"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
					Comment

					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	SUPSNA	"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		SUPRJPAC	"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
					Comment

					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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				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...		SUPDEFSM	"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
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'" CLRPRT 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 Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.... 1...		SUPAFP1	"X'08'" AFP1-COMPATIBLE DEVICE
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
		1		SUPTMOEX	"X'01'" The timeout value for DYN was explicitly specified
262	(106)	BITSTRING	1	SUPFSFLG	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
272	(110)	SIGNED	4	SUPNPRO	RUN-OUT INTERVAL IN SECONDS ZERO = IMMEDIATE RUN-OUT 9

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
276	(114)	BITSTRING	16	SUPSCHED	SCHEDULING CRITERIA
292	(124)	BITSTRING	37	SUPCLASS	SYSOUT CLASSES FOR SCHDULNG 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

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

380	(17C)	SIGNED	4	SUPFSTAB (0)	START OF FSS DEVICE TABLE - ENTRIES FOR EACH MAINPROC
380	(17C)	CHARACTER	4	SUPFSADR	DEVICE NUMBER ON MAIN PROCESSOR OR X'00'S IF NON-UCB ATTACHED
384	(180)	BITSTRING	1	SUPFSFL1	FLAG BYTE FOR OFFLINE AND SHARE STATUS
385	(181)	BITSTRING	3	SUPRSVD3	RESERVED FOR DEVELOPMENT

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

Comment

```
 IATYCNDB_1:;
 START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
  5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
  STATUS= HJS6604
  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 Distribution Library: AJES3MAC
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
 CASE/390 - VERSION 49
END OF SPECIFICATIONS
%
```

End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
388	(184)	SIGNED	4	SUPFCNDB (0)	IATYCNDB.27: based variable for storage mapping
388	(184)	SIGNED	4		Four byte console id 0176
392	(188)	CHARACTER	4		IATYCNDB eyecatcher
396	(18C)	ADDRESS	4		IATYCNDB version
400	(190)	BITSTRING	8		Reserved for development
408	(198)	BITSTRING	8		Console Name 0176
416	(1A0)	BITSTRING	24		Reserved for development
440	(1B8)	SIGNED	2		Reserved for development
442	(1BA)	BITSTRING	40		Reserved for development
482	(1E2)	SIGNED	2	SUPFSTND (0)	END FSS DEVICE TABLE ENTRY
482	(1E2)	X'66'	0	SUPFSTLN	"SUPFSTND-SUPFSTAB" LENGTH OF FSS DEVICE TABLE ENTRY
380	(17C)	BITSTRING	1		RESERVE TABLE STORAGE

Comment

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

End of Comment

3644	(E3C)	SIGNED	4	SUPFSEND (0)	END OF FSS VARIABLE SEGMENT
3644	(E3C)	X'CDC'	0	SUPFSLEN	"SUPFSEND-SUPFSSEG" LENGTH OF FSS VARIABLE SEG
3644	(E3C)	BITSTRING	1	SUPFSSIZ (0)	TOTAL SUPUNIT LENGTH

IATYSUP Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
SUPADD	24		SUPDD	8	
SUPAFP1	104	8	SUPDEFSM	AA	8
SUPALLOC	A0	4	SUPDEVAD	2C	
SUPAMBIG	A9	20	SUPDGRPY	105	10
SUPASNRQ	AA	10	SUPDIAG	C6	1
SUPBTS	D9	E2	SUPDVAD2	34	
SUPBTSS	C6	80	SUPDVASG	106	80
SUPBURST	C5	20	SUPDVAVL	C6	2
SUPCARR	EC		SUPDYNAD	AA	80
SUPCFS	D9	C3	SUPDYNCU	AA	40
SUPCGS2	C6	40	SUPDYNFS	AA	20
SUPCHAIN	18		SUPENTIT	149	
SUPCHNSZ	AC		SUPESADR	9B	0
SUPCHOR	A9	80	SUPFCKPT	FC	
SUPCKPNT	DA		SUPFCNDB	184	
SUPCKPTP	105	8	SUPFDENS	9A	10
SUPCKPTS	105	4	SUPFEND	B8	
SUPCLASS	124		SUPFLAGS	A0	
SUPCLPRD	C4	1	SUPFLAGX	A3	
SUPCLPRJ	C4	2	SUPFLAG0	9A	0
SUPCMFLG	104		SUPFLAG1	A0	
SUPCMSET	C4	10	SUPFLAG2	A1	
SUPCNDB	38		SUPFLAG3	A8	
SUPCONAL	A1	4	SUPFLAG4	A9	
SUPCONDV	A1	8	SUPFLAG5	AA	0
SUPCTSET	C4	4	SUPFLASH	F4	
SUPDCB	30		SUPFLSET	C4	20
SUPDCT	24		SUPFL0ED	9A	2

Name	Hex Offset	Hex Value
SUPFL0VF	9A	20
SUPFORMS	B8	
SUPFRSET	C4	80
SUPFSADR	17C	
SUPFSAPT	16C	
SUPFSCMK	179	
SUPFSDNR	106	1
SUPFSEND	E3C	
SUPFSFLG	106	
SUPFSFL1	180	
SUPFSFL2	15C	
SUPFSINT	106	8
SUPFSIZE	B8	
SUPFSLEN	E3C	CDC
SUPFSNAM	160	
SUPFSPCT	170	
SUPFSPPT	171	
SUPFSRS1	17A	
SUPFSS	A9	10
SUPFSSEG	160	
SUPFSSIZ	E3C	
SUPFSSO	A9	2
SUPFSSPT	168	
SUPFSTAB	17C	
SUPFSTLN	1E2	66
SUPFSTND	1E2	
SUPF0BEX	9A	40
SUPF0EX	9A	80
SUPF2R01	15C	1
SUPF2R02	15C	2
SUPF2R04	15C	4
SUPF2R08	15C	8
SUPF2R10	15C	10
SUPF2R20	15C	20
SUPGPASG	A0	8
SUPGROUP	10	
SUPGRPCH	20	
SUPHEADR	C5	40
SUPHWWQ	107	40
SUPIDLE	107	80
SUPINCNT	D8	
SUPJUNIT	A8	8
SUPLNMAX	C5	8
SUPLRECL	98	0
SUPMARK	C5	2
SUPMCOMP	106	20
SUPMFSS	106	40
SUPMODID	F8	
SUPMODRC	C7	
SUPNDYNC	105	20
SUPNJESN	A9	40
SUPNNPRO	105	40
SUPNOSET	105	2
SUPNPRO	110	
SUPNTRDY	A3	80
SUPNUCB	106	10
SUPOFFLN	A0	80
SUPOFFP	A9	1
SUPOPLOG	15C	80
SUPOPSPC	15C	40
SUPPDALL	9A	8
SUPPDCHR	106	4
SUPPDFCB	106	2
SUPPGLIM	108	
SUPPGMAX	105	80
SUPPMCT	C8	
SUPPMPT	C9	
SUPPON	A0	10
SUPPPS	C6	8
SUPPREND	160	
SUPPRFL1	C4	
SUPPRFL2	C5	
SUPPRFL3	C6	
SUPPRFL4	105	
SUPPRFL5	107	
SUPPRLNL	D4	
SUPPRMAN	C5	10
SUPPRSET	C5	4
SUPPRSIZ	160	
SUPPWTR	A0	1
SUPP5R01	107	1
SUPP5R02	107	2
SUPP5R04	107	4
SUPP5R08	107	8
SUPP5R10	107	10
SUPP5R20	107	20
SUPRAVAL	A8	4
SUPRJBST	A1	1
SUPRJPAB	A1	10
SUPRJPAC	A8	10
SUPRJPAL	A1	20
SUPRJPDV	A1	40
SUPRJPLN	A1	80
SUPRJPOF	A0	40
SUPRSVDU	9C	
SUPRSVD1	AB	
SUPRSVD2	AE	
SUPRSVD3	181	
SUPRSVD4	A2	
SUPRSVR1	34	
SUPRSVS1	A4	
SUPRSVS2	B0	
SUPRSVS4	FE	
SUPRSVU2	B4	
SUPRSV01	15D	
SUPRSV02	D1	
SUPSCHED	114	
SUPSETUP	C5	1
SUPSHARE	A0	20
SUPSNA	A8	A8
SUPSNADV	A8	80
SUPSNAEJ	A8	20
SUPSNANS	A8	40
SUPSNBDS	A3	40
SUPSTACK	D9	
SUPSTART	0	
SUPSTSET	C4	8
SUPSWTR	A9	4
SUPSYSIX	24	26
SUPTABRC	C0	
SUPTGEN	0	
SUPTMOEX	105	1
SUPTMOUT	10C	
SUPTOTL	96	
SUPTRSET	C4	40
SUPTRTAB	C0	
SUPTSPEC	3	
SUPTYPCH	1C	
SUPTYPE	0	
SUPUCB	28	

Name	Hex Offset	Hex Value
SUPUCB2	30	
SUPUCS	DC	
SUPUCSOP	C6	20
SUPVRSET	A9	8
SUPWAREA	100	
SUPWTRE	C6	10
SUPWTRTM	A1	2
SUPXLATE	C5	80
SUP3211	104	80
SUP3211W	A0	2
SUP3525R	C6	4
SUP3800	104	20
SUP3820	104	10
SUP4245	104	40

IATYSVT Programming Interface information

Programming Interface information

IATYSVT

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

- SSVTFCOD
- SSVTFNUM
- SSVTFRTN
- SVTABEND
- SVTABIP
- SVTACBAD
- SVTACQQ
- SVTBALJC
- SVTBALP
- SVTCMTR
- SVTCNDS
- SVTCNNF
- SVTDLOG
- SVTDMBS
- SVTDMCFX
- SVTDMCPG
- SVTDMCSZ
- SVTDMDK
- SVTDMDKG
- SVTDMDKP
- SVTDMDKR
- SVTDMDM
- SVTDMDS
- SVTDMDSL
- SVTDMDSS
- SVTDMEB
- SVTDMEBA
- SVTDMEBM
- SVTDMEBS
- SVTDMFR
- SVTDMFRM
- SVTDMGR
- SVTDMIT
- SVTDMUB
- SVTDSDOM
- SVTDULST
- SVTERRQ
- SVTERRWK
- SVTGRAS
- SVTGRRL
- SVTGRSC
- SVTGRSP
- SVTIIII
- SVTJSTKN
- SVTJTOKN
- SVTJ3PST
- SVTLSDSK
- SVTMCTRA
- SVTMGR
- SVTOSDI
- SVTOSENF
- SVTPBFIX
- SVTPLEXS
- SVTPRSP
- SVTPTBF
- SVTPTIM
- SVTRMVT
- SVTROUT
- SVTRSVS2
- SVTSAMPA
- SVTSAR
- SVTSCCLN
- SVTSCMSG
- SVTSDA
- SVTSETNM
- SVTSETUN
- SVTSIADA
- SVTSIADD
- SVTSIADU
- SVTSIAI
- SVTSIBD
- SVTSIBS
- SVTSICA
- SVTSICA2
- SVTSICA3
- SVTSICCH
- SVTSICCL
- SVTSICD
- SVTSICF
- SVTSICN
- SVTSIDD
- SVTSIDR
- SVTSIDR2
- SVTSIDR3
- SVTSIDR4
- SVTSIEM
- SVTSIES
- SVTSIJR2
- SVTSIJS
- SVTSIJSD
- SVTSIJSE
- SVTSIJSJ
- SVTSIJSQ
- SVTSIJSR
- SVTSIJST
- SVTSIJT2
- SVTSINQ
- SVTSINU
- SVTSIODA
- SVTSIODC
- SVTSIODL
- SVTSIODO
- SVTSIODS
- SVTSIOP
- SVTSIORI
- SVTSIORO
- SVTSIORR
- SVTSIPJ
- SVTSIPT
- SVTSISA
- SVTSISO
- SVTSIST
- SVTSITS
- SVTSIVI
- SVTSIVL
- SVTSIVR
- SVTSIWO
- SVTSIWOL
- SVTSI34
- SVTSQE
- SVTSSCM
- SVTSSJM
- SVTSSRE
- SVTSYSTS
- SVTSYSUN
- SVTUCN
- SVTUX32
- SVTUX57
- SVTUX58
- SVTUX59
- SVTXSQE
- SVTXTRC
- SVT0
- SVT3713I
- SVT6350I
- SVT6351I
- SVT6353I

End of Programming Interface information

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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	Offsets 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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
2	(2)	ADDRESS	2		NO. SUPPORTED FUNCTIONS

Comment

```
-----------------------------------------------------------------
          FUNCTION CODE LIST FOR JES3 SSVT MATRIX
-----------------------------------------------------------------
```

End of Comment

4	(4)	ADDRESS	1		1 SYSOUT
5	(5)	ADDRESS	1		2 CANCEL
6	(6)	ADDRESS	1		3 JOB STATUS
7	(7)	ADDRESS	1		4 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 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 ATTRIBUTE
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
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 INFO0077
58	(3A)	ADDRESS	1		55 UNSUPPORTED - SMS SERV.
59	(3B)	ADDRESS	1		56 SMS TO JES3 COMMUNICATION
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	(7)	65-71 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 ROUTER
79	(4F)	ADDRESS	1		76 Unsupported
80	(50)	ADDRESS	1		77 Persistent JCL
81	(51)	ADDRESS	1		78 Unsupported

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
82	(52)	ADDRESS	1		79 Client/Server Output
83	(53)	ADDRESS	1		80 Enhanced Status 0034
84	(54)	BITSTRING	1	(0)	END OF SUBSYSTEM INTERFACE MATRIX

Comment

```
-----------------------------------------------------------------
          JES3 ADCON LIST FOR SUPPORTED FUNCTIONS
-----------------------------------------------------------------
```

End of Comment

84	(54)	X'100'	0	SVT0	"SSVTFRTN-4" OFFSET START FOR MATRIX VECTORS
260	(104)	CHARACTER	4	SVTSIOP	1 SYSOUT
264	(108)	CHARACTER	4	SVTSICN	2 CANCEL
268	(10C)	CHARACTER	4	SVTSIST	3 JOB STATUS
272	(110)	ADDRESS	4	SVTSIJSE	4 EOT
276	(114)	CHARACTER	4	SVTSIJS	5 JOB SELECT 4 12 13 20 21
280	(118)	CHARACTER	4	SVTSIADA	6 ALLOCATION
284	(11C)	ADDRESS	4	SVTSIADU	7 UNALLOCATION
288	(120)	CHARACTER	4	SVTSIEM	8 EOM
292	(124)	CHARACTER	4	SVTSIWO	9 WTO/WTOR
296	(128)	CHARACTER	4	SVTSI34	10 CMND PROCESSING (SVC34)
300	(12C)	CHARACTER	4	SVTSIVL	11 REMOTE DEST VALIDITY CHEK
304	(130)	ADDRESS	4	SVTSIJST	12 JOB DELETION
308	(134)	ADDRESS	4	SVTSIJSR	13 JOB RE-ENQUEUE
312	(138)	ADDRESS	4	SVTRSVDR	Reserved for development
316	(13C)	CHARACTER	4	SVTSIORO	16 OPEN
320	(140)	CHARACTER	4	SVTSICCL	17 CLOSE
324	(144)	ADDRESS	4	SVTSICCH	18 CHECKPOINT
328	(148)	ADDRESS	4	SVTSIORR	19 RESTART
332	(14C)	ADDRESS	4	SVTSIJSQ	20 REQUEST JOB ID
336	(150)	ADDRESS	4	SVTSIJSJ	21 RETURN JOB ID
340	(154)	CHARACTER	4	SVTSIBS	22 STEP INITIATION
344	(158)	ADDRESS	4	SVTSICA3	23 DYNAMIC ALLOCATION
348	(15C)	CHARACTER	4	SVTSICA	24 COMMON ALLOCATION
352	(160)	ADDRESS	4	SVTSICA2	25 COMMON UNALLOCATION
356	(164)	CHARACTER	4	SVTSIDD	26 CHANGE DDNAME
360	(168)	CHARACTER	4	SVTSINQ	27 CHANGE ENQ USE ATTRIBUTE
364	(16C)	CHARACTER	4	SVTSIDR	28 DDR CANDIDATE SELECTION
368	(170)	ADDRESS	4	SVTSIDR2	29 DDR CANDIDATE VERIFICATIO
372	(174)	ADDRESS	4	SVTSIDR3	30 DDR SWAP NOTIFICATION
376	(178)	ADDRESS	4	SVTSIDR4	31 DDR SWAP COMPLETE
380	(17C)	CHARACTER	4	SVTSICF	32 SVC34 COMMAND FAIL
384	(180)	ADDRESS	4	SVTRSVDY	Reserved for development
388	(184)	ADDRESS	4	SVTSIWOL	34 WRITE TO LOG
392	(188)	ADDRESS	4	SVTRSVDB (3)	Reserved for development 2
404	(194)	CHARACTER	4	SVTSIVR	40 EARLY VOLUME RELEASE
408	(198)	CHARACTER	4	SVTSICD	53 FSS/FSA CONNECT/DISCON #175
412	(19C)	CHARACTER	4	SVTSIVI	54 SUBSYSTEM VERSION INFO 0077
416	(1A0)	CHARACTER	4	SVTSISA	56 SMS TO JES3 COMMUNICATION (JES3 SPOOL ACCESS FACILTY)
420	(1A4)	CHARACTER	4	SVTSIBD	62 BDT SUBSYSTEM
424	(1A8)	CHARACTER	4	SVTSITS	64 TRANSACTION PROCESSING
428	(1AC)	CHARACTER	4	SVTSIPT	72 VARY PATH CALL
432	(1B0)	CHARACTER	4	SVTSINU	75 NOTIFY-USER MSG ROUTER
436	(1B4)	CHARACTER	4	SVTSIPJ	77 Persistent JCL Interface
440	(1B8)	CHARACTER	4	SVTSISO	79 SYSOUT Application Programming Interface
444	(1BC)	CHARACTER	4	SVTSIES	80 Enhanced Status 0034
444	(1BC)	X'1C0'	0	SVTSIEND	"*" END OF SUPPORTED FUNCTIONS 2
448	(1C0)	ADDRESS	4	SVTRSVDZ (2)	Reserved for development

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- 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	SVTSIODL	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
608	(260)	X'264'	0	SVTADEND	"*" END OF ADCONS
612	(264)	ADDRESS	4	SVTSIJSD	IATSIJS Deselect routine

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
616	(268)	ADDRESS	4	SVTGRMVD	Multi-version data service
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	SIJSCLJM Entry point 0079

Comment

```
SVTYMOD IATYMOD BR=NO,ID=IATSSVT IATYMOD EYE CATCHER
          JES3 MODULE ENTRY POINT IDENTIFIER
01 Change Activity:
  $RJ=OS240 HJS6604 960522 PD0DR: OS 2.4.0
```

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)	ADDRESS	2	SVTSIZA	PTR TO LAST ADCON
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	SVTDMDSS	ADDR OF GLB STOR GET/FREEMN
728	(2D8)	ADDRESS	4	SVTDMEBA	ADDR OF USER BUFFR ALLOCATOR
732	(2DC)	ADDRESS	4	SVTDMEBM	JES3SDM RESOURCE MANAGER
736	(2E0)	ADDRESS	4	SVTDMEBS	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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
784	(310)	ADDRESS	4	SVTXCFTL	JESXCF data space token list pointer

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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
872	(368)	ADDRESS	4	SVTJ3PST	ADDR OF POSTJES3 RTN
876	(36C)	ADDRESS	4	SVTDYD	ADDR OF IATDYD (DYNAL DSNS)
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

A POINTER TO RESOURCE MONITORING VECTOR TABLE (RMVT)

End of Comment

912	(390)	SIGNED	4	SVTRSVS1	Reserved for Service

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	SVTPBFIX	ADDR. OF 1ST NON-PAGE FIXED PBUF
		1...		SVTPBAUX	"X'80'" ON IF SVTPBFIX 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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- STAGING AREA MANAGEMENT FLAG ----------
					End of Comment
932	(3A4)	SIGNED	4	(0)	ALIGN SVTSAFLG TO FULL WORD
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	SVTWISEQ	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

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

Comment

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

End of Comment

1014	(3F6)	BITSTRING	1	SVTFLAGJ	FLAGS
		1...		SVTSMSRS	"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		SVTFLJ10	"X'10'" RESERVED FLAG
		.... 1...		SVTFLJ08	"X'08'" RESERVED FLAG
		.... .1..		SVTFLJ04	"X'04'" RESERVED FLAG
		.... ..1.		SVTFLJ02	"X'02'" RESERVED FLAG
		1		SVTFLJ01	"X'01'" RESERVED FLAG
1015	(3F7)	BITSTRING	1	SVTRESD1	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)	SIGNED	4	SVTRSVS5	Reserved for IBM
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	SVTCTF	CONCMD FCT ECF 0172
		.1..		SVTCTFCM	"X'40'" SVC 34 POST 0172
		.... 1...		SVTCTFJ3	"X'08'" JES3 BUFFERS AVAILABLE 0172
1041	(411)	BITSTRING	1	SVTRESD2 (3)	RESERVED FOR DEVELOPMENT 0172
1044	(414)	ADDRESS	4	SVTDULST	POINTER TO DUMP LIST
1048	(418)	ADDRESS	4	SVTDMRN	IATDMRN entry point 2

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
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
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)	SIGNED	4	SVTRESS1	RESERVED FOR SERVICE
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)	SIGNED	4	SVTRSVD8 (10)	Reserved for IBM

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.
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)	

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

```
-------------------------------------------------------------
   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.
-------------------------------------------------------------
```

End of Comment

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

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

					GTF Trace Id Flags.
					Flags for trace records that are no longer supported
					are not listed. Therefore, the trace ids may not
					be consecutive.

				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
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..		SVTGLOBL	"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.		SVTRS102	"X'02'" Reserved for development 0003
		1		SVTNOMCS	"X'01'" BYPASS MCS PROCESSING
				Comment	

					SVTFLAG2 MUST BE CHANGED USING COMPARE/SWAP
					ONLY, TO INSURE SERIALIZATION.

				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
		...1		SVTMDSTB	"X'10'" MDS TABLES HAVE BEEN BUILT
		.... 1...		SVTMDACT	"X'08'" SETUP ACTIVE

IATYSVT Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.... .1..		SVTSVRYL	"X'04'" VARYL PROCESSING ENABLED *C VARYL WILL RESET THIS BIT 2
		.... ..1.		SVTXCFMD	"X'02'" JESXCF MDB constraint
		1		SVTWTOBF	"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

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	SVTRSVD6 (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	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
SSVT	0		SVTBUFSZ	4A8	0
SSVTBEGN	0	0	SVTCASID	2AA	8000
SSVTFCOD	4		SVTCIFSS	538	80
SSVTFNUM	2		SVTCMDLN	43C	0
SSVTFRTN	104		SVTCMTR	3F0	
SSVTFSIZ	4	104	SVTCNDS	260	C3D5C4E2
SSVTRSV1	0		SVTCNFLG	538	0
SSVTSIZE	504	504	SVTCNF01	538	1
SVTABEND	2B0		SVTCNF02	538	2
SVTABFG	535	80	SVTCNF04	538	4
SVTABIP	238	C1C2C9D7	SVTCNF08	538	8
SVTABNP	535	4	SVTCNF10	538	10
SVTACBAD	374		SVTCNF20	538	20
SVTACQQ	370		SVTCNF40	538	40
SVTADEND	260	264	SVTCNNF	3AC	
SVTASCB	2B4		SVTCPID	3E0	0
SVTASID	2A4	0	SVTCSASP	3A4	4
SVTASIDL	2A4		SVTCSF	3F4	0
SVTATECB	33C	0	SVTCSFAV	3F4	4
SVTATPST	537	80	SVTCSFGP	3F4	10
SVTBALJC	330	0	SVTCSFJ3	3F4	8
SVTBALP	2B8		SVTCSFSA	3F4	2

Name	Hex Offset	Hex Value
SVTCSFWO	3F4	80
SVTCSR01	3F4	1
SVTCSR20	3F4	20
SVTCSR40	3F4	40
SVTCTF	410	0
SVTCTFCM	410	40
SVTCTFJ3	410	8
SVTDATSZ	4B8	0
SVTDLMSK	4B4	0
SVTDLOG	2C0	
SVTDMBS	200	C4D4C2E2
SVTDMCFX	39C	
SVTDMCPG	3A0	0
SVTDMCSZ	3A2	0
SVTDMDK	1EC	C4D4C4D2
SVTDMDKG	2CC	
SVTDMDKP	2C4	
SVTDMDKR	2C8	
SVTDMDM	1F0	C4D4C4D4
SVTDMDS	1F4	C4D4C4E2
SVTDMDSL	2D0	
SVTDMDSM	448	
SVTDMDSS	2D4	
SVTDMEB	1F8	C4D4C5C2
SVTDMEBA	2D8	
SVTDMEBD	440	
SVTDMEBM	2DC	
SVTDMEBS	2E0	
SVTDMEBW	444	
SVTDMFR	1FC	C4D4C6D9
SVTDMFRM	2E4	
SVTDMGR	258	C4D4C7D9
SVTDMIT	22C	C4D4C9E3
SVTDMITM	44C	
SVTDMRN	418	
SVTDMUB	228	C4D4E4C2
SVTDSDOM	360	0
SVTDSI	535	20
SVTDSQ	2E8	
SVTDSSFD	340	40
SVTDSSFR	340	80
SVTDSSGR	340	1
SVTDSSGT	340	0
SVTDSU58	3F5	8
SVTDSU59	3F5	4
SVTDULST	414	
SVTDYD	36C	
SVTECBX	2EC	
SVTENCTL	1C8	0
SVTENFRW	1CC	
SVTENWRK	1C8	
SVTERRQ	2F0	
SVTERRWK	2F4	
SVTFDSSQ	4F0	0
SVTFLAGC	3F5	0
SVTFLAGJ	3F6	0
SVTFLAG1	535	0
SVTFLAG2	536	0
SVTFLAG3	537	0
SVTFLJ01	3F6	1
SVTFLJ02	3F6	2
SVTFLJ04	3F6	4
SVTFLJ08	3F6	8
SVTFLJ10	3F6	10
SVTGLOBL	535	40

Name	Hex Offset	Hex Value
SVTGRAS	25C	C7D9C1E2
SVTGRMVD	268	
SVTGRRL	248	C7D9D9D3
SVTGRSC	24C	C7D9E2C3
SVTGRSP	274	
SVTGTRF	52D	
SVTGTRF1	52D	0
SVTGTRF2	52E	0
SVTGTRF3	52F	0
SVTGTRF4	530	0
SVTG001	52D	80
SVTG002	52D	40
SVTG003	52D	20
SVTG005	52D	10
SVTG006	52D	8
SVTG008	52D	4
SVTG009	52D	2
SVTG011	52D	1
SVTG012	52E	80
SVTG014	52E	40
SVTG015	52E	20
SVTG016	52E	10
SVTG017	52E	8
SVTG018	52E	4
SVTG019	52E	2
SVTG020	52E	1
SVTG021	52F	80
SVTG022	52F	40
SVTG023	52F	20
SVTG024	52F	10
SVTG025	52F	8
SVTG026	52F	4
SVTHRMPP	3F5	20
SVTID	29C	27F
SVTIIII	204	C9C9C9C9
SVTINSAV	4A8	
SVTIOPRM	2F8	
SVTISJES	318	
SVTISRS	506	0
SVTISUSR	314	
SVTJBUFS	508	0
SVTJCNT	4D4	0
SVTJESIN	3F5	40
SVTJESUP	3F5	80
SVTJSTCB	2FC	
SVTJSTKN	3D0	0
SVTJS3NM	2AC	40404040
SVTJTOKN	42C	0
SVTJXGNM	388	40404040
SVTJXGT	37C	0
SVTJ3ECB	4E0	0
SVTJ3PST	368	
SVTLCMD	3DC	
SVTMAXRL	50A	0
SVTMAXSL	4C4	2710
SVTMCTRA	3B0	
SVTMDACT	536	8
SVTMDCR	428	
SVTMDSTB	536	10
SVTMEMD	300	
SVTMEMF	536	20
SVTMGR	304	
SVTMLRL	4B0	0
SVTMPACT	308	
SVTMPCDA	30C	

Name	Hex Offset	Hex Value
SVTMPCFD	46C	
SVTMPCPV	468	
SVTMPGBL	364	
SVTMUBLH	4AC	4AE
SVTMUBLN	4AC	0
SVTMXSRB	4A0	4A0
SVTNBFPG	50C	0
SVTNITID	320	0
SVTNOMCS	535	1
SVTNSRBS	514	0
SVTOLIM	4BC	FFFFFF
SVTOSDI	208	D6E2C4C9
SVTOSENF	3A8	
SVTPBAUX	398	80
SVTPBCNT	498	49C
SVTPBCOM	4A0	4A4
SVTPBFIX	398	
SVTPBQ	498	0
SVTPBUFQ	498	498
SVTPBUFS	50E	0
SVTPCDP	394	
SVTPCHIN	510	C8
SVTPFECB	4D0	0
SVTPLEXS	3E8	
SVTPRSP	420	0
SVTPRTIN	512	BB8
SVTPTBF	424	0
SVTPTIM	41C	0
SVTQUFG	535	10
SVTRAGNO	52C	
SVTRDSRB	3EC	
SVTREFSG	26C	
SVTREFSS	218	
SVTREGLB	220	
SVTREGMS	214	
SVTRESD1	3F7	0
SVTRESD2	411	0
SVTRESRB	21C	
SVTRESS1	450	0
SVTRESU1	454	0
SVTRESV1	4C3	
SVTRESV2	4C8	0
SVTRMFF	4CC	FFFFFFFF
SVTRMLOC	328	
SVTRMUCT	32C	0
SVTRMVT	328	
SVTROUT	3F8	0
SVTRSC01	3F5	1
SVTRSC02	3F5	2
SVTRSC10	3F5	10
SVTRSF02	3A4	2
SVTRSVDB	188	
SVTRSVDR	138	
SVTRSVDY	180	
SVTRSVDZ	1C0	
SVTRSVD2	504	0
SVTRSVD3	4DC	0
SVTRSVD4	4F4	0
SVTRSVD5	520	0
SVTRSVD6	53B	0
SVTRSVD7	4E4	0
SVTRSVD8	470	0
SVTRSVD9	531	0
SVTRSVS1	390	0
SVTRSVS2	23C	
SVTRSVS3	3A5	0
SVTRSVS4	4ED	0
SVTRSVS5	408	0
SVTRSVS6	518	0
SVTRSVS7	539	0
SVTRSVU4	4FC	0
SVTRSVU5	526	0
SVTRSVU6	53E	0
SVTRS102	535	2
SVTRS280	536	80
SVTSACNT	380	0
SVTSAFLG	3A4	0
SVTSAMAX	384	0
SVTSAMPA	378	
SVTSAR	40C	
SVTSCCLN	1D4	
SVTSCMSG	1D0	
SVTSDA	31C	
SVTSEND	540	
SVTSETNM	334	
SVTSETUN	338	
SVTSIADA	118	E2C9C1C4
SVTSIADD	344	
SVTSIADU	11C	
SVTSIAI	244	E2C9C1C9
SVTSIBD	1A4	E2C9C2C4
SVTSIBS	154	E2C9C2E2
SVTSICA	15C	E2C9C3C1
SVTSICA2	160	
SVTSICA3	158	
SVTSICCH	144	
SVTSICCL	140	E2C9C3C3
SVTSICD	198	E2C9C3C4
SVTSICF	17C	E2C9C3C6
SVTSICN	108	E2C9C3D5
SVTSIDD	164	E2C9C4C4
SVTSIDR	16C	E2C9C4D9
SVTSIDR2	170	
SVTSIDR3	174	
SVTSIDR4	178	
SVTSIEM	120	E2C9C5D4
SVTSIEND	1BC	1C0
SVTSIES	1BC	E2C9C5E2
SVTSIJR2	234	
SVTSIJS	114	E2C9D1E2
SVTSIJSC	278	
SVTSIJSD	264	
SVTSIJSE	110	
SVTSIJSJ	150	
SVTSIJSQ	14C	
SVTSIJSR	134	
SVTSIJST	130	
SVTSIJT2	230	
SVTSINQ	168	E2C9D5D8
SVTSINU	1B0	E2C9D5E4
SVTSIODA	1D8	E2C9D6C4
SVTSIODC	1E4	
SVTSIODL	1E8	
SVTSIODO	1DC	
SVTSIODS	1E0	
SVTSIOP	104	E2C9D6D7
SVTSIORI	348	
SVTSIORO	13C	E2C9D6D9
SVTSIORR	148	
SVTSIPJ	1B4	E2C9D7D1

Name	Hex Offset	Hex Value
SVTSIPT	1AC	E2C9D7E3
SVTSISA	1A0	E2C9E2C1
SVTSISO	1B8	E2C9E2D6
SVTSIST	10C	E2C9E2E3
SVTSITS	1A8	E2C9E3E2
SVTSIVI	19C	E2C9E5C9
SVTSIVL	12C	E2C9E5D3
SVTSIVR	194	E2C9E5D9
SVTSIWO	124	E2C9E6D6
SVTSIWOL	184	
SVTSIZA	2A0	15C
SVTSIZY	2A2	540
SVTSI34	128	E2C9F3F4
SVTSMJSS	3F6	40
SVTSMS	536	40
SVTSMSET	3F6	20
SVTSMSRS	3F6	80
SVTSQE	34C	
SVTSRB	4A0	0
SVTSSCM	20C	E2E2C3D4
SVTSSJM	270	
SVTSSRE	210	E2E2D9C5
SVTSVRYL	536	4
SVTSYSID	3A6	0
SVTSYSTS	3E4	
SVTSYSUN	350	
SVTTVT	354	
SVTUCN	2BC	
SVTUCNT	4D8	0
SVTUSER1	3B8	
SVTUSRPG	516	0
SVTUX32	224	E4E7F3F2
SVTUX57	340	
SVTUX58	250	E4E7F5F8
SVTUX59	254	E4E7F5F9
SVTVIRT	535	8
SVTWARNI	4C0	5555
SVTWARNS	4C2	
SVTWISEQ	3D8	0
SVTWTOBF	536	1
SVTXASID	2A6	0
SVTXCFAD	2A8	0
SVTXCFMD	536	2
SVTXCFTL	310	
SVTXSDWA	3B4	
SVTXSQE	358	
SVTXTRC	35C	
SVTX57DM	340	80
SVTYMOD	27C	C9C1E3E2
SVT0	54	100
SVT3713I	3CC	0
SVT6350I	3C0	0
SVT6351I	3C4	0
SVT6353I	3C8	0

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: IATXSYSU 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	SYSPATHM	DEV OFFLINE PATH REASONS MASK
20	(14)	SIGNED	4	SYSFENCE	OWNER OF DEVICE (IF FENCED)

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				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
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	SYSSLOT	"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 SYSUCBRS 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...		SYSCRTCH	"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

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

IATYSYS Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		..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
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	SYSTERM	"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	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
SYSACL	A2	8	SYSFRSIZ	B8	B8
SYSACLAC	A2	4	SYSFRSTR	0	
SYSAINDX	AA		SYSFSS	A1	4
SYSALLOC	A0	80	SYSGR	A3	10
SYSARALC	AB	80	SYSHCNT	14	0
SYSBARR	A1	10	SYSHEND	20	
SYSCART	A1	2	SYSHFREE	10	
SYSCRTCH	A1	80	SYSHHIGH	1C	0
SYSDA	A3	40	SYSHID	0	E2E8E2E4
SYSDDR	A0	10	SYSHLAST	C	
SYSDDRAC	A0	2	SYSHLOW	18	0
SYSDDRFR	A6		SYSHMINC	20	14
SYSDEFER	A1	40	SYSHNEXT	8	
SYSDTYPS	A3	F0	SYSHRMN	A3	1
SYSEND	B8		SYSHRSP	A3	2
SYSFENCE	14		SYSHSIZE	20	20
SYSFLAG1	A0		SYSHSTRT	0	
SYSFLAG2	A1		SYSLABEL	A4	
SYSFLAG3	A2		SYSLBPOF	B4	
SYSFLAG4	A3		SYSMAINX	4	
SYSFREID	0	7FFFFFFF	SYSMAINY	8	
SYSFREND	B8		SYSMDSAL	AB	
SYSFRIDX	C	0	SYSMEDIA	A8	
SYSFRNXT	4		SYSMNTD	A0	8
SYSFRPAD	E		SYSMPUNL	A9	
SYSFRPRV	8		SYSNALOC	A0	40

Name	Hex Offset	Hex Value
SYSNAVAL	A0	FC
SYSNEW	A1	1
SYSNSAPR	A0	1
SYSOSRQ	A1	8
SYSPATHM	10	
SYSPOFFM	C	
SYSPOOL	A0	4
SYSPR	A3	8
SYSRCVR	A2	80
SYSRING	A1	20
SYSRM	A3	4
SYSRSA01	AB	1
SYSRSA02	AB	2
SYSRSA04	AB	4
SYSRSA08	AB	8
SYSRSPTY	AC	
SYSRSRV	A0	20
SYSSACHN	B0	
SYSSALOC	AB	40
SYSSETVL	18	80
SYSSETVT	18	
SYSSETX	98	
SYSSIZE	B8	
SYSSLOT	9C	4
SYSSNALC	AB	20
SYSSONCH	AB	10
SYSSTART	0	
SYSSYSX	9A	
SYSTA	A3	80
SYSTERM	B8	0
SYSUCBON	A5	80
SYSUCBPR	A5	4
SYSUCBRS	A5	20
SYSUCBST	A5	
SYSUR	A3	20
SYSUSECT	9C	
SYSUSER	AD	
SYSVOLAD	0	

IATYS34 Programming Interface information

Programming Interface information

IATYS34

End of Programming Interface information

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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
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 IATCNCM 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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
115	(73)	BITSTRING	1	S34RSVD6	RESERVED FOR DEVELOPMENT 12
116	(74)	CHARACTER	2	S34SNDID	IDENTIFIER OF THE SENDER

Comment

```
-------------------------------------------------------------
      The field S34SNDID can only be set to '34'
      by JES3 code. Any other value is considered to be
      from user code.
-------------------------------------------------------------
```

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

```
 IATYCNDB_1:;
 START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
  5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
  STATUS= HJS6604
  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
```

IATYS34 Cross Reference

```
  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 Distribution Library: AJES3MAC
  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
      CASE/390 - VERSION 49
   END OF SPECIFICATIONS
 %
```

End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
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	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
IATYS34	0		S34START	0	
S34AUTH	9		S34TEXT	7C	
S34CMDTR	18	1	S34TOKEN	1C	
S34CNDB	FC		S34TXTLN	7B	
S34END	132	15A	S34VALCK	18	2
S34FLAG1	18		S34VRID	6	3
S34ID	2		S34VRSN	6	
S34INTCM	18	20	S34220	6	1
S34JSLEN	0		S34313	6	2
S34LEN	132	15A	S34521	6	3
S34MAUTH	19				
S34PEND	7C	FA			
S34RSVD	8				
S34RSVD1	C				
S34RSVD2	6C				
S34RSVD3	71				
S34RSVD4	76				
S34RSVD5	10				
S34RSVD6	73				
S34RSVD7	14				
S34SI34	74	F3F4			
S34SNDID	74				

IATYTSWK Programming Interface information

Programming Interface information

IATYTSWK

End of Programming Interface information

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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
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" Offset to register one in caller's save area
88	(58)	X'14'	0	TSSAVE13	"TSSAVE+4" Caller's save area

Comment

```
TSSTAEPM ESTAE MF=L
   MACDATE 10/01/94
```

End of Comment

92	(5C)	SIGNED	4	(0)	
92	(5C)	ADDRESS	1	TSSTAEPM	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 SPECD
116	(74)	SIGNED	4	TSECB	SSISERV ECB
120	(78)	BITSTRING	112	TSSEL	Service Entrance List
232	(E8)	BITSTRING	1	TSKEY	Saved key of caller

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

Comment

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...		TSTSOREQ	"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
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	TSLSTSIZ	"*-TSREQST" Size of fixed request/reply area
624	(270)	X'270'	0	TSGMSIZE	"*-TSWORK" Work area length

Offsets Dec	Offsets 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

Name	Hex Offset	Hex Value
TSACEREQ	106	8
TSCSAV01	58	18
TSDATA	0	
TSECB	74	
TSFLAGS	106	0
TSFPTKMP	106	10
TSGMSIZE	270	270
TSJMRCID	FA	
TSJMRRSD	102	
TSJMRRST	FE	
TSJMRUID	F2	
TSKEY	E8	
TSLSTSIZ	270	180
TSMBASE	58	
TSPURREQ	106	40
TSPWSP	108	
TSRECURS	106	20
TSREQLEN	F0	
TSREQST	F0	F0
TSRSVD3	E9	
TSSAVE	10	
TSSAVE13	58	14
TSSEL	78	
TSSRESI	EA	
TSSSOB	270	
TSSTAEPM	5C	
TSTSOREQ	106	80
TSWORK	0	
TSWRK1	8	
TSWRK2	C	
TSWSP	108	76
TSWTASCB	20	
TSWTCLUP	20	80
TSWTFLGS	18	
TSWTFLG1	20	18
TSWTRCMN	0	
TSWTRCPU	14	
TSWTRECB	0	
TSWTRPLY	20	40
TSWTRRSP	8	
TSWTRRST	4	
TSWTRSZ	20	24
TSWTTCB	1C	
TSWUSRID	C	

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
- JNCBHLD
- 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
- RQTADEL
- 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
- SRJPSNSG
- SRJPSNST
- SRJPSQAN

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- SRJPSRT
- SRJPSTQ
- SYSTAB
- SYSUNITS
- TESTSRS
- THIS
- TIDSNT
- TIHWST
- TIPARMS
- TPROCCHN
- TVABNGET
- TVJCTREL
- TVONLFDB
- TVTABMN
- TVTATCB
- TVTAUXT
- TVTBALJ
- TVTBALST
- TVTBDCDA
- TVTBSCT
- TVTBTR
- TVTCALNT
- TVTCIECB
- TVTCISCH
- TVTCL012
- TVTCNJST
- TVTCNTOR
- TVTCSF
- TVTCTVT
- TVTDFCB
- TVTDISK
- TVTDMCDE
- TVTDMCQ
- TVTDMDK
- TVTDSPIQ
- TVTDSPMO
- TVTDSP00
- TVTDSSCH
- TVTERRQ
- TVTERRWK
- TVTESTE6
- TVTFDCPB
- TVTFSECB
- TVTFSEPL
- TVTFSEPN
- TVTFSEPS
- TVTFSL
- TVTFSLG
- TVTFSRC
- TVTFSS
- TVTFSSAB
- TVTFSSAM
- TVTFSSCK
- TVTFSSCL
- TVTFSSFD
- TVTFSSFP
- TVTFSSFS
- TVTFSSRS
- TVTFSSST
- TVTGMS1
- TVTGROCO
- TVTGRSM1
- TVTIFCAD
- TVTINPUT
- TVTIOPRM
- TVTIQECA
- TVTIRA
- TVTITKPM
- TVTJADAD
- TVTJBTS
- TVTJBTXP
- TVTJDEQ
- TVTJMF
- TVTJMQA
- TVTJNCHN
- 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
- TVTSPCK
- TVTSPDEF
- TVTSPINT
- TVTSPLST
- TVTSPPCH
- 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
- TVTXTOD
- TVVCKFDB
- VATAFCT
- VGETFCT
- VGETRSQ
- WRTCHAIN
- WTDQUE
- ZEROCORE
- 0008
- 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					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATGRVT	
0	(0)	X'0'	0	TVTABLE	"IATGRVT" 0041

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					WARNING THE OFFSETS FOR THE FIELDS DEFINED BETWEEN TVTABLE AND TVTFREND MUST NOT BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON SOME JES3 MODULES.
					End of Comment
					Comment
					JES3 MODULE ENTRY POINT IDENTIFIER 01 Change Activity: $RJ=OS240 HJS6604 960522 PD0DR: OS 2.4.0
					End of Comment
0	(0)	CHARACTER	8	TVTID	MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM
36	(24)	ADDRESS	2	TVTLNGTH	TVTABLE length 0041
40	(28)	SIGNED	4	TVTINDAT (2)	IATINIT DATE JES3 STARTED - 0CYYDDDF
40	(28)	X'2C'	0	TVTINTIM	"TVTINDAT+4" IATINIT TIME JES3 STARTED - HHMMSSTH
					Comment
					LOCATED SYMBOL OP ENTRY IN COMMENT MODULE
					End of Comment
48	(30)	ADDRESS	4	FCTTOP	"V(FCTTOP)" IATGRPT FIRST FCT ENTRY
52	(34)	ADDRESS	4	AINTDATA	SET BY IATINIT POINTER TO INISH DATA CSECT
56	(38)	ADDRESS	4	ASPECB	IATINIO ADDR OF JES3 MASTER ECB
60	(3C)	ADDRESS	4	AWAITEP	"V(AWAITX)" IATGRCT MFM AWAIT PROCESSING
64	(40)	ADDRESS	4	ASAVE	"V(ASAVEYES)" IATGRSV ASAVE PROCESSING
68	(44)	ADDRESS	4	ARETNAD	"V(ASARETRN)" IATGRSV ARETURN ENTRY POINT
72	(48)	ADDRESS	4	JESTAE	SET BY IATABMN JESTAE
76	(4C)	ADDRESS	4	FAILDSP	SET BY IATABMN FAIL A DSP
80	(50)	ADDRESS	4	TVTXBPL	"V(IATXBPL)" IATGRQC BUILD CELL POOL ROUTINE
84	(54)	ADDRESS	4	TVTXGCL	"V(IATXGCL)" IATGRQC GET CELL POOL ROUTINE
88	(58)	ADDRESS	4	TVTXRCL	"V(IATXRCL)" IATGRQC RELEASE CELL POOL ROUTINE
92	(5C)	ADDRESS	4	TVTXDPL	"V(IATXDPL)" IATGRQC DELETE CELL POOL ROUTINE
96	(60)	ADDRESS	4	TVTXCNDB	"V(IATCNDB)" IATCNDB PROCESS CNDB CONTROL BLOCKS
100	(64)	ADDRESS	4	TVTFTVT	"V(IATGRVTX)" IATGRVTX TVT FIXED EXTENSION
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)" IATGRTM TIMER SERVICES
144	(90)	ADDRESS	4	MESSAGE	"V(IATCNWO)" IATCNWO MESSAGE FROM DSP
148	(94)	ADDRESS	4	TVTSSVT	SET BY IATINIT ADDR SSVT
152	(98)	ADDRESS	4	ACONSBCB	SET BY IATINC2 CONSOLE BUFFER CONTROL BLOCK

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
156	(9C)	BITSTRING	1	JESPOOL	USED BY AGETPUTM FOR DEFAULT SUBPOOL
157	(9D)	BITSTRING	1	ACONTIME	CONSOLES INITIALIZATION FLAG
		1...		INITCMP	"X'80'" INITIALIZATION IS COMPLETE
		.1..		INCNCMP	"X'40'" IATINC2 COMPLETE
		..1.		ACONRS20	"X'20'" Reserved flag
		...1		ACONRS10	"X'10'" Reserved flag
		.... 1...		RJPCPOST	"X'08'" JESXCF posting RJPCONS
		.... .1..		RJPCTIME	"X'04'" Timer pop posting RJPCONS
158	(9E)	BITSTRING	1	TVTRDFR1	RESERVED FOR DEVELOPMENT 0012
159	(9F)	BITSTRING	1	TVRSTFLG	JES3 Start flag 0012
		1...		COLDSTRT	"X'80'" JES3 is cold starting 0012
		.1..		WARMSTRT	"X'40'" JES3 is warm starting 0012
		..1.		HOTSTRT	"X'20'" This address space is hot 0012 starting (JES3) or is an 0012 FSS 0012
		...1		ANALYZE	"X'10'" Queue analysis required 0012
		.... 1...		DSIACTV	"X'08'" DSI active 0012
		.... .1..		CPUIPL	"X'04'" This CPU was IPLed before 0012 JES3 was started 0012
		.... ..1.		TVTREFRS	"X'02'" A refresh is being done 0012 Valid only when HOTSTRT 0012 is also on (i.e. a hot 0012 start with refresh is 0012 being performed). 0012 0012
		1		TVTSPREP	"X'01'" WR or WAR type restart 0012
160	(A0)	ADDRESS	4	RJPTAB	SET BY IATINR2 RESIDENT RJP TABLE
164	(A4)	ADDRESS	4	SRJPRTRM	SET BY IATINWS FIRST SNA WORKSTAT ENTRY
168	(A8)	ADDRESS	4	RJPRTERM	SET BY IATINR2 1ST TERM ENTRY IN RESTABL 0012
172	(AC)	SIGNED	4	TVTRDFR2	RESERVED FOR DEVELOPMENT

Comment

The following 3 fields (TVTENWRK, TVTENCTL, TVTENFRW)
must be contiguous since CDS logic is used to serialize
access to the queue of IATOSENF subtask work areas.

End of Comment

176	(B0)	DBL WORD	8	TVTENWRK (0)	Queue of available work areas for IATOSENF subtask
176	(B0)	SIGNED	4	TVTENCTL	Queue control word
180	(B4)	ADDRESS	4	TVTENFRW	Address of 1st free element
184	(B8)	SIGNED	4	TVTRS00F (6)	RESERVED FOR SERVICE
208	(D0)	SIGNED	2	TVTFREND (0)	END OF TVT FROZEN SECTION

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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
248	(F8)	ADDRESS	4	MCLASS	SET BY IATINM2 JOB CLASS TABLE
252	(FC)	ADDRESS	4	MDSPARM	SET BY IATINMD MDS CONTROL TABLE
256	(100)	ADDRESS	4	DYNDYNP	SET BY IATINMD PTR TO DYN DATA
260	(104)	ADDRESS	4	MGROUP	SET BY IATINM2 JOB CLASS GROUP TABLE
264	(108)	ADDRESS	4	MLBCB	IATINM2 ADDR OF MAIN LOAD BALANCE CB
268	(10C)	ADDRESS	4	TVTRDQTP	READY QUEUE ANCHOR
268	(10C)	X'10C'	0	TVTRDQEF	"TVTRDQTP,1" READY QUEUE FCT ECF
		1...		TVTRDQPT	"X'80'" FCT ADDED TO READY QUEUE
272	(110)	ADDRESS	4	PAFCTBTM	SET BY IATINRB LAST AVAILABLE PREALLOCATED FCT ENTRY
276	(114)	ADDRESS	4	PAFCTTOP	SET BY IATINRB FIRST AVAILABLE PREALLOCATED FCT ENTRY
280	(118)	ADDRESS	4	TVTRQCAD	SET BY IATINRB RESQUEUE CONTROL AREA 1
284	(11C)	ADDRESS	4	TVTSDA	Statistics Data Area
288	(120)	ADDRESS	4	PRTAB	SET BY IATINDEV 1ST PRINTER ENTRY IN SUPUNITS
292	(124)	ADDRESS	4	PUNTAB	SET BY IATINDEV 1ST PUNCH ENTRY IN SUPUNITS
296	(128)	ADDRESS	4	RESTABLE	"V(RESTABLX)" IATGRRQ RESOURCE MGMT TABLE
300	(12C)	ADDRESS	4	TVTCALNT	"V(ASACALNT)" ACALL (no trace) entry point
304	(130)	ADDRESS	4	TVTRETNT	"V(ASARETNT)" ARETURN (no trace) entry point
308	(134)	ADDRESS	4	SRJPSRT	SET BY IATINWS RESIDENT SNA RJP TABLE
312	(138)	ADDRESS	4		Reserved for developmemt
316	(13C)	ADDRESS	4	TVTLLPRT	SET BY IATINDEV LAST LOCAL PRINTER (PRTAB)
320	(140)	ADDRESS	4	TVTRD010	RESERVED FOR DEVELOPMENT
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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		1...		SRJPRJS	"X'80'" RETURN TO JSS FLAG
		.1..		SRJPBCB	"X'40'" BUILD CONTROL BLOCK FLAG
		..1.		SRJPRCB	"X'20'" REMOVE CONTROL BLOCKS FLAG
		...1		SRJPPOP	"X'10'" PROCESS OPER. COMMANDS FLAG
		.... 1...		SRJPWKQ	"X'08'" PROCESS WORK QUEUES FLAG

Comment

1. INTERCOM COMMANDS FROM WORKSTATION CONSOLES
2. SEND MESSAGES TO OPERATOR
3. CALL IATCNRM TO SEND MSGS TO WS CONSOLES
4. INTERCOM START READER COMMANDS
5. TERMINATE SESSIONS (ISSUE CLSDST)
6. ISSUE WSOPEN FOR OUTBOUND CONSOLE
7. INTERCOM COMMANDS FROM DATA FLOW CONTROL

End of Comment

		.... .1..		SRJPRSVS	"X'04'" Reserved for service
		.... ..1.		SRJPISEC	"X'02'" PROCESS SECURITY REQUEST #403
360	(168)	X'16B'	0	SRJPFLG	"SRJPCSFL+3" SNA RJP FLAGS
360	(168)	X'16B'	0	SRJPACT	"SRJPFLG" SNA RJP ACTIVE FLAG
		1...		SRJPACTM	"X'80'" SNA RJP ACTIVE MASK
364	(16C)	SIGNED	4	TVTRD030	RESERVED FOR DEVELOPMENT
368	(170)	ADDRESS	4	TVTBALST	POINTER TO LAST BALJ
372	(174)	ADDRESS	4	RQBTM	LAST RESQUEUE ENTRY
376	(178)	ADDRESS	4	RQDTOP	ORIGIN OF DEMAND SEL Q
380	(17C)	ADDRESS	4	RQTOP	FIRST RESQUEUE ENTRY
384	(180)	ADDRESS	4	SCTAB	SET BY IATINGN SYSOUT CLASS TABLE
388	(184)	ADDRESS	4	SETNAMES	SET BY IATINMD SETNAMES TABLE
392	(188)	ADDRESS	4	SUPUNITS	SET BY IATINDEV SUPPORT UNITS TABLE
396	(18C)	ADDRESS	4	SYSTAB	SET BY IATINDEV 1ST SYS ENTRY IN SUPUNITS
400	(190)	ADDRESS	4	SYSUNITS	SET BY IATGRSYS SYSTEM UNITS TABLE
404	(194)	ADDRESS	4	TVTMDSRD	SET BY IATINMD MDSSRS DATA AREA ADDRESS
408	(198)	ADDRESS	4	TVTLDAAD	SET BY IATINLC LOCATE DATA AREA ADDRESS
412	(19C)	ADDRESS	4	TVTBALJ	IATINIO JES3 BUFFER ALLOC BLK
416	(1A0)	ADDRESS	4	TVTDATQ	QUEUE OF IATYDATS FOR DISKS
416	(1A0)	X'1A0'	0	TVTDMCQ	"TVTDATQ" QUEUE OF IATYDMCS FOR DISKS

Comment

TVTBALJ, TVTDATQ AND TVTDMCQ WILL BE USED IN THE FSS
ADDRESS SPACE AS WELL AS THE JES3 GLOBAL ADDRESS SPACE.
ADDRESSES WILL DIFFER BETWEEN THE FSS AND JES3 GLOBAL
ADDRESS SPACES.

End of Comment

420	(1A4)	ADDRESS	4	TVTDFCB	DFCB CHAIN TOP
424	(1A8)	ADDRESS	4	TVTFSS	SET BY IATINFS ADDR OF FIRST FSS TABLE
428	(1AC)	SIGNED	4	TVTIDAAD	IATINI1 INTERPRETER DATA AREA ADDR.
432	(1B0)	ADDRESS	4	TVTJQX	"V(JQXSTART)" IATGRJX ADDR JQX
436	(1B4)	ADDRESS	4	TVTSQE	ADDR OF STORAGE Q
440	(1B8)	ADDRESS	4	TVTMEMD	ADDR OF JES3 MEMDATA
444	(1BC)	ADDRESS	4	TVTRTAB	"V(TRANSTAB)" IATGRVT(F) SYSTEM TRANSLATE TABLE
448	(1C0)	ADDRESS	4	TVTSMFCH	IATOSDR SMF WRITE CHAIN START 4
452	(1C4)	ADDRESS	4	TVTSPPCH	IATOSDR SETPRT REQUEST QUEUE
456	(1C8)	ADDRESS	4	TVTUXL	"V(IATYUXL)" IATGRPT USER EXIT LIST TABLE
460	(1CC)	ADDRESS	4	TVTYOSD	"V(OSDSTART)" IATOSDR OUTSERV DATA SET DEFAULTS
464	(1D0)	ADDRESS	4	WTDQUE	WTD CONTROL BLOCK
468	(1D4)	SIGNED	4	TVTIFCAD	IATINFC C/I FSS DATA AREA ADDR.
472	(1D8)	SIGNED	4	TVTRS040 (3)	RESERVED FOR SERVICE
484	(1E4)	ADDRESS	4	FCTLAST	SET BY IATGRCT LAST FCT ENTRY

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
488	(1E8)	SIGNED	4	NCKLOCK	THIS WORD CONTAINS THE FCT ADDRESS THAT CURRENTLY HOLDS THE NCK LOCK - X'80' AT LABEL NCKADD
492	(1EC)	ADDRESS	4	TVTFSLG	SET BY IATINIT LOGOUT MODULE
496	(1F0)	ADDRESS	4	TVTFSRC	SET BY IATINIT TERMINATE FAILING FCT
500	(1F4)	ADDRESS	4	TVTTAWK	PTR TO TRACK ALLOC DSP RREPOOL
504	(1F8)	BITSTRING	1	TVTTAECF	TRACK ALLOC DSP ECF

Comment

DEFINITION OF TVTAECF

End of Comment

		1...		DMTAREQ	"X'80'" REQUESTS FROM GLOBAL
		.1..		DMTARPLY	"X'40'" REPLIES FROM GLOBAL

Comment

Fields used by macro IATXSUSP

End of Comment

505	(1F9)	BITSTRING	1	TVTSUSPE	ECF used by IATXSUSP
506	(1FA)	BITSTRING	1	TVTSUSPM	IATXSUSP post mask; the mask value flip-flops between x'80' and x'40'
507	(1FB)	BITSTRING	1	TVTRD040	Reserved for development
508	(1FC)	SIGNED	4	TVT3100D	DOM ID FOR MSG IAT3100
512	(200)	ADDRESS	4	TVTJADAD	USAM JDS ACCESS INTERFACE DATA AREA (JAD) ANCHOR
516	(204)	ADDRESS	4	TVTPDAAD	PROCESS SYSOUT (PSO) DATA AREA (PDA) ANCHOR
520	(208)	ADDRESS	4	TVTSDEAD	SYSOUT Application Program Interface (SAPI) DSP Entry address
524	(20C)	ADDRESS	4	TVTSOSRQ	Sysout Application Program Interface (SAPI) Output Service Restart Q (OSR)
528	(210)	ADDRESS	4	TVTOSRTQ	OUTPUT SERVICE RESTART QUE for FSS writers
532	(214)	ADDRESS	4	TVTRU050 (4)	AVAILABLE TO USER 4
548	(224)	BITSTRING	1	TVTJNCBF	DJC FLAGS

Comment

DEFINITION OF TVTJNCBF

End of Comment

		.1..		DJCPOST	"X'40'" DJC POSTED
		...1		DJCACTIV	"X'10'" IATDCUP IS ACTIVE
		.... ..1.		JNCBPOST	"X'02'" JNCB POSTED
549	(225)	BITSTRING	1	TVTSMFFL	SMF FLAGS

Comment

DEFINITION OF TVTSMFFL

End of Comment

		1...		SMFPOST	"X'80'" SMF REC TO BE WRITTEN
		.... ..1.		SMFRCUR	"X'02'" SMF RECURSION BIT
		1		SMFDYFCT	"X'01'" DYNAM FCT HAS BEEN BUILT
550	(226)	BITSTRING	1	TVTSPPFL	SETPRT COUNT

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
551	(227)	BITSTRING	1	TVTWTDEC	ECF TO POST WTD PROCESSING
					Comment

					Work To Do Driver post flags.

					End of Comment
		1...		TVTWTDPS	"X'80'" WTD Post (IATGRWD)
		.1..		TVTINPPS	"X'40'" Input cmd Post (IATGRWD)
		..1.		TVTWTD20	"X'20'" Reserved
		...1		TVTWTD10	"X'10'" Reserved
		.... 1...		TVTWTD08	"X'08'" Reserved
		.... .1..		TVTWTD04	"X'04'" Reserved
		.... ..1.		TVTWTD02	"X'02'" Reserved
		1		TVTWTD01	"X'01'" Reserved
552	(228)	BITSTRING	1	AWAIT	IATGRVT(F) AWAIT CONDITION CODE
553	(229)	BITSTRING	1	AWAITL	IATGRVT(F) AWAIT-LIST CONDITION CODE
554	(22A)	BITSTRING	1	AWAITOFF	IATGRVT(F) AWAITOFF CONDITION CODE
555	(22B)	BITSTRING	1	AWAITOFL	IATGRVT(F) AWAITOFF-LIST COND CODE
556	(22C)	BITSTRING	1	JESKEY	IATGRVT(F) JES3 STORAGE PROTECT KEY
557	(22D)	BITSTRING	1	IOERRECF	ERROR RECOVERY POST FLAGS
					Comment

					DEFINITION OF IOERRECF

					End of Comment
		1...		IOEERROR	"X'80'" SPOOL I/O ERROR OCCURRED
		.1..		IOENORML	"X'40'" I/O TERMINATED NORMALLY
		..1.		IOETIMED	"X'20'" MISSING I/O COMPLETION POST
558	(22E)	BITSTRING	1	TVTJNECF	ECF FOR AJOBNUM BUSY
					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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- ROUTINE ENTRY POINTS SECTION 1 - NON-COUNTABLE ENTRY POINTS (FROM ASAVE TO TVTEPS) SECTION 2 - COUNTABLE ENTRY POINTS (USING X IC - IATUTIC) (FROM ABACKR TO TVTEPE) ----------
					End of Comment
564	(234)	SIGNED	4	TVTEPST (0)	START OF NON-COUNTABLE ENTRY POINTS
564	(234)	ADDRESS	4	TVTWROSE	"V(WRITEOSE)" IATOSOR WRITEOSE ROUTINE ADDRESS 1
568	(238)	ADDRESS	4	TVTSAFCL	"V(IATPUSC)" IATPUSC PURGE SYSIN/SYSOUT SAF CALL 1
572	(23C)	ADDRESS	4	IATXSIO	IATDMDK
572	(23C)	X'23C'	0	TVTDMDK	"IATXSIO" IATDMDK
576	(240)	ADDRESS	4	TVTERRQ	IATDMIT CHAIN OF ISR'S WITH IO ERRS
580	(244)	ADDRESS	4	TVTERRWK	IATDMER PTR TO DMER'S IO ERR WORKAREA
584	(248)	ADDRESS	4	TVTSTTBL	"V(STTBUILD)" IATDMST STT BUILD ROUTINE
588	(24C)	ADDRESS	4	TVTSTTAL	"V(STTALLOC)" IATDMST STT RECORD ALLOC
592	(250)	ADDRESS	4	TVTSTTPG	"V(STTPURGE)" IATDMST STT RECORD PURGE
596	(254)	ADDRESS	4	TVTSTTBD	"V(STTBAD)" IATDMST STT BADTRACK ROUTINE
600	(258)	ADDRESS	4	TVTSTTSR	"V(STTSRCH)" IATDMST STT SEARCH ROUTINE
604	(25C)	ADDRESS	4	DSPIG	"V(PIG)" IATIQPG PART/INQ TGPS ROUTINE
608	(260)	ADDRESS	4	TVTTGBUP	"V(TGBUPDAT)" IATDMTK BYPASS TABLE UPDATE
612	(264)	ADDRESS	4	TVTPBITL	"V(BITLOC)" IATDMTK X.G TO PTAT BIT CONVERSION
616	(268)	ADDRESS	4	TVTPTATS	"V(TATSTAT)" IATDMTK PTAT STATUS UPDATE RTN
620	(26C)	ADDRESS	4	TVTJBTS	"V(JOBTATS)" IATDMTK JOB, DS TAT SEARCH RTN
624	(270)	ADDRESS	4	JDSBENRY	"V(JDSSCAN)" IATGRJA CI SUBTSK JDS ACCESS EP
628	(274)	ADDRESS	4	IATXJDS	"V(IATXJDSX)" IATGRJA ADDRESS OF JDS ACCESS RTNS
632	(278)	ADDRESS	4	IATXJET	"V(IATXJETX)" IATGRJA Address of JET initialization routine
636	(27C)	ADDRESS	4	IATXCSS	"V(IATDMCS)" IATDMCS ADDRESS OF SRF SERVICES
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	IATINGL JES3 TRACE IN CSA, ALSO FSS TRACE IN FSS PRIVATE
652	(28C)	ADDRESS	4	TVTXCKPT	IATGRCK IATXCKPT ENTRY POINT
656	(290)	ADDRESS	4	JOBNALOC	"V(JNUMALOC)" IATGRJN ALLOCATE A SPECIFIC JOBNO.
660	(294)	ADDRESS	4	JOBNRTN	"V(JOBNMBER)" IATGRJN ALLOCATE NEXT AVAIL JOBNO.
664	(298)	ADDRESS	4	JOBNSET	"V(JNUMSET)" IATGRJN SET NUMBER FOR JOBNO. SCAN 1
668	(29C)	ADDRESS	4	JSSRETRN	"V(JSSRTN)" IATGRJR DSP RETURN POINT TO IATGRJR
672	(2A0)	ADDRESS	4	TVTRD072	RESERVED FOR DEVELOPMENT #0034 1
676	(2A4)	ADDRESS	4	TVABNGET	IATABN0 VIRT ADDR VALID'N RTN
680	(2A8)	ADDRESS	4	TVTABMN	SET BY IATABMN ADDR OF MODULE IATABMN
684	(2AC)	ADDRESS	4	TVTSTAD	SET BY IATABMN ABEND SERIALIZATION SERVICE 1
688	(2B0)	ADDRESS	4	TVTJ3PST	IATINIO POSTJES3 RTN IN CSA
692	(2B4)	ADDRESS	4	TVTVPTH	"V(AVAILPTH)" IATGRCT CALL MVS PATH VALIDATION
696	(2B8)	ADDRESS	4	TVTVIOPM	IATINIT MVS PATH VALIDATION RTN IOSVIOPM
700	(2BC)	ADDRESS	4	TVTLPJ3	"V(IATGRLPJ)" IATGRG1 LOCAL POST JES3 ROUTINE
704	(2C0)	ADDRESS	4	TVTSTMD	"V(IATGRSM)" IATGRCT IATXSTMD ROUTINE
708	(2C4)	ADDRESS	4	TVTGRSM1	"V(IATGRSM1)" IATGRCT IATXSTMD SPECIAL ENTRY PT
712	(2C8)	ADDRESS	4	TVTXATDE	"V(IATGRATD)" IATGRG1 ATTACH/DETACH ATDE ROUTINE
716	(2CC)	ADDRESS	4	TVTXJLOK	"V(IATGRLCK)" IATGRG1 OBTAIN/RELEASE LOCK ROUTINE 1
720	(2D0)	ADDRESS	4	TVTMSMI	IATMSMI ENTRY PT SET BY MSDR 1
724	(2D4)	ADDRESS	4	TVTOSDIE	SET BY IATINIO OUTPUT SERVICE DIE RTN ADR 1
728	(2D8)	ADDRESS	4	IATXOSPM	"V(IATOSWPX)" IATOSWP OUTSERV PIPELINE MANAGER
732	(2DC)	ADDRESS	4	TVTOSFP	IATOSFP FSS WRITER PENDING DATASET QUEUE MANAGER 1
736	(2E0)	ADDRESS	4	TVTDSPIQ	"V(INQOSFCT)" IATIQOI OUTPUT SERVICE INQUIRY IMPLEMENTATION

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
740	(2E4)	ADDRESS	4	TVTDSPMO	"V(MODOSFCT)" IATMOOI OUTPUT SERVICE MODIFY IMPLEMENTATION
744	(2E8)	ADDRESS	4	TVTRD440	RESERVED FOR DEVELOPMENT 1
748	(2EC)	ADDRESS	4	SRJPSNLK	SET BY IATSNLD SNARJP LCB USE COUNT MANAGER

Comment

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THESE EQUATED VALUES ARE USED BY THE MACRO IATXSNLK
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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

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THESE EQUATED VALUES ARE USED BY THE MACRO IATXSNST
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End of Comment

		....		SNSTON	"X'00000000',4" SNARJP - TURN STATUS BIT ON
		.... .1..		SNSTOFF	"X'00000004',4" SNARJP - TURN STATUS BIT OFF
		.... 1...		SNSTTEST	"X'00000008',4" SNARJP - TEST STATUS BIT
		.... 11..		SNSTTNCH	"X'0000000C',4" SNARJP - TEST STATUS BIT NO CHK
		....		SNSTERR	"X'80000000',4" SNARJP - ERROR EXIT SPECIFIED
		....		SNSTNORM	"X'40000000',4" SNARJP - NORMAL EXIT SPECIFIED
		1...		SNSTQI	"X'80'" SNARJP - QUIESCE IMMEDIATE
		.1..		SNSTQ	"X'40'" SNARJP - QUIESCE
		..1.		SNSTRQ	"X'20'" SNARJP - CLSDST REQUESTED
		...1		SNSTCM	"X'10'" SNARJP - CLSDST COMPLETED
		.... 1...		SNSTFCB	"X'08'" SNARJP - CONTROL BLOCK TO BE FREED
		.... .1..		SNSTONTQ	"X'04'" SNARJP - LCB HAS BEEN ON TERMINATE QUEUE
760	(2F8)	ADDRESS	4	SRJPSNDN	SET BY IATSNLD DFC NEG RESPONSE ROUTINE
764	(2FC)	ADDRESS	4	SRJPSNDV	SET BY IATSNLD DFC RECEIVE ROUTINE
768	(300)	ADDRESS	4	SRJPNDRA	SET BY IATSNLD DFC RECEIVE ANY ROUTINE
772	(304)	ADDRESS	4	SRJPSNDT	SET BY IATSNLD DFC RESTART ROUTINE
776	(308)	ADDRESS	4	SRJPSNDG	SET BY IATSNLD DFC RUGET ROUTINE
780	(30C)	ADDRESS	4	SRJPSNDM	SET BY IATSNLD DFC STATE MANAGER ROUTINE
784	(310)	ADDRESS	4	SRJPSNDO	SET BY IATSNLD DFC WSOPEN ROUTINE
788	(314)	ADDRESS	4	SRJPSNDC	SET BY IATSNLD DFC WSCLOSE ROUTINE
792	(318)	ADDRESS	4	SRJPSNDD	SET BY IATSNLD DFC DFASY ROUTINE
796	(31C)	ADDRESS	4	AIATINIT	"V(IATINIT)" IATINIT JES3 NUCLEUS ENTRY POINT
800	(320)	ADDRESS	4	IATXCNS	"V(XCNSTART)" IATCNRN XCNS SERVICE ROUTINE
804	(324)	ADDRESS	4	CONCNJS	"V(IATCNJS)" IATCNJS CONSOLE JESTAE ROUTINE
808	(328)	ADDRESS	4	TVTRS070	RESERVED FOR SERVICE
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 (4)	RESERVED FOR DEVELOPMENT
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	TVTRS080 (2)	Reserved for service
860	(35C)	ADDRESS	4	TVTRU080 (6)	RESERVED FOR USER
884	(374)	ADDRESS	4	TVTEPS (0)	END OF NON-COUNTABLE ENTRY POINTS

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					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
976	(3D0)	ADDRESS	4	TVTRD084	RESERVED FOR DEVELOPMENT
980	(3D4)	ADDRESS	4	ARELEASE	"V(RELEASE)" IATDMNC I/O RELEASE
984	(3D8)	ADDRESS	4	ASPABND0	SET BY IATABN0 ABEND
		1...		TVTABNOF	"X'80'" HIGH ORDER BIT OF ASPABND0 1-ABN0 DOESN'T CALL ABNO
988	(3DC)	ADDRESS	4	TVTRD086	RESERVED FOR DEVELOPMENT
992	(3E0)	ADDRESS	4	ATRACK	"V(TRACK)" IATDMTK SPOOL SPACE ALLOCATION
					Comment
					ATRACK IATDMTA FOR CI FSS
					End of Comment
996	(3E4)	ADDRESS	4	TVTJBTXP	"V(TRKXPND2)" IATDMTK JOB TAT EXPANSION ROUTINE
1000	(3E8)	ADDRESS	4	TVTSPCK	"V(SPOOLCK)" IATGRCP CHECKPOINT SPOOL STATUS ROUTINE
1004	(3EC)	ADDRESS	4	TVTPTCKP	"V(PTATCKP)" IATGRCP PTAT CKPT ENTRY POINT
1008	(3F0)	ADDRESS	4	TVTRD090 (4)	RESERVED FOR DEVELOPMENT
1024	(400)	ADDRESS	4	AWRITE	"V(WRITE)" IATDMNC SINGLE-BUFFER WRITE
1028	(404)	ADDRESS	4	CONCNVRT	"V(CONCLASS)" IATCNRN CONVERT CONS CLASS TO DISP-MASK
1032	(408)	ADDRESS	4	CHENDAPG	SET BY IATGROP CHANNEL END APPENDAGE
1036	(40C)	ADDRESS	4	TVTRD095	RESERVED FOR DEVELOPMENT

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1040	(410)	ADDRESS	4	TESTSRS	"V(SRSTEST)" IATGRGU TEST DSP DEVICE REQUIREMENT 1
1044	(414)	ADDRESS	4	TVTRD100	RESERVED FOR DEVELOPMENT
1048	(418)	ADDRESS	4	CONREVRT	"V(DESTNAME)" IATCNRN DISP-MASK TO DEST CLASS NAME
1052	(41C)	ADDRESS	4	CONSAUTH	"V(IATCNIA)" IATCNIA CONSOLE AUTHORITY VALIDATION
1056	(420)	ADDRESS	4	DEQMSG	"V(DEQMSGX)" IATCNDQ CONSOLE BUFFER DEQUEUE
1060	(424)	ADDRESS	4	DEVSCAN	"V(DSPSCN)" IATGRG1 IN/OUT PARAMETER SCAN
1064	(428)	ADDRESS	4	DYNALRTY	SET BY IATINDY DYNAL ERROR RECOVERY
1068	(42C)	ADDRESS	4	IATXCPYF	"V(COPYFILE)" IATDMDT Copy File Service
1072	(430)	ADDRESS	4	FINDJNUM	"V(JOBNTEST)" IATGRJN FIND JOB NUMBER
1076	(434)	ADDRESS	4	GETUNIT	"V(GETUNI)" IATGRGU GETUNIT
1080	(438)	ADDRESS	4	IATXAMDV	"V(IATAMDV)" IATGRGU AMBIGUOUS DEVICE MSG RTN
1084	(43C)	ADDRESS	4	IATXELA	"V(ECFADD)" IATGRCT ECF LIST ADD
1088	(440)	ADDRESS	4	IATXELD	"V(ECFDEL)" IATGRCT ECF LIST DELETE
1092	(444)	ADDRESS	4	IATXELS	"V(ECFSCAN)" IATGRCT ECF LIST SCAN
1096	(448)	ADDRESS	4	IATXERCV	"V(IATERCV)" IATDMNC CHAINED SRF ERROR RECOVERY
1100	(44C)	ADDRESS	4	IATXGOSE	"V(IATGOSE)" IATOSGP GET MASTER OSE ROUTINE
1104	(450)	ADDRESS	4	IATXIOX	"V(IOCHECK)" IATDMNC CHECK SRF IO COMPLETION
1108	(454)	ADDRESS	4	IATXIWT	IATIIMS INTERPRETER MESSAGE ROUTINE 1
1112	(458)	ADDRESS	4	IATXPRMD	"V(PRMDTBEX)" IATOSGR PROCESS MODE TABLE EXECUTOR 4
1116	(45C)	ADDRESS	4	TVTRD110	RESERVED FOR DEVELOPMENT
1120	(460)	ADDRESS	4	IATXPOSE	"V(IATPOSE)" IATOSGP PUT MASTER OSE ROUTINE
1124	(464)	ADDRESS	4	IATXPRT	"V(XPRT)" IATGRG1 GNRALZED CORE DUMP
1128	(468)	ADDRESS	4	IATXRABC	"V(DMTKRABC)" IATDMTK I/O RAB CREATE ROUTINE
1132	(46C)	ADDRESS	4	IATXRABD	"V(DMTKRABD)" IATDMTK I/O RAB DESTROY ROUTINE
1136	(470)	ADDRESS	4	IATXRABP	"V(DMTKRABP)" IATDMTK I/O RAB PROCESS ROUTINE
1140	(474)	ADDRESS	4	IATXRELC	"V(DTRELCHN)" IATDMDT I/O RELEASE CHAIN
1144	(478)	ADDRESS	4	IATXSCN1	"V(CONSCAN1)" IATCNRN MESSAGE SCAN ROUTINE ENTRY
1148	(47C)	ADDRESS	4	IATXSCN2	"V(CONSCAN2)" IATCNRN MESSAGE SCAN ROUTINE ENTRY
1152	(480)	ADDRESS	4	IATXSMF	"V(IATSMFW)" IATOSGR QUEUE SMF WRITE REQUEST
1156	(484)	ADDRESS	4	IATXSPR	"V(IATXSPRE)" IATOSGR QUEUE SETPRT REQUEST
1160	(488)	ADDRESS	4	TVTRD112	RESERVED FOR DEVELOPMENT
1164	(48C)	ADDRESS	4	INTERCOM	"V(IATCNICX)" IATCNIC INTERCOM
1168	(490)	ADDRESS	4	JDSADD	"V(JDSADDX)" IATGRJA JDS ADD
1172	(494)	ADDRESS	4	IATXFRQ	"V(FREERSQ)" IATGRRQ FREE RESQUEUE
1176	(498)	ADDRESS	4	JDSGET	"V(JDSGETX)" IATGRJA JDS GET
1180	(49C)	ADDRESS	4	JDSHOLD	"V(JDSHOLDX)" IATGRJA JDS HOLD
1184	(4A0)	ADDRESS	4	JDSPOINT	"V(JDSPNTX)" IATGRJA JDS POINT
1188	(4A4)	ADDRESS	4	JDSPUT	"V(JDSPUTX)" IATGRJA JDS PUT
1192	(4A8)	ADDRESS	4	JDSREL	"V(JDSRELX)" IATGRJA JDS RELEASE 2
1196	(4AC)	ADDRESS	4	JESCLOSE	SET BY IATGROP DEVICE CLOSE
1200	(4B0)	ADDRESS	4	TVTCL012	SET BY IATGROP JESCLOSE BRANCH ENTRY
1204	(4B4)	ADDRESS	4	JESEXCP	SET BY IATGROP DEVICE EXCP
1208	(4B8)	ADDRESS	4	JESCKPNT	"V(JESCHECK)" IATGRCP CHECKPOINT
1212	(4BC)	ADDRESS	4	TVTRD118	Reserved for development
1216	(4C0)	ADDRESS	4	JESMODLK	SET BY IATABMN MODULE NAME LOOK-UP ROUTINE
1220	(4C4)	ADDRESS	4	JESMSG	"V(JESMSGX)" IATGRJM Write msg in job's JESMSGLG 1
1224	(4C8)	ADDRESS	4	JESOPEN	SET BY IATGROP DEVICE OPEN 5
1228	(4CC)	ADDRESS	4	JESREAD	"V(READ)" IATDMNC SINGLE-BUFFER READ
1232	(4D0)	ADDRESS	4	JESSNAP	IATGRVT(F) CHNGD BY JESSNAP WHEN CALLED
1236	(4D4)	ADDRESS	4	TODMSG	"V(TODMSGX)" IATGRJM Create TOD message for job's JESMSGLG dataset
1240	(4D8)	ADDRESS	4	TVTSNPNA	SET BY IATABMN SNAP NUCTASK
1244	(4DC)	ADDRESS	4	JNADD	"V(JNADDX)" IATDCNC JNCB ADD
1248	(4E0)	ADDRESS	4	JNCBHLD	"V(JNCBHLDX)" IATDCNC JNCB SPECIFIC HOLD
1252	(4E4)	ADDRESS	4	JNCBREL	"V(JNCBRELX)" IATDCNC JNCB SPECIFIC RELEASE
1256	(4E8)	ADDRESS	4	JNDEL	"V(JNDELX)" IATDCNC JNCB DELETE
1260	(4EC)	ADDRESS	4	JNGET	"V(JNGETX)" IATDCNC JNCB GET
1264	(4F0)	ADDRESS	4	JNUMR	"V(RETURNJN)" IATGRJN RETURN A JOB NUMBER 2
1268	(4F4)	ADDRESS	4	JSERV	"V(JSERVX)" IATSSJS SUBSYSTEM COMMUNICATION

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
1272	(4F8)	ADDRESS	4	JSSDADR	"V(IATGRJS)" IATGRJS EP FOR IATGRJS
1276	(4FC)	ADDRESS	4	LOGIN	"V(LOGINX)" IATGRLG CONSOLE LOGIN
1280	(500)	ADDRESS	4	LOGOUT	"V(LOGOUTX)" IATGRLG CONSOLE LOGOUT
1284	(504)	ADDRESS	4	IATXRCVL	"V(RCVALID)" IATCNRN ROUTE CODE/DEST CLASS VALIDATION ROUTINE
1288	(508)	ADDRESS	4	TVTRD117	RESERVED FOR DEVELOPMENT
1292	(50C)	ADDRESS	4	MOVEDATA	"V(MOVE)" IATDMDT MOVE DATA
		1...		NCKLOCKD	"X'80'" NCK ROUTINES IN USE
1296	(510)	ADDRESS	4	NCBTAADD	"V(NCBTAADX)" IATDCNC NCB ADD
1300	(514)	ADDRESS	4	NCBTAFND	"V(NCBTAFDX)" IATDCNC NCB FIND
1304	(518)	ADDRESS	4	NCBTAGET	"V(NCBTAGTX)" IATDCNC NCB GET
1308	(51C)	ADDRESS	4	NCBTAPUT	"V(NCBTAPTX)" IATDCNC NCB WRITE
1312	(520)	ADDRESS	4	NCBTAREL	"V(NCBTARLX)" IATDCNC NCB RELEASE
1316	(524)	ADDRESS	4	NCKADD	"V(NCKTADDX)" IATDCNC NCB CKPT ADD
1320	(528)	ADDRESS	4	NCKDEL	"V(NCKTADLX)" IATDCNC NCB CKPT DEL
1324	(52C)	ADDRESS	4	POSTSRS	"V(SRSPOST)" IATGRGU POST SPEC RESHD DSPS UAVL
1328	(530)	ADDRESS	4	PURCHAIN	"V(PURGCHN)" IATDMNC PURGE SINGLE-RECORD FILE CHAIN
1332	(534)	ADDRESS	4	PUTUNIT	"V(PUTUNI)" IATGRGU PUTUNIT
1336	(538)	ADDRESS	4	RCLOSE	IATRJM2 CLOSE TERMINAL DEVICE
1340	(53C)	ADDRESS	4	TVTRD120 (2)	RESERVED FOR DEVELOPMENT
1348	(544)	ADDRESS	4	TVTRS120 (2)	RESERVED FOR SERVICE
1356	(54C)	ADDRESS	4	TVTRU120 (2)	RESERVED FOR USER 3
1364	(554)	ADDRESS	4	RJPIO	IATRJM2 I/O TO TERMINAL DEVICE
1368	(558)	ADDRESS	4	RJPSNAP	IATGRVT CHANGED BY RJPSNPS DSP
1372	(55C)	ADDRESS	4	ROPEN	IATRJM2 OPEN TERMINAL DEVICE
		1...		TVTRJPAC	"X'80'" HI-ORDER BIT OF ROPEN 1 - RJP IS ACTIVE
1376	(560)	ADDRESS	4	TVTRU130	RESERVED FOR USER
1380	(564)	ADDRESS	4	RQTAADD	"V(RQTAADDX)" IATGRRQ RESQUEUE TABLE ADD
1384	(568)	ADDRESS	4	RQTADEL	"V(RQTADELX)" IATGRRQ RESQUEUE TABLE DELETE
1388	(56C)	ADDRESS	4	RQTAPUT	"V(RQTAPUTX)" IATGRRQ RESQUEUE TABLE PUT
1392	(570)	ADDRESS	4	TVTRD130	RESERVED FOR DEVELOPMENT
1396	(574)	ADDRESS	4	TVTRS130	RESERVED FOR SERVICE
1400	(578)	ADDRESS	4	SPINOFF	"V(SPINOFFX)" IATOSGR SPINOFF SCHEDULING
1404	(57C)	ADDRESS	4	TVTRS140 (24)	RESERVED FOR SERVICE 4
1500	(5DC)	ADDRESS	4	TVTCISCH	IATIICS C/I SCHEDULER ENTRY POINT
1504	(5E0)	ADDRESS	4	TVTDSSCH	IATIIPC DISABLE PROCESSING AND SCHEDULING ENTRY POINT
1508	(5E4)	ADDRESS	4	TVTPSSCH	IATIIPS POSTSCAN SCHEDULER ENTRY PT
1512	(5E8)	ADDRESS	4	TVJCTREL	"V(XJCT2000)" IATGRJX DEQ FCT FROM ALL JCT'S
1516	(5EC)	SIGNED	4	TVTRD00H	RESERVED FOR DEVELOPMENT
1520	(5F0)	ADDRESS	4	TVTDISK	"V(DISK)" IATDMNC ENTRY PT FROM JSAM FCT
1524	(5F4)	ADDRESS	4	TVTRD140	RESERVED FOR DEVELOPMENT
1528	(5F8)	ADDRESS	4	TVTFSEPS (0)	Start IATGRFS entry pt list
1528	(5F8)	ADDRESS	4	TVTFSSST	IATGRFS IATXFSS TYPE=START ENTRY
1532	(5FC)	ADDRESS	4	TVTFSSFS	IATGRFS IATXFSS TYPE=FSSSTART ENTRY
1536	(600)	ADDRESS	4	TVTFSSCK	IATGRFS IATXFSS TYPE=CHKPT ENTRY
1540	(604)	ADDRESS	4	TVTFSSAB	IATGRFS IATXFSS TYPE=ABEND ENTRY
1544	(608)	ADDRESS	4	TVTFSSCL	IATGRFS IATXFSS TYPE=CLEANUP ENTRY
1548	(60C)	ADDRESS	4	TVTFSSAM	IATGRFS IATXFSS TYPE=AMBCHK ENTRY
1552	(610)	ADDRESS	4	TVTFSSFP	IATGRFS IATXFSS TYPE=FSAPOST ENTRY
1556	(614)	ADDRESS	4	TVTFSSRS	IATGRFS FSS Resource Termination Routine
1560	(618)	ADDRESS	4	TVTFSEPN (0)	End IATGRFS entry pt. list
1560	(618)	X'20'	0	TVTFSEPL	"TVTFSEPN-TVTFSEPS" Len IATGRFS entry pt. list
1560	(618)	ADDRESS	4	TVTGMS1	"V(UPDTCLCN)" IATMSCC Update GMS constraints
1564	(61C)	ADDRESS	4	TVTINPUT	"V(INPUT)" IATDMNC I/O INPUT ROUTINE
1568	(620)	ADDRESS	4	TVTOUTPT	"V(OUTPUT)" IATDMNC I/O OUTPUT ROUTINE
1572	(624)	ADDRESS	4	TVTXJCT	"V(IATXJCT)" IATGRJX JCT ACCESS ROUTINE
1576	(628)	ADDRESS	4	TVTXJQE	"V(IATXJQE)" IATGRJX JQE ACCESS ROUTINE
1580	(62C)	ADDRESS	4	TVTXSQE	IATGRSQ ADDR OF STORAGE Q MNGR
1584	(630)	ADDRESS	4	TVTXTOD	"V(TODX)" IATGRCT TOD SERVICE ROUTINE
		1...		TVTXTODF	"X'80'" HIGH ORDER BIT OF TVTXTODF 1-BINARY REQUEST
1588	(634)	ADDRESS	4	TVTCNTOR	"V(CNTORG)" IATGRCT RTN TO CYCLE FCTS W/O AWAIT

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
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(SSDSDLON)" IATSSDS Activate a dest queue entry
1652	(674)	ADDRESS	4	DSQLOCEP	"V(SSDSDLOC)" IATSSDS Locate a dest queue entry
1656	(678)	ADDRESS	4	DLOCOFF	"V(SSDSDLOF)" IATSSDS Deactivate a dest queue entry
1660	(67C)	ADDRESS	4	TVTRD150 (3)	RESERVED FOR DEVELOPMENT
1672	(688)	ADDRESS	4	TVTRS150 (9)	RESERVED FOR SERVICE
1708	(6AC)	ADDRESS	4	TVTRU150 (10)	RESERVED FOR USER
1748	(6D4)	ADDRESS	4	TVTEPE (0)	END OF ENTRY POINTS

Comment

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  TVTEPE MARKS THE END OF THE TVT ENTRIES IMPACTING IATUTIC
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  MISCELLANEOUS TABLES AND DATA POINTERS - FULLWORD
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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	TVTRSV02	Reserved for IBM 0008
1802	(70A)	SIGNED	2	TVTSUPNO	SET BY IATINDEV NUMBER OF SUPUNITS
1804	(70C)	SIGNED	4	TVTRD165	RESERVED FOR DEVELOPEMENT
1808	(710)	BITSTRING	12	TVTDSFDB	DUMP SUPPRESSION CKPT
1820	(71C)	ADDRESS	4	TVTDMCDE	DUMP SUPPRESSION TABLE

Comment

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      GMS LOCK FLAG AND HOLDING FCT ADDRESS
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End of Comment

1824	(720)	SIGNED	4	TVTGMSUP	GMS FCT

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
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	DSPPSTSC	"V(POSTSCAN)" IATGRPT DSP DICT ENTRY FOR POSTSCAN
1884	(75C)	ADDRESS	4	DSPDMJA	"V(DMJA)" IATGRPT DSP DICT ENTRY FOR DMJA
1888	(760)	ADDRESS	4	DSPOUTPT	"V(OUTSERV)" IATGRPT DSP DICT ENTRY FOR OUTSERV
1892	(764)	ADDRESS	4	DSPFSSCT	"V(FSSCONT)" IATGRPT DSP DICT ENTRY FOR FSS CONTROLLER
1896	(768)	ADDRESS	4	DSPURGE	"V(PURGE)" IATGRPT DSP DICT ENTRY FOR PURGE
		1...		TVTDRFLG	"X'80'" HIGH ORDER BIT OF DRDCB 1 = DRDCB IN USE
1900	(76C)	BITSTRING	1	DNMCONVI	IATGRPT(F) DSP NUMBER FOR CI
1901	(76D)	BITSTRING	1	DNMDISBL	IATGRPT DSP NUMBER FOR DISABLE
1902	(76E)	BITSTRING	1	DNMENABL	IATGRPT DSP NUMBER FOR ENABLE
1903	(76F)	BITSTRING	1	DNMISDRV	IATGRPT DSP NUMBER FOR INPUT SERV.
1904	(770)	BITSTRING	1	DNMMAIN	IATGRPT DSP NUMBER FOR MAIN
1905	(771)	BITSTRING	1	DNMPSTSC	IATGRPT DSP NUMBER FOR POSTSCAN
1906	(772)	BITSTRING	1	TVTRD190	RESERVED FOR DEVELOPMENT
1907	(773)	BITSTRING	1	DNMOUTPT	IATGRPT DSP NUMBER FOR OUTSERV
1908	(774)	BITSTRING	1	DNMPURGE	IATGRPT DSP NUMBER FOR PURGE
1909	(775)	BITSTRING	1	TVTRD200	RESERVED FOR DEVELOPMENT
1910	(776)	SIGNED	2	TVTSJFWK	IATUX20 SWBTUREQ WORKING STG SIZE 2
1912	(778)	ADDRESS	4	FIRSTDEB	SET BY IATGROP ADDR OF JES3 EXCP DEB AVT 2
1916	(77C)	ADDRESS	4	TVTFSFCT	"V(FSFCT)" IATGRPT FCT FOR FAILSOFT
1920	(780)	ADDRESS	4	TVTWTFCT	"V(WAITFCT)" IATGRPT WAIT FCT
1924	(784)	ADDRESS	4	IOERRFCT	SET BY IATDMGB DISK I/O ERROR RECOVERY FCT 4
1928	(788)	ADDRESS	4	TVTSPLST	IATINSP SPOOL PARTITION QUEUE
1932	(78C)	ADDRESS	4	TVTTGBAD	IATDMTK ADDR OF TRACK BYPASS TABLE
1936	(790)	ADDRESS	4	TVTBTR	IATDMTK BTR CKPT RCD (CKPT DS BACKUP)
1940	(794)	ADDRESS	4	TVTPTCAD	IATINSP ADDR OF PTAT CKPT RECORD
1944	(798)	ADDRESS	4	TVTSPREL	IATINSP SPART RELATIVE VECTOR
1948	(79C)	ADDRESS	4	TVTEXREL	IATINSP EXTENT RELATIVE VECTOR
1952	(7A0)	ADDRESS	4	TVTSPINT	IATINSP INITIALIZATION SPOOL PARTITION
1956	(7A4)	ADDRESS	4	TVTSPDEF	IATINSP DEFAULT SPOOL PARTITION
1960	(7A8)	BITSTRING	8	TVTSPID	IATINSD SPOOL CHECKPNT ID (DATE/TIME)
1968	(7B0)	BITSTRING	1	TVTSPFLG	SPOOL STATUS FLAGS

Comment

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        DEFINITION OF TVTSPFLG
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End of Comment

1...	TVTSPPCK	"X'80'" IATGRCP PTATS CHECKPOINTED
.1..	TVTSPDEL	"X'40'" IATINSD A SPOOL DS WAS DELETED
..1.	TVTSPUNV	"X'20'" IATINSD A SPOOL DS IS UNAVAILABLE
...1	TVTSPRPL	"X'10'" IATINSD A SPOOL DS WAS REPLACED
.... 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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		1		TVTSPTAP	"X'01'" IATINSP TRACK ALLOCATION PERMITTED
1969	(7B1)	BITSTRING	1	TVTSPFL2	SPOOL STATUS FLAGS (BYTE 2)

Comment

DEFINITION OF TVTSPFL2

End of Comment

1970	(7B2)	SIGNED	2	TVTSP	IATINIO NUMBER OF SPOOL PARTITIONS
1972	(7B4)	BITSTRING	28	TVTRTAT	IATINSNA - RJPTAT FDB 1
2000	(7D0)	BITSTRING	2	TVTRS210	RESERVED FOR SERVICE
2002	(7D2)	BITSTRING	6	TVTINSPA	SAVED JOB TAT SPOOL ADDRESS USED FOR INITIALIZATION
2008	(7D8)	BITSTRING	12	TVTRU210	RESERVED FOR USER
2020	(7E4)	ADDRESS	4	TVTNTRCA	IATINIT NUC TASK PATH TRACE TABLE
2024	(7E8)	ADDRESS	4	TVTATRCA	IATINAX AUX TASK PATH TRACE TABLE
2028	(7EC)	ADDRESS	4	TVTJNCHN	IATGRAN PTR TO IATYJNRM C/BLOCK
2032	(7F0)	ADDRESS	4	TVTRD210	Reserved for development
2036	(7F4)	ADDRESS	4	OSSRQTOP	IATOSDR START OF RQ OUTPUT CHAIN
2040	(7F8)	ADDRESS	4	OSSWAIT	SET BY IATGRRQ OUTPUT SERVICE WAIT Q
2044	(7FC)	ADDRESS	4	TVTRS219	Reserved for development
2048	(800)	DBL WORD	8	(0)	ALIGN TO DOUBLEWORD
2048	(800)	ADDRESS	4	RJPASYNQ	RJP ASYNCHRONOUS BUFFER QUEUE
2052	(804)	ADDRESS	4	RJPECB (0)	RJP POST ECB
2052	(804)	BITSTRING	1	RJPECF	RJP POST FLAG BYTE
2053	(805)	BITSTRING	3		USED BY MVS POST
		1...		RJPECFCE	"X'80'" CHANNEL END OCCURRED
		.1..		RJPECFTM	"X'40'" TIME LIMIT EXPIRED
		..1.		RJPECFAB	"X'20'" RJP LINE TO BE CANCELLED
		...1		RJPECFOP	"X'10'" OPERATOR COMMAND RECEIVED
		.... 1...		RJPECFST	"X'08'" RJP LINE TO BE STARTED
		.... .1..		RJPECFCN	"X'04'" REMOTE CONS Q-ED TO DEPTH
		.... ..1.		RJPECFLL	"X'02'" LOCAL LOCK FREED POST
2056	(808)	ADDRESS	4	RJPLDCTQ	ACTIVE LINE QUEUE
2060	(80C)	ADDRESS	4	RQWTRTOP	SET BY IATGRRQ OUTPUT SERVICE WTR Q
2064	(810)	ADDRESS	4	SNAPDCBA	SET BY IATABMN JES3SNAP DCB
2068	(814)	ADDRESS	4	SPORQTOP	IATOSDR START OF SPINOFF RQ CHAIN 9
2072	(818)	ADDRESS	4	TVTCITCB	IATINAT C/I SUBTASK TCB
2076	(81C)	ADDRESS	4	TVTICTCH	IATINAT INTERP. CONTROL TABLE CHAIN
2080	(820)	ADDRESS	4	TIDSNT	IATINIF RESDSN TABLE ADDRESS
2084	(824)	ADDRESS	4	TIHWST	IATINIF HIGHWATER SETUP NAME TABLE
2088	(828)	ADDRESS	4	TIPARMS	IATINIF CIPARM TABLE ADDRESS
2092	(82C)	ADDRESS	4	TPROCCHN	IATINIP CI PROCLIB TABLE ADDRESS 2
2096	(830)	ADDRESS	4	TVTCKFCT	ADDR OF FCT ISSUING ERRXXX
2100	(834)	ADDRESS	4	TVTCKMSG	ADDR OF MSG BUFFER ERRXXX
2104	(838)	BITSTRING	4	TVTFSLGA	IATABMN FAILSOFT LOGOUT AREA (AVAIL)
		1...		TVTFSLOG	"X'80'" HIGH ORDER BIT OF TVTFSLGA 1-LOGOUT AREA AVAILABLE
2108	(83C)	BITSTRING	4	TVTFSWA	IATINIT FAILSOFT WK AREA-SP5 (AVAIL)
		1...		TVTFSWRK	"X'80'" HIGH ORDER BIT OF TVTFSWA 1-WORK AREA AVAILABLE
2112	(840)	ADDRESS	4	TVTIOPRM	IATINSD ADDR I/O PARAMETER BLOCK 1
2116	(844)	ADDRESS	4	TVTIQECA	"V(INQECF)" INQUIRY ECF ADDRESS
2120	(848)	ADDRESS	3		MUST BE ZERO
2123	(84B)	ADDRESS	1	TVTIQECM	INQUIRY LOCAL PROC ECF MASK
2124	(84C)	ADDRESS	4	TVTITKPM	SET BY IATINIT IATINTK PARMS LIST ADDR
2128	(850)	ADDRESS	4	TVTJDEQ	"V(ALDJDEQ)" IATGRLD JES3 ALOAD Q
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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
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	TVTRD218	RESERVED FOR DEVELOPMENT
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 (6)	RESERVED FOR SERVICE
2204	(89C)	ADDRESS	4	TVTDCNDB	"V(DUMYCNDB)" Address of dummy CNDB in TVT extension
2208	(8A0)	ADDRESS	4	TVTJMQA	JESMSG Q CONTROL ADDRESS
2212	(8A4)	ADDRESS	4	TVTJSSDA	"V(JSSDATA)" JSS WAIT & READY QUEUES
2216	(8A8)	SIGNED	4	TVTMSDM	MSG ID FOR IAT1101/IAT1103

Comment

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

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

Comment

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          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
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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

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

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

				End of Comment	
2352	(930)	SIGNED	4	TVTINSAV (0)	
2352	(930)	SIGNED	8	TVINITID	SET BY IATINIC,INCD SPOOL RCRDS INISH ID
2352	(930)	X'930'	0	TVTIDDAT	"TVINITID,4" Date portion of id
2352	(930)	X'934'	0	TVTIDTIM	"TVINITID+4,4" Time portion of id
2360	(938)	BITSTRING	12	TVTHRINF (0)	Hot/Refresh information
2360	(938)	SIGNED	4	TVTHRDAT	Hot/refresh date
2364	(93C)	SIGNED	4	TVTHRTIM	Hot/refresh time
2368	(940)	SIGNED	4	TVTHRCNT	Number of hot starts with refresh since last cold or warm start
2372	(944)	BITSTRING	12	TVTCFINF (0)	*MODIFY,CONFIG information
2372	(944)	SIGNED	4	TVTCFDAT	*MODIFY,CONFIG date
2376	(948)	SIGNED	4	TVTCFTIM	*MODIFY,CONFIG time
2380	(94C)	SIGNED	4	TVTCFCNT	Number of *MODIFY,CONFIG requests since last cold, warm, or hot start with refresh
2384	(950)	SIGNED	4	TVTRD240 (3)	Reserved for development
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	TVTMXDCI	MAXIMUM NUMBER OF CI DSPS FOR DEMAND/SELECT JOBS IN ADDRESS SPACE
2448	(990)	SIGNED	4	TVTUCDCI	DEMAND/SELECT CI DSPS : NUMBER IN USE
2452	(994)	SIGNED	4	TVTATDCI	DEMAND/SELECT CI SUBTASKS NUMBER ATTACHED 4
2456	(998)	SIGNED	4	TVTSBCNT (0)	IATINAT INTERP DSP SUBTASK COUNTS
2456	(998)	X'99A'	0	TVTCICNT	"TVTSBCNT+2,2" NUMBER OF C/I SUBTASKS
2460	(99C)	SIGNED	4	TVTPSDMX	DEMAND/SELECT POSTSCAN DSPS MAXIMUM NUMBER
2464	(9A0)	SIGNED	4	TVTPSDUS	DEMAND/SELECT POSTSCAN DSPS NUMBER IN USE
2468	(9A4)	CHARACTER	8	XCFGRPNM	JESXCF GROUP NAME SPECIFIED ON THE OPTIONS INITIAL- IZATION STATEMENT, BLANK IF NOT SPECIFIED OR NOT SPECIFIED CORRECTLY
2476	(9AC)	CHARACTER	8	XCFDEFGP	Home Node name from last Cold or Warm start. Used for XCFGRPNM default.
2484	(9B4)	SIGNED	4	TVTBSZDT	BUFFER DATA SIZE
2488	(9B8)	SIGNED	4	TVTCPUID	CPUID FROM SMCA
2492	(9BC)	SIGNED	4	TVTDATSZ	IATINIO IATYDAT SIZE (BUFSZ+DAT HDR)

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
2496	(9C0)	SIGNED	4	TVTDMSAV (4)	TRACE SAVE AREA
2512	(9D0)	SIGNED	4	TVTDMTRC (8)	JES3IOS TRACE DATA AREA
2544	(9F0)	SIGNED	4	TVTRSV03	Reserved for IBM
2548	(9F4)	SIGNED	4	TVTMAINJ	MAIN MASK OF ALL JES3 MAINS
2552	(9F8)	SIGNED	4	TVTSIOSV (6)	JES3SDM SAVE AREA
2576	(A10)	SIGNED	4	TVTUTIC	IATUTIC WORK AREA
2580	(A14)	SIGNED	4	TVTWAITS	IATGRCT TOTAL OS WAITS - JES3 TCB
2584	(A18)	SIGNED	4	TVTMNSMS	MASK OF MAIN PROCESSORS THAT HAVE SMS INSTALLED
2588	(A1C)	SIGNED	4	TVTRD260 (9)	RESERVED FOR DEVELOPMENT
2624	(A40)	SIGNED	4	TVTVALID	IATDMTK Maximum VALID value used
2628	(A44)	SIGNED	4	TVTRS260 (13)	Reserved for Service 0027
2680	(A78)	SIGNED	2	TVTRS261	Reserved for Service 0027
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	JSAM BUFFER POOL- EXPANSION LIMIT
2694	(A86)	SIGNED	2	TVTJBEXP	COUNT OF JSAM BUFFER POOL- EXPANSIONS
2696	(A88)	SIGNED	4	TVTRU260 (5)	RESERVED FOR USER 2
2716	(A9C)	SIGNED	4	TVTSCANI	IATGRLD SCAN CYCLE INTERVAL USED IN SCAN DELETE ROUTINE. TO DISABLE ROUTINE, SET THIS VALUE TO ZERO
2720	(AA0)	SIGNED	4	TVTRD270 (2)	RESERVED FOR DEVELOPMENT
2728	(AA8)	SIGNED	4	TVTRS270 (2)	RESERVED FOR SERVICE
2736	(AB0)	SIGNED	4	TVTRU270 (2)	RESERVED FOR USER
2744	(AB8)	SIGNED	2	TVTDMCSZ	LENGTH OF ONE DMC
2746	(ABA)	SIGNED	2	TVTDMCPG	# OF DMC'S FIT IN ONE PAGE
2748	(ABC)	SIGNED	4	TVTRD280 (4)	RESERVED FOR DEVELOPMENT
2764	(ACC)	SIGNED	4	TVTMUBLN	IATINIO MAXIMUM USER BUFFER LENGTH, THIS FIELD IS THE MAXIMUM SPACE AVAILABLE FOR USER DATA IN ONE BUFFER. IT EQUALS TVTBSZDT - L'DATCC.
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

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-------------------------------------------------------------
          FDB'S AND DATA - HALFWORD
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End of Comment

2808	(AF8)	BITSTRING	12	DJCCKFDB	DJC CKPT FDB 1
2820	(B04)	BITSTRING	12	GMSFDB	MAIN SCHEDULING CHKPT FDB 1
2832	(B10)	BITSTRING	28	MNTRKFDB	SINGLE TRACK TABLE TAT FDB 4
2860	(B2C)	BITSTRING	12	SMRFDB	SELECT MODE RECORD FDB 1
2872	(B38)	BITSTRING	12	TVONLFDB	SYSUN VARY STATUS CKPT FDB 1
2884	(B44)	BITSTRING	28	JCTRKFDB	JCT ALLOCATION DUMMY TAT FDB 3
2912	(B60)	BITSTRING	12	TVTFSSFD	FSS/FSA CHECKPT ROOT FDB
2924	(B6C)	BITSTRING	4	TVTRD290	RESERVED FOR DEVELOPMENT 6
2928	(B70)	BITSTRING	12	TVVCKFDB	VUA CHECKPOINT FDB
2940	(B7C)	SIGNED	2	AFGABNUM	IATABMN JES3 FAILURE NUMBER
2942	(B7E)	SIGNED	2	AIOBFUSE	IATINIO NUMBER OF BUFFERS IN USE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
2944	(B80)	SIGNED	2	TVTSNNUM	JES3 FAILURE NUMBER ASSOCIATED WITH SNAP NUCTASK REQUEST.
2946	(B82)	SIGNED	2	AIONBUFS	IATINIO NUMBER OF JES3 BUFFERS
2948	(B84)	SIGNED	2	AIONOBFM	IATINIO MAX NUMBER EVER IN USE 12
2950	(B86)	SIGNED	2	TVTRD300 (2)	Reserved for IBM
2954	(B8A)	SIGNED	2	TVTDATFS	IATINIO SIZE FIXED PORTION IATYDAT
2956	(B8C)	SIGNED	2	TVTRD305 (6)	Reserved for IBM 2
2968	(B98)	SIGNED	2	AIOBMIN	- IATINIO MIN. JSAM BUFFERS
2970	(B9A)	SIGNED	2	TVTDYSCR	DYNALLOC SCRATCH JVT NUMBER
2972	(B9C)	SIGNED	2	TVTRS310 (4)	Reserved for Service
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
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

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

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          FLAGS AND ECFS
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End of Comment

3006	(BBE)	BITSTRING	1		Reserved for development
3007	(BBF)	BITSTRING	1	AFGFLAG2	FLAG BYTE 2
		1...		AFGGMPF	"X'80'" CONSTD, GLOBMPF=YES
		.1..		AFGNOCPF	"X'40'" No sysplex prefix defined 0101 to CPF (XCFLOCAL mode) 0101
		..1.		AFGRS220	"X'20'" Reserved flag
		...1		AFGRS210	"X'10'" Reserved flag
		.... 1...		AFGRS208	"X'08'" Reserved flag
		.... .1..		AFGRS204	"X'04'" Reserved flag
		.... ..1.		AFGRS202	"X'02'" Reserved flag
		1		AFGRS201	"X'01'" Reserved flag
3008	(BC0)	BITSTRING	1	TVTLIMF	LIMIT FLAG
		1...		TVTCANB	"X'80'" MAX BYTES EXCEEDED, CNCL JOB
		.1..		TVTDMPB	"X'40'" MAX BYTES EXCEEDED, DUMP JOB
		..1.		TVTCANP	"X'20'" MAX PAGES EXCEEDED, CNCL JOB
		...1		TVTDMPP	"X'10'" MAX PAGES EXCEEDED, DUMP JOB
		.... 1...		TVTCANC	"X'08'" MAX CARDS EXCEEDED, CNCL JOB
		.... .1..		TVTDMPC	"X'04'" MAX CARDS EXCEEDED, DUMP JOB
		.... ..1.		TVTCANL	"X'02'" MAX LINES EXCEEDED, CNCL JOB
		1		TVTDMPL	"X'01'" MAX LINES EXCEEDED, DUMP JOB
3009	(BC1)	BITSTRING	1	AFGFLAG5	FLAG BYTE 5
		1...		AFGDLPST	"X'80'" DEADLINE POST 1 1
3010	(BC2)	BITSTRING	1	AIOFLAG1	IATINIO FLAGS
		1...		AIORDWRT	"X'80'" I/O REQ FROM READ/WRITE RTN
		.1..		AIOFDNEW	"X'40'" ON WHEN FD ENTRIES ARE AVAIL
		..1.		AIOGETBF	"X'20'" GETBUF REQUEST
		.... 1...		AIONOSPC	"X'08'" NO SPACE ON QUEUE PACKS
		.... .1..		AIOSNGIO	"X'04'" SET FOR SINGL REC I/O REQUEST
3011	(BC3)	BITSTRING	1	AIOFLAG2	IATINIO FLAGS
		1...		AIONOAWT	"X'80'" GETBUF WITHOUT AWAIT
		..1.		AIORESPG	"X'20'" INVERSE PURGE STT ENTRY
		...1		AIOPTJSM	"X'10'" Post of JSAM is required
		.... 1...		AIOJQMSG	"X'08'" Reserved for IBM
		.... .1..		AIOMSOUT	"X'04'" MINIMAL JSAM BUFFER MSG (IAT1101/IAT1103) OUTSTANDING
		.... ..1.		AIOMCMSG	"X'02'" MARG TRK COND IN INIT
		1		AIOMNBUF	"X'01'" MIN. JSAM BUF COND.
3012	(BC4)	BITSTRING	1	JSSFLG1	JSS FLAG BYTE

Comment

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-------------------------------------------------------------
          DEFINITION OF JSSFLG1
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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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		..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
		.... .1..		JSSEFADD	"X'04'" ENDING FUNCTION RQ ADDED TO EF CHAIN (INDEX=RQDONE OR RQCMPLT)
		.... ..1.		JSSPROCN	"X'02'" A PROCLIB HAS BEEN ENABLED
		1		JSSRQTMR	"X'01'" TIMER INTERVAL EXPIRED FOR RETRY AFTER RQ SHORTAGE
3013	(BC5)	BITSTRING	1	JSSFLG2	JSS FLAG BYTE

Comment

DEFINITION OF JSSFLG2

End of Comment

		1...		JSSFSTIM	"X'80'" JSS FIRST PASS AFTER START
		.1..		JSSACTIV	"X'40'" JSS FIRST PASS COMPLETED
		..1.		JSSCHKPT	"X'20'" JSS CHECKPOINT JCT REQUEST
		...1		JSSSTART	"X'10'" *S JSS HAS BEEN ISSUED
		.... 1...		JSSWORKQ	"X'08'" ONE OR MORE JQES HAVE BEEN ADDED TO THE JSS READY Q
		.... .1..		TVTMPLAV	"X'04'" A MAIN PROCESSOR HAS 0181 BECOME AVAILABLE 0181
		.... ..1.		TVTDPJEN	"X'02'" DUPJOBNM SET TO YES
		1		TVTCIJSS	"X'01'" C/I JSAM buffers available 0082
3014	(BC6)	BITSTRING	1	TATFLAGS	IATINIO FLAGS
		1...		TATMINQ	"X'80'" Minimal tracks condition for the default spool partition
		.1..		TATMRGQ	"X'40'" Marginal tracks condition for the default spool partition
		..1.		TATGMSSP	"X'20'" Potential GMS job select suspend condition. This occurs when a spool partition and all of its overflow partitions are in a marginal tracks condition.
3015	(BC7)	BITSTRING	1	JSSTPOST	JSS TIMER POST FLAGS
3016	(BC8)	BITSTRING	1	TVTRD315	Reserved for development 0012 9
3017	(BC9)	BITSTRING	1	TVTFSFG1	FAILSOFT FLAGS
		1...		AFGESTAE	"X'80'" ESTAE EXIT RTN IN CONTROL
		.1..		AFGPJES3	"X'40'" JES3 TERMINATION REQUIRED
		..1.		AFGFSACT	"X'20'" JES3 FAIL SOFT IS ACTIVE
		...1		TVTFSUFD	"X'10'" SET BY IATABN0 UNFORMATTED DUMP TAKEN OK
		.... 1...		AFGDMPOS	"X'08'" OPTIONS,DUMP=MVS
		.... .1..		AFGDMPSA	"X'04'" OPTIONS,DUMP=PRDMP
		.... ..1.		TVTFSNDP	"X'02'" OPTIONS,WANTDUMP=NO
		1		TVTFSASK	"X'01'" OPTIONS,WANTDUMP=ASK
3018	(BCA)	BITSTRING	1	TVTFSFG2	FAILSOFT FLAGS
		1...		AUXPTERM	"X'80'" AUXTASK IS TERMINATING
3019	(BCB)	BITSTRING	1	TVTINTRP	FLAGS FOR INTERPRETER OPTIONS
3019	(BCB)	X'BCB'	0	TVTMDFLG	"TVTINTRP" FLAGS FOR MAIN DEVICE SCHED
		1...		TVTFETCH	"X'80'" SET BY IATINMD MAIN DEVICE FETCH OPTION
		.1..		TVTPREFR	"X'40'" SET BY IATINCH THWSSEP=PREFER
		..1.		TVTREQUI	"X'20'" SET BY IATINCH THWSSEP=REQUIRE
		...1		TVTSMSET	"X'10'" JES3 IS DOING DATA SET ALLOCATION FOR SMS RESOURCES
		.... .1..		TVTANYJS	"X'04'" INTERPRETER DEFAULT ANYJES
		.... ..1.		TVTANYRL	"X'02'" INTERPRETER DEFAULT ANYREAL
		1		TVTBOTH	"X'01'" INTERPRETER DEFAULT BOTH
3020	(BCC)	BITSTRING	1	TVTSETUP	FLAGS FOR SETUP OPTIONS
		1...		MSSACT	"X'80'" SET BY IATINMD SETPARAM,MSS=...
		.1..		MSSJOB	"X'40'" SET BY IATINMD MSS=JOB; ELSE, =HWM
		..1.		MSSDEPTH	"X'20'" SET BY IATINMD SETPARAM,MSSDEPTH=YES
		...1		TVTRSF10	"X'10'" Reserved for IBM

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... 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
3021	(BCD)	X'E0'	0	DYNSAMSK	"DYNALOC+DYNUNAL+DYNCDD" SA POST
3022	(BCE)	BITSTRING	1	TVTDYNL	FLAGS FOR DYNAL FCT
		1...		TVTDRCRC	"X'80'" RECOVERY RECURSION FLAG
3023	(BCF)	BITSTRING	1	TVTSTFLG	IBM SYSTEM TESTING USE
		1...		TVTSTFG0	"X'80'"
		.1..		TVTSTFG1	"X'40'"
		..1.		TVTSTFG2	"X'20'"
		...1		TVTSTFG3	"X'10'"
		.... 1...		TVTSTFG4	"X'08'"
		.... .1..		TVTSTFG5	"X'04'"
		.... ..1.		TVTSTFG6	"X'02'"
		1		TVTSTFG7	"X'01'"
3024	(BD0)	BITSTRING	1	TVTVS2F1	SUBSYSTEM MODE FLAG
		1...		TVTPRSUB	"X'80'" JES3 IS PRIMARY SUBSYSTEM
		.1..		TVTGLOBL	"X'40'" GLOBAL MODE INDICATOR
		..1.		TVTLOCAL	"X'20'" LOCAL MODE INDICATOR
		.... 1...		TVTVIRT	"X'08'" SYSTEM IS VIRTUAL
		.... .1..		TVTOLDGL	"X'04'" SYSTEM WAS AN OLD GLOBAL

Comment

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-------------------------------------------------------------
      JESMSGLG Suppression Flags from STANDARDS statement
-------------------------------------------------------------
```

End of Comment

3025	(BD1)	ADDRESS	1	TVTJESMS	JESMSGLG flag (default set to NOTSO)
		1...		TVTJNTSO	"X'80'" TSO JESMSGLG suppression flag
		.1..		TVTJNSTC	"X'40'" STC JESMSGLG suppression flag
		..1.		TVTJNBAT	"X'20'" Batch JESMSGLG suppression flag
3026	(BD2)	BITSTRING	1	TVTCIFLG	FLAG FOR C/I
		1...		TVTCBCLS	"X'80'" CIBATCH=CLASS (STANDARDS)
		.1..		TVTCBJOB	"X'40'" CIBATCH=JOB " @WA35670
		..1.		TVTCDCLS	"X'20'" CIDEMAND=CLASS " @WA35670
		...1		TVTCDJOB	"X'10'" CIDEMAND=JOB " @WA35670
		.... 1...		TVTCFR08	"X'08'" RESERVED FLAG
		.... .1..		TVTCFR04	"X'04'" RESERVED FLAG
		.... ..1.		TVTCFR02	"X'02'" RESERVED FLAG
		1		TVTCFR01	"X'01'" RESERVED FLAG
3027	(BD3)	BITSTRING	1	TVTRU320	RESERVED FOR USER

Comment

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-------------------------------------------------------------
     NOTE: THE TVTFSSID WILL BE ZERO IF NOT EXECUTING
              IN AN FSS ADDRESS SPACE
-------------------------------------------------------------
```

End of Comment

3028	(BD4)	SIGNED	4	TVTFSID (0)	FSS ID
3028	(BD4)	SIGNED	2	TVTFSSID	FSS PORTION OF FSS ID
3030	(BD6)	SIGNED	2	TVTFSAID	FSA PORTION OF FSS ID
3032	(BD8)	BITSTRING	1	TVTFSFLG	FSS FLAG
		1...		TVTFSSAD	"X'80'" EXECUTING IN FSS ADDRESS SPACE
		.1..		TVTCIFSS	"X'40'" CI FSS ADDRESS SPACE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
3033	(BD9)	BITSTRING	1	UAVLFLG	UNIT AVAILABLE FLAG
3034	(BDA)	BITSTRING	1	AIOBFECF	IF NON-0, JES BUFS ARE AVAIL
3035	(BDB)	BITSTRING	1	MSGCECF	ECF FOR IATMSGC
		1...		GECFSTAD	"X'80'" STA ADDRESS POST
		.1..		GECFMCON	"X'40'" MAIN CONNECT POST
		..1.		GECFMTRK	"X'20'" MINTRK CLEAR POST

Comment

```
-----------------------------------------------------------
  TVTPTECF MASK IS USED AGAINST TWO FLAG BYTES:
        MSGCECF AND TVTPATH
-----------------------------------------------------------
TVTPTECF EQU X'10' SEE BELOW FOR DEFINITION
```

End of Comment

		.... 1...		GECFJOBN	"X'08'" Job number shortage cleared post
3036	(BDC)	BITSTRING	1	OSEFLAGS	ECF FLAG FOR IATOSDR
		1...		SPINPOST	"X'80'" SPINOFF OUTPUT TO PROCESS
		.1..		OSEOUTPT	"X'40'" NORMAL OUTPUT TO PROCESS
		..1.		OSETIMER	"X'20'" TIMER INTERVAL TO PROCESS
		...1		OSEWTRS	"X'10'" WRITER OUTPUT PENDING
		.... 1...		INITOPS	"X'08'" FIRST OUTSERV POST (BY JSS)
		.... .1..		OSERQWS	"X'04'" SELECTIVE RESQ WTR START
		.... ..1.		OSEWTRSL	"X'02'" START SPECIFIED WTR
3037	(BDD)	BITSTRING	1	TVTRD330 (2)	RESERVED FOR DEVELOPMENT
3039	(BDF)	BITSTRING	1	TVTPATH	ECF FOR VARY PATH

Comment

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

End of Comment

		...1		TVTPTECF	"X'10'" VARY PATH POSTED
3040	(BE0)	SIGNED	4	DECF (0)	JSAM ECF
		1...		DECFIO	"X'80'" POST BIT - JSAM I/O COMPLETE
		.1..		DECFTX	"X'40'" POST BIT - USAM TRACKS REQ
		..1.		DECFER	"X'20'" POST BIT - SPOOL I/O ERROR
		...1		DECFDR	"X'10'" POST BIT - DDR REQUEST
		.... 1...		DECFSEC	"X'08'" POST BIT - SECONDARY POST

Comment

```
-----------------------------------------------------------
  TVTDRTN AND
  TVTDRDN MASKS ARE BOTH USED AGAINST TWO FLAG BYTES:
        DECF AND TVTDRECF
-----------------------------------------------------------
TVTDRTN EQU X'04' SEE BELOW FOR DEFINITION
TVTDRDN EQU X'02' SEE BELOW FOR DEFINITION
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End of Comment

		1		DECFBTR	"X'01'" POST BIT - BADTRACK UPDATE
3041	(BE1)	BITSTRING	1	TVTCIECF	IATINAT ECF OF C/I SUBTASK

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				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
3043	(BE3)	BITSTRING	1	TVTLOECF	LOCATE ECF (USE TVTVRECF NOW)
3043	(BE3)	X'BE3'	0	TVTVRECF	"TVTLOECF,1" VERIFY FCT ECF
				Comment	

					DEFINITION OF TVTVRECF - REPLACES TVTLOECF

				End of Comment	
		1...		LVRRSV80	"X'80'" RESERVED FLAG
		.1..		LVRRSV40	"X'40'" RESERVED FLAG
		..1.		LVRRSV20	"X'20'" RESERVED FLAG
		...1		LVRRSV10	"X'10'" RESERVED FLAG
				Comment	
					EQU X'08' RESERVED FOR (AND RESET IN) IATLVVR
				End of Comment	
		.... .1..		LVRATPST	"X'04'" IATLVVR ATTENTION POST
		.... ..1.		LVRRSPST	"X'02'" IATLVVR RESTART POST
		1		LVRSAPST	"X'01'" IATLVVR STAGING AREA POST
3044	(BE4)	BITSTRING	1	TVTICLK	IATUTIC SUBROUTINE LOCK
3045	(BE5)	BITSTRING	2	TVTRD345	RESERVED FOR DEVELOPMENT 9
3047	(BE7)	BITSTRING	1	TVTCECF	CONSOLE SPOOL I/O ECF
		1...		TVTJMSSI	"X'80'" JESMSGLG SSI processing
		.1..		TVTJMJBT	"X'40'" JESMSGLG job termination cleanup
		..1.		TVTJMUPD	"X'20'" JESMSGLG update
3048	(BE8)	BITSTRING	1	TVTRD350	RESERVED FOR DEVELOPMENT
3049	(BE9)	BITSTRING	1	TVTRU350 (3)	RESERVED FOR USER
3052	(BEC)	BITSTRING	1	TVTDRECF	DDR ECF FLAG

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				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 TVTGSWK1	
				COMPARE AND SWAP MUST BE USED TO SERIALIZE ACCESS TO	
				THESE FLAGS	

				End of Comment	
3056	(BF0)	BITSTRING	1	TVTGSWK1	ECF FOR GENERAL SERVICE DSP
		1...		TVTGSPFD	"X'80'" PENDING FAILDSP REQUEST
		.1..		TVTGSATT	"X'40'" ATTACH ATDE REQUEST
		..1.		TVTGSDET	"X'20'" DETACH ATDE REQUEST
		...1		TVTGSAGP	"X'10'" AGETMAIN POSTING RESQUEST
		.... 1...		TVTGSSAT	"X'08'" STOP AUXTASK FOR MODIFY,MT
		.... .1..		TVTGSSWM	"X'04'" Switch IATXSUSP mask
				Comment	

				DEFINITION OF TVTSTUSR	

				End of Comment	
3057	(BF1)	BITSTRING	1	TVTSTUSR	ABEND SER. RTN. USER FLAGS

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		1...		TVTSSNUC	"X'80'" IATNUC TASK GET/REL RESOURCE
		.1..		TVTSSAUX	"X'40'" IATAUX TASK GET/REL RESOURCE
		1		TVTSSDST	"X'01'" DSP MODIFIER FOR USE OF RESOURCE.
3057	(BF1)	X'81'	0	TVTSSDSP	"(TVTSSNUC+TVTSSDST)"
3058	(BF2)	BITSTRING	1	TVTSTLOC	ABEND SER. RTN. LOCK BYTE

Comment

DEFINITION OF TVTDJFLG FLAG BYTE

End of Comment

3059	(BF3)	BITSTRING	1	TVTDJFLG	DJ FLAG BYTE
		1...		TVTDJRST	"X'80'" FLAG RESET IN PROCESS
3060	(BF4)	BITSTRING	1	TVTGRFLG	GENERAL ROUTINES FLAGS

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
3061	(BF5)	BITSTRING	1	TVTFLAG2	TVT FLAG TWO

Comment

DEFINITION OF TVTFLAG2

End of Comment

		1...		TVTSMS	"X'80'" IATINMD SMS IS INSTALLED ON THIS PROCESSOR
		.1..		TVTSMSCX	"X'40'" IATMSR2 SMS IS ACTIVE IN COMPLEX 0260
		..1.		TVTAUTOR	"X'20'" JES3 is in auto-restart mode (i.e. it is restarting automatically)
		...1		TVTRF210	"X'10'" RESERVED FLAG
		.... 1...		TVTRF208	"X'08'" RESERVED FLAG
		.... .1..		TVTRF204	"X'04'" RESERVED FLAG
		.... ..1.		TVTRF202	"X'02'" RESERVED FLAG
		1		TVTRF201	"X'01'" RESERVED FLAG
3062	(BF6)	BITSTRING	1	TVTRS360 (6)	RESERVED FOR SERVICE
3068	(BFC)	BITSTRING	1	TVTCDECF	CI DRIVER ECF

Comment

DEFINITION OF TVTCDECF

End of Comment

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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				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	AIOFDPRY	LOWEST PRIORITY ON JSAM FD
3160	(C58)	BITSTRING	1	TVTRS375	RESERVED FOR SERVICE
3161	(C59)	BITSTRING	1	CONSUBPL	CONSOLE BUFFER SUBPOOL VALUE
3162	(C5A)	BITSTRING	1	TVTRD360	RESERVED FOR DEVELOPMENT
3163	(C5B)	CHARACTER	1	JOBFAIL	SET BY IATINCH STANDARDS,JOBFAIL=RESTART
3164	(C5C)	BITSTRING	1	JOBPRTY	STANDARDS,PRTY=0
3165	(C5D)	CHARACTER	4	JOBSQSIZ	STANDARDS,SQS=3K
3169	(C61)	CHARACTER	1	STEPCHK	STANDARDS,JOBSTEP=NOCHKPNT
3170	(C62)	CHARACTER	1	TDBGCLSS	STANDARDS,DBGCLASS=A
3171	(C63)	ADDRESS	1	TVTRAGNO	IATINDEV USAM record allocation count
3172	(C64)	BITSTRING	1	TVTSMFFO	SET BY IATINIC SMF FG OPTIONS THIS CPU
3173	(C65)	BITSTRING	1	TVTSMFOP	SET BY IATINIC SMF BG OPTIONS THIS CPU
3174	(C66)	CHARACTER	2	TVTTSOPM	IATINCH DEFAULT TSO PARM ID FOR CI
3176	(C68)	CHARACTER	2	TVTSTCPM	IATINCH DEFAULT STC PARM ID FOR CI
3178	(C6A)	CHARACTER	2	TVTINTPM	IATINCH DEF INT RDR PARM ID FOR CI
3180	(C6C)	CHARACTER	2	TVTINTPR	IATINCH DEF INT RDR PROC ID FOR CI
3182	(C6E)	CHARACTER	2	TVTTSOPR	IATINCH DEFAULT TSO PROC ID FOR CI
3184	(C70)	CHARACTER	2	TVTSTCPR	IATINCH DEFAULT STC PROC ID FOR CI
3186	(C72)	BITSTRING	1	TVTJDENO	IATGRLD # OF JDE BLOCKS INITIALIZED
3187	(C73)	BITSTRING	1	TVTRS380	RESERVED FOR SERVICE
3188	(C74)	BITSTRING	4	TVTHWMSK	CONSTANT FOR HALFWORD MASK
3192	(C78)	SIGNED	4	TVTADMSK (0)	CONSTANT FOR ADDRESS MASK
3196	(C7C)	CHARACTER	16	TVTHXCHR	HEXADECIMAL CHARACTERS
3212	(C8C)	BITSTRING	12	TVTZEROX	CONSTANT ZEROS (3 FULL WORD)
3212	(C8C)	X'C8C'	0	TVTZERO	"TVTZEROX,8" CONSTANT ZEROS
3224	(C98)	SIGNED	4	TVTONE	CONSTANT FULL WORD = 1
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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
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
3252	(CB4)	ADDRESS	4	TVTRJPCP	RJP Cell Pool Pointer
3256	(CB8)	SIGNED	4	TVTJDDLM	IATINSTD Job SYSIN DD statement lmt
3260	(CBC)	SIGNED	4	TVTRU390 (4)	RESERVED FOR USER

Comment

```
-----------------------------------------------------------
                END OF
     MISCELLANEOUS AND UNIVERSAL CONSTANTS
-----------------------------------------------------------
```

End of Comment

3276	(CCC)	SIGNED	4	(0)	- BEGINNING OF NJE UPDATE

Comment

```
----------------------------------------------------------- 0
     THE VALUE DEFINED IN THE FOLLOWING FIELD IS ALSO 0
     USED IN IATINGN TO RESET TO THE DEFAULT VALUE. ANY 0
     CHANGE IN THE DEFAULT VALUE HERE MUST ALSO BE MADE 0
     IN IATINGN. 0
----------------------------------------------------------- 0
```

End of Comment

3276	(CCC)	CHARACTER	8	HOMENODE	- HOME (LOCAL) NODE ID
3284	(CD4)	ADDRESS	4	ANJETBL	- PTR TO NJE NODE TABLE
3288	(CD8)	SIGNED	4	TVTRD403 (2)	Reserved for Developemmt
3296	(CE0)	ADDRESS	4	ANJESRCH	"V(IATXNTS)" - ADDRESS OF NJE TABLE SEARCH
3300	(CE4)	ADDRESS	4	ANJECHKS	"V(CHECKSWB)" ADDRESS OF CHECKSWB ROUTINE
3304	(CE8)	ADDRESS	4	DSPNJESN	"V(NJESND)" - DSP DICT ENTRY FOR NJESND
3308	(CEC)	ADDRESS	4	DSPNJESF	"V(NJESF)" - DSP DICT ENTRY FOR NJESF
3312	(CF0)	SIGNED	2	TVTRD405	- RESERVED FOR DEVELOPMENT
3314	(CF2)	BITSTRING	1	TVTRD410 (2)	- RESERVED FOR DEVELOPMENT 0133
3316	(CF4)	BITSTRING	1	TVTNJEF1	NJE FLAG BYTE 1 0133

Comment

```
----------------------------------------------------------- 0
     DEFINITION OF NJE FLAG BYTE 1 0
----------------------------------------------------------- 0
```

End of Comment

		1...		TVTNJEOK	"X'80'" NETWORK DEFINITION VALID 0133
		.1..		TVTRFN40	"X'40'" RESERVED FLAG 0133
		..1.		TVTRFN20	"X'20'" RESERVED FLAG 0133
		...1		TVTRFN10	"X'10'" RESERVED FLAG 0133
		.... 1...		TVTRFN08	"X'08'" RESERVED FLAG 0133
		.... .1..		TVTRFN04	"X'04'" RESERVED FLAG 0133
		.... ..1.		TVTRFN02	"X'02'" RESERVED FLAG 0133
		1		TVTRFN01	"X'01'" RESERVED FLAG 0133

Comment

```
-----------------------------------------------------------
     DEFINITION OF JCL LIMIT VALUES BY SYSTEM AND JOB
-----------------------------------------------------------
```

End of Comment

3317	(CF5)	BITSTRING	1	TVTJLFLG	IATIISB JCL STATEMENT FLAG
		1...		TVTQBIT	"X'80'" JCL STATEMENT QUIESCE BIT

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.1..		TVTDDINB	"X'40'" SYSIN DD stmnt limit set
3318	(CF6)	SIGNED	2	TVTRU410	RESERVED FOR USER
3320	(CF8)	SIGNED	4	TVTADSLM	INCH,MODX ADDRESS SPACE JCL LIMIT
3324	(CFC)	SIGNED	4	TVTSYCNT	IISB,IIDR JCL STATEMENT ADDR SPACE COUNT
3328	(D00)	SIGNED	4	TVTJOBLM	INCH,MODX JOB JCL STATEMENT LIMIT

Comment

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

End of Comment

3332	(D04)	ADDRESS	1	TVTFSMSL	LENGTH OF FSS MESSAGE
3332	(D04)	X'D05'	0	TVTFSMSS	"*" START OF FSS MESSAGE
3333	(D05)	CHARACTER	4		
3337	(D09)	CHARACTER	8	TVTFSSNM	SET BY INIT FSS NAME, FROM START COMMAND
3345	(D11)	CHARACTER	7		
3352	(D18)	CHARACTER	4	TVTEASID	SET BY INIT ASID, FROM START COMMAND
3352	(D18)	X'D1C'	0	TVTFSMSE	"*" END OF FSS MESSAGE
3333	(D05)	CHARACTER	23	TVTFSMSG	POINTER TO ENTIRE MESSAGE
3356	(D1C)	BITSTRING	12	TVTSNFDB	SNANJE CKPT ROOT FDB
3368	(D28)	ADDRESS	4	TVTBDCDA	ADDRESS OF IATBDCD DATA CSECT
3372	(D2C)	ADDRESS	4	TVTBCOMM	"V(BDTCOMM)" ADDRESS OF BDTCOMM FCT ENTRY
3376	(D30)	SIGNED	4	TVTRD420	RESERVED FOR DEVELOPMENT
3380	(D34)	SIGNED	4	TVTRS420 (12)	RESERVED FOR SERVICE

Comment

BULK DATA TRANSFER (BDT) DATA AREA
AND SNA NJE DATA AREA

End of Comment

3428	(D64)	ADDRESS	4	TVTRU430 (10)	RESERVED FOR USER
3468	(D8C)	SIGNED	2	TVTRD425	RESERVED FOR DEVELOPMENT

Comment

DEFINITION OF TVTBFLG1

End of Comment

3470	(D8E)	BITSTRING	1	TVTBFLG1	SNA NJE FLAG 1
		1...		TVTBNFG	"X'80'" BDT NOW FUNCTIONING GOOD (BDT UP AND OPERATIONAL)
3471	(D8F)	BITSTRING	1	TVTRD430	RESERVED FOR DEVELOPMENT
3472	(D90)	ADDRESS	4	TVTBDUMY	BDT DUMMY CONSOLE ENTRY ADDR
3476	(D94)	ADDRESS	4	TVTBSCT	BDT SUBSYSTEM COMM TABLES
3480	(D98)	ADDRESS	4	TVTBREC	"V(RECDSP)" IATOSBM OUTPUT SERVICE/SNA NJE RECOVERY DSP
3484	(D9C)	CHARACTER	8	TVTSYSID	BDT DEFAULT SYSID

Comment

DEFINITION OF TVTBECF

End of Comment

3492	(DA4)	BITSTRING	1	TVTBECF	BDT SUBSYSTEM ECF
		1111		TVTBMSK	"X'F0'" ECF MASK FOR AWAIT
		1...		TVTBCMD	"X'80'" BDT COMMAND BUFFERED
		.1..		TVTBCMDQ	"X'40'" BDT COMMAND QUEUED

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		..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..		TVTBSMSK	"X'C0'" SNA NJE ECF Mask
		1...		TVTBSSA	"X'80'" BDT Shuttle Staging Area
		.1..		TVTBSSIR	"X'40'" Subsystem Interface Request
		..11 1111		TVTRD480	"X'3F'" Reserved Bits
3495	(DA7)	BITSTRING	1	TVTRS480	Reserved for Service
3496	(DA8)	SIGNED	4	(3)	
3508	(DB4)	BITSTRING	1	(3)	MUST BE ZEROS
3511	(DB7)	BITSTRING	1		MASK BITS USED IN SNA NJE ECF
3512	(DB8)	DBL WORD	8	TVTEND (0)	END OF TABLE

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

Comment

```
-----------------------------------------------------------
            RESOURCE EQUATES
-----------------------------------------------------------
          JES3 Resource Table
   $RW=WLMBATCH HJS6608 980813 PD0DR: OS2.8.0
-----------------------------------------------------------
            RESOURCE NAMES
-----------------------------------------------------------
       NOTE: RESOURCE NAMES INDEXED BY PRIORITY,
       MUST BE SPECIFIED SEQUENTIALLY TO INSURE CORRECT
       OPERATION OF THE AENQ, ADEQ, ATEST ROUTINES.
-----------------------------------------------------------
, IATYRSC NAMES=(RQ,
, DLQ,
, JNCBCTL,
, SYSUNIT,
, CHKPNT,
, WTD,
, FCT,
, PRO,
, SNARMVCB,
, ICT,
, LCLJNEWS,
, RJPJNEWS,
, TSOJNEWS,
, FSSCKPT,
, GMSCKPT,
, JQEPTY0,
, JQEPTY1,
, JQEPTY2,
, JQEPTY3,
, JQEPTY4,
, JQEPTY5,
, JQEPTY6,
, JQEPTY7,
, JQEPTY8,
, JQEPTY9,
, JQEPTY10,
, JQEPTY11,
, JQEPTY12,
, JQEPTY13,
, JQEPTY14,
, JQEPTY15)
```

End of Comment

3512	(DB8)	X'0'	0	RQ	"0"
3512	(DB8)	X'1'	0	DLQ	"1"
3512	(DB8)	X'2'	0	JNCBCTL	"2"
3512	(DB8)	X'3'	0	SYSUNIT	"3"
3512	(DB8)	X'4'	0	CHKPNT	"4"
3512	(DB8)	X'5'	0	WTD	"5"
3512	(DB8)	X'6'	0	FCT	"6"
3512	(DB8)	X'7'	0	PRO	"7"
3512	(DB8)	X'8'	0	SNARMVCB	"8"
3512	(DB8)	X'9'	0	ICT	"9"
3512	(DB8)	X'A'	0	LCLJNEWS	"10"
3512	(DB8)	X'B'	0	RJPJNEWS	"11"
3512	(DB8)	X'C'	0	TSOJNEWS	"12"
3512	(DB8)	X'D'	0	FSSCKPT	"13"
3512	(DB8)	X'E'	0	GMSCKPT	"14"
3512	(DB8)	X'F'	0	JQEPTY0	"15"

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
3512	(DB8)	X'10'	0	JQEPTY1	"16"
3512	(DB8)	X'11'	0	JQEPTY2	"17"
3512	(DB8)	X'12'	0	JQEPTY3	"18"
3512	(DB8)	X'13'	0	JQEPTY4	"19"
3512	(DB8)	X'14'	0	JQEPTY5	"20"
3512	(DB8)	X'15'	0	JQEPTY6	"21"
3512	(DB8)	X'16'	0	JQEPTY7	"22"
3512	(DB8)	X'17'	0	JQEPTY8	"23"
3512	(DB8)	X'18'	0	JQEPTY9	"24"
3512	(DB8)	X'19'	0	JQEPTY10	"25"
3512	(DB8)	X'1A'	0	JQEPTY11	"26"
3512	(DB8)	X'1B'	0	JQEPTY12	"27"
3512	(DB8)	X'1C'	0	JQEPTY13	"28"
3512	(DB8)	X'1D'	0	JQEPTY14	"29"
3512	(DB8)	X'1E'	0	JQEPTY15	"30"
3512	(DB8)	X'1F'	0	ARNAMES	"31" NUMBER OF RESOURCES

Comment

```
-------------------------------------------------------------
      RESOURCE MANAGEMENT FUNCTION VALUES
-------------------------------------------------------------
```

End of Comment

3512	(DB8)	X'0'	0	RSCNOWAT	"0" NO WAIT
3512	(DB8)	X'4'	0	RSCWAIT	"4" BUSY=WAIT
3512	(DB8)	X'8'	0	RSCNOFCT	"8" NO FCT
3512	(DB8)	X'C'	0	RSCFCT	"12" FCT
3512	(DB8)	X'10'	0	RSCTTEST	"16" TYPE=TEST
3512	(DB8)	X'14'	0	RSCTFCT	"20" TYPE=FCT
3512	(DB8)	X'18'	0	RSCTWAIT	"24" TYPE=TEST, BUSY=WAIT

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYTVTX	IATYTVTX.27: Fixed TVT extension

Comment

```
            JES3 MODULE ENTRY POINT IDENTIFIER
01 Change Activity:
   $RJ=OS240 HJS6604 960522 PD0DR: OS 2.4.0
```

End of Comment

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

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

Comment

```
-----------------------------------------------------------
AHED fields are defined as zeroed constants to ensure
the storage for these fields is initially set to zeroes.
-----------------------------------------------------------
```

End of Comment

200	(C8)	DBL WORD	8	TVTXAHED (0)	IATYTVTX.311: Stack head for automatic area stack
200	(C8)	SIGNED	4	AHED_SEQUENCE	IATYAHED.93: CDS Sequence number
204	(CC)	ADDRESS	4	AHED_ANCHOR	IATYAHED.99: Pointer to head of stack
208	(D0)	ADDRESS	4	AHED_TOTAL	IATYAHED.108: The total number of buffers allocated
212	(D4)	ADDRESS	4	AHED_FREE	IATYAHED.114: Number of free buffers
216	(D8)	ADDRESS	4	TVTXCS03	"V(IATCS03)" Pointer to the callable service that returns the type of console
220	(DC)	ADDRESS	4	TVTXCS06	"V(IATCS06)" Pointer to the callable service that converts destination class to route code mask
224	(E0)	ADDRESS	4	TVTXCS07	"V(IATCS07)" Pointer to the callable service that converts route code to route code mask
228	(E4)	ADDRESS	4	TVTXCS08	"V(IATCS08)" Pointer to the callable service that converts destination class to a route value
232	(E8)	ADDRESS	4	TVTXCS09	"V(IATCS09)" Pointer to the callable service that converts destination class (Mask displacement) to a route code mask
236	(EC)	ADDRESS	4	TVTXCS10	"V(IATCS10)" Pointer to the callable service that converts route code mask to a route code string
240	(F0)	ADDRESS	4	TVTXCS11	"V(IATCS11)" Pointer to the callable service that converts route code mask to a destination class string
244	(F4)	ADDRESS	4	TVTXCS12	"V(IATCS12)" Pointer to the callable service that selects a route code from a route code mask and converts it to a dest class
248	(F8)	ADDRESS	4	TVTXRJPC	"V(RJPCALRT)" Pointer to the RJP ALERTECB SRB routine which JESXCF schedules when an workstation has crossed the message threshold
252	(FC)	ADDRESS	4	TVTXWLM	WLM Data Area address
256	(100)	ADDRESS	4	TVTXWCLF	"V(WLMCLSFY)" Address of the IATXWCLF service routine in IATWLCLF
260	(104)	ADDRESS	4	TVTXWSRV	"V(WLMSERV)" Address of the IATXWLM service routine in IATWLSRV
264	(108)	ADDRESS	4	TVTXSCSV	"V(SRVCSERV)" Address of the IATXSRVC service routine in IATWLSCS
268	(10C)	ADDRESS	4	TVTXDELY	"V(JOBDELAY)" Address of the IATXDELY service routine in IATGRDLY
272	(110)	ADDRESS	4	TVTXGENF	"V(GENFSERV)" Address of the IATXGENF service routine in IATGRGPF
276	(114)	ADDRESS	4	TVTXGPDS	"V(GENERALP)" Address of the General Purpose DSP dictionary entry
280	(118)	ADDRESS	4	TVTXWSEL	"V(WLMSLECT)" Address of WLM Job Select routine in IATMSWLS
284	(11C)	ADDRESS	4	TVTXWDSL	"V(WLMDESEL)" Address of WLM Deselect routine in IATMSWLD
288	(120)	ADDRESS	4	TVTXJSPC	"V(DMTKJSPC)" Address of Job Spool Partition Check routine in IATDMTK
292	(124)	ADDRESS	4	TVTX_CLSHADIN	"V(MSCCCLSI)" Address of Class Limit Shadow initialization routine in IATMSCC

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
296	(128)	ADDRESS	4	TVTX_CLSHADRE	"V(MSCCCLSR)" Address of Class Limit Shadow re-initialization routine in IATMSCC
300	(12C)	ADDRESS	4	TVTX_CLSHADUP	"V(MSCCCLUP)" Address of Class Limit Shadow update routine in IATMSCC
304	(130)	ADDRESS	4	TVTX_CLSDLYUP	"V(MSCCDLYU)" Address of Class Limit delay update routine in IATMSCC
308	(134)	ADDRESS	4	TVTX_CLSMODUP	"V(MSCCMODU)" Address of Class Constraint modify update routine in IATMSCC
312	(138)	ADDRESS	4	TVTXSSCR	"V(SCHEDCR)" Address of the IATXSSCR service routine in IATMSSCR
316	(13C)	ADDRESS	4	TVTX_LCLCMSLK	"V(LCLCMSLK)" Address of local/CMS lock service routine in IATGRG1
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
452	(1C4)	X'244'	0	IATYTVTX_LEN	"*-IATYTVTX"

Offsets Dec	Offsets 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:
  $RJ=OS240 HJS6604 960522 PD0DR: OS 2.4.0
```

End of Comment

0	(0)	CHARACTER	8	TVTCID	MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM 0108
36	(24)	CHARACTER	28	TVTCEYE	0108 0108
64	(40)	SIGNED	4	TVTCVERS	IATYTVTC.27: Current version of the control block
68	(44)	ADDRESS	4	TVTTVTC	IATYTVTC.37: Pointer to the primary extension of the TVT
72	(48)	ADDRESS	4	TVTCFTVT	IATYTVTC.34: Pointer to the fixed extension of the TVT
76	(4C)	SIGNED	4	TVTCLEN	IATYTVTC.131: Dynamic length of the TVT fixed extension

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

Comment

```
 IATYCNDB_1:;
 START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
  5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
  STATUS= HJS6604
  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 Distribution Library: AJES3MAC
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
       CASE/390 - VERSION 49
    END OF SPECIFICATIONS
  %
```

End of Comment

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

Comment

```
 IATYCNDB_1:;
 START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
  5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
  STATUS= HJS6604
  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 Distribution Library: AJES3MAC
  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
      CASE/390 - VERSION 49
   END OF SPECIFICATIONS
 %
```

End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
176	(B0)	SIGNED	4	TVTCBDTM (0)	IATYCNDB.27: based variable for storage mapping
176	(B0)	SIGNED	4		Four byte console id 0176
180	(B4)	CHARACTER	4		IATYCNDB eyecatcher
184	(B8)	ADDRESS	4		IATYCNDB version
188	(BC)	BITSTRING	8		Reserved for development
196	(C4)	BITSTRING	8		Console Name 0176
204	(CC)	BITSTRING	24		Reserved for development
228	(E4)	SIGNED	2		Reserved for development
230	(E6)	BITSTRING	40		Reserved for development class
270	(10E)	CHARACTER	256	TVTCRD01	IATYTVTC.158: Reserved for Develop.
526	(20E)	CHARACTER	256	TVTCRD02	IATYTVTC.189: Reserved for Develop.
782	(30E)	CHARACTER	256	TVTCRD03	IATYTVTC.212: Reserved for Develop.
1038	(40E)	CHARACTER	256	TVTCRD04	IATYTVTC.147: Reserved for Develop.
1294	(50E)	CHARACTER	256	TVTCRS01	IATYTVTC.167: Reserved for Service.
1550	(60E)	CHARACTER	256	TVTCRS02	IATYTVTC.1: Reserved for Service.
1806	(70E)	CHARACTER	256	TVTCRS03	IATYTVTC.215: Reserved for Service.
2062	(80E)	CHARACTER	256	TVTCRS04	IATYTVTC.173: Reserved for Service.
2062	(80E)	X'1'	0	TVTC313	"1" IATYTVTC.203: Equate for HJS3313
2318	(90E)	X'90E'	0	IATYTVTC_LEN	"*-IATYTVTC"

IATYTVT Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
AASPMAP	6D4		ADEBLOCK	38C	
ABACKR	374		ADELETE	390	
ABENDAPG	378		ADEQ	394	
ABENDDCB	6D8		ADLTABLE	D0	
ABLOCK	37C		AENQ	394	394
ACCTDFLT	C2C	94DF06B	AFDADD	398	
ACLOSE	380		AFDDELET	39C	
ACONCONS	6E0		AFDFIND	3A0	
ACONRS10	9D	10	AFGABNUM	B7C	0
ACONRS20	9D	20	AFGDLPST	BC1	80
ACONSBCB	98		AFGDMPOS	BC9	8
ACONSRMT	384		AFGDMPSA	BC9	4
ACONTIME	9D	0	AFGESTAE	BC9	80
ACTLTRAP	388		AFGFLAG2	BBF	0

Name	Hex Offset	Hex Value
AFGFLAG5	BC1	0
AFGFSACT	BC9	20
AFGGMPF	BBF	80
AFGNOCPF	BBF	40
AFGPJES3	BC9	40
AFGRS201	BBF	1
AFGRS202	BBF	2
AFGRS204	BBF	4
AFGRS208	BBF	8
AFGRS210	BBF	10
AFGRS220	BBF	20
AGETBUF	3A4	
AGETMAIN	84	
AHED_ANCHOR	CC	
AHED_FREE	D4	
AHED_SEQUENCE		
	C8	0
AHED_TOTAL	D0	
AIATINIT	31C	
AINTDATA	34	
AIOBFECF	BDA	FF
AIOBFUSE	B7E	0
AIOBMIN	B98	0
AIOFDLST	700	
AIOFDNEW	BC2	40
AIOFDPRY	C57	F0
AIOFDTOP	704	
AIOFLAG1	BC2	0
AIOFLAG2	BC3	0
AIOGETBF	BC2	20
AIOJQMSG	BC3	8
AIOMCMSG	BC3	2
AIOMNBUF	BC3	1
AIOMSOUT	BC3	4
AIONBUFS	B82	0
AIONOAWT	BC3	80
AIONOBFM	B84	0
AIONOBFN	95C	0
AIONOSPC	BC2	8
AIOPTJSM	BC3	10
AIORDWRT	BC2	80
AIORESPG	BC3	20
AIOSNGIO	BC2	4
ALOAD	3B0	
ALOCATE	3B4	
ANALYZE	9F	10
ANJECHKS	CE4	
ANJECNSQ	78	
ANJESRCH	CE0	
ANJETBL	CD4	
ANOTE	3B8	
AOPEN	3BC	
AOPEND	3C0	
APOINT	3C4	
APURGE	3C8	
APUTBUF	3CC	
APUTMAIN	88	
ARELEASE	3D4	
ARETNAD	44	
ARNAMES	DB8	1F
ASAVE	40	
ASPABND0	3D8	
ASPECB	38	
ASPTCB	728	
ASYSIOSP	6E8	

Name	Hex Offset	Hex Value
ATEST	394	394
ATIME	8C	
ATRACK	3E0	
AUXPTERM	BCA	80
AWAIT	228	80
AWAITEP	3C	
AWAITL	229	81
AWAITOFF	22A	50
AWAITOFL	22B	51
AWRITE	400	
BUFSZ	97C	97E
CHENDAPG	408	
CHKPNT	DB8	4
CKPTAREA	730	
COLDSTRT	9F	80
CONCNJS	324	
CONCNVRT	404	
CONREVRT	418	
CONSAUTH	41C	
CONSUBPL	C59	0
CPUIPL	9F	4
DCTRAPS	900	
DECF	BE0	0
DECFBTR	BE0	1
DECFDR	BE0	10
DECFER	BE0	20
DECFIO	BE0	80
DECFSEC	BE0	8
DECFTX	BE0	40
DEQMSG	420	
DEVSCAN	424	
DJCACTIV	224	10
DJCCKFDB	AF8	0
DJCFREE	34C	
DJCPOST	224	40
DLOCOFF	678	
DLOCON	670	
DLQ	DB8	1
DMTAREQ	1F8	80
DMTARPLY	1F8	40
DNMCONVI	76C	0
DNMDISBL	76D	0
DNMENABL	76E	0
DNMISDRV	76F	0
DNMMAIN	770	0
DNMOUTPT	773	0
DNMPSTSC	771	0
DNMPURGE	774	0
DRDCB	73C	
DSIACTV	9F	8
DSIFCT	740	
DSPCONVI	744	
DSPDIC	DC	
DSPDISBL	748	
DSPDMJA	75C	
DSPENABL	74C	
DSPFSSCT	764	
DSPIG	25C	
DSPISDRV	750	
DSPMAIN	754	
DSPNJESF	CEC	
DSPNJESN	CE8	
DSPOUTPT	760	
DSPPSTSC	758	
DSPRSCNT	924	0

Name	Hex Offset	Hex Value
DSPURGE	768	
DSQLOC	D8	
DSQLOCEP	674	
DUMYCNDB	48	
DYNALOC	BCD	80
DYNALRTY	428	
DYNCDD	BCD	20
DYNDYNP	100	
DYNECF	BCD	0
DYNINIT	BCD	10
DYNSAMSK	BCD	E0
DYNUNAL	BCD	40
EFTOP	E0	
FAILDSP	4C	
FCT	DB8	6
FCTACTIV	E4	
FCTLAST	1E4	
FCTTOP	30	
FINDJNUM	430	
FIRSTDEB	778	
FSSCKPT	DB8	D
GECFJOBN	BDB	8
GECFMCON	BDB	40
GECFMTRK	BDB	20
GECFSTAD	BDB	80
GETUNIT	434	
GMSCKPT	DB8	E
GMSFDB	B04	0
HOMENODE	CCC	D5F14040
HOTSTRT	9F	20
IATGRVT	0	
IATXAMDV	438	
IATXCNS	320	
IATXCPYF	42C	
IATXCSS	27C	
IATXELA	43C	
IATXELD	440	
IATXELS	444	
IATXERCV	448	
IATXFRQ	494	
IATXGOSE	44C	
IATXIOX	450	
IATXIWT	454	
IATXJDS	274	
IATXJET	278	
IATXOSBM	658	
IATXOSPC	65C	
IATXOSPM	2D8	
IATXOSSC	654	
IATXOSSO	660	
IATXOSWS	650	
IATXPOSE	460	
IATXPRMD	458	
IATXPRT	464	
IATXRABC	468	
IATXRABD	46C	
IATXRABP	470	
IATXRCVL	504	
IATXRELC	474	
IATXSCN1	478	
IATXSCN2	47C	
IATXSIO	23C	
IATXSMF	480	
IATXSPR	484	
IATXTRC	288	

Name	Hex Offset	Hex Value
IATYTVTC	0	
IATYTVTC_LEN	90E	90E
IATYTVTX	0	
IATYTVTX_LEN	1C4	244
ICT	DB8	9
INCNCMP	9D	40
INITCMP	9D	80
INITOPS	BDC	8
INTERCOM	48C	
IOEERROR	22D	80
IOENORML	22D	40
IOERRECF	22D	0
IOERRFCT	784	
IOETIMED	22D	20
IPLMASK	968	0
JCTRKFDB	B44	0
JDSADD	490	
JDSBENRY	270	
JDSGET	498	
JDSHOLD	49C	
JDSPOINT	4A0	
JDSPUT	4A4	
JDSREL	4A8	
JESCKPNT	4B8	
JESCLOSE	4AC	
JESEXCP	4B4	
JESKEY	22C	0
JESMODLK	4C0	
JESMSG	4C4	
JESMSGRT	6F0	
JESOPEN	4C8	
JESPOOL	9C	0
JESREAD	4CC	
JESSNAP	4D0	
JESTAE	48	
JNADD	4DC	
JNCBCTL	DB8	2
JNCBHLD	4E0	
JNCBPOST	224	2
JNCBREL	4E4	
JNCBTOP	E8	
JNDEL	4E8	
JNGET	4EC	
JNUMR	4F0	
JOBCLS	C00	D1E2F3C2
JOBFAIL	C5B	D9
JOBGRP	C08	D1E2F3C2
JOBNALOC	290	
JOBNRTN	294	
JOBNSET	298	
JOBPRTY	C5C	0
JOBSQSIZ	C5D	F0F0F0F3
JQEPTY0	DB8	F
JQEPTY1	DB8	10
JQEPTY10	DB8	19
JQEPTY11	DB8	1A
JQEPTY12	DB8	1B
JQEPTY13	DB8	1C
JQEPTY14	DB8	1D
JQEPTY15	DB8	1E
JQEPTY2	DB8	11
JQEPTY3	DB8	12
JQEPTY4	DB8	13
JQEPTY5	DB8	14
JQEPTY6	DB8	15

Name	Hex Offset	Hex Value
JQEPTY7	DB8	16
JQEPTY8	DB8	17
JQEPTY9	DB8	18
JSERV	4F4	
JSSACTIV	BC5	40
JSSCHKPT	BC5	20
JSSDADR	4F8	
JSSDUCHG	BC4	40
JSSEFADD	BC4	4
JSSFCT	EC	
JSSFLG1	BC4	0
JSSFLG2	BC5	0
JSSFSTIM	BC5	80
JSSGPOST	BC4	80
JSSMCGAV	BC4	8
JSSOSWEF	BC4	20
JSSPRELH	BC4	10
JSSPROCN	BC4	2
JSSRETRN	29C	
JSSRQTMR	BC4	1
JSSSTART	BC5	10
JSSTPOST	BC7	0
JSSWORKQ	BC5	8
LCLJNEWS	DB8	A
LOGIN	4FC	
LOGOUT	500	
LVRATPST	BE3	4
LVRRSPST	BE3	2
LVRRSV10	BE3	10
LVRRSV20	BE3	20
LVRRSV40	BE3	40
LVRRSV80	BE3	80
LVRSAPST	BE3	1
MAINACT	F0	
MAINDATA	F4	
MCLASS	F8	
MDSPARM	FC	
MESSAGE	90	
MGROUP	104	
MLBCB	108	
MNTRKFDB	B10	0
MOVEDATA	50C	
MSGCECF	BDB	0
MSSACT	BCC	80
MSSDEPTH	BCC	20
MSSJOB	BCC	40
NCBTAADD	510	
NCBTAFND	514	
NCBTAGET	518	
NCBTAPUT	51C	
NCBTAREL	520	
NCKADD	524	
NCKDEL	528	
NCKLOCK	1E8	0
NCKLOCKD	50C	80
NJPNAME	C10	40404040
OSEFLAGS	BDC	0
OSEOUTPT	BDC	40
OSERQWS	BDC	4
OSETIMER	BDC	20
OSEWTRS	BDC	10
OSEWTRSL	BDC	2
OSGRJGET	330	
OSGRJPUT	334	
OSGRJREL	338	
OSSRQTOP	7F4	
OSSWAIT	7F8	
OSWSQUE	87C	
PAFCTBTM	110	
PAFCTTOP	114	
POSTSRS	52C	
PRO	DB8	7
PRTAB	120	
PUNTAB	124	
PURCHAIN	530	
PUTUNIT	534	
RCLOSE	538	
RESTABLE	128	
RJPASYNQ	800	
RJPCPOST	9D	8
RJPCTIME	9D	4
RJPECB	804	
RJPECF	804	0
RJPECFAB	805	20
RJPECFCE	805	80
RJPECFCN	805	4
RJPECFLL	805	2
RJPECFOP	805	10
RJPECFST	805	8
RJPECFTM	805	40
RJPIO	554	
RJPJNEWS	DB8	B
RJPLDCTQ	808	
RJPRTERM	A8	
RJPSNAP	558	
RJPSNPFL	231	0
RJPTAB	A0	
ROPEN	55C	
RQ	DB8	0
RQBTM	174	
RQDTOP	178	
RQTAADD	564	
RQTADEL	568	
RQTAPUT	56C	
RQTOP	17C	
RQWTRTOP	80C	
RSCFCT	DB8	C
RSCNOFCT	DB8	8
RSCNOWAT	DB8	0
RSCTFCT	DB8	14
RSCTTEST	DB8	10
RSCTWAIT	DB8	18
RSCWAIT	DB8	4
SCTAB	180	
SETNAMES	184	
SIZEBUF	97C	0
SMFDYFCT	225	1
SMFPOST	225	80
SMFRCUR	225	2
SMRFDB	B2C	0
SNAPDCBA	810	
SNARMVCB	DB8	8
SNLKDEC	2EC	4
SNLKERR	2EC	0
SNLKINC	2EC	0
SNLKINNC	2EC	8
SNLKNORM	2EC	0
SNSTCM	2F4	10
SNSTERR	2F4	0
SNSTFCB	2F4	8

Name	Hex Offset	Hex Value
SNSTNORM	2F4	0
SNSTOFF	2F4	4
SNSTON	2F4	0
SNSTONTQ	2F4	4
SNSTQ	2F4	40
SNSTQI	2F4	80
SNSTRQ	2F4	20
SNSTTEST	2F4	8
SNSTTNCH	2F4	C
SPINOFF	578	
SPINPOST	BDC	80
SPORQTOP	814	
SRJPACT	168	16B
SRJPACTM	168	80
SRJPBCB	168	40
SRJPCSFL	168	0
SRJPECF	168	168
SRJPFLG	168	16B
SRJPISEC	168	2
SRJPNDRA	300	
SRJPPOP	168	10
SRJPRCB	168	20
SRJPRJS	168	80
SRJPRSET	8DC	
SRJPRSRB	8CC	
SRJPRSVS	168	4
SRJPRTRM	A4	
SRJPSCTR	160	0
SRJPSNDA	8E4	
SRJPSNDC	314	
SRJPSNDD	318	
SRJPSNDE	8D8	
SRJPSNDF	8E0	
SRJPSNDG	308	
SRJPSNDM	30C	
SRJPSNDN	2F8	
SRJPSNDO	310	
SRJPSNDP	8D0	
SRJPSNDR	8C8	
SRJPSNDS	8D4	
SRJPSNDT	304	
SRJPSNDU	8C4	
SRJPSNDV	2FC	
SRJPSNFI	AE0	
SRJPSNFO	AE4	
SRJPSNFS	2F0	
SRJPSNJP	ADC	
SRJPSNLK	2EC	
SRJPSNLM	AF0	
SRJPSNPI	AE8	
SRJPSNPO	AEC	
SRJPSNSG	AD8	
SRJPSNST	2F4	
SRJPSQAN	164	0
SRJPSRT	134	
SRJPSTQ	160	
SRJPWKQ	168	8
STEPCHK	C61	D5
SUPUNITS	188	
SYSTAB	18C	
SYSUNIT	DB8	3
SYSUNITS	190	
TATFLAGS	BC6	0
TATGMSSP	BC6	20
TATMINQ	BC6	80
TATMRGQ	BC6	40
TDBGCLSS	C62	C1
TESTSRS	410	
TIDSNT	820	
TIHWST	824	
TIPARMS	828	
TODMSG	4D4	
TPROCCHN	82C	
TSOJNEWS	DB8	C
TVABNGET	2A4	
TVDSIECF	230	0
TVINITID	930	0
TVJCTREL	5E8	
TVONLFDB	B38	0
TVRSTFLG	9F	0
TVTABLE	0	0
TVTABMN	2A8	
TVTABMNE	878	
TVTABNOF	3D8	80
TVTADMSK	C78	FFFFFF
TVTADSLM	CF8	0
TVTALETA	CB0	
TVTANYJS	BCB	4
TVTANYRL	BCB	2
TVTASPC	BA5	20
TVTASPE	BA5	80
TVTASPW	BA5	40
TVTATCB	8C0	
TVTATDCI	994	0
TVTATE	BEE	80
TVTATFLG	BEE	0
TVTATRCA	7E8	
TVTAUTOR	BF5	20
TVTAUXT	8B4	
TVTBALJ	19C	
TVTBALST	170	
TVTBCMD	DA4	80
TVTBCMDQ	DA4	40
TVTBCOMM	D2C	
TVTBDCDA	D28	
TVTBDUMY	D90	
TVTBECF	DA4	0
TVTBECFN	DA5	0
TVTBECFS	DA6	0
TVTBEND	DA5	4
TVTBFLG1	D8E	0
TVTBJCRQ	DA4	10
TVTBLANK	C9C	40404040
TVTBMSK	DA4	F0
TVTBNFG	D8E	80
TVTBNJET	DA5	80
TVTBNMSK	DA5	E4
TVTBONMR	DA5	40
TVTBOTH	BCB	1
TVTBREC	D98	
TVTBRECC	DA5	20
TVTBRSV1	DA4	20
TVTBSCT	D94	
TVTBSMSK	DA6	C0
TVTBSSA	DA6	80
TVTBSSIR	DA6	40
TVTBSZDT	9B4	0
TVTBTJDS	CA4	A
TVTBTJST	CA4	2
TVTBTR	790	

IATYTVT Cross Reference

Name	Hex Offset	Hex Value
TVTCALNT	12C	
TVTCANB	BC0	80
TVTCANC	BC0	8
TVTCANL	BC0	2
TVTCANP	BC0	20
TVTCBCLS	BD2	80
TVTCBDTM	B0	
TVTCBJOB	BD2	40
TVTCDCLS	BD2	20
TVTCDECF	BFC	0
TVTCDJOB	BD2	10
TVTCDSI	230	40
TVTCECF	BE7	0
TVTCEYE	24	E3E5E340
TVTCFATF	BE1	10
TVTCFCNT	94C	0
TVTCFDAT	944	0
TVTCFINF	944	
TVTCFR01	BD2	1
TVTCFR02	BD2	2
TVTCFR04	BD2	4
TVTCFR08	BD2	8
TVTCFTIM	948	0
TVTCFTVT	48	
TVTCIATC	BE1	80
TVTCICNT	998	99A
TVTCID	0	C9C1E3E8
TVTCIECB	988	0
TVTCIECF	BE1	0
TVTCIFLG	BD2	0
TVTCIFSS	BD8	40
TVTCIJSS	BC5	1
TVTCIR01	BE1	1
TVTCIR02	BE1	2
TVTCIR04	BE1	4
TVTCIR08	BE1	8
TVTCISBW	988	80
TVTCISCH	5DC	
TVTCITCB	818	
TVTCKFCT	830	
TVTCKMSG	834	
TVTCLEN	4C	
TVTCL012	4B0	
TVTCNJEM	50	
TVTCNMLW	80	
TVTCNSAP	BFC	80
TVTCNTOR	634	
TVTCONSR	384	80
TVTCPUID	9B8	0
TVTCRD01	10E	
TVTCRD02	20E	
TVTCRD03	30E	
TVTCRD04	40E	
TVTCRS01	50E	
TVTCRS02	60E	
TVTCRS03	70E	
TVTCRS04	80E	
TVTCSCP	CAC	
TVTCSF	74	
TVTCTVT	68	
TVTCVERS	40	
TVTC313	80E	1
TVTDATFS	B8A	0
TVTDATQ	1A0	
TVTDATSZ	9BC	0
TVTDCNDB	89C	
TVTDDINB	CF5	40
TVTDELET	390	80
TVTDFCB	1A4	
TVTDHWS	BCC	4
TVTDISK	5F0	
TVTDJFLG	BF3	0
TVTDJOCT	BFD	0
TVTDJRST	BF3	80
TVTDLMSK	AD4	0
TVTDMCDE	71C	
TVTDMCPG	ABA	0
TVTDMCQ	1A0	1A0
TVTDMCSZ	AB8	0
TVTDMDK	23C	23C
TVTDMPB	BC0	40
TVTDMPC	BC0	4
TVTDMPL	BC0	1
TVTDMPLN	964	6000
TVTDMPP	BC0	10
TVTDMSAV	9C0	0
TVTDMTRC	9D0	0
TVTDPJBN	BF4	20
TVTDPJEN	BC5	2
TVTDRCR	BED	0
TVTDRCRC	BCE	80
TVTDRDN	BEC	2
TVTDRDR	BEC	40
TVTDRECF	BEC	0
TVTDRFLG	768	80
TVTDRTN	BEC	4
TVTDRTR	BEC	80
TVTDSFDB	710	0
TVTDSI01	BA4	1
TVTDSI02	BA4	2
TVTDSI04	BA4	4
TVTDSI08	BA4	8
TVTDSI10	BA4	10
TVTDSI20	BA4	20
TVTDSI40	BA4	40
TVTDSPIQ	2E0	
TVTDSPMO	2E4	
TVTDSP00	638	
TVTDSSCH	5E0	
TVTDYNL	BCE	0
TVTDYSCR	B9A	0
TVTEASID	D18	40404040
TVTENCTL	B0	0
TVTEND	DB8	
TVTENFRW	B4	
TVTENST	BEF	20
TVTENWRK	B0	
TVTEPCST	374	
TVTEPE	6D4	
TVTEPS	374	
TVTEPST	234	
TVTERRQ	240	
TVTERRWK	244	
TVTESTE6	BB0	0
TVTESTFL	BAF	0
TVTESTSZ	BB4	2000
TVTEST00	BB4	0
TVTEXREL	79C	
TVTF_EYE_CATCHER		
	24	E3E5E340

Name	Hex Offset	Hex Value
TVTFCTVT	40	
TVTFDCTA	6F8	
TVTFDMAX	BAA	0
TVTFDUSE	BA8	0
TVTFETCH	BCB	80
TVTFID	0	C9C1E3E8
TVTFLAG1	BEF	0
TVTFLAG2	BF5	0
TVTFLEN	44	
TVTFREND	D0	
TVTFSAID	BD6	
TVTFSASK	BC9	1
TVTFSCIU	BE1	20
TVTFSECB	C28	0
TVTFSEPL	618	20
TVTFSEPN	618	
TVTFSEPS	5F8	
TVTFSFCT	77C	
TVTFSFG1	BC9	0
TVTFSFG2	BCA	0
TVTFSFLG	BD8	0
TVTFSID	BD4	
TVTFSL	874	
TVTFSLG	1EC	
TVTFSLGA	838	80000000
TVTFSLOG	838	80
TVTFSMSE	D18	D1C
TVTFSMSG	D05	
TVTFSMSL	D04	
TVTFSMSS	D04	D05
TVTFSNDP	BC9	2
TVTFSRC	1F0	
TVTFSS	1A8	
TVTFSSAB	604	
TVTFSSAD	BD8	80
TVTFSSAM	60C	
TVTFSSCK	600	
TVTFSSCL	608	
TVTFSSCM	BFC	40
TVTFSSFD	B60	0
TVTFSSFP	610	
TVTFSSFS	5FC	
TVTFSSID	BD4	
TVTFSSIN	C1C	40404040
TVTFSSNM	D09	40404040
TVTFSSRS	614	
TVTFSSST	5F8	
TVTFSSTA	BFC	20
TVTFSUFD	BC9	10
TVTFSWA	83C	80000000
TVTFSWRK	83C	80
TVTFTVT	64	
TVTFVERS	38	
TVTF313	140	1
TVTF511	140	2
TVTGETE6	BAF	80
TVTGET00	BAF	40
TVTGLOBL	BD0	40
TVTGMSFL	724	0
TVTGMSP	724	80
TVTGMSUP	720	0
TVTGMS1	618	
TVTGRFLG	BF4	0
TVTGRJQE	BF4	80
TVTGROCO	7C	

Name	Hex Offset	Hex Value
TVTGRPSZ	960	0
TVTGRSM1	2C4	
TVTGSAGP	BF0	10
TVTGSATT	BF0	40
TVTGSDET	BF0	20
TVTGSPFD	BF0	80
TVTGSSAT	BF0	8
TVTGSSWM	BF0	4
TVTGSWK1	BF0	0
TVTHOBOF	6C	7FFFFFFF
TVTHOBON	C18	C18
TVTHRCNT	940	0
TVTHRDAT	938	0
TVTHRINF	938	
TVTHRTIM	93C	0
TVTHWMSK	C74	FFFF
TVTHWQE	738	
TVTHXCHR	C7C	F0F1F2F3
TVTICLK	BE4	0
TVTICTCH	81C	
TVTID	0	C9C1E3C7
TVTIDAAD	1AC	0
TVTIDDAT	930	930
TVTIDTIM	930	934
TVTIFCAD	1D4	0
TVTIHWS	BCC	8
TVTINDAT	28	0
TVTINPPS	227	40
TVTINPUT	61C	
TVTINSAV	930	
TVTINSPA	7D2	0
TVTINTIM	28	2C
TVTINTPM	C6A	F0F1
TVTINTPR	C6C	E2E3
TVTINTRD	BA6	14
TVTINTRP	BCB	4
TVTIOPRM	840	
TVTIQECA	844	
TVTIQECM	84B	
TVTIRA	734	
TVTISFLG	BA5	0
TVTISF01	BA5	1
TVTISF02	BA5	2
TVTISF04	BA5	4
TVTISF08	BA5	8
TVTISF10	BA5	10
TVTISJ	928	0
TVTITKPM	84C	
TVTJADAD	200	
TVTJBDTH	A7E	0
TVTJBEXP	A86	0
TVTJBLIM	A84	4
TVTJBMSG	BE2	40
TVTJBNSE	A7C	0
TVTJBOUT	BE2	20
TVTJBTS	26C	
TVTJBTXP	3E4	
TVTJBUSE	BE2	10
TVTJDDLM	CB8	0
TVTJDENO	C72	6
TVTJDEQ	850	
TVTJESMS	BD1	
TVTJLFLG	CF5	0
TVTJMF	32C	
TVTJMJBT	BE7	40

Name	Hex Offset	Hex Value
TVTJMQA	8A0	
TVTJMSSI	BE7	80
TVTJMUPD	BE7	20
TVTJNBAT	BD1	20
TVTJNCBF	224	0
TVTJNCHN	7EC	
TVTJNECF	22E	0
TVTJNMSK	22E	80
TVTJNRET	BF4	40
TVTJNSTC	BD1	40
TVTJNTHL	22E	40
TVTJNTSO	BD1	80
TVTJNWID	22F	0
TVTJOBLM	D00	0
TVTJQEDQ	668	
TVTJQENQ	664	
TVTJQX	1B0	
TVTJSFLG	BE2	0
TVTJSSDA	8A4	
TVTJ3PST	2B0	
TVTLDAAD	198	
TVTLIMF	BC0	0
TVTLLPRT	13C	
TVTLNGTH	24	DB8
TVTLOCAL	BD0	20
TVTLOECF	BE3	0
TVTLPJ3	2BC	
TVTLTRC	858	
TVTMAINJ	9F4	0
TVTMAPRJ	85C	
TVTMAXB	978	5DC
TVTMAXC	96C	2
TVTMAXL	970	1
TVTMAXP	974	1F4
TVTMBJ	92C	0
TVTMDFLG	BCB	BCB
TVTMDSRD	194	
TVTMEMD	1B8	
TVTMINTR	962	0
TVTMLRL	AD0	0
TVTMNSMS	A18	0
TVTMOECA	860	
TVTMOECM	867	
TVTMPLAV	BC5	4
TVTMRGTR	963	0
TVTMSABN	BE1	40
TVTMSDM	8A8	0
TVTMSMI	2D0	
TVTMSPAT	868	
TVTMSU	86C	
TVTMTON	BEE	40
TVTMUBLN	ACC	0
TVTMXDCI	98C	1
TVTNJEF1	CF4	0
TVTNJEOK	CF4	80
TVTNONE	BCC	1
TVTNOTFY	66C	
TVTNTRCA	7E4	
TVTNUCT	8B0	
TVTOLDGL	BD0	4
TVTONE	C98	1
TVTONMSK	980	0
TVTOSDIE	2D4	
TVTOSFP	2DC	
TVTOSRTQ	210	

Name	Hex Offset	Hex Value
TVTOUTPT	620	
TVTPATH	BDF	0
TVTPBITL	264	
TVTPDAAD	204	
TVTPJCL	8AC	0
TVTPJCLP	8AC	80
TVTPPAGS	A80	0
TVTPRCDS	BFC	4
TVTPRCEN	BFC	8
TVTPREFR	BCB	40
TVTPRSUB	BD0	80
TVTPSDMX	99C	0
TVTPSDUS	9A0	0
TVTPSSCH	5E4	
TVTPTATS	268	
TVTPTCAD	794	
TVTPTCKP	3EC	
TVTPTECF	BDF	10
TVTQBIT	CF5	80
TVTRAGNO	C63	
TVTRDFR1	9E	0
TVTRDFR2	AC	0
TVTRDQEF	10C	10C
TVTRDQPT	10C	80
TVTRDQTP	10C	
TVTRDYFC	72C	
TVTRD00H	5EC	0
TVTRD005	70	0
TVTRD010	140	
TVTRD030	16C	0
TVTRD040	1FB	0
TVTRD072	2A0	
TVTRD080	33C	
TVTRD082	3A8	
TVTRD084	3D0	
TVTRD086	3DC	
TVTRD090	3F0	
TVTRD095	40C	
TVTRD100	414	
TVTRD110	45C	
TVTRD112	488	
TVTRD117	508	
TVTRD118	4BC	
TVTRD120	53C	
TVTRD130	570	
TVTRD140	5F4	
TVTRD150	67C	
TVTRD151	6DC	
TVTRD152	6E4	
TVTRD155	6EC	
TVTRD165	70C	0
TVTRD190	772	0
TVTRD200	775	0
TVTRD210	7F0	
TVTRD215	854	
TVTRD218	870	
TVTRD220	8AD	0
TVTRD230	904	0
TVTRD240	950	0
TVTRD260	A1C	0
TVTRD270	AA0	0
TVTRD280	ABC	0
TVTRD290	B6C	0
TVTRD300	B86	0
TVTRD305	B8C	0

Name	Hex Offset	Hex Value
TVTRD310	BAC	0
TVTRD315	BC8	0
TVTRD330	BDD	0
TVTRD345	BE5	0
TVTRD350	BE8	0
TVTRD360	C5A	0
TVTRD403	CD8	0
TVTRD405	CF0	0
TVTRD410	CF2	0
TVTRD420	D30	0
TVTRD425	D8C	0
TVTRD430	D8F	0
TVTRD440	2E8	
TVTRD460	DA5	10
TVTRD465	DA5	8
TVTRD480	DA6	3F
TVTREFRS	9F	2
TVTREQUI	BCB	20
TVTRETNT	130	
TVTRFN01	CF4	1
TVTRFN02	CF4	2
TVTRFN04	CF4	4
TVTRFN08	CF4	8
TVTRFN10	CF4	10
TVTRFN20	CF4	20
TVTRFN40	CF4	40
TVTRF201	BF5	1
TVTRF202	BF5	2
TVTRF204	BF5	4
TVTRF208	BF5	8
TVTRF210	BF5	10
TVTRJPAC	55C	80
TVTRJPCP	CB4	
TVTRJPDI	284	
TVTRMFF	CA4	FFFFFFFF
TVTRM7F	CA4	CA8
TVTRM80	C18	80000000
TVTRQCAD	118	
TVTRSF10	BCC	10
TVTRSV01	6FC	
TVTRSV02	708	0
TVTRSV03	9F0	0
TVTRS00F	B8	0
TVTRS010	144	
TVTRS040	1D8	0
TVTRS060	232	0
TVTRS070	328	
TVTRS080	354	
TVTRS090	3AC	
TVTRS120	544	
TVTRS130	574	
TVTRS140	57C	
TVTRS150	688	
TVTRS210	7D0	0
TVTRS219	7FC	
TVTRS220	884	
TVTRS230	8E8	
TVTRS260	A44	0
TVTRS261	A78	0
TVTRS270	AA8	0
TVTRS280	AF4	
TVTRS310	B9C	0
TVTRS360	BF6	0
TVTRS370	BFE	0
TVTRS375	C58	0
TVTRS380	C73	0
TVTRS420	D34	0
TVTRS480	DA7	0
TVTRTAB	1BC	
TVTRTAT	7B4	0
TVTRU050	214	
TVTRU080	35C	
TVTRU120	54C	
TVTRU130	560	
TVTRU150	6AC	
TVTRU160	725	0
TVTRU210	7D8	0
TVTRU230	8EC	
TVTRU260	A88	0
TVTRU270	AB0	0
TVTRU310	BB8	0
TVTRU320	BD3	0
TVTRU350	BE9	0
TVTRU370	BFF	0
TVTRU390	CBC	0
TVTRU410	CF6	0
TVTRU430	D64	
TVTSAFCL	238	
TVTSAPWQ	880	
TVTSBCNT	998	3
TVTSBPSY	BB4	E6
TVTSBPUS	BB4	2
TVTSCANI	A9C	708
TVTSCPSC	BFC	10
TVTSDA	11C	
TVTSDEAD	208	
TVTSDION	BA4	80
TVTSDMSG	BAF	20
TVTSDSI	230	80
TVTSETUP	BCC	0
TVTSIOSV	9F8	0
TVTSJFWK	776	0
TVTSLOTL	280	
TVTSMFCH	1C0	
TVTSMFFL	225	0
TVTSMFFO	C64	0
TVTSMFOP	C65	0
TVTSMS	BF5	80
TVTSMSCX	BF5	40
TVTSMSET	BCB	10
TVTSNAPN	BAF	10
TVTSNECB	984	0
TVTSNFDB	D1C	0
TVTSNNUM	B80	0
TVTSNPNA	4D8	
TVTSOSRQ	20C	
TVTSP	7B2	0
TVTSPADD	7B0	8
TVTSPAGS	A82	0
TVTSPCHG	7B0	2
TVTSPCK	3E8	
TVTSPDEF	7A4	
TVTSPDEL	7B0	40
TVTSPFLC	BA4	80
TVTSPFLG	7B0	0
TVTSPFL2	7B1	0
TVTSPID	7A8	0
TVTSPINT	7A0	
TVTSPLST	788	
TVTSPMSG	BE2	80

Name	Hex Offset	Hex Value
TVTSPPCH	1C4	
TVTSPPCK	7B0	80
TVTSPPFL	226	0
TVTSPREL	798	
TVTSPREP	9F	1
TVTSPRPL	7B0	10
TVTSPSTT	7B0	4
TVTSPTAP	7B0	1
TVTSPUNV	7B0	20
TVTSQE	1B4	
TVTSSAUX	BF1	40
TVTSSDSP	BF1	81
TVTSSDST	BF1	1
TVTSSNM	C24	40404040
TVTSSNUC	BF1	80
TVTSSVT	94	
TVTSTAD	2AC	
TVTSTCPM	C68	F0F1
TVTSTCPR	C70	E2E3
TVTSTECB	8B8	0
TVTSTFG0	BCF	80
TVTSTFG1	BCF	40
TVTSTFG2	BCF	20
TVTSTFG3	BCF	10
TVTSTFG4	BCF	8
TVTSTFG5	BCF	4
TVTSTFG6	BCF	2
TVTSTFG7	BCF	1
TVTSTFLG	BCF	0
TVTSTLOC	BF2	0
TVTSTMD	2C0	
TVTSTTAL	24C	
TVTSTTBD	254	
TVTSTTBL	248	
TVTSTTCB	8BC	
TVTSTTPG	250	
TVTSTTSR	258	
TVTSTUSR	BF1	0
TVTSUPNO	70A	0
TVTSUSPE	1F9	80
TVTSUSPM	1FA	40
TVTSVCNT	14C	
TVTSVHDR	148	
TVTSVLST	148	
TVTSYCNT	CFC	0
TVTSYSID	D9C	40404040
TVTTAECF	1F8	0
TVTTAWK	1F4	
TVTTELEN	15C	0
TVTTELS	158	
TVTTELTP	158	0
TVTTGBAD	78C	
TVTTGBUP	260	
TVTTHWS	BCC	2
TVTTJDSA	CA4	2
TVTTOKEN	D4	
TVTTRC2	8F8	
TVTTRC3	8FC	0
TVTTSOPM	C66	F0F1
TVTTSOPR	C6E	E2E3
TVTTSOPS	BEF	40
TVTTVTC	44	
TVTTVTF	3C	
TVTUAGET	BEF	80
TVTUCDCI	990	0
TVTUTIC	A10	0
TVTUXL	1C8	
TVTVALID	A40	0
TVTVIOPM	2B8	
TVTVIRT	BD0	8
TVTVPTH	2B4	
TVTVRECF	BE3	BE3
TVTVS2F1	BD0	0
TVTWAITS	A14	0
TVTWDITV	A7B	
TVTWDLIM	A7A	
TVTWORKD	150	0
TVTWORKS	150	154
TVTWROSE	234	
TVTWTDEC	227	0
TVTWTDPS	227	80
TVTWTD01	227	1
TVTWTD02	227	2
TVTWTD04	227	4
TVTWTD08	227	8
TVTWTD10	227	10
TVTWTD20	227	20
TVTWTFCT	780	
TVTX_CLSDLYUP	130	
TVTX_CLSHADIN	124	
TVTX_CLSHADRE	128	
TVTX_CLSHADUP	12C	
TVTX_CLSMODUP	134	
TVTX_LCLCMSLK	13C	
TVTX_MPSETTRE	1C4	
TVTX_MPUNITS	144	
TVTXAHED	C8	
TVTXATDE	2C8	
TVTXATR	140	
TVTXBPL	50	
TVTXCKPT	28C	
TVTXCNDB	60	
TVTXCS03	D8	
TVTXCS06	DC	
TVTXCS07	E0	
TVTXCS08	E4	
TVTXCS09	E8	
TVTXCS10	EC	
TVTXCS11	F0	
TVTXCS12	F4	
TVTXDELY	10C	
TVTXDPL	5C	
TVTXGCL	54	
TVTXGENF	110	
TVTXGPDS	114	
TVTXGSG	BC	
TVTXITRC	C4	
TVTXJCT	624	
TVTXJLOK	2CC	
TVTXJQE	628	
TVTXJSPC	120	
TVTXJXGT	C0	
TVTXM702	A8	

Name	Hex Offset	Hex Value
TVTXM703	AC	
TVTXRCL	58	
TVTXRJPC	F8	
TVTXSCSV	108	
TVTXSQE	62C	
TVTXSSCR	138	
TVTXSSEV	B4	
TVTXSST	B0	
TVTXSSTB	B8	
TVTXTOD	630	
TVTXTODF	630	80
TVTXTRCD	350	
TVTXWCLF	100	
TVTXWDSL	11C	
TVTXWLM	FC	
TVTXWSEL	118	
TVTXWSRV	104	
TVTYOSD	1CC	
TVTZERO	C8C	C8C
TVTZEROX	C8C	0
TVT3100D	1FC	0
TVT8500D	6F4	0
TVVCKFDB	B70	0
UAVLFLG	BD9	0
VATAFCT	63C	
VGETFCT	640	
VGETRSQ	644	
WARMSTRT	9F	40
WRTCHAIN	648	
WTD	DB8	5
WTDQUE	1D0	
XCFDEFGP	9AC	40404040
XCFGRPNM	9A4	40404040
ZEROCORE	64C	

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 Dec	Offsets 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:
  $RJ=OS240 HJS6604 960522 PD0DR: OS 2.4.0
```

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

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

Comment

```
 IATYCNDB_1:;
 START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
  5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
  STATUS= HJS6604
  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 Distribution Library: AJES3MAC
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
     CASE/390 - VERSION 49
  END OF SPECIFICATIONS
%
```

End of Comment

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

Comment

```
 IATYCNDB_1:;
 START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
  5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
  STATUS= HJS6604
  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
```

IATYTVTC Cross Reference

```
  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 Distribution Library: AJES3MAC
  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
      CASE/390 - VERSION 49
   END OF SPECIFICATIONS
 %
```

End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
176	(B0)	SIGNED	4	TVTCBDTM (0)	IATYCNDB.27: based variable for storage mapping
176	(B0)	SIGNED	4		Four byte console id 0176
180	(B4)	CHARACTER	4		IATYCNDB eyecatcher
184	(B8)	ADDRESS	4		IATYCNDB version
188	(BC)	BITSTRING	8		Reserved for development
196	(C4)	BITSTRING	8		Console Name 0176
204	(CC)	BITSTRING	24		Reserved for development
228	(E4)	SIGNED	2		Reserved for development
230	(E6)	BITSTRING	40		Reserved for development class
270	(10E)	CHARACTER	256	TVTCRD01	IATYTVTC.158: Reserved for Develop.
526	(20E)	CHARACTER	256	TVTCRD02	IATYTVTC.189: Reserved for Develop.
782	(30E)	CHARACTER	256	TVTCRD03	IATYTVTC.212: Reserved for Develop.
1038	(40E)	CHARACTER	256	TVTCRD04	IATYTVTC.147: Reserved for Develop.
1294	(50E)	CHARACTER	256	TVTCRS01	IATYTVTC.167: Reserved for Service.
1550	(60E)	CHARACTER	256	TVTCRS02	IATYTVTC.1: Reserved for Service.
1806	(70E)	CHARACTER	256	TVTCRS03	IATYTVTC.215: Reserved for Service.
2062	(80E)	CHARACTER	256	TVTCRS04	IATYTVTC.173: Reserved for Service.
2062	(80E)	X'1'	0	TVTC313	"1" IATYTVTC.203: Equate for HJS3313
2318	(90E)	X'90E'	0	IATYTVTC_LEN	"*-IATYTVTC"

IATYTVTC Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
IATYTVTC	0		TVTCRS03	70E	
IATYTVTC_LEN	90E	90E	TVTCRS04	80E	
TVTCBDTM	B0		TVTCVERS	40	
TVTCEYE	24	E3E5E340	TVTC313	80E	1
TVTCFTVT	48		TVTTVTC	44	
TVTCID	0	C9C1E3E8			
TVTCLEN	4C				
TVTCNJEM	50				
TVTCRD01	10E				
TVTCRD02	20E				
TVTCRD03	30E				
TVTCRD04	40E				
TVTCRS01	50E				
TVTCRS02	60E				

IATYTVTX Programming Interface information

Programming Interface information

IATYTVTX

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

- DUMYCNDB

End of Programming Interface information

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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 Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYTVTX	IATYTVTX.27: Fixed TVT extension

Comment

JES3 MODULE ENTRY POINT IDENTIFIER
01 Change Activity:
$RJ=OS240 HJS6604 960522 PD0DR: OS 2.4.0

End of Comment

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

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

Comment

```
-----------------------------------------------------------
AHED fields are defined as zeroed constants to ensure
the storage for these fields is initially set to zeroes.
-----------------------------------------------------------
```

End of Comment

200	(C8)	DBL WORD	8	TVTXAHED (0)	IATYTVTX.311: Stack head for automatic area stack
200	(C8)	SIGNED	4	AHED_SEQUENCE	IATYAHED.93: CDS Sequence number
204	(CC)	ADDRESS	4	AHED_ANCHOR	IATYAHED.99: Pointer to head of stack
208	(D0)	ADDRESS	4	AHED_TOTAL	IATYAHED.108: The total number of buffers allocated
212	(D4)	ADDRESS	4	AHED_FREE	IATYAHED.114: Number of free buffers
216	(D8)	ADDRESS	4	TVTXCS03	"V(IATCS03)" Pointer to the callable service that returns the type of console
220	(DC)	ADDRESS	4	TVTXCS06	"V(IATCS06)" Pointer to the callable service that converts destination class to route code mask
224	(E0)	ADDRESS	4	TVTXCS07	"V(IATCS07)" Pointer to the callable service that converts route code to route code mask
228	(E4)	ADDRESS	4	TVTXCS08	"V(IATCS08)" Pointer to the callable service that converts destination class to a route value
232	(E8)	ADDRESS	4	TVTXCS09	"V(IATCS09)" Pointer to the callable service that converts destination class (Mask displacement) to a route code mask
236	(EC)	ADDRESS	4	TVTXCS10	"V(IATCS10)" Pointer to the callable service that converts route code mask to a route code string
240	(F0)	ADDRESS	4	TVTXCS11	"V(IATCS11)" Pointer to the callable service that converts route code mask to a destination class string
244	(F4)	ADDRESS	4	TVTXCS12	"V(IATCS12)" Pointer to the callable service that selects a route code from a route code mask and converts it to a dest class
248	(F8)	ADDRESS	4	TVTXRJPC	"V(RJPCALRT)" Pointer to the RJP ALERTECB SRB routine which JESXCF schedules when an workstation has crossed the message threshold
252	(FC)	ADDRESS	4	TVTXWLM	WLM Data Area address
256	(100)	ADDRESS	4	TVTXWCLF	"V(WLMCLSFY)" Address of the IATXWCLF service routine in IATWLCLF
260	(104)	ADDRESS	4	TVTXWSRV	"V(WLMSERV)" Address of the IATXWLM service routine in IATWLSRV
264	(108)	ADDRESS	4	TVTXSCSV	"V(SRVCSERV)" Address of the IATXSRVC service routine in IATWLSCS
268	(10C)	ADDRESS	4	TVTXDELY	"V(JOBDELAY)" Address of the IATXDELY service routine in IATGRDLY
272	(110)	ADDRESS	4	TVTXGENF	"V(GENFSERV)" Address of the IATXGENF service routine in IATGRGPF
276	(114)	ADDRESS	4	TVTXGPDS	"V(GENERALP)" Address of the General Purpose DSP dictionary entry
280	(118)	ADDRESS	4	TVTXWSEL	"V(WLMSLECT)" Address of WLM Job Select routine in IATMSWLS
284	(11C)	ADDRESS	4	TVTXWDSL	"V(WLMDESEL)" Address of WLM Deselect routine in IATMSWLD
288	(120)	ADDRESS	4	TVTXJSPC	"V(DMTKJSPC)" Address of Job Spool Partition Check routine in IATDMTK
292	(124)	ADDRESS	4	TVTX_CLSHADIN	"V(MSCCCLSI)" Address of Class Limit Shadow initialization routine in IATMSCC

IATYTVTX Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
296	(128)	ADDRESS	4	TVTX_CLSHADRE	"V(MSCCCLSR)" Address of Class Limit Shadow re-initialization routine in IATMSCC
300	(12C)	ADDRESS	4	TVTX_CLSHADUP	"V(MSCCCLUP)" Address of Class Limit Shadow update routine in IATMSCC
304	(130)	ADDRESS	4	TVTX_CLSDLYUP	"V(MSCCDLYU)" Address of Class Limit delay update routine in IATMSCC
308	(134)	ADDRESS	4	TVTX_CLSMODUP	"V(MSCCMODU)" Address of Class Constraint modify update routine in IATMSCC
312	(138)	ADDRESS	4	TVTXSSCR	"V(SCHEDCR)" Address of the IATXSSCR service routine in IATMSSCR
316	(13C)	ADDRESS	4	TVTX_LCLCMSLK	"V(LCLCMSLK)" Address of local/CMS lock service routine in IATGRG1
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
452	(1C4)	X'244'	0	IATYTVTX_LEN	"*-IATYTVTX"

IATYTVTX Cross Reference

Name	Hex Offset	Hex Value
AHED_ANCHOR	CC	
AHED_FREE	D4	
AHED_SEQUENCE	C8	0
AHED_TOTAL	D0	
DUMYCNDB	48	
IATYTVTX	0	
IATYTVTX_LEN	1C4	244
TVTF_EYE_CATCHER	24	E3E5E340
TVTFCTVT	40	
TVTFID	0	C9C1E3E8
TVTFLEN	44	
TVTFVERS	38	
TVTF313	140	1
TVTF511	140	2
TVTTVTF	3C	
TVTX_CLSDLYUP	130	
TVTX_CLSHADIN	124	
TVTX_CLSHADRE	128	
TVTX_CLSHADUP	12C	
TVTX_CLSMODUP	134	
TVTX_LCLCMSLK	13C	
TVTX_MPSETTRE	1C4	
TVTX_MPUNITS	144	
TVTXAHED	C8	
TVTXATR	140	
TVTXCS03	D8	
TVTXCS06	DC	
TVTXCS07	E0	
TVTXCS08	E4	
TVTXCS09	E8	
TVTXCS10	EC	
TVTXCS11	F0	
TVTXCS12	F4	
TVTXDELY	10C	
TVTXGENF	110	
TVTXGPDS	114	
TVTXGSG	BC	
TVTXITRC	C4	
TVTXJSPC	120	
TVTXJXGT	C0	
TVTXM702	A8	
TVTXM703	AC	
TVTXRJPC	F8	
TVTXSCSV	108	
TVTXSSCR	138	
TVTXSSEV	B4	
TVTXSST	B0	
TVTXSSTB	B8	
TVTXWCLF	100	
TVTXWDSL	11C	
TVTXWLM	FC	
TVTXWSEL	118	
TVTXWSRV	104	

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

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		Message Processing Flags.			
				End of Comment	
8	(8)	BITSTRING	1	T35FLAG1	Flag one
				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	

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		1...		T35JSPLT	"X'80'" Message text split by CNSV
		.1..		T35JSEG1	"X'40'" JESMSG issued for 1st segment

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 indicies
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	T35ACLUD	ACL status update byte (from UCBTFL1) - indicates the status of the automatic cartridge loader: X'08' - Indicates feature us 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	T35TXTLN	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 Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					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	Hex Offset	Hex Value
T35ACLUD	46	
T35ACTCH	4B	4B
T35ACTN	8	2
T35ASID	C	
T35BOXED	9	20
T35CMD	8	10
T35CNFLG	B	
T35CVID	3	3
T35DESC	3C	
T35DEVNO	42	
T35FLAG1	8	
T35FLAG2	9	
T35FXEND	150	
T35FXSIZ	150	150
T35INDEX	3E	
T35INDX1	3E	
T35INDX2	3F	
T35JESMG	9	40
T35JOBID	14	
T35JOBNM	1C	
T35JSEG1	B	40
T35JSPLT	B	80
T35KEY	2C	
T35MAJOR	8	40
T35MEDIA	47	
T35MINOR	8	4
T35MLCON	A	80
T35MLDAT	A	20
T35MLENL	A	10
T35MLFLG	A	
T35MLLAB	A	40
T35NAME	4	
T35REPID	4B	4C
T35REPLN	CB	
T35RSVD	2	
T35RSVS2	41	
T35RS101	8	1
T35RS201	9	1
T35RS202	9	2
T35RS204	9	4
T35RS208	9	8
T35RS210	9	10
T35SEQ#	38	
T35SEXIT	9	80
T35SINGL	8	80
T35START	0	
T35SVRTN	40	
T35SYSNM	24	
T35TCB	10	
T35TEXT	4B	
T35TEXTM	CD	
T35TOKEN	34	
T35TOTLN	0	
T35TXTJ1	48	
T35TXTJ2	49	
T35TXTLN	4A	
T35TXTML	CC	
T35VERSN	3	
T35WTOR	8	20
T35WTREP	8	8
T35220	3	1
T35421	3	2
T35521	3	3

IATYUXL Programming Interface information

Programming Interface information

IATYUXL

End of Programming Interface information

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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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
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
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)	SIGNED	4		LIST TERMINATOR
296	(128)	X'48'	0	UXLMAX	"72" Maximum user exit number
300	(12C)	ADDRESS	4	(3)	Reserved for IBM

Comment

A MULTI-PURPOSE FLAG BYTE IS PROVIDED FOR EACH EXIT

End of Comment

312	(138)	BITSTRING	1	UXFLG1	FLAG RESERVED FOR USER EXIT 1
313	(139)	BITSTRING	1	UXFLG2	FLAG RESV'D FOR USER EXIT 2 0046
314	(13A)	ADDRESS	1	UXFLG3	USER EXIT 3 FLAG
315	(13B)	ADDRESS	1	UXFLG4	USER EXIT 4 FLAG
316	(13C)	ADDRESS	1	UXFLG5	USER EXIT 5 FLAG
317	(13D)	ADDRESS	1	UXFLG6	USER EXIT 6 FLAG
318	(13E)	ADDRESS	1	UXFLG7	USER EXIT 7 FLAG
319	(13F)	ADDRESS	1	UXFLG8	FLAG FOR USER EXIT 8
320	(140)	ADDRESS	1	UXFLG9	FLAG FOR USER EXIT 9

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
321	(141)	ADDRESS	1	UXFLG10	USER EXIT 10 FLAG
322	(142)	ADDRESS	1	UXFLG11	USER EXIT 11 FLAG
323	(143)	BITSTRING	1	UXFLG12	FLAG FOR USER EXIT 12
324	(144)	BITSTRING	1	UXFLG13	FLAG FOR USER EXIT 13

Comment

UX14 is not refreshable, it is a restart exit

End of Comment

325	(145)	ADDRESS	1	UXFLG14	FLAG FOR USER EXIT 14

Comment

UX15 is not refreshable, it is an initialization exit

End of Comment

326	(146)	ADDRESS	1	UXFLG15	FLAG FOR USER EXIT 15
327	(147)	BITSTRING	1	UXFLG16	FLAG RESERVED FOR USER EXIT 16
328	(148)	ADDRESS	1	UXFLG17	FLAG FOR USER EXIT 17
329	(149)	ADDRESS	1	UXFLG18	USER EXIT 18 FLAG
330	(14A)	ADDRESS	1	UXFLG19	FLAG FOR USER EXIT 19
331	(14B)	ADDRESS	1	UXFLG20	FLAG FOR USER EXIT 20
332	(14C)	ADDRESS	1	UXFLG21	FLAG FOR USER EXIT 21
333	(14D)	ADDRESS	1	UXFLG22	FLAG FOR USER EXIT 22
334	(14E)	ADDRESS	1	UXFLG23	FLAG FOR USER EXIT 23
335	(14F)	ADDRESS	1	UXFLG24	FLAG FOR USER EXIT 24
336	(150)	ADDRESS	1	UXFLG25	USER EXIT 25 FLAG
337	(151)	BITSTRING	1	UXFLG26	FLAG FOR USER EXIT 26
338	(152)	ADDRESS	1	UXFLG27	FLAG FOR USER EXIT 27
339	(153)	ADDRESS	1	UXFLG28	FLAG FOR USER EXIT 28
340	(154)	ADDRESS	1	UXFLG29	FLAG FOR USER EXIT 29
341	(155)	ADDRESS	1	UXFLG30	FLAG FOR USER EXIT 30
342	(156)	BITSTRING	1	UXFLG31	FLAG FOR USER EXIT 31
343	(157)	BITSTRING	1	UXFLG32	FLAG FOR USER EXIT 32
344	(158)	ADDRESS	1	UXFLG33	FLAG FOR USER EXIT 33
345	(159)	ADDRESS	1	UXFLG34	FLAG FOR USER EXIT 34
346	(15A)	ADDRESS	1	UXFLG35	FLAG FOR USER EXIT 35
		....[1]		DEFNJE	"X'01'" DEFAULT NJE CHECKING (UX35)
347	(15B)	ADDRESS	1	UXFLG36	FLAG FOR USER EXIT 36
348	(15C)	ADDRESS	1	UXFLG37	FLAG FOR USER EXIT 37
349	(15D)	ADDRESS	1	UXFLG38	FLAG FOR USER EXIT 38
350	(15E)	ADDRESS	1	UXFLG39	FLAG FOR USER EXIT 39
351	(15F)	ADDRESS	1	UXFLG40	FLAG FOR USER EXIT 40
352	(160)	ADDRESS	1	UXFLG41	USER EXIT 41 FLAG
353	(161)	ADDRESS	1	UXFLG42	FLAG FOR USER EXIT 42
354	(162)	ADDRESS	1	UXFLG43	FLAG FOR USER EXIT 43
355	(163)	ADDRESS	1	UXFLG44	FLAG FOR USER EXIT 44
356	(164)	ADDRESS	1	UXFLG45	FLAG FOR USER EXIT 45
357	(165)	ADDRESS	1	UXFLG46	FLAG FOR USER EXIT 46
358	(166)	BITSTRING	1	UXFLG47	FLAG FOR USER EXIT 47
359	(167)	ADDRESS	1	UXFLG48	FLAG FOR USER EXIT 48
360	(168)	ADDRESS	1	UXFLG49	FLAG FOR USER EXIT 49
361	(169)	ADDRESS	1	UXFLG50	FLAG FOR USER EXIT 50
362	(16A)	BITSTRING	1	UXFLG51	FLAG FOR USER EXIT 51 #247
363	(16B)	BITSTRING	1	UXFLG52	FLAG FOR USER EXIT 52
364	(16C)	BITSTRING	1	UXFLG53	FLAG FOR USER EXIT 53
365	(16D)	BITSTRING	1	UXFLG54	FLAG FOR USER EXIT 54
366	(16E)	BITSTRING	1	UXFLG55	FLAG FOR USER EXIT 55
367	(16F)	BITSTRING	1	UXFLG56	FLAG RESERVED FOR USER EXIT 56
368	(170)	BITSTRING	1	UXFLG57	FLAG FOR USER EXIT 57
369	(171)	BITSTRING	1	UXFLG58	FLAG FOR USER EXIT 58
370	(172)	BITSTRING	1	UXFLG59	FLAG FOR USER EXIT 59
371	(173)	ADDRESS	1	UXFLG60	FLAG FOR USER EXIT 60

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
372	(174)	ADDRESS	1	UXFLG61	FLAG FOR USER EXIT 61
373	(175)	ADDRESS	1	UXFLG62	FLAG FOR USER EXIT 62
374	(176)	BITSTRING	1	UXFLG63	FLAG FOR USER EXIT 63 0077
375	(177)	BITSTRING	1	UXFLG64	FLAG RESERVED FOR USER EXIT 64
376	(178)	BITSTRING	1	UXFLG65	FLAG RESERVED FOR USER EXIT 65
377	(179)	ADDRESS	1	UXFLG66	FLAG FOR USER EXIT 66
378	(17A)	ADDRESS	1	UXFLG67	FLAG FOR USER EXIT 67
379	(17B)	ADDRESS	1	UXFLG68	Flag for user exit 68
380	(17C)	BITSTRING	1	UXFLG69	FLAG RESERVED FOR USER EXIT 69
381	(17D)	BITSTRING	1	UXFLG70	FLAG RESERVED FOR USER EXIT 70
382	(17E)	ADDRESS	1	UXFLG71	FLAG FOR USER EXIT 71
383	(17F)	ADDRESS	1	UXFLG72	Flag for user exit 72
384	(180)	BITSTRING	1	UXRVD3 (2)	Reserved for IBM
386	(182)	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

392	(188)	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

392	(188)	SIGNED	4	UXLDX69 (0)	
392	(188)	CHARACTER	16		Exit Name
408	(198)	ADDRESS	4		Generate KEY value
412	(19C)	ADDRESS	4		ABENDNUM value
416	(1A0)	ADDRESS	1		Set the environment flag
417	(1A1)	ADDRESS	1		Flag 1
418	(1A2)	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

420	(1A4)	SIGNED	4	UXLDX70 (0)	
420	(1A4)	CHARACTER	16		Exit Name
436	(1B4)	ADDRESS	4		Generate KEY value
440	(1B8)	ADDRESS	4		ABENDNUM value

IATYUXL Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
444	(1BC)	ADDRESS	1		Set the environment flag
445	(1BD)	ADDRESS	1		Flag 1
446	(1BE)	BITSTRING	2		Reserved

Comment

```
-----------------------------------------------------------
      End of dynamic exit entries.
-----------------------------------------------------------
```

End of Comment

448	(1C0)	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	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
DEFNJE	15A	1	UXFLG36	15B	
DUMMYUX	1C0	80	UXFLG37	15C	
IATYUXL	0		UXFLG38	15D	
UXDXDEF	188		UXFLG39	15E	
UXDXEND	1C0	FFFFFFFF	UXFLG4	13B	
UXFLG1	138	0	UXFLG40	15F	
UXFLG10	141		UXFLG41	160	
UXFLG11	142		UXFLG42	161	
UXFLG12	143	0	UXFLG43	162	
UXFLG13	144	0	UXFLG44	163	
UXFLG14	145		UXFLG45	164	
UXFLG15	146		UXFLG46	165	
UXFLG16	147	0	UXFLG47	166	0
UXFLG17	148		UXFLG48	167	
UXFLG18	149		UXFLG49	168	
UXFLG19	14A		UXFLG5	13C	
UXFLG2	139	0	UXFLG50	169	
UXFLG20	14B		UXFLG51	16A	0
UXFLG21	14C		UXFLG52	16B	0
UXFLG22	14D		UXFLG53	16C	0
UXFLG23	14E		UXFLG54	16D	0
UXFLG24	14F		UXFLG55	16E	0
UXFLG25	150		UXFLG56	16F	0
UXFLG26	151	0	UXFLG57	170	0
UXFLG27	152		UXFLG58	171	0
UXFLG28	153		UXFLG59	172	0
UXFLG29	154		UXFLG6	13D	
UXFLG3	13A		UXFLG60	173	
UXFLG30	155		UXFLG61	174	
UXFLG31	156	0	UXFLG62	175	
UXFLG32	157	0	UXFLG63	176	0
UXFLG33	158		UXFLG64	177	0
UXFLG34	159		UXFLG65	178	0
UXFLG35	15A		UXFLG66	179	

Name	Hex Offset	Hex Value
UXFLG67	17A	
UXFLG68	17B	
UXFLG69	17C	0
UXFLG7	13E	
UXFLG70	17D	0
UXFLG71	17E	
UXFLG72	17F	
UXFLG8	13F	
UXFLG9	140	
UXLCIFSS	1C0	10
UXLDX69	188	
UXLDX70	1A4	
UXLGBL	1C0	40
UXLLCL	1C0	20
UXLMAX	128	48
UXLNAM	0	C9C1E3E8
UXLRFSH	1C0	8
UXLSTART	8	
UXL01	8	0
UXL02	C	0
UXL03	10	E4E7F0F3
UXL04	14	E4E7F0F4
UXL05	18	E4E7F0F5
UXL06	1C	E4E7F0F6
UXL07	20	E4E7F0F7
UXL08	24	E4E7F0F8
UXL09	28	E4E7F0F9
UXL10	2C	E4E7F1F0
UXL11	30	E4E7F1F1
UXL12	34	0
UXL13	38	0
UXL14	3C	E4E7F1F4
UXL15	40	E4E7F1F5
UXL16	44	0
UXL17	48	E4E7F1F7
UXL18	4C	E4E7F1F8
UXL19	50	E4E7F1F9
UXL20	54	E4E7F2F0
UXL21	58	E4E7F2F1
UXL22	5C	E4E7F2F2
UXL23	60	E4E7F2F3
UXL24	64	E4E7F2F4
UXL25	68	E4E7F2F5
UXL26	6C	0
UXL27	70	E4E7F2F7
UXL28	74	E4E7F2F8
UXL29	78	E4E7F2F9
UXL30	7C	E4E7F3F0
UXL31	80	0
UXL32	84	0
UXL33	88	E4E7F3F3
UXL34	8C	E4E7F3F4
UXL35	90	E4E7F3F5
UXL36	94	E4E7F3F6
UXL37	98	E4E7F3F7
UXL38	9C	E4E7F3F8
UXL39	A0	E4E7F3F9
UXL40	A4	E4E7F4F0
UXL41	A8	E4E7F4F1
UXL42	AC	E4E7F4F2
UXL43	B0	E4E7F4F3
UXL44	B4	E4E7F4F4
UXL45	B8	E4E7F4F5
UXL46	BC	E4E7F4F6
UXL47	C0	0
UXL48	C4	E4E7F4F8
UXL49	C8	E4E7F4F9
UXL50	CC	E4E7F5F0
UXL51	D0	0
UXL52	D4	0
UXL53	D8	0
UXL54	DC	0
UXL55	E0	0
UXL56	E4	0
UXL57	E8	0
UXL58	EC	0
UXL59	F0	0
UXL60	F4	E4E7F6F0
UXL61	F8	E4E7F6F1
UXL62	FC	E4E7F6F2
UXL63	100	0
UXL64	104	0
UXL65	108	0
UXL66	10C	E4E7F6F6
UXL67	110	E4E7F6F7
UXL68	114	E4E7F6F8
UXL69	118	0
UXL70	11C	0
UXL71	120	E4E7F7F1
UXL72	124	E4E7F7F2
UXRVD3	180	0
UXRVD4	182	0

IATYUX07 Programming Interface information

Programming Interface information

IATYUX07

End of Programming Interface information

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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					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
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					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
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					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
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	Hex Offset	Hex Value
UX7HEND	8	
UX7HSIZE	8	8
UX7ID	0	E4E7F740
UX7NUMUN	8	0
UX7NUMUV	6	0
UX7NUMVL	A	0
UX7START	0	
UX7TOTLN	4	0
UX7UEND	C	
UX7UNIT	0	40404040
UX7USIZE	C	C
UX7USTRT	0	
UX7VEND	6	
UX7VOLUM	0	40404040
UX7VSIZE	6	6
UX7VSTRT	0	

IATYUX30 Programming Interface information

Programming Interface information

IATYUX30

End of Programming Interface information

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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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				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
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	Hex Offset	Hex Value
IATYUX30	0	
UX30AID	8	0
UX30B896	1D	20
UX30CVAL	1C	20
UX30DRSV	30	0
UX30END	1C	80
UX30FLG1	1C	0
UX30FUNC	C	0
UX30ID	18	0
UX30JBOK	30	0
UX30JBRJ	30	4
UX30JFOK	30	0
UX30JOB	14	0
UX30J3JO	30	10
UX30J3OK	30	4
UX30J3RJ	30	C
UX30J3RT	30	8
UX30LST	8	
UX30N896	1D	10
UX30RN00	30	0
UX30RN04	30	4
UX30RN08	30	8
UX30RQRJ	30	8
UX30SRSV	20	0
UX30SSOB	10	0
UX30UFLG	1D	0
UX30URSV	28	0
UX30VAL	1C	40
UX308968	1D	80
UX308969	1D	40
YUX30END	30	38
YUX30ID	0	E8E4E7F3
YUX30SIZ	30	38
YUX30VID	6	1
YUX30VSN	6	0
YUX30130	6	1

IATYUX42 Programming Interface information

Programming Interface information

IATYUX42

End of Programming Interface information

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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	Hex Offset	Hex Value
YUX42CUR	1E	1
YUX42DEL	20	80
YUX42HOQ	20	8
YUX42ID	18	E8E4E7F4
YUX42IF1	21	0
YUX42INI	1E	1
YUX42JDS	4	
YUX42J3W	21	80
YUX42MSG	14	
YUX42NOM	20	40
YUX42ODS	24	40404040
YUX42OFA	0	
YUX42OF1	20	0
YUX42ORI	8	
YUX42RU1	2C	0
YUX42RV1	22	0
YUX42RV3	40	0
YUX42SIZ	40	50
YUX42STR	0	
YUX42SYS	10	
YUX42USR	C	
YUX42VER	1E	
YUX42WTN	20	10
YUX42WTQ	20	20

IATYUX45 Programming Interface information

Programming Interface information

IATYUX45

End of Programming Interface information

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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	Offsets 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	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
UX45EID	1F	C5E4E7F4	UX45USZE	24	24
UX45ID	0	E4E7F4F5			
UX45JMRA	8				
UX45LVCR	4	2			
UX45LVL	4	0			
UX45LV01	4	1			
UX45LV02	4	2			
UX45OSED	10				
UX45OSEV	C				
UX45RSD1	14	0			
UX45RSS1	6	0			
UX45RSU1	18	0			
UX45RSU2	1C	404040			
UX45STRT	0				
UX45UEND	24				

IATYUX57 Programming Interface information

Programming Interface information

IATYUX57

End of Programming Interface information

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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	Hex Offset	Hex Value
IATYUX57	0	
YUX57DC	8A	
YUX57END	100	104
YUX57FLG	B0	
YUX57ID	0	
YUX57JOB	A8	
YUX57KEY	9C	
YUX57RCD	8C	
YUX57RVD	B0	
YUX57RVS	B2	
YUX57RVU	B3	
YUX57R1D	FC	
YUX57R1S	100	
YUX57SAV	B4	
YUX57SIZ	100	104
YUX57TOK	A4	
YUX57TXT	8	
YUX57VID	6	1
YUX57VSN	6	
YUX57220	6	1

IATYUX63 Programming Interface information

Programming Interface information

IATYUX63

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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	Offsets 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'1'	0	YUX63VID	"YUX63511" 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

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

Comment

```
-----------------------------------------------------------------
      User Provides all bit settings of YUX63FL2 upon
      return from IATUX63.
      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	YUX63FL2	Flag byte - All bits set by UX63
		1...		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	Hex Offset	Hex Value
IATYUX63	0	
YUX63ADR	8	
YUX63END	3C	4C
YUX63FCS	18	20
YUX63FGG	18	80
YUX63FGL	18	40
YUX63FHS	18	8
YUX63FL1	18	
YUX63FL2	19	
YUX63FPI	19	80
YUX63FWS	18	10
YUX63ID	0	
YUX63ITP	14	
YUX63LNP	C	
YUX63LNR	E	
YUX63RVD	2C	
YUX63RVS	3C	
YUX63RVU	1C	
YUX63RV1	1A	
YUX63RV2	1B	
YUX63SIZ	3C	4C
YUX63TVP	10	
YUX63VID	6	1
YUX63VSN	6	
YUX63511	6	1

IATYUX66 Programming Interface information

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IATYUX66

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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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		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
		.... 1...		YUX66JSB	"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	Hex Offset	Hex Value
IATYUX66	0	
YUX66APC	70	10
YUX66BYC	60	
YUX66DSN	52	
YUX66DSP	51	
YUX66END	71	72
YUX66FL1	70	
YUX66ID	0	
YUX66JBD	30	
YUX66JBI	10	
YUX66JBN	8	
YUX66JBP	50	
YUX66JBS	70	40
YUX66JSB	70	8
YUX66JSI	40	
YUX66LNC	54	
YUX66PGC	58	
YUX66RCC	5C	
YUX66RS1	38	
YUX66RS3	48	
YUX66RS4	64	
YUX66RS5	68	
YUX66RS6	6C	
YUX66SBL	20	
YUX66SIZ	71	72
YUX66SPN	70	80
YUX66SYS	70	20
YUX66TPI	28	
YUX66USI	18	
YUX66VID	6	1
YUX66VSN	6	
YUX66XMP	71	
YUX66313	6	1

IATYUX67 Programming Interface information

Programming Interface information

IATYUX67

End of Programming Interface information

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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	Offsets 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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- Return code values. ----------	
				End of Comment	
100	(64)	X'0'	0	YUX67R00	"0" Return code 0 - purge the SYSOUT data set
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 IATUX67 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	Hex Offset	Hex Value
IATYUX67	0	
YUX67DNM	38	40404040
YUX67DNO	30	40404040
YUX67END	84	
YUX67ID	0	E8E4E7F6
YUX67JID	28	40404040
YUX67JNM	20	40404040
YUX67MAX	64	10
YUX67NDH	40	
YUX67NOD	10	40404040
YUX67RS1	44	
YUX67RS2	54	
YUX67RS3	64	
YUX67RTK	C	
YUX67R00	64	0
YUX67R04	64	4
YUX67R08	64	8
YUX67R12	64	C
YUX67R16	64	10
YUX67SIZ	84	84
YUX67USR	18	40404040
YUX67UTK	8	
YUX67VID	6	1
YUX67VSN	6	
YUX67313	6	1

IATYUX69 Programming Interface information

Programming Interface information

IATYUX69

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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 Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
---------- 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	Hex Offset	Hex Value
YUX69CMD	64	10
YUX69CUR	6	1
YUX69END	68	
YUX69ID	0	
YUX69JBD	44	
YUX69JBN	4C	
YUX69KEY	5C	
YUX69MAJ	64	40
YUX69REP	64	8
YUX69RSD	2C	
YUX69RSS	3C	
YUX69RSU	34	
YUX69RSV	E	
YUX69R00	64	0
YUX69R04	64	4
YUX69SEQ	14	
YUX69SIN	64	80
YUX69SIZ	68	68
YUX69STR	0	
YUX69SVT	10	
YUX69SYS	54	
YUX69TOR	64	20
YUX69TXL	C	
YUX69TXP	8	
YUX69TYP	64	
YUX69VER	6	
YUX69WRK	18	
YUX69521	6	1

IATYUX70 Programming Interface information

Programming Interface information

IATYUX70

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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 Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- 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.
					Comment
					---------- 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	Hex Offset	Hex Value
YUX70CMD	6C	10
YUX70CON	6D	80
YUX70CUR	6	1
YUX70DAT	6D	20
YUX70END	6D	10
YUX70FCT	1C	
YUX70ID	0	
YUX70JBD	4C	
YUX70JBN	54	
YUX70KEY	64	
YUX70LBL	6D	40
YUX70MAJ	6C	40
YUX70MIN	6C	4
YUX70MLW	6D	
YUX70PTL	10	
YUX70PTX	8	
YUX70REP	6C	8
YUX70RSD	34	
YUX70RSS	44	
YUX70RSU	3C	
YUX70SEQ	14	
YUX70SIN	6C	80
YUX70SIZ	6D	6E
YUX70STL	12	
YUX70STR	0	
YUX70STX	C	
YUX70SYS	5C	
YUX70TOR	6C	20
YUX70TVT	18	
YUX70TYP	6C	
YUX70VER	6	
YUX70WRK	20	
YUX70521	6	1

IATYUX72 Programming Interface information

Programming Interface information

IATYUX72

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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'1'	0	YUX72CUR	"YUX72INI" 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 SAPIDSP
36	(24)	ADDRESS	4	YUX72OSA	Address of Output Service Data Area (IATYOSA) if the caller is OUTSERV
40	(28)	BITSTRING	1	YUX72FL1	Flag byte

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		---------- Definition of bits in YUX72FL1 ----------			
		End of Comment			
		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...		YUX72108	"X'08'" Reserved for IBM
		.... .1..		YUX72104	"X'04'" Reserved for IBM
		.... ..1.		YUX72102	"X'02'" Reserved for IBM
		1		YUX72101	"X'01'" Reserved for IBM
41	(29)	BITSTRING	3	YUX72RS1	Reserved for IBM
44	(2C)	SIGNED	4	YUX72RS2 (3)	Reserved for IBM
56	(38)	SIGNED	4	YUX72RU1 (8)	Reserved for User
56	(38)	X'58'	0	YUX72SIZ	"*-YUX72STR" Size of parameter list

IATYUX72 Cross Reference

Name	Hex Offset	Hex Value
YUX72CUR	6	1
YUX72FL1	28	
YUX72ID	0	
YUX72INI	6	1
YUX72JDS	C	
YUX72MOD	28	80
YUX72MOS	18	
YUX72OSA	24	
YUX72OSD	14	
YUX72OSV	10	
YUX72OUS	28	10
YUX72PSO	28	40
YUX72RQA	8	
YUX72RS1	29	
YUX72RS2	2C	
YUX72RU1	38	
YUX72SAP	28	20
YUX72SDW	20	
YUX72SIZ	38	58
YUX72STR	0	
YUX72VER	6	
YUX72WSP	1C	
YUX72101	28	1
YUX72102	28	2
YUX72104	28	4
YUX72108	28	8

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

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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		...1		VIODELET	"X'10'" An IATXVIO DELETE request was issued for this VIO element
		.... 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.		VIOFL102	"X'02'" Reserved flag
		1		VIOFL101	"X'01'" Reserved flag
249	(F9)	BITSTRING	1	VIOFLAG2	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.

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
250	(FA)	X'7E'	0	VIOBYRED	"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	VIOBYWRT	"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 Dec	Hex	Type/Value	Len	Name (Dim)	Description
				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	VIOPRMXC	"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	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
VIOARDTM	C0	0	VIOFL240	F9	40
VIOAWTTM	D8	0	VIOFL280	F9	80
VIOBYRED	FA	7E	VIOGTDEL	F8	8
VIOBYWRT	FC	7C	VIOID	0	E5C9D640
VIOCBID	88	40404040	VIOINGET	F8	40
VIODELET	F8	10	VIOINWTC	F8	20
VIODELTM	F0	0	VIOIONXT	8C	
VIODESC	48	40404040	VIOJOBID	14	40404040
VIODMCAD	B4		VIOJOBNM	C	40404040
VIOECFAD	B8		VIOMREAD	FB	80
VIOECFMK	BC	0	VIONAVAL	FA	20
VIOEND	100		VIONEXT	4	
VIOFCT	1C		VIOPGFIX	FB	40
VIOFDB	20	0	VIOPREV	8	
VIOFDBIV	FA	40	VIOPRMXC	100	64
VIOFLAGS	F8		VIORCMTM	D0	0
VIOFLAG1	F8	0	VIORDITM	C8	0
VIOFLAG2	F9	0	VIOREDRQ	FA	80
VIOFL101	F8	1	VIORFLGS	FA	
VIOFL102	F8	2	VIORFLG1	FA	0
VIOFL201	F9	1	VIORFLG2	FB	0
VIOFL202	F9	2	VIORF201	FB	1
VIOFL204	F9	4	VIORF202	FB	2
VIOFL208	F9	8	VIORF204	FB	4
VIOFL210	F9	10	VIORF208	FB	8
VIOFL220	F9	20	VIORF210	FB	10

IATYVIO Cross Reference

Name	Hex Offset	Hex Value
VIORF220	FB	20
VIORIDIV	FA	1
VIORIOSQ	90	0
VIOROOT	3C	0
VIOSECXC	100	32
VIOSIZE	100	100
VIOSPADR	20	20
VIOSPMOD	20	20
VIOSPOOL	100	0
VIOSTART	0	
VIOSUAWT	FC	20
VIOSURDC	FA	4
VIOSURSI	FA	10
VIOSUWTC	FC	8
VIOTATRQ	F8	80
VIOUNAWT	FC	10
VIOUNRDC	FA	2
VIOUNRSI	FA	8
VIOUNWTC	FC	4
VIOWCDEL	F8	4
VIOWCMTM	E8	0
VIOWFLGS	FC	
VIOWFLG1	FC	0
VIOWFLG2	FD	0
VIOWF101	FC	1
VIOWF102	FC	2
VIOWF201	FD	1
VIOWF202	FD	2
VIOWF204	FD	4
VIOWF208	FD	8
VIOWF210	FD	10
VIOWF220	FD	20
VIOWF240	FD	40
VIOWF280	FD	80
VIOWIDIV	FC	40
VIOWIOSQ	94	0
VIOWKFDB	98	0
VIOWRTRQ	FC	80
VIOWTITM	E0	0

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

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IATYVITR Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					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	Hex Offset	Hex Value
VITARDTM	78	0
VITAWTTM	90	0
VITCBID	50	40404040
VITCOUNT	B8	1E
VITDELTM	A8	0
VITDESC	10	40404040
VITEND	B8	
VITFDB	58	0
VITFLAGS	B0	0
VITJOBID	8	40404040
VITJOBNM	0	40404040
VITRCMTM	88	0
VITRDITM	80	0
VITRSVD1	74	0
VITRSVD2	B6	0
VITSIZE	B8	B8
VITSTART	0	
VITTOTSZ	B8	1590
VITVIOAD	54	
VITWCMTM	A0	0
VITWTITM	98	0

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	Offsets 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

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
104	(68)	SIGNED	4	VIWSIOSV (16)	Save area to save registers across IATXSIO macro

Comment

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.
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.

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
$RM= RSTPERF HJS6604 951109 PD0DR: OS 2.4.0

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 'xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx', 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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
257	(101)	BITSTRING	1	VIWFLAG1	Flag one

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	Hex Offset	Hex Value
VIWBUFCT	2C	0
VIWCLNER	101	40
VIWDELER	101	80
VIWEND	108	
VIWERVIO	BC	
VIWFCTAD	4	
VIWFLAG1	101	0
VIWFL201	101	1
VIWFL202	101	2
VIWFL204	101	4
VIWFL208	101	8
VIWFL210	101	10
VIWFL220	101	20
VIWID	0	E5C9E640
VIWINTCT	28	0
VIWINTTM	10	0
VIWIOSEQ	C	0
VIWRBSAD	B8	
VIWRTYAD	B4	
VIWSAVE1	34	0
VIWSIOCT	30	0
VIWSIOSV	68	0
VIWSIZE	108	108
VIWSTART	0	
VIWTREND	AC	
VIWTRNXT	B0	
VIWTRSTR	A8	
VIWVIOAD	8	
VIWVIORF	18	
VIWVIORL	1C	
VIWVIOWF	20	
VIWVIOWL	24	
VIWXVFDB	C0	
VIWXVFSZ	CC	10
VIWXVSRE	D0	
VIWXVSSZ	DC	31

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	VLMNFREE	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	VLMSER	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

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IATYVLM Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		1...		VLMDAFET	"X'80'" DA VOLUME HAS BEEN FETCHED
		.1..		VLMTAFET	"X'40'" TAPE VOL HAS BEEN FETCHED
		..1.		VLMDA	"X'20'" DIRECT ACCESS VOLUME
		...1		VLMREQ	"X'10'" A JOB NEEDS THIS VOLUME
		.... 1...		VLMWTVFY	"X'08'" A JOB IS WAITING FOR VERIFY
		.... .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	VLMRSPTY	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..		VLMDMSMS	"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	Hex Offset	Hex Value
VLMACC	44	4
VLMALCNT	54	
VLMALLOC	44	80
VLMBFEND	14	
VLMBFNXT	0	
VLMBFPRV	4	
VLMBFSIZ	14	
VLMBUF	0	
VLMBUSY	44	87
VLMCHAIN	0	
VLMDA	45	20
VLMDAFET	45	80
VLMDAUNV	44	2
VLMDEALC	47	8
VLMDMSMS	47	4
VLMDSNPT	10	
VLMEND	60	
VLMENTRY	0	
VLMEXCL	44	20
VLMFL1	44	
VLMFL2	45	
VLMFL3	47	
VLMFL4	48	
VLMHSHCT	10	B
VLMJBMNT	47	40
VLMJOBNO	50	
VLMMSDEL	47	20
VLMMSV	45	4
VLMNFREE	8	
VLMPAT	4C	
VLMREQ	45	10
VLMRESHR	44	8
VLMRSPTY	46	
VLMRSRV	44	10
VLMSCR	45	1
VLMSCRAP	47	80
VLMSER	4	
VLMSIZE	60	
VLMSVX	58	
VLMSVXEX	45	2
VLMSYSAL	4A	
VLMSYSRS	4C	
VLMTAFET	45	40
VLMTAUNV	44	1
VLMUNAV	44	3
VLMUNFET	47	10
VLMUSECT	C	
VLMVFYPD	44	40
VLMWTVFY	45	8

IATYVSR Programming Interface information

Programming Interface information

IATYVSR

End of Programming Interface information

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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
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

		..1.		VSRCONT	"X'20'" - ON: THIS IS A CONTINUATION SWB RECORD
12	(C)	X'C'	0	VSRCHNXT	"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	Hex Offset	Hex Value
SWPACRO	C	
SWPCPL1	4	20
SWPCPL2	4	10
SWPCPL3	4	8
SWPID	8	
SWPLNGTH	9	
SWPNSWA	4	40
SWPRBN	0	
SWPSTA	4	
SWPVA	5	
SWPWRT	4	80
VSRCHNXT	C	C
VSRCONT	C	20
VSRPRFXL	C	10
ZB502	0	

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	

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					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	
					"*-WBQS_SYSPLEX_SC_ENTRY" Size of entry

Offsets Dec	Offsets 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	Offsets 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_END (0)	
					End of entry
8	(8)	X'8'	0	WBQS_SYSTEM_SC_SIZE	
					"*-WBQS_SYSTEM_SC_ENTRY" Size of entry

Comment

Equates.

End of Comment

8	(8)	X'3E7'	0	WBQS_MAX_RPTCLASS	
					"999" Maximum number of report classes
8	(8)	X'2ED4'	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	Hex Offset	Hex Value
WBQS_MAX_RPTCLASS		
	8	3E7
WBQS_PFXEND	20	
WBQS_PFXID	0	40404040
WBQS_PFXLEN	18	0
WBQS_PFXSIZE	20	20
WBQS_PREFIX	0	
WBQS_RSVD1	1C	0
WBQS_SYSPLEX_RC_COUNTS		
	0	
WBQS_SYSPLEX_RC_ELIG		
	0	0
WBQS_SYSPLEX_RC_END		
	C	
WBQS_SYSPLEX_RC_ENTRY		
	0	
WBQS_SYSPLEX_RC_INELIG		
	4	0
WBQS_SYSPLEX_RC_LIMITED		
	8	0
WBQS_SYSPLEX_RC_MTXSIZE		
	8	2ED4
WBQS_SYSPLEX_RC_SIZE		
	C	C
WBQS_SYSPLEX_SC_ELIG		
	0	0
WBQS_SYSPLEX_SC_END		
	C	
WBQS_SYSPLEX_SC_ENTRY		
	0	
WBQS_SYSPLEX_SC_INELIG		
	4	0
WBQS_SYSPLEX_SC_LIMITED		
	8	0
WBQS_SYSPLEX_SC_SIZE		
	C	C
WBQS_SYSTEM_SC_ELIG		
	0	0
WBQS_SYSTEM_SC_END		
	8	
WBQS_SYSTEM_SC_ENTRY		
	0	
WBQS_SYSTEM_SC_INELIG		
	4	0
WBQS_SYSTEM_SC_SIZE		
	8	8

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	WCD_SUHFLAG1	Flag one
		1...		WCD_SUDEFPOL	"X'80'" The service definition id represents the default WLM policy
41	(29)	BITSTRING	3	WCD_SUHRSVD1	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

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IATYWCD Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- Definition of WCD_SUFLAG1 ----------	
				End of Comment	
28	(1C)	BITSTRING	1	WCD_SUFLAG1	Flag one
		1...		WCD_SUSRVSET	"X'80'" Service class was set via a command or IWMRESET
29	(1D)	BITSTRING	3	WCD_SUERSVD1	Reserved for IBM
				Comment	
				---------- 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	Hex Offset	Hex Value
WCD_SUDEFPOL	28	80
WCD_SUEEND	24	
WCD_SUERSVD1	1D	0
WCD_SUESIZE	24	24
WCD_SUESTART	0	
WCD_SUFLAG1	1C	0
WCD_SUHDRLEN	4	0
WCD_SUHEND	2C	
WCD_SUHFLAG1	28	0
WCD_SUHRSVD1	29	0
WCD_SUHSIZE	2C	2C
WCD_SUHSTART	0	
WCD_SUJOBID	8	40404040
WCD_SUJOBNAM	0	40404040
WCD_SUSRVCLS	10	40404040
WCD_SUSRVDEF	8	0
WCD_SUSRVSET	1C	80
WCD_SUVARCNT	0	0
WCD_SUVARLEN	6	0
WCD_SUWLMTKN	18	0
WCD_SUWSRMTK	20	0

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 preceeds 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	WCHHDRLN	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

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IATYWCH Cross Reference

Name	Hex Offset	Hex Value
WCHCVER	8	2
WCHEND	1C	
WCHHDRLN	2	0
WCHID	4	E6C3C840
WCHRSVD1	A	0
WCHSAMPD	9	1
WCHSIZE	1C	1C
WCHSRVUP	9	2
WCHSTART	0	
WCHTOTLN	0	0
WCHTYPE	9	0
WCHVERS	8	0
WCHVER1	8	1
WCHVER2	8	2

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.

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

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Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				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 Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				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...		WCWRF108	"X'08'" Reserved flag
		.... .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	
		Parameter Lists.			
				End of Comment	
344	(158)	DBL WORD	8	WCWAPMLS (0)	
				Comment	

		IWMCLSFY parameter list			

				End of Comment	
				Comment	
		MACDATE -05/26/00-<5>			
				End of Comment	
0	(0)	X'158'	0	M00M0002	"WCWACLSF" ++ IWMCLSFY NAME
344	(158)	DBL WORD	8	WCWACLSF (0)	++ IWMCLSFY PARM LIST
344	(158)	BITSTRING	1	WCWACLSF_XVERSION	++ INPUT XVERSION
345	(159)	CHARACTER	1	WCWACLSF_XRSV0001	++ RESERVED XRSV0001
346	(15A)	BITSTRING	2	WCWACLSF_XPLISTLEN	

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					++ INPUT XPLISTLEN
348	(15C)	BITSTRING	4	WCWACLSF_XSRMTOKEN	
					++ XSRMTOKEN
352	(160)	ADDRESS	4	WCWACLSF_XTRXNAME_ADDR	
					++ ADDR XTRXNAME
356	(164)	ADDRESS	4	WCWACLSF_XUSERID_ADDR	
					++ ADDR XUSERID
360	(168)	ADDRESS	4	WCWACLSF_XTRXCLASS_ADDR	
					++ ADDR XTRXCLASS
364	(16C)	ADDRESS	4	WCWACLSF_XSUBCOLN_ADDR	
					++ ADDR XSUBCOLN
368	(170)	ADDRESS	4	WCWACLSF_XSOURCELU_ADDR	
					++ ADDR XSOURCELU
372	(174)	SIGNED	4	WCWACLSF_XSOURCELULEN	
					++ FIELD_LABEL XSOURCELULEN
376	(178)	ADDRESS	4	WCWACLSF_XSCHEDENV_ADDR	
					++ ADDR XSCHEDENV
380	(17C)	SIGNED	4	WCWACLSF_XSCHEDENV_LEN	
					++ XSCHEDENV_LEN
384	(180)	BITSTRING	4	WCWACLSF_XSERVCLS	
					++ XSERVCLS
388	(184)	CHARACTER	8	WCWACLSF_XSRVCLSNM	
					++ XSRVCLSNM
396	(18C)	CHARACTER	8	WCWACLSF_XRPTCLSNM	
					++ XRPTCLSNM
404	(194)	BITSTRING	4	WCWACLSF_XCONNTKN	
					++ XCONNTKN
408	(198)	ADDRESS	4	WCWACLSF_XSSN	
					++ FIELD_LABEL XSSN
412	(19C)	CHARACTER	4	WCWACLSF_XRSVD0068	
					++ RESERVED XRSVD0068
416	(1A0)	ADDRESS	4	WCWACLSF_XNETID_ADDR	
					++ ADDR XNETID
420	(1A4)	ADDRESS	4	WCWACLSF_XLUNAME_ADDR	
					++ ADDR XLUNAME
424	(1A8)	ADDRESS	4	WCWACLSF_XACCTINFO_ADDR	
					++ ADDR XACCTINFO
428	(1AC)	SIGNED	4	WCWACLSF_XACCTINFL	
					++ XACCTINFL
432	(1B0)	ADDRESS	4	WCWACLSF_XSUBSYSPM_ADDR	
					++ ADDR XSUBSYSPM
436	(1B4)	SIGNED	4	WCWACLSF_XSSPMLEN	
					++ XSSPMLEN
440	(1B8)	ADDRESS	4	WCWACLSF_XCOLLECTION_ADDR	
					++ ADDR XCOLLECTION
444	(1BC)	SIGNED	4	WCWACLSF_XCOLLECTION_LEN	
					++ XCOLLECTION_LEN
448	(1C0)	ADDRESS	4	WCWACLSF_XPLAN_ADDR	
					++ ADDR XPLAN
452	(1C4)	ADDRESS	4	WCWACLSF_XPACKAGE_ADDR	
					++ ADDR XPACKAGE
456	(1C8)	ADDRESS	4	WCWACLSF_XCORRELATION_ADDR	
					++ ADDR XCORRELATION
460	(1CC)	SIGNED	4	WCWACLSF_XCORR_LEN	
					++ XCORR_LEN
464	(1D0)	ADDRESS	4	WCWACLSF_XCONNECTION_ADDR	
					++ ADDR XCONNECTION
468	(1D4)	ADDRESS	4	WCWACLSF_XPERFORM_ADDR	
					++ ADDR XPERFORM
472	(1D8)	ADDRESS	4	WCWACLSF_XPRCNAME_ADDR	
					++ ADDR XPRCNAME
476	(1DC)	SIGNED	4	WCWACLSF_XPRCNAME_LEN	
					++ XPRCNAME_LEN
480	(1E0)	ADDRESS	4	WCWACLSF_XPRIORITY_ADDR	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
					++ ADDR XPRIORITY
484	(1E4)	ADDRESS	4	WCWACLSF_XPROCESSNAME_ADDR	
					++ ADDR XPROCESSNAME
488	(1E8)	SIGNED	4	WCWACLSF_XPROCESSNM_LEN	
					++ XPROCESSNM_LEN
492	(1EC)	ADDRESS	4	WCWACLSF_XTTRACETOKEN_ADDR	
					++ ADDR XTTRACETOKEN
492	(1EC)	X'98'	0	WCWACLSFL	"*-WCWACLSF" ++ LENGTH OF PLIST

Comment

IWMCLSFY-5

IWMBSET parameter list

End of Comment

Comment

MACDATE -03/27/97-<0>

End of Comment

0	(0)	X'158'	0	M00M0005	"WCWABSET" ++ IWMBSET NAME
344	(158)	DBL WORD	8	WCWABSET (0)	++ IWMBSET PARM LIST
344	(158)	BITSTRING	1	WCWABSET_XVERSION	
					++ INPUT XVERSION
345	(159)	CHARACTER	1	WCWABSET_XRSV001	
					++ RESERVED XRSV001
346	(15A)	BITSTRING	2	WCWABSET_XPLISTLEN	
					++ INPUT XPLISTLEN
348	(15C)	BITSTRING	4	WCWABSET_XSERVCLS	
					++ XSERVCLS
352	(160)	CHARACTER	8	WCWABSET_XSRVCLSNM	
					++ XSRVCLSNM
360	(168)	CHARACTER	4	WCWABSET_XRSV002	
					++ RESERVED XRSV002
360	(168)	X'14'	0	WCWABSETL	"*-WCWABSET" ++ LENGTH OF PLIST

Comment

IWMBSET-0

IATXDELY parameter list

End of Comment

344	(158)	DBL WORD	8	WCWADELY (0)	IATXDELY Parameter List
344	(158)	ADDRESS	4		JQE address
348	(15C)	ADDRESS	4		RQ address
352	(160)	DBL WORD	8		Time stamp
360	(168)	ADDRESS	4		JCT address
364	(16C)	SIGNED	4	(2)	Reserved for IBM

Comment

Reset to end of parameter lists.

End of Comment

496	(1F0)	X'98'	0	WCWPMSIZ	"*-WCWAPMLS" Size of parameter lists

IATYWCWA Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
Comment					
End of the WCWA.					
End of Comment					
496	(1F0)	DBL WORD	8	WCWAEND (0)	End of WCWA
496	(1F0)	X'1F0'	0	WCWASIZE	"WCWAEND-WCWASTRT" Size of WCWA

IATYWCWA Cross Reference

Name	Hex Offset	Hex Value
M00M0002	0	158
M00M0005	0	158
WCWABSET	158	
WCWABSET_XPLISTLEN	15A	
WCWABSET_XRSV001	159	
WCWABSET_XRSV002	168	
WCWABSET_XSERVCLS	15C	
WCWABSET_XSRVCLSNM	160	
WCWABSET_XVERSION	158	
WCWABSETL	168	14
WCWACCT	94	0
WCWACCTL	90	0
WCWACLSF	158	
WCWACLSF_XACCTINFL	1AC	
WCWACLSF_XACCTINFO_ADDR	1A8	
WCWACLSF_XCOLLECTION_ADDR	1B8	
WCWACLSF_XCOLLECTION_LEN	1BC	
WCWACLSF_XCONNECTION_ADDR	1D0	
WCWACLSF_XCONNTKN	194	
WCWACLSF_XCORR_LEN	1CC	
WCWACLSF_XCORRELATION_ADDR	1C8	
WCWACLSF_XLUNAME_ADDR	1A4	
WCWACLSF_XNETID_ADDR	1A0	
WCWACLSF_XPACKAGE_ADDR	1C4	
WCWACLSF_XPERFORM_ADDR	1D4	
WCWACLSF_XPLAN_ADDR	1C0	
WCWACLSF_XPLISTLEN	15A	
WCWACLSF_XPRCNAME_ADDR	1D8	
WCWACLSF_XPRCNAME_LEN	1DC	
WCWACLSF_XPRIORITY_ADDR	1E0	
WCWACLSF_XPROCESSNAME_ADDR	1E4	
WCWACLSF_XPROCESSNM_LEN	1E8	
WCWACLSF_XRPTCLSNM	18C	
WCWACLSF_XRSVD0068	19C	
WCWACLSF_XRSV0001	159	
WCWACLSF_XSCHEDENV_ADDR	178	
WCWACLSF_XSCHEDENV_LEN	17C	
WCWACLSF_XSERVCLS	180	
WCWACLSF_XSOURCELU_ADDR	170	
WCWACLSF_XSOURCELULEN	174	
WCWACLSF_XSRMTOKEN	15C	
WCWACLSF_XSRVCLSNM	184	
WCWACLSF_XSSN	198	
WCWACLSF_XSSPMLEN	1B4	
WCWACLSF_XSUBCOLN_ADDR	16C	
WCWACLSF_XSUBSYSPM_ADDR	1B0	
WCWACLSF_XTRXCLASS_ADDR	168	
WCWACLSF_XTRXNAME_ADDR	160	
WCWACLSF_XTTRACETOKEN_ADDR	1EC	
WCWACLSF_XUSERID_ADDR	164	
WCWACLSF_XVERSION	158	
WCWACLSFL	1EC	98
WCWADELY	158	
WCWAEND	1F0	
WCWAID	0	E6C3E6C1
WCWAPMLS	158	
WCWASAVE	4	0
WCWASIZE	1F0	1F0

Name	Hex Offset	Hex Value
WCWASTRT	0	
WCWCLSTK	144	0
WCWERFLG	155	0
WCWFLAG1	154	0
WCWJCT	14C	20
WCWJCTAD	6C	
WCWJCTER	155	80
WCWJMRFD	70	
WCWJOBNM	74	40404040
WCWJOBNO	14C	80
WCWJQE	14C	40
WCWJQEAD	68	
WCWJQEER	155	40
WCWOLDSC	123	40404040
WCWOPT01	14C	0
WCWOPT02	14D	0
WCWOPT03	14E	0
WCWOPT04	14F	0
WCWPERFM	88	40404040
WCWPMSIZ	1F0	98
WCWPREAL	154	80
WCWPRTY	7C	0
WCWRCLRQ	154	10
WCWRDJCT	154	20
WCWRDJMR	154	40
WCWREGS	14C	
WCWREG0	14C	
WCWREG1	150	0
WCWRER01	155	1
WCWRER02	155	2
WCWRER04	155	4
WCWRER08	155	8
WCWRER10	155	10
WCWRER20	155	20
WCWRF101	154	1
WCWRF102	154	2
WCWRF104	154	4
WCWRF108	154	8
WCWRQ	14C	10
WCWRQAD	64	
WCWRSVD1	4C	
WCWSCHEN	12B	40404040
WCWSRMTK	148	0
WCWSRVCL	13B	40404040
WCWUSERI	80	40404040
WCWVALYS	14C	8

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 IATYMPC
MPCGMWEV in IATYMPC
MPCWLWEV in IATYMPC
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

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

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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
					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	
					Reserved for dev/service
64	(40)	DBL WORD	8	WEV_WLMGOL_END (0)	
					End of specific data
64	(40)	X'40'	0	WEV_WLMGOL_SIZE	
					"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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					End of WEV.
					End of Comment
88	(58)	X'58'	0	WEVMAXSZ	"*-WEVSTART" Maximum size of a WEV

IATYWEV Cross Reference

Name	Hex Offset	Hex Value
WEV_DEFSCL_ASCB	40	
WEV_DEFSCL_END	58	
WEV_DEFSCL_JOBID	38	40404040
WEV_DEFSCL_JOBNAME	30	40404040
WEV_DEFSCL_RSVD	44	0
WEV_DEFSCL_SIZE	58	58
WEV_DEFSCL_START	30	
WEV_POLICY_END	B0	
WEV_POLICY_RSVD	30	0
WEV_POLICY_SIZE	B0	B0
WEV_POLICY_START	30	
WEV_RSRVCL_END	58	
WEV_RSRVCL_JOBID	38	40404040
WEV_RSRVCL_JOBNAME	30	40404040
WEV_RSRVCL_RSVD	48	0
WEV_RSRVCL_SIZE	58	58
WEV_RSRVCL_START	30	
WEV_RSRVCL_STOKEN	40	0
WEV_SCHAVL_END	60	
WEV_SCHAVL_NAME	30	40404040
WEV_SCHAVL_RSVD	40	0
WEV_SCHAVL_SIZE	60	60
WEV_SCHAVL_START	30	
WEV_SCHUAV_END	60	
WEV_SCHUAV_NAME	30	40404040
WEV_SCHUAV_RSVD	40	0
WEV_SCHUAV_SIZE	60	60
WEV_SCHUAV_START	30	
WEV_SRVDEF_END	40	
WEV_SRVDEF_RSVD	30	0
WEV_SRVDEF_SIZE	40	40
WEV_SRVDEF_START	30	
WEV_SYSAVL_END	40	
WEV_SYSAVL_RSVD	30	0
WEV_SYSAVL_SIZE	40	40
WEV_SYSAVL_START	30	
WEV_TYPE_DEFSCL	21	8
WEV_TYPE_POLICY	21	3
WEV_TYPE_RSRVCL	21	5
WEV_TYPE_SCHAVL	21	1
WEV_TYPE_SCHUAV	21	2
WEV_TYPE_SRVDEF	21	7
WEV_TYPE_SYSAVL	21	4
WEV_TYPE_WLMGOL	21	6
WEV_WLMGOL_END	40	
WEV_WLMGOL_RSVD	30	0
WEV_WLMGOL_SIZE	40	40
WEV_WLMGOL_START	30	
WEVCURVR	20	0
WEVFEND	30	
WEVFSIZE	30	30
WEVFXRS1	2	0
WEVFXRS2	14	0
WEVFXRS3	22	0
WEVID	4	E6C5E540
WEVINTVR	20	0

IATYWEV Cross Reference

Name	Hex Offset	Hex Value
WEVMAXSZ	58	58
WEVNEXT	8	
WEVSPOOL	21	F1
WEVSTART	0	
WEVSYSNM	C	40404040
WEVTIME	18	0
WEVTOTSZ	0	0
WEVTYPE	21	0
WEVVERSN	20	0

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: IATWLFSM
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

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				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
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	Offsets 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	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	WJS_MSWSTART	, WLM Job Sampling Element
0	(0)	SIGNED	4	WJS_MSWJOBNO	Job number for debugging 2
4	(4)	ADDRESS	4	WJS_MSWNEXT	Address of next element
8	(8)	SIGNED	4	WJS_MSWMAINS	Main eligibility mask from JQEX_MAINMASK
12	(C)	CHARACTER	8	WJS_MSWSRVCL	Service class name from from JQEX_SRVCLASS
20	(14)	SIGNED	4	WJS_MSWWLMTK	WLM Classification token from JQEX_WLMTOKEN
24	(18)	BITSTRING	1	WJS_MSWQFLGS	JSS wait queue that the job is on from JQEQFLGS
25	(19)	BITSTRING	1	WJS_MSWGRPSQ	Group sequence number from JQEGRP
26	(1A)	BITSTRING	6	WJS_MSWRSVD1	Reserved for development
32	(20)	DBL WORD	8	WJS_MSWEND (0)	End of element
32	(20)	X'20'	0	WJS_MSWSIZE	"WJS_MSWEND-WJS_MSWSTART" Size of element

IATYWJS Cross Reference

Name	Hex Offset	Hex Value
WJS_GMSBYPAS	21	0
WJS_GMSCLSSQ	1F	0
WJS_GMSEND	28	
WJS_GMSFLG1	20	0
WJS_GMSGRPSQ	1E	0
WJS_GMSHASSE	20	40
WJS_GMSHOLD	20	80
WJS_GMSJOBNO	0	0
WJS_GMSMAINS	8	0
WJS_GMSNEXT	4	
WJS_GMSRSVD1	22	0
WJS_GMSSCHMM	C	0
WJS_GMSSIZE	28	28
WJS_GMSSPNDX	1C	0
WJS_GMSSRVCL	10	40404040
WJS_GMSSTART	0	
WJS_GMSWLMTK	18	0
WJS_MDSEND	20	
WJS_MDSGRPSQ	19	0
WJS_MDSINDEX	18	0
WJS_MDSJOBNO	0	0
WJS_MDSMAINS	8	0
WJS_MDSNEXT	4	
WJS_MDSRSVD1	1A	0
WJS_MDSSIZE	20	20
WJS_MDSSRVCL	C	40404040
WJS_MDSSTART	0	
WJS_MDSWLMTK	14	0
WJS_MSWEND	20	
WJS_MSWGRPSQ	19	0
WJS_MSWJOBNO	0	0
WJS_MSWMAINS	8	0
WJS_MSWNEXT	4	
WJS_MSWQFLGS	18	0
WJS_MSWRSVD1	1A	0
WJS_MSWSIZE	20	20
WJS_MSWSRVCL	C	40404040
WJS_MSWSTART	0	
WJS_MSWWLMTK	14	0

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 IATYTVTX
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	50	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)
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)

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
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 IATWLLSM
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_ECBADD1	ECB address 1
300	(12C)	ADDRESS	4	WLM_ECBADD2	ECB address 2
304	(130)	ADDRESS	4	WLM_ECBADD3	ECB address 3

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

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

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

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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
					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_SAMPTMID	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_SAMPTIME	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
		.1..		WLM_SAMPTSKW	"X'40'" The WLM subtask is waiting for the sampling lock
					Comment
					---------- Information used by the WLM subtask on the local when receiving sampling data from the WLM subtask on the global. ----------
					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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- 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. ----------
					End of Comment
648	(288)	SIGNED	4	WLM_USMPMMSK	Unconditional sampling main mask
					Comment
					---------- Miscellaneous sampling information used by the WLM subtask ----------
					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
					Save Areas and Work Areas. ---------- FCT related save areas and work areas. ----------
					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
					Comment
					---------- 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

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

WLM Recovery Stack Information
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.
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.

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_RECPARM	"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

Definition of WLM_ECF1 (serialized via compare and swap).

End of Comment

1056	(420)	BITSTRING	1	WLM_ECF1	ECF one
		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

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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
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_FCTR104	"X'04'" Reserved flag
		.... ..1.		WLM_FCTR102	"X'02'" Reserved flag
		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
		1		WLM_FCTR301	"X'01'" Reserved flag

Comment

Definition of WLM_TSKFLG1.

End of Comment

1063	(427)	BITSTRING	1	WLM_TSKFLG1	Subtask flag 1

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		1...		WLM_SUBTFAIL	"X'80'" WLM subtask failed
		.1..		WLM_STINCOMP	"X'40'" WLM subtask initialization is complete
		..1.		WLM_SAMPALL	"X'20'" Sampling data needs to be sent to all systems
		...1		WLM_BQRYREQ	"X'10'" IWMBQRY processing is required during sampling
		.... 1...		WLM_NEWSRVDF	"X'08'" A new WLM service definition id was provided in the sampling data
		.... .1..		WLM_CLSLMTUP	"X'04'" Class limits were updated for the previous service class
		.... ..1.		WLM_RPTCCOPY	"X'02'" Current report class information needs to be copied to previous information
		1		WLM_TSKR101	"X'01'" Reserved flag

Comment

Definition of WLM_TSKFLG2.

End of Comment

1064	(428)	BITSTRING	1	WLM_TSKFLG2	Subtask flag 2
		1...		WLM_TSKR280	"X'80'" Reserved flag
		.1..		WLM_TSKR240	"X'40'" Reserved flag
		..1.		WLM_TSKR220	"X'20'" Reserved flag
		...1		WLM_TSKR210	"X'10'" Reserved flag
		.... 1...		WLM_TSKR208	"X'08'" Reserved flag
		.... .1..		WLM_TSKR204	"X'04'" Reserved flag
		.... ..1.		WLM_TSKR202	"X'02'" Reserved flag
		1		WLM_TSKR201	"X'01'" Reserved flag

Comment

Definition of WLM_TSKFLG3.

End of Comment

1065	(429)	BITSTRING	1	WLM_TSKFLG3	Subtask flag 3
		1...		WLM_TSKR380	"X'80'" Reserved flag
		.1..		WLM_TSKR340	"X'40'" Reserved flag
		..1.		WLM_TSKR320	"X'20'" Reserved flag
		...1		WLM_TSKR310	"X'10'" Reserved flag
		.... 1...		WLM_TSKR308	"X'08'" Reserved flag
		.... .1..		WLM_TSKR304	"X'04'" Reserved flag
		.... ..1.		WLM_TSKR302	"X'02'" Reserved flag
		1		WLM_TSKR301	"X'01'" Reserved flag

Comment

Parameter Lists/Work Areas used by the JES3 Nuc Task.

ATIME parameter list.

$RX= OS280 HJS6608 981217 PD0DR: OS 2.8.0

End of Comment

1068	(42C)	SIGNED	4	(0)	ALIGNMENT
1068	(42C)	BITSTRING	4	WLM_ATIME	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		UNUSED
1084	(43C)	ADDRESS	4		FCT ADDRESS

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

					MESSAGE parameter list.

					$RX=OS280 HJS6608 981217 PD0DR: OS 2.8.0
					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		Flags and Priority
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
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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- IATXJQE SEARCH parameter list. ----------
					End of Comment
1168	(490)	BITSTRING	8	WLM_JQESTOKN	IATXJQE SEARCH token
					Comment
					$SD= JBGT64K HJS7705 000718 PD0RF: z 1.2.0 $SF= z1.4.0 HJS7707 020129 PD0VW: z 1.4.0 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
Dec        Hex        Type/Value        Len     Name (Dim)          Description
                                                  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" ++ IWMBSMP NAME
1304       (518)      DBL WORD          8       WLM_BSMP (0)        ++ IWMBSMP 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_BSMPL           "*-WLM_BSMP" ++ LENGTH OF PLIST
                                                  Comment

                                 IWMBSMP-0
 ------------------------------------------------------------
      WLM Batch Queue Query parameter list.
 ------------------------------------------------------------

                                                  End of Comment
```

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				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 ---------- System list returned by the IWMBQRY service. It contains a list of systems that don't have any initiators started for the service class. ----------			
				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	
		---------- WLM Batch Request Initiator Placement parm list. ----------			
				End of Comment	
				Comment	
		MACDATE -03/13/97-<0>			
				End of Comment	
0	(0)	X'518'	0	M00M0025	"WLM_BRIP" ++ IWMBRIP NAME
1304	(518)	DBL WORD	8	WLM_BRIP (0)	++ IWMBRIP PARM LIST

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

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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

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

Comment

IXZXIXMB-1

IXZXIXMC parameter list.

End of Comment

Comment

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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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1336	(538)	SIGNED	4	WLM_IXRM_XPOSTALET	++ XPOSTALET
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 -93/06/10-<1>

End of Comment

1300	(514)	SIGNED	2	M00M0029 (0)	IXZXIXAC-1
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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
1345	(541)	BITSTRING	1	WLM_IXAC_XMSGATTR	
					++ INPUT
		1...		WLM_IXAC_XMSGATTR_J3CONNECT	
					"B'10000000'" ++ XMSGATTR.J3CONNECT KEYWORD
		.1..		WLM_IXAC_XMSGATTR_EXPRESS	
					"B'01000000'" ++ XMSGATTR.EXPRESS KEYWORD
1345	(541)	X'2A'	0	WLM_IXACL	"*-WLM_IXAC" ++ LENGTH OF PLIST

Comment

IXZXIXAC-1

IXZXIXSM parameter list.

End of Comment

Comment

MACDATE -93/05/10-<1>

End of Comment

1300	(514)	SIGNED	2	M00M0030 (0)	IXZXIXSM-1
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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
1416	(588)	CHARACTER	4	WLM_IXSM_XRSV00001	
					++ RESERVED XRSV00001
1420	(58C)	BITSTRING	8	WLM_IXSM_XMSGTOKEN	
					++ XMSGTOKEN
1428	(594)	SIGNED	4	WLM_IXSM_XSYNCECB	
					++ FIELD_LABEL XSYNCECB
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
1435	(59B)	X'84'	0	WLM_IXSML	"*-WLM_IXSM" ++ LENGTH OF PLIST

Comment

IXZXIXSM-1

STIMERM parameter list.

End of Comment

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

SDUMPX Parameter List.					

				End of Comment	
1300	(514)	SIGNED	4	WLM_SDUMPX (0)	SDUMP PARAMETER LIST
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

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

End of the WLM.

End of Comment

1608	(648)	DBL WORD	8	WLM_END (0)	End of WLM
1608	(648)	X'648'	0	WLM_SIZE	"WLM_END-WLM_START" Size of WLM

Comment

Miscellaneous Equates.

End of Comment

1608	(648)	X'1D4C0'	0	WLM_JCTCKPTM	"(20*60*100)" JCT checkpointing timer interval in hundreths of a second
1608	(648)	X'1D4C0'	0	WLM_DREGSCTM	"(20*60*100)" Service class deregistration time interval in hundreths of a second
1608	(648)	X'C8'	0	WLM_SAMPMINI	"200" Minimum time between samples in 100ths of a second
1608	(648)	X'1770'	0	WLM_SAMPMAXI	"6000" Maximum time between samples in 100ths of a second
1608	(648)	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
1608	(648)	X'E'	0	WLM_BQRYTIME	"WLM_BQRYSEC*1000000/1048576" IWMBQRY time in clock units

IATYWLM Cross Reference

Name	Hex Offset	Hex Value
M00M0023	0	518
M00M0024	0	518
M00M0025	0	518
M00M0026	514	
M00M0027	514	
M00M0028	514	
M00M0029	514	
M00M0030	514	
WLM_ANRCLSCN	424	8
WLM_APPLENV	48	E2E8E2C2
WLM_ATIME	42C	0
WLM_BQRY	518	
WLM_BQRY_KEYUSED_AVGQ	519	80
WLM_BQRY_KEYUSED_PREFLIST	519	20
WLM_BQRY_KEYUSED_SYSTEML	519	40
WLM_BQRY_XAVGQ	52C	
WLM_BQRY_XNUMSYS	534	
WLM_BQRY_XOPTIONS	519	
WLM_BQRY_XPLISTLEN	51A	
WLM_BQRY_XPREFLIST_ADDR	538	
WLM_BQRY_XPREFNUM	53C	
WLM_BQRY_XQTOKEN	51C	
WLM_BQRY_XSYSTEML_ADDR	530	
WLM_BQRY_XVERSION	518	
WLM_BQRYCNT	540	0
WLM_BQRYL	53C	28

Name	Hex Offset	Hex Value
WLM_BQRYREQ	427	10
WLM_BQRYSEC	648	F
WLM_BQRYSIZE	544	104
WLM_BQRYSYS	544	40404040
WLM_BQRYTIME	648	E
WLM_BQSHDR	168	
WLM_BQSRC	170	
WLM_BQSSC	16C	
WLM_BRIP	518	
WLM_BRIP_XNUMSYS	530	
WLM_BRIP_XPLISTLEN	51A	
WLM_BRIP_XQTOKEN	51C	
WLM_BRIP_XRSV0001	519	
WLM_BRIP_XRSV001C	534	
WLM_BRIP_XSYSTEML_ADDR	52C	
WLM_BRIP_XVERSION	518	
WLM_BRIPCNT	53C	0
WLM_BRIPL	534	24
WLM_BRIPMMSK	290	0
WLM_BRIPSIZE	540	104
WLM_BRIPSYS	540	40404040
WLM_BSMP	518	
WLM_BSMP_XBQS	51C	
WLM_BSMP_XPLISTLEN	51A	
WLM_BSMP_XRSV0001	519	
WLM_BSMP_XRSV0040	540	
WLM_BSMP_XRSV0044	544	
WLM_BSMP_XSVDEF_ID	520	
WLM_BSMP_XVERSION	518	
WLM_BSMPL	544	34
WLM_BSMPRESN	298	0
WLM_BSMPRETC	294	0
WLM_CLSFYWRK	118	
WLM_CLSLMTUP	427	4
WLM_COMMECB	13C	0
WLM_CONNTOKN	44	0
WLM_CRHIGHRC	228	0
WLM_CRHIGHSC	220	0
WLM_CRPLEXRC	198	
WLM_CSMBRIP	A4	
WLM_CSMGTFTR	A8	
WLM_CSMMTXIN	A0	
WLM_CURRSTAK	3EC	
WLM_DEFPOLCY	422	20
WLM_DREGSCAN	420	4
WLM_DREGSCTM	648	1D4C0
WLM_DRGSCAN	B0	
WLM_DSPALET	180	0
WLM_DSPEND	190	0
WLM_DSPFREE	22C	
WLM_DSPORIGN	18C	0
WLM_DSPSTOKN	184	0
WLM_DUMPECB	144	0
WLM_DWORK	2F0	
WLM_ECBADD1	128	
WLM_ECBADD2	12C	
WLM_ECBADD3	130	
WLM_ECBLIST	128	
WLM_ECFR101	420	1
WLM_ECFR201	421	1
WLM_ECFR202	421	2
WLM_ECFR204	421	4
WLM_ECFR208	421	8
WLM_ECFR210	421	2
WLM_ECFR220	421	10
WLM_ECFR240	421	20
WLM_ECFR280	421	40
WLM_ECF1	420	0
WLM_ECF1POST	420	FE
WLM_ECF2	421	80
WLM_END	648	
WLM_ESTAEX	514	
WLM_EVENT	420	2
WLM_EVTROUTR	BC	
WLM_FCTFAIL	424	40
WLM_FCTFLG1	424	0
WLM_FCTFLG2	425	0
WLM_FCTFLG3	426	0
WLM_FCTR101	424	1
WLM_FCTR102	424	2
WLM_FCTR104	424	4
WLM_FCTR201	425	1
WLM_FCTR202	425	2
WLM_FCTR204	425	4
WLM_FCTR208	425	8
WLM_FCTR210	425	10
WLM_FCTR220	425	20
WLM_FCTR240	425	40
WLM_FCTR280	425	80
WLM_FCTR301	426	1
WLM_FCTR302	426	2
WLM_FCTR304	426	4
WLM_FCTR308	426	8
WLM_FCTR310	426	10
WLM_FCTR320	426	20
WLM_FCTR340	426	40
WLM_FCTR380	426	80
WLM_FJRRETRY	C4	
WLM_FLAG1	422	0
WLM_FLAG2	423	0
WLM_FLGR101	422	1
WLM_FLGR102	422	2
WLM_FLGR104	422	4
WLM_FLGR201	423	1
WLM_FLGR202	423	2
WLM_FLGR204	423	4
WLM_FLGR208	423	8
WLM_FLGR210	423	10
WLM_FLGR220	423	20
WLM_FLGR240	423	40
WLM_FLGR280	423	80
WLM_FSMCOLCT	CC	
WLM_GENF	490	
WLM_GSMANLYZ	D4	
WLM_GSMTIMER	D8	
WLM_GTFBUFAD	148	

Name	Hex Offset	Hex Value
WLM_GTFBUFSZ	14C	0
WLM_IATWLCSM	9C	
WLM_IATWLDRG	AC	
WLM_IATWLDRV	B4	
WLM_IATWLEVT	B8	
WLM_IATWLFJR	C0	
WLM_IATWLFSM	C8	
WLM_IATWLGSM	D0	
WLM_IATWLJCK	DC	
WLM_IATWLLSM	E4	
WLM_IATWLRCL	F0	
WLM_IATWLSRR	FC	
WLM_IATWLSTA	100	
WLM_IATWLSTK	108	
WLM_ID	0	E6D3D440
WLM_INITFAIL	424	80
WLM_IXAC	518	
WLM_IXAC_KEYUSED_DATA	540	80
WLM_IXAC_KEYUSED_DATALEN	540	40
WLM_IXAC_KEYUSED_SYSRC	540	10
WLM_IXAC_KEYUSED_SYSRSN	540	8
WLM_IXAC_KEYUSED_USERRC	540	20
WLM_IXAC_XDATA	528	
WLM_IXAC_XDATALEN	52C	
WLM_IXAC_XEYECATCH	519	
WLM_IXAC_XGROUPTOKEN	534	
WLM_IXAC_XKEYS	540	
WLM_IXAC_XMSGATTR	541	
WLM_IXAC_XMSGATTR_EXPRESS	541	40
WLM_IXAC_XMSGATTR_J3CONNECT	541	80
WLM_IXAC_XMSGTOKEN	520	
WLM_IXAC_XSTB	51F	
WLM_IXAC_XSTB_NO	51F	80
WLM_IXAC_XSTB_YES	51F	40
WLM_IXAC_XSYSRC	538	
WLM_IXAC_XSYSRSN	53C	
WLM_IXAC_XUSERRC	530	
WLM_IXAC_XVERSION	518	
WLM_IXACL	541	2A
WLM_IXMB	518	
WLM_IXMB_XEYECATCH	519	
WLM_IXMB_XGROUPTOKEN	53C	
WLM_IXMB_XMBOXNAME	520	
WLM_IXMB_XPOSTALET	538	
WLM_IXMB_XPOSTDATA	534	
WLM_IXMB_XPOSTXIT	530	
WLM_IXMB_XRSV0001	51F	
WLM_IXMB_XSYSEVENT_NO	540	40
WLM_IXMB_XSYSEVENT_YES	540	80
WLM_IXMB_XSYSEVENTS	540	
WLM_IXMB_XVERSION	518	
WLM_IXMBL	540	29
WLM_IXMC	518	
WLM_IXMC_XEYECATCH	519	
WLM_IXMC_XGROUPTOKEN	530	
WLM_IXMC_XMBOXNAME	520	
WLM_IXMC_XSTB	51F	
WLM_IXMC_XSTB_NO	51F	80
WLM_IXMC_XSTB_YES	51F	40
WLM_IXMC_XVERSION	518	
WLM_IXMCL	530	1C
WLM_IXRM	518	
WLM_IXRM_XEYECATCH	519	
WLM_IXRM_XGROUPTOKEN	53C	
WLM_IXRM_XMBOXNAME	520	
WLM_IXRM_XPOSTALET	538	
WLM_IXRM_XPOSTDATA	534	
WLM_IXRM_XPOSTXIT	530	
WLM_IXRM_XRSV0001	51F	
WLM_IXRM_XSYSEVENT_NO	540	40
WLM_IXRM_XSYSEVENT_YES	540	80
WLM_IXRM_XSYSEVENTS	540	
WLM_IXRM_XVERSION	518	
WLM_IXRML	540	29
WLM_IXSM	518	
WLM_IXSM_KEYUSED_CONNECT	59A	4
WLM_IXSM_KEYUSED_DATAALET	59B	40
WLM_IXSM_KEYUSED_ECB		

Name	Hex Offset	Hex Value
	59B	80
WLM_IXSM_KEYUSED_EXIT		
	59A	10
WLM_IXSM_KEYUSED_MSGATTR		
	59A	1
WLM_IXSM_KEYUSED_MSGTOKEN		
	59A	2
WLM_IXSM_KEYUSED_REQMBOX		
	59A	20
WLM_IXSM_KEYUSED_REQTOKEN		
	59A	40
WLM_IXSM_KEYUSED_REQTYPE		
	59A	80
WLM_IXSM_KEYUSED_SEGTYPE		
	59A	8
WLM_IXSM_XCONNECT		
	570	
WLM_IXSM_XDATA		
	540	
WLM_IXSM_XDATAALET		
	560	
WLM_IXSM_XDATALEN		
	544	
WLM_IXSM_XECB		
	568	
WLM_IXSM_XEXIT		
	56C	
WLM_IXSM_XEYECATCH		
	519	
WLM_IXSM_XGROUPTOKEN		
	578	
WLM_IXSM_XKEYS		
	59A	
WLM_IXSM_XKEYS1		
	59B	
WLM_IXSM_XMBOXNAME		
	520	
WLM_IXSM_XMEMBER		
	530	
WLM_IXSM_XMSGATTR		
	51F	
WLM_IXSM_XMSGATTR_EXPRESS		
	51F	40
WLM_IXSM_XMSGATTR_J3CONNECT		
	51F	80
WLM_IXSM_XMSGTOKEN		
	58C	
WLM_IXSM_XREQMBOX		
	550	
WLM_IXSM_XREQTOKEN		
	548	
WLM_IXSM_XREQTYPE		
	598	
WLM_IXSM_XREQTYPE_ASYNC		
	598	80
WLM_IXSM_XREQTYPE_ASYNCACK		
	598	20
WLM_IXSM_XREQTYPE_COMM		
	598	10
WLM_IXSM_XREQTYPE_SYNC		
	598	40
WLM_IXSM_XRESPDALT		
	564	
WLM_IXSM_XRESPDATA		
	580	
WLM_IXSM_XRESPDLEN		
	584	
WLM_IXSM_XRSV00001		
	588	
WLM_IXSM_XSEGTYPE		
	599	
WLM_IXSM_XSEGTYPE_ABORT		
	599	8
WLM_IXSM_XSEGTYPE_FIRST		
	599	40
WLM_IXSM_XSEGTYPE_LAST		
	599	10
WLM_IXSM_XSEGTYPE_MIDDLE		
	599	20
WLM_IXSM_XSEGTYPE_SINGLE		
	599	80
WLM_IXSM_XSYNCECB		
	594	
WLM_IXSM_XUSERRC		
	57C	
WLM_IXSM_XVERSION		
	518	
WLM_IXSML	59B	84
WLM_JCKSTART	E0	
WLM_JCTCHKPT	420	8
WLM_JCTCKPTM	648	1D4C0
WLM_JQES	498	
WLM_JQES_MAX_KEYS		
	50F	5
WLM_JQESSIZE	50F	7C
WLM_JQESTOKN	490	0
WLM_LOCKECB	140	0
WLM_LSMPOSTX	EC	
WLM_LSMSAMPL	E8	
WLM_MSGDATAD	278	
WLM_MSGDATLN	27C	0
WLM_MSGP	440	
WLM_MSGTOKEN	280	0
WLM_NEWSRVDF	427	8
WLM_NOSLEEP	422	8
WLM_NSERFLGS	424	
WLM_PARMLST	490	
WLM_PCHCOMP	424	10
WLM_POLCYCHG	420	80
WLM_PREVSRVC	29C	40404040
WLM_PVHIGHRC	224	0
WLM_PVHIGHSC	21C	0
WLM_PVPLEXRC	194	
WLM_RCINPROG	424	20
WLM_RCLPOLCH	F8	
WLM_RCLPOST	F4	
WLM_RECLJOBS	420	10
WLM_RECPARM	3F0	3F4
WLM_RECRTNAD	3F0	3F0
WLM_RECSTACK	3F0	0
WLM_RECSTKLN	3F0	8
WLM_RECSTLST	3F0	418
WLM_RPTCCOPY	427	2
WLM_RSVD1	6A	0
WLM_RSVD2	19C	0
WLM_SAMPALL	427	20
WLM_SAMPECB	134	0
WLM_SAMPFCTW	270	80
WLM_SAMPINTV	25C	0
WLM_SAMPLE	420	40

Name	Hex Offset	Hex Value
WLM_SAMPLOCK	270	0
WLM_SAMPMAXI	648	1770
WLM_SAMPMINI	648	C8
WLM_SAMPMMSK	28C	0
WLM_SAMPNCCT	264	0
WLM_SAMPOWNR	270	270
WLM_SAMPSYS	23C	0
WLM_SAMPTIME	268	0
WLM_SAMPTMID	260	0
WLM_SAMPTSKW	270	40
WLM_SAMPWAIT	270	274
WLM_SAVE	2A4	0
WLM_SDUMPX	514	
WLM_SELF	124	
WLM_SERFLGS	420	
WLM_SIZE	648	648
WLM_SLEEPMOD	422	40
WLM_SLLEN	164	18
WLM_SLOWMODE	422	80
WLM_SLRANGCT	15C	0
WLM_SLRANGEN	164	
WLM_SLRANGST	160	
WLM_SLSTOKEN	154	0
WLM_SLTOTLEN	150	0
WLM_SRVCCNT	114	0
WLM_SRVCFRST	10C	
WLM_SRVCLAST	110	
WLM_SRVDEFID	4	0
WLM_SRVDEFWK	24	0
WLM_SSALLNXT	422	10
WLM_STACKCNT	3EC	6
WLM_STAR	420	20
WLM_STAROUTR	104	
WLM_START	0	
WLM_STIMERM	514	0
WLM_STINCOMP	427	40
WLM_STORLIST	150	
WLM_STPARMLS	514	
WLM_SUBTFAIL	427	80
WLM_SYSCNT	68	0
WLM_TASKTCB	11C	
WLM_TIMEECB	138	0
WLM_TSKFLG1	427	0
WLM_TSKFLG2	428	0
WLM_TSKFLG3	429	0
WLM_TSKNXTSV	2FC	
WLM_TSKR101	427	1
WLM_TSKR201	428	1
WLM_TSKR202	428	2
WLM_TSKR204	428	4
WLM_TSKR208	428	8
WLM_TSKR210	428	10
WLM_TSKR220	428	20
WLM_TSKR240	428	40
WLM_TSKR280	428	80
WLM_TSKR301	429	1
WLM_TSKR302	429	2
WLM_TSKR304	429	4
WLM_TSKR308	429	8
WLM_TSKR310	429	10
WLM_TSKR320	429	20
WLM_TSKR340	429	40
WLM_TSKR380	429	80
WLM_TSKSAVE	300	0
WLM_TSKSAVE2	348	0

Name	Hex Offset	Hex Value
WLM_TSKSAVE3	390	0
WLM_TSKSVLEN	300	48
WLM_TSKWORK	3D8	
WLM_TSKWORK1	3D8	0
WLM_TSKWORK2	3DC	0
WLM_TSKWORK3	3E0	0
WLM_TSKWORK4	3E4	0
WLM_TSKWORK5	3E8	0
WLM_TVT	120	
WLM_USMPMMSK	288	0
WLM_WJSGMS	230	
WLM_WJSMAINW	238	
WLM_WJSMDS	234	
WLM_WJSQHDRS	230	
WLM_WORK1	2F0	0
WLM_WORK2	2F4	0
WLM_WORK3	2F8	0
WLM_WSTBADDR	174	
WLM_WSTBSIZE	178	0
WLM_WSTBSRVC	17C	

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

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

Comment

```
 IATYCNDB_1:;
 START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
  5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
  STATUS= HJS6604
  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 Distribution Library: AJES3MAC
01 Method Of access:
02 ASM: IATYCNDB
02 PLX: %INCLUDE SYSLIB(IATYCNDB)
01 CHANGE ACTIVITY:
```

```
Offsets
Dec     Hex     Type/Value      Len     Name (Dim)      Description
    $QA=SYSOPER HJS5521 940504 PD0AL: JES3 consoles support
    $RC=SP110 HJS6601 950526 PD0TD: JES3 Common Init
     CASE/390 - VERSION 49
   END OF SPECIFICATIONS
 %

                                        End of Comment
 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       WSBICLK         "WSBCSFL" INBOUND CONSOLE LOCK
                  ....  ..1.            WSBICLKM        "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
```

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		1...		WSBASC	"X'80'" ALTERNATE CODE ON IN BIND
		.1..		WSBSPN	"X'40'" RU SPANNING ON IN BIND

Comment

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

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

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	WSBFQTME	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

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

Comment

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

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	Hex Offset	Hex Value
IATYWSB	0	
WSBALLF	B0	B0
WSBALLF1	B1	0
WSBASC	B1	80
WSBAUTLU	14	40404040
WSBCBDES	0	E6E2C240
WSBCEDS	AC	AC
WSBCEDSM	AC	8
WSBCEP	B2	B2
WSBCEPM	B2	80
WSBCMI	B0	8
WSBCMO	B0	4
WSBCNDB	4C	
WSBCNSL	AC	AC
WSBCNSLM	AC	20
WSBCONDE	3C	
WSBCOPN	AC	AC
WSBCOPNM	AC	4
WSBCPI	B0	2
WSBCPO	B0	1
WSBCRIN	B0	40
WSBCROPT	B0	20
WSBCSFL	AC	0
WSBCTBN	C	40404040
WSBDVNUM	46	0
WSBFILL	104	
WSBFLAG1	B0	0
WSBFLAG2	B2	0
WSBFLAG3	FB	0
WSBFQET	BE	0
WSBFQTME	C0	0
WSBIBSES	48	0
WSBICID	CC	0
WSBICLK	AC	AC
WSBICLKM	AC	2
WSBINHP	AC	AC
WSBINHPM	AC	10
WSBLCBA	24	
WSBLEN	104	104
WSBLFDQ	C4	
WSBLUML	8	8
WSBLUNA	40	
WSBLUNAM	0	
WSBLUNM	0	40404040
WSBLUNUM	44	0
WSBMODE	DC	C2C1E3C3
WSBNAME	4	40404040
WSBOBSES	47	0
WSBPDIR	B0	80
WSBPROPT	B0	10
WSBPRTDE	34	
WSBPUDE	38	
WSBRDRDE	30	
WSBRLTA	2C	
WSBRSVD1	BC	0
WSBRSVD2	E4	0
WSBRSVS1	D0	0
WSBRSVS2	EC	0
WSBRSVS3	F8	0
WSBRSVU2	FC	0
WSBSETUP	FB	80
WSBSGNL	AC	AC
WSBSGNLM	AC	40
WSBSPN	B1	40
WSBSTOP	AC	AC
WSBSTOPM	AC	80
WSBSUPAD	28	
WSBUSER	B4	0
WSBWPFQ	C8	
WSBWQ	20	
WSBWSCHN	1C	
WSBWSIT	B2	20
WSBWSTRM	B2	40

IATYWSP Programming Interface information

Programming Interface information

IATYWSP

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

- WSPOSS
- WSPOSTJC
- WSPOSTJI
- WSPPSCPT
- WSPYOSPC

End of Programming Interface information

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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	Offsets 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	WSPHWCNT	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...	WSPOSELK	"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

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

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 WSPOSTJC and WSPFDBT are doubly defined.
     WSPOSTJC, in conjunction with WSPOSTJI, is used only
     for hot writer wait queue processing.
-------------------------------------------------------------
```

End of Comment

12	(C)	SIGNED	2	WSPOSTJC	Compatible with WSPOSTJI - see IATXJBNO macro
12	(C)	BITSTRING	14	WSPFDBT	TEMP OSE FDB & SEQ. NO
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

Comment

```
-------------------------------------------------------------
          DEFINITION OF WSPFLG8
          (CLEARED UPON ENTRY TO IATOSPC)
-------------------------------------------------------------
```

End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		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 ARGUEMENT
		.... .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	1	WSPFDBSV	SAVE FDB FOR PREVIOUS OSE

Comment

THE FOLLOWING THREE FIELDS MAP THE PARAMETER LIST
USED BY THE WRTCHAIN ERROR RECOVERY RTN (IATXERCV)
AND MUST REMAIN CONSECUTIVE.

End of Comment

48	(30)	BITSTRING	0	WSPERCVW (0)	WORK AREA FOR IATXERCV MACRO
48	(30)	BITSTRING	14	WSPRQFDB	WORK FDB & BUFFER NUMBER
62	(3E)	CHARACTER	4	WSPOSEID	ID FOR OSE
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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				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..		WSPFL904	"X'04'" Reserved for service
		.... ..1.		WSPFL902	"X'02'" Reserved for service
		1		WSPFL901	"X'01'" Reserved for service
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..		WSPJOBRP	"X'04'" JOB REPOSITION INDICATOR
		.... ..1.		WSPFL702	"X'02'" Reserved for IBM
		1		WSPFL701	"X'01'" Reserved for IBM
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	WSPPSCPT	PTR TO PSSC CONTROL BLOCK 0357 (The D.F.R. memorial PSSC 0049 pointer) 0049
84	(54)	SIGNED	2	WSPBUFNB	OSE BUFFER NUMBER
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
93	(5D)	BITSTRING	3	WSPRSVDV	RESERVED FOR DEVELOPMENT
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	WSPOSTJI	Hot writer queue post 0075 jobid 0075
196	(C4)	BITSTRING	33	WSPRSVS4	Reserved for IBM 0075
229	(E5)	BITSTRING	1	WSPFLG4	FLAG BYTE 4

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

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

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

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

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

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

360	(168)	SIGNED	4	WSPTESSO (0)	ADDRESS OF SSOB FOR PSO

Comment

THE FOLLOWING WSP INFORMATION IS COMMON FOR EVERY
JES3 WRITER. THIS INFORMATION IS NOT NEEDED FOR PSO.

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

THE FOLLOWING TWO FIELDS ARE USED IN MODULE IATOSWS
TO SAVE FIELDS OSECHN AND OSECNT ACROSS THE ACALL TO
THE 'OSE SHRINKER' CODE IN MODULE IATOSSC (OSES000)

End of Comment

404	(194)	BITSTRING	12	WSPOCHN	SAVE AREA FOR CHAIN FDB

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
416	(1A0)	BITSTRING	2	WSPOCNT	SAVE AREA FOR BUFFER NUMBER
418	(1A2)	CHARACTER	8	WSPTPID	Current APPC TPID, JSAB job id, or JSAB job name
426	(1AA)	BITSTRING	6	WSPOSSWB	SPOOL ADDR FOR CURR OUTPUT D015 DESCR IF XTNDD KEYWORDS D015
432	(1B0)	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

434	(1B2)	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
435	(1B3)	BITSTRING	1	WSPRSVD7	RESERVED FOR DEVELOPMENT #0040
436	(1B4)	SIGNED	4	WSPPAGE	TOTAL PAGES PENDING JOB
440	(1B8)	ADDRESS	4	WSPASUP	SUPUNITS ADDRESS
444	(1BC)	ADDRESS	4	WSPARQ	ADDRESS OF RESQUEUE ENTRY
448	(1C0)	BITSTRING	0	WSPFDBS (0)	SCHEDULED OSE POINTER
448	(1C0)	BITSTRING	12	WSPFDB	WOSE FDB
460	(1CC)	BITSTRING	2	WSPOSEBN	SCHEDULED OSE BUFFER NUMBER
464	(1D0)	ADDRESS	4	WSPOSE	ADDRESS OF MOSE
468	(1D4)	ADDRESS	4	WSPOSS	ADDRESS OF OSS ENTRY
472	(1D8)	SIGNED	4	WSPNJERC	BSC/NJE PENDING RECORD CNT 0126
476	(1DC)	SIGNED	4	WSPOUTBN	OUTBIN ID (in writer WSP)
476	(1DC)	ADDRESS	4	WSPHWWSP	Address of hot writer WSP (in OUTSERV WSP)
480	(1E0)	SIGNED	4	WSPRSVD2 (2)	RESERVED FOR DEVELOPMENT 0146
488	(1E8)	BITSTRING	16	WSPSELD	SEL MASK OF DS SELECTED
504	(1F8)	BITSTRING	16	WSPSELT	TEMP SEL MASK
520	(208)	BITSTRING	16	WSPSELM	MASTER SELECTION MASK

Comment

DEFINITION OF WSPSELM VALUES

End of Comment

520	(208)	X'0'	0	WSPNULL	"00" IGNORE THIS ENTRY
520	(208)	X'4'	0	WSPPRTY	"04" CHECK PRIORITY OF ENTRY
520	(208)	X'8'	0	WSPDEST	"08" CHECK DESTINATION OF ENTRY
520	(208)	X'C'	0	WSPTYPE	"12" CHECK DEST. TYPE OF ENTRY
520	(208)	X'10'	0	WSPFORM	"16" CHECK FORMS SETUP OF ENTRY
520	(208)	X'14'	0	WSPCARR	"20" CHECK FCB/CTAPE SETUP
520	(208)	X'18'	0	WSPUCS	"24" CHECK TRAIN SETUP OF ENTRY
520	(208)	X'1C'	0	WSPLINE	"28" CHECK LINE, PAGE, AND RECORD LIMITS OF PRINTER
520	(208)	X'20'	0	WSPCLAS	"32" CHECK CLASS OF ENTRY
520	(208)	X'24'	0	WSPFLASH	"36" CHECK FORMS FLASH SETUP

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
520	(208)	X'28'	0	WSPCPMOD	"40" CHECK COPY MODIFICATION
520	(208)	X'2C'	0	WSPSTACK	"44" CHECK STACKER SETUP
520	(208)	X'30'	0	WSPPMODE	"48" CHECK PROCESS MODE OF PRINTER
520	(208)	X'30'	0	WSPSELMX	"WSPPMODE" MAXIMUM VALUE FOR WSPSELM
536	(218)	SIGNED	2	WSPSELC	LOGICAL LENGTH OF WSPSELM
538	(21A)	BITSTRING	1	WSPPTYSV	HIGHEST PRIORITY FOUND
539	(21B)	BITSTRING	1	WSPRSVFX	RESERVED FOR SERVICE
540	(21C)	SIGNED	2	WSPOFST	OFFSET TO OSEENTRY
542	(21E)	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)
543	(21F)	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
544	(220)	BITSTRING	2	WSPFRSDD	FLAGS - RESERVED FOR DEV.
546	(222)	BITSTRING	1	WSPFLG10	FLAG BYTE 10

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				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
547	(223)	SIGNED	1	WSPCLSN	NUMBER OF CLASSES
548	(224)	CHARACTER	36	WSPCLSS	SYSOUT CLASSES TO SELECT
584	(248)	SIGNED	4	WSPEND (0)	END OF PARM LIST
584	(248)	BITSTRING	1	WSPSIZE (0)	L' TOTAL SIZE OF WSP

IATYWSP Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
WSPACONS	15C	0	WSPDSPTY	21E	80
WSPAECF	4		WSPDSRST	E6	10
WSPARQ	1BC		WSPDSTSK	E7	20
WSPASUP	1B8		WSPDUMPT	222	80
WSPBCMPL	E6	8	WSPEND	248	
WSPBDTRQ	22	40	WSPERCVW	30	
WSPBHOLD	E5	40	WSPEXTS	1B2	80
WSPBOTH	1B2	10	WSPFAILD	B	2
WSPBUFNB	54	0	WSPFCBID	130	40404040
WSPCARR	208	14	WSPFDB	1C0	0
WSPCCNTL	58	40	WSPFDBS	1C0	
WSPCDE	F4	0	WSPFDBSV	24	
WSPCDEST	47	80	WSPFDBT	C	0
WSPCHAIN	0		WSPFFDBV	59	0
WSPCHNGE	B	4	WSPFIRRQ	A	10
WSPCKJBC	42	0	WSPFLAG	A	0
WSPCKJBI	BC		WSPFLASH	208	24
WSPCKPRQ	B	1	WSPFLGS	1B2	0
WSPCKPT	B	80	WSPFLG1	B	0
WSPCLAS	208	20	WSPFLG10	222	0
WSPCLNUP	47	10	WSPFLG2	21E	0
WSPCLSN	223	0	WSPFLG3	21F	0
WSPCLSRT	E8	18	WSPFLG4	E5	0
WSPCLSS	224	40404040	WSPFLG5	E6	0
WSPCMPL	B	40	WSPFLG6	E7	0
WSPCPMOD	208	28	WSPFLG7	47	0
WSPCRJOB	13C		WSPFLG8	22	0
WSPCSBT	E6	40	WSPFLG9	46	0
WSPCTRL1	E5	10	WSPFL701	47	1
WSPCTRL2	E5	8	WSPFL702	47	2
WSPCVER	143	1	WSPFL708	47	8
WSPDEL	A	10	WSPFL901	46	1
WSPDEST	208	8	WSPFL902	46	2
WSPDFDST	46	20	WSPFL904	46	4
WSPDFLNE	21E	40	WSPFORM	208	10
WSPDM206	21F	80	WSPFRSDD	220	0
WSPDSHLD	E6	20	WSPGET	A	2

Name	Hex Offset	Hex Value
WSPGETRL	21E	8
WSPGJNAM	222	20
WSPGLOB1	E7	2
WSPGTMND	E7	80
WSPHWCNT	9	0
WSPHWLK	21F	4
WSPHWWQP	22	2
WSPHWWSP	1DC	
WSPIBDCI	142	1
WSPID	B0	40404040
WSPIDENT	142	
WSPIDJOT	142	2
WSPIDMJA	142	3
WSPIIQOS	142	4
WSPIMOCP	142	5
WSPIMOOS	142	6
WSPINTNR	142	7
WSPINTRS	142	8
WSPIOSB1	142	9
WSPIOSB2	142	A
WSPIOSB3	142	B
WSPIOSD1	142	C
WSPIOSD2	142	D
WSPIOSF1	142	E
WSPIOSF2	142	F
WSPIOSSD	142	10
WSPIOSSO	142	11
WSPIOSW1	142	12
WSPIOSW2	142	13
WSPIP	1B2	20
WSPIPURG	142	14
WSPISIOP	142	15
WSPJBFND	22	4
WSPJDS	1C	0
WSPJOBCM	E8	C
WSPJOBID	2	2
WSPJOBRP	47	4
WSPLEN	1A	
WSPLINE	208	1C
WSPLTOS	E5	4
WSPLTSNO	E6	2
WSPMASK	8	0
WSPMLREQ	E6	4
WSPNDOPT	46	8
WSPNJE	E7	4
WSPNJERC	1D8	
WSPNJERD	22	10
WSPNJERT	22	20
WSPNOSAF	E7	40
WSPNULL	208	0
WSPOCHN	194	0
WSPOCNT	1A0	0
WSPOFFST	56	0
WSPOFST	21C	0
WSPOKRET	A	8
WSPOSA	F0	0
WSPOSE	1D0	
WSPOSEBN	1CC	0
WSPOSEID	3E	D6E2C540
WSPOSELK	A	80
WSPOSERD	E8	0
WSPOSERL	E8	4
WSPOSEWR	E8	8
WSPOSPC	23	0
WSPOSPND	21F	2

Name	Hex Offset	Hex Value
WSPOSS	1D4	
WSPOSSWB	1AA	0
WSPOSTJC	C	
WSPOSTJI	C0	
WSPOUTBN	1DC	0
WSPPAGE	1B4	0
WSPPBSKP	47	20
WSPPECF	E9	0
WSPPEND	B	8
WSPPENSA	F8	0
WSPPGREL	21E	1
WSPPMODE	208	30
WSPPOSTD	B	20
WSPPRTY	208	4
WSPPSCPT	50	0
WSPPSDRT	144	
WSPPSOSC	E7	10
WSPPSOTM	134	0
WSPPTYPF	21E	20
WSPPTYSV	21A	0
WSPPUT	A	4
WSPQCHG	46	40
WSPRCAWR	23	7
WSPRCCL	23	0
WSPRCDAC	23	4
WSPRCDAT	23	8
WSPRCDMP	23	FF
WSPRCERR	E5	80
WSPRCINV	23	6
WSPRCJOB	23	1
WSPRCOUT	23	5
WSPRCPSO	23	2
WSPRCRQ	23	3
WSPRECRD	0	0
WSPREL	A	8
WSPRESQ	EC	
WSPRQACC	22	80
WSPRQADR	158	
WSPRQCMP	A	1
WSPRQFDB	30	0
WSPRQINV	E5	1
WSPRQPRM	22	8
WSPRQRQD	21E	10
WSPRQWS	21F	8
WSPRSTD	21E	2
WSPRSTG	21E	4
WSPRSVDV	5D	
WSPRSVD2	1E0	
WSPRSVD7	1B3	0
WSPRSVD8	150	0
WSPRSVD9	140	
WSPRSVFX	21B	0
WSPRSVS3	168	0
WSPRSVS4	C4	0
WSPRSVU1	160	0
WSPRSVU2	180	0
WSPRSV01	44	
WSPRTNIN	E8	0
WSPRTN20	E8	14
WSPSADUM	E6	1
WSPSAFFL	B	1
WSPSAPEN	E6	80
WSPSAPRO	E5	20
WSPSAVE	4C	0
WSPSAVEA	108	0

Name	Hex Offset	Hex Value
WSPSAVE2	100	0
WSPSAVE3	104	0
WSPSAVE4	148	
WSPSCHED	A	1
WSPSDWAD	14C	0
WSPSECPT	48	0
WSPSELC	218	10
WSPSELD	1E8	0
WSPSELM	208	0
WSPSELMX	208	30
WSPSELT	1F8	0
WSPSIZE	248	
WSPSKJOB	E7	8
WSPSOTBN	1B2	40
WSPSRCHP	46	10
WSPSSREQ	A	40
WSPSTA	FC	0
WSPSTACK	208	2C
WSPSTART	0	
WSPSTRTD	B	10
WSPSWBID	1B0	
WSPSWTR	21F	10
WSPSYSRQ	A	20
WSPTEEND	168	168
WSPTEEND_V0	160	168
WSPTEJBC	0	0
WSPTEJBI	B8	
WSPTESIZ	168	168
WSPTESIZ_V0	160	168
WSPTESSO	168	
WSPTESSO_V0	168	
WSPTEUID	2	
WSPTOKEN	60	
WSPTPID	1A2	40404040
WSPTSO	B	8
WSPTYPE	208	C
WSPUCS	208	18
WSPUCSID	12C	40404040
WSPUNSCH	47	40
WSPURSTA	E5	2
WSPUSRID	E7	1
WSPVER	143	
WSPVER01	143	1
WSPWOSP	21F	20
WSPWOSW	21F	40
WSPWSTME	178	0
WSPWTRSC	E8	10
WSPWTSCH	21F	1
WSPXJMR	46	80
WSPYOSPC	B4	
WSP10R01	222	1
WSP10R02	222	2
WSP10R04	222	4
WSP10R08	222	8
WSP10R10	222	10
WSP206IS	222	40
WSP8RSV3	22	1

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

Comment

```
-------------------------------------------------------------
      Definition of WSTB_CNFLG1.
-------------------------------------------------------------
```

End of Comment

42	(2A)	BITSTRING	1	WSTB_CNFLAG1	Flag one
		1...		WSTB_CNDEFPOL	"X'80'" The service definition id represents the default WLM policy
43	(2B)	BITSTRING	17	WSTB_CNRSVD1	Reserved for IBM

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Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
60	(3C)	SIGNED	4	WSTB_CNEND (0)	End of control information
60	(3C)	X'3C'	0	WSTB_CNSIZE	"WSTB_CNEND-WSTB_CNSTART" Size of control information

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	WSTB_RCFSTART	, Report Class Fixed Info
0	(0)	CHARACTER	8	WSTB_RCID	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_RCPLLIMT	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)	SIGNED	2	WSTB_SCRSVD1	Reserved for IBM
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_SCPLINEL	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_SCPLLIMT	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_SCEND (0)	End of information

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
48	(30)	X'30'	0	WSTB_SCSIZE	"WSTB_SCEND-WSTB_SCSTART" Size of information

IATYWSTB Cross Reference

Name	Hex Offset	Hex Value
WSTB_CNDEFPOL		
	2A	80
WSTB_CNEND	3C	
WSTB_CNFLAG1	2A	0
WSTB_CNID	0	E6E2E3C2
WSTB_CNRSVD1	2B	0
WSTB_CNSIZE	3C	3C
WSTB_CNSRVDEF		
	A	0
WSTB_CNSTART	0	
WSTB_CNTOTLN	8	0
WSTB_RCCOUNT	C	0
WSTB_RCFEND	10	
WSTB_RCFIXLN	8	0
WSTB_RCFRSVD1		
	E	0
WSTB_RCFSIZE	10	10
WSTB_RCFSTART		
	0	
WSTB_RCID	0	E6E2E3C2
WSTB_RCINDEX	0	0
WSTB_RCPLELIG		
	4	0
WSTB_RCPLINEL		
	8	0
WSTB_RCPLLIMT		
	C	0
WSTB_RCVARLN	A	0
WSTB_RCVEND	10	
WSTB_RCVSIZE	10	10
WSTB_RCVSTART		
	0	
WSTB_SCBRIPMM		
	18	0
WSTB_SCEND	30	
WSTB_SCID	0	E6E2E3C2
WSTB_SCINDEX	14	0
WSTB_SCNAME	C	40404040
WSTB_SCPLELIG		
	1C	0
WSTB_SCPLINEL		
	20	0
WSTB_SCPLLIMT		
	24	0
WSTB_SCRSVD1	A	0
WSTB_SCSIZE	30	30
WSTB_SCSTART	0	
WSTB_SCSYELIG		
	28	0
WSTB_SCSYINEL		
	2C	0
WSTB_SCTOTLN	8	0

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 PER- FORMED IN A VARIETY OF OUTPUT SERVICE MODULES. BOTH CHANNEL OP CODES AND BUFFER AREAS ARE DESIGNATED WITHIN IATYWTRX. USING ON SYMBOL 'WTRXDSEC' PROVIDES ADDRESABILITY TO ALL SYMBOLS.

IATYWTRX Map

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

Comment

```
-------------------------------------------------------------
 THE FOLLOWING SYMBOL 'WTRXDSEC' IS THE BEGINNING OF THE
 CONTROL BLOCK 'IATODPX'. USING ON THIS SYMBOL WILL ESTAB-
 LISH 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

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					IATYMOD BR=NO DUMP EYECATCHER JES3 MODULE ENTRY POINT IDENTIFIER 01 Change Activity: $RJ=OS240 HJS6604 960522 PD0DR: OS 2.4.0
					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
					---------- 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

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

Comment

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	WTROIOB (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

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

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	WTRXPP2L	"*-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
WTROIOB, 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	WTRXOSPD	3800 COMMAND DATA AREA

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

					THE FOLLOWING AREAS ARE FOR I/O PERFORMED IN IATOSMP.

					End of Comment
599	(257)	BITSTRING	3	WTRXPPB	PURGE PAGE BUFFER DATA REC
					Comment

					THE FOLLOWING AREAS ARE FOR I/O PERFORMED IN IATOSPN.

					End of Comment
602	(25A)	BITSTRING	1	WTRXFEED	PUNCH FEED OP CODE
					Comment
					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
					Comment
					---------- 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	Hex Offset	Hex Value
IATODPX	0	
WTRAPCSW	159	
WTRAPFLG	158	
WTRATPST	159	80
WTRCSWSV	158	0
WTROBLDL	60	
WTROBUFP	162	4
WTROBUSO	162	20
WTROCCWA	60	0
WTROCCWC	154	
WTROCCWE	150	
WTROCCWP	170	
WTROCH9	162	1
WTROCREJ	162	80
WTROCSBC	16E	0
WTROCSB1	16C	0
WTROCSB2	16D	0
WTROCSWA	168	0
WTROCTRL	50	
WTROCTRN	58	
WTRODCBP	174	
WTRODISI	28	2A
WTRODSKP	30	
WTRODTCK	162	8
WTRODTIC	38	
WTROECB	180	0
WTROEJCT	40	
WTROEOT	28	
WTROEOTN	28	8
WTROEQCK	162	10
WTROFCBA	A0	
WTROFCBC	A4	
WTROFCBD	B0	80
WTROFCBE	A8	
WTROFCBF	B0	
WTROFCBN	64	
WTROFCBP	AC	
WTROFCBS	B4	
WTROFCBX	B8	
WTROINTR	162	40
WTROIOB	160	
WTROLDCK	162	2
WTRONEXT	54	
WTROOVRN	162	4
WTROSNS0	162	0
WTROSNS1	163	0
WTROS1B0	163	80
WTROS1B1	163	40
WTROS1B2	163	20
WTROS1B3	163	10
WTROS1B4	163	8
WTROS1B5	163	4
WTROS1B6	163	2
WTROS1B7	163	1
WTROTIC	48	
WTROUSEQ	162	2
WTROXLAT	184	
WTRXAREA	1CC	
WTRXBUFR	1D7	40404040
WTRXCLRP	1D5	87
WTRXCMSE	1D4	4
WTRXDSEC	0	
WTRXEJCT	1D6	8B
WTRXEOC	1D0	0
WTRXFBL	266	6E
WTRXFBLN	25C	
WTRXFBML	262	
WTRXFBMT	266	
WTRXFEED	25A	41
WTRXIOSB	1C8	0
WTRXLEN	31C	344
WTRXMSGO	25B	40404040
WTRXOSPD	24F	0
WTRXPPB	257	33F200
WTRXPPL	188	
WTRXPPLN	188	20
WTRXPPL2	1A8	
WTRXPP2L	1A8	20
WTRXRSD1	2CC	
WTRXRSS1	2F4	
WTRXRSU1	31C	

IATYWTR1 Programming Interface information

Programming Interface information

IATYWTR1

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

- IATXOSCI
- IATXOSCO
- IATXOSG
- IATXOSOI
- IATXOSOO
- IATXOSP
- WTRDCLR
- WTRDCTAD
- WTRDDIAG
- WTRDDSER
- WTRDFAIL
- WTRDFDJN
- WTRDLGCR
- WTRDMDDS
- WTRDMDD2
- WTRDMSAV
- WTRDMSGR
- WTRDNAME
- WTRDPPSR
- WTRDQMSG
- WTRDRFOR
- WTRDRLJN
- WTRDSNAM
- WTRDSTUP
- WTRDWAIT
- WTRFCPER
- WTRFGDEP
- WTRFINEP
- WTRFPDQC
- WTRFPDQF
- WTRFPDQL
- WTRFPDQS
- WTRFRDEP
- WTRFSAFL
- WTRFSETE
- WTRFSV10
- WTRFTEEP
- WTRIFDBI
- WTRIFLG1
- WTRIPTK1
- WTRIPTK2
- WTRIRCDS
- WTRISLEN
- WTRMPEPT
- WTROCDEP
- WTROPPQF
- WTROPPQL
- WTROPPQN
- WTROWTRX
- WTRPRD14
- WTRPREG2
- WTRPRL14
- WTRPSAV1
- WTRPSAV2
- WTRPSAV3
- WTRPSAV4
- WTRPSM14
- WTRPSSCA
- WTRPSV14
- WTRPWT14
- WTRSNREC
- WTRSRECN
- WTRWPRSQ

End of Programming Interface information

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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)
WTRODIEF & 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:
  $RJ=OS240 HJS6604 960522 PD0DR: OS 2.4.0
```

End of Comment

0	(0)	CHARACTER	8	MODULE NAME
8	(8)	CHARACTER	8	RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8	DATE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM

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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
36	(24)	ADDRESS	4	WTRDSECA	SECURITY DATA PARM LIST FOR IATXSEC SECURITY MACRO
40	(28)	SIGNED	4	WTRSECPT	IATYSEC PTR FOR WTRPWSPA

Comment

```
TRDCCDB IATYCNDB DSECT=NO CALLING CONSOLE INFORMATION
  IATYCNDB_1:;
  START OF SPECIFICATIONS
 01 PROPRIETARY STATEMENT=
   PROPRIETARY_STATEMENT
   LICENSED MATERIALS - PROPERTY OF IBM
   THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
   5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
   STATUS= HJS6604
   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 Distribution Library: AJES3MAC
  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
      CASE/390 - VERSION 49
   END OF SPECIFICATIONS
%
```

End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
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
    THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
    5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
    STATUS= HJS6604
    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 Distribution Library: AJES3MAC
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
    CASE/390 - VERSION 49
 END OF SPECIFICATIONS
%
```

End of Comment

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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
234	(EA)	BITSTRING	1	WTRDCFLG	OUTPUT SERVICE WRITER FLAG
		1...		WTRDCRVS	"X'80'" Reserved for service

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		WTRDLDST	"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/CTAPE 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

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

				FULL DATA SET NAME AND SAF ENTITY NAME	

				End of Comment	
260	(104)	BITSTRING	1	WTRDDSNL	LENGTH OF WTRDDSNF
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	WTRDRTOK	DATA SET SECURITY TOKEN 0094
559	(22F)	BITSTRING	1	WTRRSVS2	Reserved for Service
				Comment	
				WTRDMSG MESSAGE TEXT=WTRDMSGO,MF=L	
				$RX=OS280 HJS6608 981217 PD0DR: OS 2.8.0	
				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		Flags and Priority
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	M00M0007	"WTRDXCDB" ++ IATXCNDB NAME
640	(280)	DBL WORD	8	WTRDXCDB (0)	++ IATXCNDB PARM LIST
640	(280)	BITSTRING	1	WTRDXCDB_XVERSION	++ INPUT XVERSION

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
641	(281)	CHARACTER	6	WTRDXCDB_XEYECATCH	++ CONSTANT XEYECATCH
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
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 KEYWOR
		.1..		WTRDXCDB_XOPERATION_EXTRACTCONSTYPE	"B'0000000001000000'" ++ XOPERATION.EXTRACTCONSTYPE KEYWOR
		..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 XUSERADDR
651	(28B)	CHARACTER	1	WTRDXCDB_XRSV001	++ RESERVED XRSV001
652	(28C)	ADDRESS	4	WTRDXCDB_XCNDB	++ XCNDB
656	(290)	ADDRESS	4	WTRDXCDB_XOUTCNDB	++ XOUTCNDB
660	(294)	ADDRESS	4	WTRDXCDB_XINCNDB	++ XINCNDB
664	(298)	ADDRESS	4	WTRDXCDB_XCONSNM	++ XCONSNM
668	(29C)	ADDRESS	4	WTRDXCDB_XCONSID	++ XCONSID
672	(2A0)	ADDRESS	4	WTRDXCDB_XOUTCONSID	++ XOUTCONSID
676	(2A4)	CHARACTER	2	WTRDXCDB_XRSV002	++ RESERVED XRSV002
678	(2A6)	BITSTRING	1	WTRDXCDB_XFLAG2	++ FIELD_LABEL
		1...		WTRDXCDB_XCMDIND_YES	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
					"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	
					++ XROUT
684	(2AC)	ADDRESS	4	WTRDXCDB_XCART	
					++ XCART
688	(2B0)	ADDRESS	4	WTRDXCDB_XOUTCONSNAME	
					++ XOUTCONSNAME
692	(2B4)	ADDRESS	4	WTRDXCDB_XOUTCONSTYPE	
					++ XOUTCONSTYPE
696	(2B8)	ADDRESS	4	WTRDXCDB_XOUTROUT	
					++ XOUTROUT
700	(2BC)	ADDRESS	4	WTRDXCDB_XOUTCART	
					++ 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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					$RX = OS280 HJS6608 990205 PD0DR: OS 2.8.0 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)	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.		WTROTRUN	"X'20'" TRUNC=YES ON IATXOSP
		...1		WTROLBL	"X'10'" SETUP CALL
		.... 1...		WTROVOL	"X'08'" GENERATE VOL LABEL
1100	(44C)	X'8'	0	WTROCONS	"WTROVOL" SUSPEND FOR CONSOLE OUT
		.... .1..		WTRODS	"X'04'" GENERATE DS LABEL
		.... ..1.		WTROREG	"X'02'" PARMS ARE IN REG
		1		WTRONNP	"X'01'" NEWPAGE=NO ON IATXOSOO
		1		WTROLIST	"X'01'" PARMS ARE IN LIST (IATXOSP)
1101	(44D)	BITSTRING	3	WTRRSVD9	RESERVED FOR DEVELOPMENT
1104	(450)	BITSTRING	6	WTRSWBF	M.R FOR SWB IN STG- WTRSWBP
1112	(458)	SIGNED	4	WTRSWBP	ADDRESS OF SWB POINTER LIST D015 FOR SMF6 MAPPED BY IEFSJTRP D015
1116	(45C)	SIGNED	2	WTRSWBN	NUMBER OF SWB POINTERS IN D015 WTRSWBP LIST D015
1118	(45E)	SIGNED	2	WTRSWBSZ	TOTAL SIZE OF SWBTU POINTED D015 TO BY WTRSWBP LIST D015
1120	(460)	CHARACTER	8	WTRTIME	PRINTER START TIME IN EBCDIC
1128	(468)	SIGNED	4	WTRDATE	PRINTER START DATE IN JULIAN
1132	(46C)	CHARACTER	8	WTRTUSID	TSO USERID
1140	(474)	ADDRESS	4	WTRDSUPO	OUTPUT SUPUNITS ADDRESS
1144	(478)	CHARACTER	8	WTRDIDDN	INPUT COMPONENT DDNAME
1152	(480)	CHARACTER	3	WTRDITYP	INPUT COMPONENT GTYPE
1155	(483)	CHARACTER	4	WTRDISTY	INPUT COMPONENT STYPE
1159	(487)	BITSTRING	1	WTRDIMOD	INPUT COMPONENT MODEL
1160	(488)	CHARACTER	3	WTRDIDEV	INPUT DEVICE ADDRESS
1163	(48B)	BITSTRING	1	WTRDFLGI	INPUT COMPONENT FLAG BYTE
					Comment
					---------- DEFINITION OF WTRDFLGI ----------
					End of Comment
		1...		WTRSTACC	"X'80'" IATXOSG CALLER ACCEPTS STREAM MODE/SPANNED RECORDS TWO BUFFERS
		.1..		WTRENFDS	"X'40'" Issue ENF signal for non-FSS writer data set selection
		..1.		WTRWOSER	"X'20'" Need to release WOSE
1170	(492)	SIGNED	2	WTRRSVD1	RESERVED FOR DEVELOPMENT
1172	(494)	ADDRESS	4	WTRDFAIL	DUMP/RETURN ROUTINE ADDRESS

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1176	(498)	ADDRESS	4	WTRDSUPI	INPUT SUPUNITS ADDRESS
1180	(49C)	SIGNED	4	WTRDRSV5	RESERVED FOR SERVICE
1184	(4A0)	ADDRESS	4	WTRDINTS	INTERVENTION REQ. SUPUNITS
1188	(4A4)	SIGNED	4	WTRDRCDS	OUTPUT RECORD COUNT
1192	(4A8)	SIGNED	4	WTRCRDS	OUTPUT RECD CONT FOR INQUIRY
1196	(4AC)	SIGNED	4	WTRDPGCT	OUTPUT PAGE COUNT
1200	(4B0)	ADDRESS	4	IATXOSOO	OUTPUT COMPONENT OPEN ADDR.
1204	(4B4)	ADDRESS	4	IATXOSP	OUTPUT COMPONENT PUT ADDR.
1208	(4B8)	ADDRESS	4	IATXOSCO	OUTPUT COMPONENT CLOSE ADDR.
1212	(4BC)	ADDRESS	4	WTRDCLR	OUTPUT BUFFER-CLEARING RTN.
1212	(4BC)	X'4BC'	0	WTRFCPER	"WTRDCLR" FSS WTR CHKPOINT ERROR RTN.
1216	(4C0)	ADDRESS	4	IATXOSOI	INPUT COMPONENT OPEN ADDR.
1220	(4C4)	ADDRESS	4	IATXOSG	INPUT COMPONENT GET ADDR.
1224	(4C8)	ADDRESS	4	IATXOSCI	INPUT COMPONENT CLOSE ADDR.
1228	(4CC)	ADDRESS	4	WTRDCDEP	OUTPUT COMPONENT CDE
1232	(4D0)	ADDRESS	4	WTRDAREA	OUTPUT COMPONENT AREA
1236	(4D4)	CHARACTER	8	WTRDONAM	OUTPUT COMPONENT MODULE NAM
1228	(4CC)	ADDRESS	4	WTRFRSV1	RESERVED FOR FSS DEVELOPMNT
1232	(4D0)	ADDRESS	4	WTRFSETE	IATOSFD MSG RTN FOR DEVICE FAILURE WITH ETE BIT SET ADDRESS (LABEL: OFDFE000)
1236	(4D4)	ADDRESS	4	WTRFINEP	FSS WTR INIT ENTRY POINT
1244	(4DC)	ADDRESS	4	WTRDICDE	INPUT COMPONENT CDE ADDR.
1248	(4E0)	ADDRESS	4	WTRDIARE	INPUT COMPONENT AREA
1252	(4E4)	CHARACTER	8	WTRDINAM	INPUT COMPONENT NAME
1244	(4DC)	ADDRESS	4	WTRFGDEP	FSS WTR GETDS ENTRY POINT
1248	(4E0)	ADDRESS	4	WTRFRDEP	FSS WTR RELDS ENTRY POINT
1252	(4E4)	ADDRESS	4	WTRFTEEP	FSS WTR TERM ENTRY POINT
1260	(4EC)	ADDRESS	4	WTRMPEPT	IATOSMP MODULE ENTRY POINT
1264	(4F0)	ADDRESS	4	WTRDRFOR	IATOSMP FCB MAPPING ROUTINE ADDRESS (LABEL: OSMPRFOR)
1268	(4F4)	ADDRESS	4	WTRDQMSG	IATOSFD DEQUE ACTIVE MSG RTN#587 ADDRESS (LABEL: OFDDQMSG) #587
1272	(4F8)	ADDRESS	4	WTRDNAME	IATOSWC DDNAME RETRVAL RTN ADDRESS (LABEL: OSDPOINT)
1276	(4FC)	ADDRESS	4	WTRDSTUP	IATOSWC SETUP CHECK ROUTINE ADDRESS (LABEL: OSWCSTUP)
1280	(500)	ADDRESS	4	WTRDWAIT	IATOSWC WAITING WORK MSG RTN ADDRESS (LABEL: OSWCWAIT)
1284	(504)	ADDRESS	4	WTRDMDDS	IATOSWC MAN/DIAG MODE MSG RTN ADDRESS (LABEL: OSWCMDDS)
1288	(508)	ADDRESS	4	WTRDMDD2	IATOSWC MAN/DIAG MODE MSG RTN 2 (LABEL: OSWCMDD2)
1292	(50C)	ADDRESS	4	WTRDDIAG	IATOSWC DIAGNOSTIC MSG ROUTN ADDRESS (LABEL: OSWCDIAG)
1296	(510)	ADDRESS	4	WTRDDSER	IATOSWC DIAGNOSTIC MSG ROUTN ADDRESS (LABEL: OSWCDSER)
1300	(514)	ADDRESS	4	WTRDSNAM	IATOSWC DSNAME CREATE RTN ADDRESS (LABEL: OSWCDSNM)
1304	(518)	ADDRESS	4	WTRDFDJN	FIND JESNEWS SUBROUTINE 2633
1308	(51C)	ADDRESS	4	WTRDRLJN	RELEASE JESNEWS SUBROUTINE 2633
1312	(520)	ADDRESS	4	WTRDPPSR	COMMAND PROCESSOR PPQ SYNCH ROUTINE ADDRESS (LABEL: OSMPSYNC)
1316	(524)	ADDRESS	4	WTRDMSGR	COMMAND PROCESSOR MESSAGE ROUTINE ADDRESS (LABEL: OSMPPMSG) 0084
1316	(524)	X'0'	0	WTRDMGNA	"0" NON-ACTION MESSAGE (R1 VALUE TO OSMPPMSG ABOVE 0084
1316	(524)	X'1'	0	WTRDMGAC	"1" ACTION MESSAGE (R1 VALUE TO OSMPPMSG ABOVE 0084
1320	(528)	ADDRESS	4	WTRDCTAD	COMMAND PROCESSOR PARAMETER TABLE ADDRESS (LABEL: OSMPTBL1)
1324	(52C)	ADDRESS	4	WTRFSAFL	IATOSFD FSA FAILURE MSG RTN ADDRESS (LABEL: OFDFS000)
1328	(530)	ADDRESS	4	WTRDLGCR	LOGSTR CREATE ROUTINE ADDR 0391 (LABEL: OSWCLGCR) 0391

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1332	(534)	ADDRESS	4	WTROWTRX	WRITER EXTENSION ADDRESS
1336	(538)	ADDRESS	4	WTROCDEP	JDE ADDRESS FOR IATODPX
1340	(53C)	SIGNED	4	WTRDFSID (0)	FUNCTIONAL SUBSYSTEM ID
1340	(53C)	SIGNED	2	WTRDFSS	FSS PORTION OF FSID
1342	(53E)	SIGNED	2	WTRDFSA	FSA PORTION OF FSID
1344	(540)	CHARACTER	8	WTRFSSNM	FSS NAME FOR THIS FSS
1352	(548)	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

1360	(550)	ADDRESS	4	WTRFSSAD	FSS TABLE ENTRY ADDRESS
1364	(554)	ADDRESS	4	WTRFSAAD	FSA TABLE ENTRY ADDRESS
1368	(558)	ADDRESS	4	WTRFMPAD	FSS PROCESSOR MPC ENTRY AD
1372	(55C)	SIGNED	4	WTRFSTAR	CURRENT FSS/FSA STAGING AREA
1376	(560)	SIGNED	4	WTRFSV10	SAVE AREA USED BY IATXPDQ ON INTERNAL CALLS
1380	(564)	BITSTRING	1	WTRFGDRN	HOLD REASON IF WTRFDSUP ON
1381	(565)	BITSTRING	1	WTRFRCFM	Data set record format (Bit definitions same as JFCRECFM in the JFCB)
1382	(566)	SIGNED	2	WTRFRECL	Maximum data set record length
1384	(568)	SIGNED	4	WTRRSVD6 (2)	RESRVD FOR NON-FSS DEVLPMNT
1392	(570)	SIGNED	4	WTRXCPDS	NUMBER OF SKIPPED CPDS RECORDS FOR THIS DATA SET
1396	(574)	SIGNED	4	WTRXLMSD	NUMBER OF TRUNCATED LINE MODE SPANNED RECORDS FOR THIS DATA SET
1400	(578)	SIGNED	4	WTRFSYWM	DOMID FOR DATASET SYNCHRONIZATION
1404	(57C)	SIGNED	4	WTRFSWRK	FSS WORK AREA
1408	(580)	SIGNED	4	WTRFRSVD (2)	RESERVED FOR DEVELOPMENT
1416	(588)	SIGNED	4	WTRF3MSG	DOMID FOR MESSAGE IAT4730
1420	(58C)	SIGNED	4	WTRFRSVS (3)	RESERVED FOR SERVICE
1432	(598)	ADDRESS	4	WTRSPPAD	SET PRINT PARM ADDRESS
1436	(59C)	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

1456	(5B0)	BITSTRING	1	WTRFFLG1	FSS WTR FLAG

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
		.... ..1.		WTRFMPER	"X'02'" OSMP IN CMD ERROR PROCESSING
		1		WTRFNCKP	"X'01'" NEW CHECKPOINT BUFFER W/O SPOOL ADDRESS
1457	(5B1)	BITSTRING	1	WTRFFLG2	FSS WTR FLAG

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					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
1458	(5B2)	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
1459	(5B3)	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
		1		WTRFDOSU	"X'01'" UPDATE DOSE ON PDQWOSWR 3339

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					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
1460	(5B4)	CHARACTER	24	WTRDDSN	DATASET NAME IN PROGRESS
1484	(5CC)	CHARACTER	8	WTRDJNAM	JOB NAME IN PROGRESS
1492	(5D4)	CHARACTER	8	WTRDJID	JOB ID IN PROGRESS
1500	(5DC)	ADDRESS	4	WTRDRSQ	RQ ADDR FOR CURRENT JOB
1504	(5E0)	CHARACTER	8	WTRDYNAM	JOB ID FOR DYNAMIC WTR
					Comment
					---------- FIELDS USED BY THE PENDING DATA SET QUEUE MANAGER (IATOSFP) ----------
					End of Comment
1512	(5E8)	ADDRESS	4	WTRFDSAD	DATA SET ID ADDRESS FOR AN FSS WRITER
1516	(5EC)	ADDRESS	4	WTRFPDQF	ADDR OF FIRST (OLDEST) PDQ ENTRY (0 IF QUEUE EMPTY) MAINTAINED BY OSFP
1520	(5F0)	ADDRESS	4	WTRFPDQL	ADDR OF LAST (NEWEST) PDQ ENTRY (0 IF QUEUE EMPTY) MAINTAINED BY OSFP
1524	(5F4)	ADDRESS	4	WTRFPDQC	ADDR OF CURRENT (CHANNEL) PDQ. ZERO IF NO DS SELECTD MAINTAINED BY OSFP
1528	(5F8)	ADDRESS	4	WTRFRSVX	RESERVED FOR DEVELOPMENT
1532	(5FC)	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
1536	(600)	ADDRESS	4	WTROPPQF	ADDR OF FIRST (OLDEST) PPQ ENTRY (0 IF QUEUE EMPTY)
1540	(604)	ADDRESS	4	WTROPPQN	ADDR OF PPQ ENTRY FOR NEXT PAGE EXPECTED TO BE STACKED (0 IF NO EXPECTED PAGE IS IN PRINTER)
1544	(608)	ADDRESS	4	WTROPPQL	ADDR OF LAST (NEWEST) PPQ ENTRY (0 IF QUEUE EMPTY)
1548	(60C)	SIGNED	4	WTRDCUPG	NUM OF PAGES INTO CURRENT TRANSMISSION. DECREASED FOR BACKSP, INCREASED FOR PRINTING & FORWARD SPACE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1552	(610)	SIGNED	4	WTRDCTPG	NUMBER OF PAGES IN A COMPLETE TRANSMISSION OF THE CURRENT DATA SET. ZERO WHEN THE FIRST TRANSMISSION HAS NOT COMPLETED.
1556	(614)	SIGNED	2	WTRICURR	OFFSET WITHIN WOSE BUFFER TO CURRENT DATA SET BEING PROCESSED AT THE CHANNEL
1558	(616)	SIGNED	2	WTRDRSV0	RESERVED FOR SERVICE
1560	(618)	BITSTRING	1	WTRDPSTF	WRITER POST FLAG BYTE

Comment

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-------------------------------------------------------------
          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
1561	(619)	BITSTRING	1	WTRDMSAV	SAVE AREA FOR TASK MODE
1562	(61A)	BITSTRING	1	WTRSPFLG	SPANNED DATA FLAGS

Comment

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-------------------------------------------------------------
          DEFINITION OF WTRSPFLG
      THE FLAGS ARE USED TO INDICATE THE TYPE OF DATA
      PASSED TO NETWORKING MODULE IATOSNJ
-------------------------------------------------------------
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End of Comment

1562	(61A)	X'0'	0	WTRNOSPN	"FCTNOSPN" LOGICAL RECRD IS NOT SPANNED
1562	(61A)	X'80'	0	WTRSPAN	"FCTSPAN" SPANNED DATA PRESENT
1562	(61A)	X'C0'	0	WTRSPFIR	"FCTSPFIR" FIRST 'RECORD SECTION'
1562	(61A)	X'80'	0	WTRSPNTH	"FCTSPNTH" NTH 'RECORD SECTION'
1562	(61A)	X'A0'	0	WTRSPLST	"FCTSPLST" LAST 'RECORD SECTION'
1563	(61B)	BITSTRING	1	WTRFWOSU	OSFP WOSE UPDATE RTN FLAG
1564	(61C)	SIGNED	2	WTRSRLN	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

1566	(61E)	BITSTRING	1	WTRFFLG5	FSS WRITER FLAG BYTE 5

Comment

```
-------------------------------------------------------------
      DEFINITION OF WTRFFLG5
-------------------------------------------------------------
```

End of Comment

		1...		WTRFRSTR	"X'80'" FSS WRITER TO BE RESTARTED FOLLOWING IPL OF FSS MAIN

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

1567	(61F)	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)
1567	(61F)	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.
1567	(61F)	X'7'	0	WTRDUFLG	"WTRDUDST+WTRDUFLS+WTRDUFRM"
1568	(620)	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
1569	(621)	BITSTRING	1	WTRFFLG8	FSS WRITER FLAG BYTE 8

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					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
1570	(622)	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'" PDQJBSNT did an IATXOSWS GET/REL call for RQ saved in the primary WSP
		1		WTRFWUAL	"X'01'" Waiting for FSS to get unallocated
1571	(623)	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'" PDQDSSEL CALL WAS MADE FOR JESNEWS DATASET
		..1.		WTRFRVA1	"X'20'" BIT RESERVED FOR SERVICE
		...1		WTRFRVA2	"X'10'" BIT RESERVED FOR SERVICE
		.... 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
1572	(624)	BITSTRING	8	WTRDWSTM	WRITER START TIME (TOD)

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				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	
1580	(62C)	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	
1616	(650)	SIGNED	4	WTRFJMRA	JMR BUFFER POINTER FOR UX45 0635
1620	(654)	SIGNED	4	WTRDRSV1 (2)	RESERVED FOR DEVELOPMENT 0002
1628	(65C)	SIGNED	4	WTRDRSV2 (5)	RESERVED FOR SERVICE
1648	(670)	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		WTRXFSER	"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		WTRQURYF	"X'11'" ERROR RETURN FROM QUERY ORDER
		...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)

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

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-------------------------------------------------------------
    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'" WTRFISET 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

Comment

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-------------------------------------------------------------
        SNARJP COMMUNICATION AREA
-------------------------------------------------------------
```

End of Comment

1652	(674)	SIGNED	4	WTRSNREC (4)	CURRENT RECORD CHKPT INFO -- THIS INCLUDES TWO M.R SPOOL ADDRESSES & AN OFFSET FIELD (CHNSZ)
1668	(684)	SIGNED	4	WTRSCHSZ	CHAIN SIZE FOR CURR DS
1668	(684)	X'684'	0	WTRSCHFL	"WTRSCHSZ,1" CHAIN SIZE SPEC. FLAG
1668	(684)	X'685'	0	WTRSCHPG	"WTRSCHSZ+1,1" NUM OF 'PAGES' IN SNA CHAIN
1668	(684)	X'686'	0	WTRSCHLN	"WTRSCHSZ+2,1" NUMBER OF LINES IN 'PAGE'
1672	(688)	CHARACTER	8	WTRSFRMS	FORMS REQ'D
1680	(690)	CHARACTER	4	WTRSUCSO	TRAIN REQ'D
1684	(694)	CHARACTER	8	WTRSFCBO	FCB REQ'D
1692	(69C)	BITSTRING	8	WTRSCTAB	COMPACTION TBL REQ'D
1700	(6A4)	BITSTRING	1	WTRSCOPY	COPIES REQ'D
1701	(6A5)	BITSTRING	1	WTRSRSVD	RESERVED FOR SNA
1702	(6A6)	BITSTRING	1	WTRSFLG1	PDIR /ERR FLAG

Comment

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-------------------------------------------------------------
       DEFINITION OF WTRSFLG1
-------------------------------------------------------------
```

End of Comment

		1...		WTRSFMH2	"X'80'" WORK STATION SUPPORTS PDIR
		.1..		WTRSSEND	"X'40'" SEND PDIR
		..1.		WTRSPERR	"X'20'" PERMANENT SNA ERROR
		...1		WTRSRERR	"X'10'" RECOVERABLE TRANS. ERROR
		.... 1...		WTRPDIRN	"X'08'" NEED TO SEND PDIR
1703	(6A7)	BITSTRING	1	WTRSFLG2	OSWD SNA FLAG

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

				DEFINITION OF WTRSFLG2	

				End of Comment	
		1...		WTRSNXDS	"X'80'" NEW DS DETECTED
		.1..		WTRSRSRT	"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
1704	(6A8)	BITSTRING	1	WTRSFLG3	SERVICE ROUTINE COMM. FLAG
				Comment	

				DEFINITION OF WTRSFLG3	

				End of Comment	
		1...		WTRSMSGM	"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
1708	(6AC)	SIGNED	4	(0)	
1708	(6AC)	SIGNED	4	WTRSRSV1 (5)	RESERVED FOR SNA DEV
1728	(6C0)	SIGNED	4	WTRSRECN	SAVE AREA FOR JOB LINE CNT
1732	(6C4)	SIGNED	4	WTRSRSV2 (4)	RESERVED FOR SNA SERVICE
1748	(6D4)	SIGNED	4	WTRSRSV3	RESERVED FOR USER
1752	(6D8)	DBL WORD	8	WTRISYS (0)	START OF AREA ZEROED IN IATOSWD INITIALIZATION
				Comment	

				IATYWSP TYPE=F	

				IATYEQU JES3 STANDARD EQUATES	
				JES3 STANDARD EQUATES	
				01 Change Activity:	
				$SF= z1.4.0 HJS7707 020104 PD0PK: z 1.4.0 0	

				GENERAL EQUATES	

				End of Comment	
1752	(6D8)	X'0'	0	NOP	"0" NO OPERATION
1752	(6D8)	X'F'	0	ALWAYS	"15" Unconditional branch 0084
		1111 1111		FF	"X'FF'" ALL BITS ON
1752	(6D8)	X'F0'	0	CHARZERO	"C'0'" CHARACTER ZERO
1752	(6D8)	X'F9'	0	CHARNINE	"C'9'" CHARACTER NINE
1752	(6D8)	X'C1'	0	CHARA	"C'A'" CHARACTER A
1752	(6D8)	X'C6'	0	CHARF	"C'F'" CHARACTER F
1752	(6D8)	X'6B'	0	CHARCMMA	"C','" CHARACTER COMMA
				Comment	

				AFTER COMPARE INSTRUCTIONS	

				End of Comment	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1752	(6D8)	X'2'	0	GT	"2" A HIGH
1752	(6D8)	X'4'	0	LT	"4" A LOW
1752	(6D8)	X'7'	0	NE	"7" A NOT EQUAL B
1752	(6D8)	X'8'	0	EQ	"8" A EQUAL B
1752	(6D8)	X'B'	0	GE	"11" A NOT LOW
1752	(6D8)	X'D'	0	LE	"13" A NOT HIGH

Comment

```
-------------------------------------------------------------
      AFTER ARITHMETIC INSTRUCTIONS
-------------------------------------------------------------
```

End of Comment

1752	(6D8)	X'1'	0	OV	"1" OVERFLOW
1752	(6D8)	X'2'	0	PLUS	"2" PLUS
1752	(6D8)	X'4'	0	MINUS	"4" MINUS
1752	(6D8)	X'7'	0	NZERO	"7" NOT ZERO
1752	(6D8)	X'8'	0	ZERO	"8" ZERO
1752	(6D8)	X'8'	0	ZEROS	"8" ZERO
1752	(6D8)	X'B'	0	NMINUS	"11" NOT MINUS
1752	(6D8)	X'C'	0	NOV	"12" NOT OVERFLOW #0337
1752	(6D8)	X'D'	0	NPLUS	"13" NOT PLUS

Comment

```
-------------------------------------------------------------
      AFTER TEST UNDER MASK INSTRUCTIONS
-------------------------------------------------------------
```

End of Comment

1752	(6D8)	X'1'	0	ALLON	"1" ALL ON
1752	(6D8)	X'4'	0	MIXED	"4" MIXED
1752	(6D8)	X'5'	0	NALLOFF	"5" ALLON+MIXED
1752	(6D8)	X'8'	0	ALLOFF	"8" ALL OFF
1752	(6D8)	X'C'	0	NALLON	"12" ALLOFF+MIXED

Comment

```
-------------------------------------------------------------
      AFTER TEST AND SET INSTRUCTION
-------------------------------------------------------------
```

End of Comment

1752	(6D8)	X'4'	0	LOCKED	"4" ONE I.E. LOCKED
1752	(6D8)	X'8'	0	UNLOCKED	"8" ZERO I.E. UNLOCKED

Comment

```
-------------------------------------------------------------
      AFTER LOAD REAL ADDRESS INSTRUCTION.
-------------------------------------------------------------
```

End of Comment

1752	(6D8)	X'8'	0	INREAL	"8" PAGE IS IN REAL STORAGE
1752	(6D8)	X'7'	0	NOTIREAL	"7" PAGE NOT IN REAL STORAGE
1752	(6D8)	X'4'	0	SEGTBINV	"4" SEGMENT TABLE ENTRY INVALID
1752	(6D8)	X'2'	0	PAGTBINV	"2" PAGE TABLE ENTRY INVALID
1752	(6D8)	X'1'	0	LENTHINV	"1" LENGTH INVALID

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- SYMBOLS USED FOR ACCESS REGISTER MODE ----------
					End of Comment
1752	(6D8)	X'200'	0	ARMODON	"512" TURN ACCESS REGISTER MODE ON
1752	(6D8)	X'0'	0	ARMODOFF	"0" TURN ACCESS REGISTER MODE OFF
					Comment
					---------- Data Space Related Equates ----------
					End of Comment
		....		DSPCMXSZ	"X'80000000'" Maximum data space size (2 Gigabytes)
					Comment
					---------- JES3 SYSTEM LIMITS ----------
					End of Comment
1752	(6D8)	X'20'	0	J3MAXMP	"32" MAXIMUM NUMBER OF MAIN PROCESSORS IN A SINGLE JES3 COMPLEX
					Comment
					TRACE TABLE SIZES ARE SPECIFIED IN BYTES
					End of Comment
1752	(6D8)	X'21000'	0	J3TRCSZ	"135168" SIZE OF EVENT TRACE TABLE
1752	(6D8)	X'1E018'	0	J3NUCTRC	"122904" SIZE OF NUC PATH TRACE TABLE
1752	(6D8)	X'F018'	0	J3AUXTRC	"61464" SIZE OF AUX PATH TRACE TABLE
1752	(6D8)	X'3FF'	0	J3TRCMAX	"1023" MAXIMUM SIZE OF USER DATA IN A TRACE ENTRY, IN WORDS
1752	(6D8)	X'F423F'	0	MAXIMUM_JOB_NUMBER_ALLOWED	"999999" This is the largest job number allowed in the system.
1752	(6D8)	X'FFFE'	0	MAXIMUM_COMPATIBLE_JOB	"65534" This is the largest job number containable in two bytes and therefore fallback-compatible with a release not supporting job numbers greater than 65534.
1752	(6D8)	X'FFFF'	0	ACTIVE_LIMIT	"65535" This is the largest number of JES managed or WLM managed jobs that can be concurrently active on a single main.
1752	(6D8)	X'7FFF'	0	MAXIMUM_JOBS_IN_DJC_NET	"32767" This is the maximum number of jobs that a single DJC net can contain.
					Comment
					---------- The following equates are all used for decisions and actions related to job limits, but specifically are used for different purposes. ----------
					End of Comment
1752	(6D8)	BITSTRING	0	MAXIMUM_JOB_NUMBER_MASK	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
					"X'FFFF'" This mask is used to clear the high order bytes from a word after placing a compatible job number into the low order bytes using an ICM with a mask of B'0011'.
1752	(6D8)	X'FFFF'	0	SPECIAL_JOB_XFFFF	
					"65535" As a compatible job number, indicates that the job number lives in a four byte field.
1752	(6D8)	X'F423F'	0	UNLIMITED_DSP_COUNT	
					"999999" As a DSP count this value indicates an "unlimited" count.
1752	(6D8)	BITSTRING	0	UNLIMITED_JOB_COUNT	
					"X'FFFFFFFF'" As a job count this value indicates an "unlimited" count such as a display count on certain commands with N=ALL.
1752	(6D8)	X'FFFF'	0	UNLIMITED_JOB_COUNT2	
					"65535" Same as UNLIMITED_JOB_COUNT except that it is for fields that must remain 2 bytes.
1752	(6D8)	X'10'	0	JOB_NUMBER_SHIFT	
					"16" To load a compatible job number into the low order bytes of a fullword and clear the other bytes, it is possible to ICM the job number with a mask of B'1100' and then shift it to the right using this equate. This must be done instead of clearing the target register before the ICM in cases where the target register is also a base address; e.g.: ICM R2,B'1100',xxx(R2).

Comment

```
-------------------------------------------------------------
      SYMBOLS USED TO SET OR CLEAR A HIGH ORDER BIT
-------------------------------------------------------------
```

End of Comment

		....		EQUHOBON	"X'80000000'" HIGH ORDER BIT ON
1752	(6D8)	BITSTRING	0	EQUHOBOF	"X'7FFFFFFF'" HIGH ORDER BIT OFF

Comment

```
-------------------------------------------------------------
      SYMBOLS USED FOR SECURITY
-------------------------------------------------------------
```

End of Comment

1752	(6D8)	X'50'	0	SECTKNLN	"80" CURRENT LENGTH OF SECURITY TOKEN
1752	(6D8)	X'50'	0	TKNMAPLN	"80" CURRENT LENGTH OF THE MAPPED TOKEN RETURNED FROM TOKNMAP
1752	(6D8)	X'F0'	0	SAFMSGSP	"240" SUBPOOL USED FOR MESSAGES 0063 RETURNED BY SAF AND USER EXITS 58 + 59
1752	(6D8)	X'F0'	0	SAFEXTSP	"240" SUBPOOL USED FOR RETURNING EXTRACTED INFORMATION FROM THE SECURITY PRODUCT

Comment

```
-------------------------------------------------------------
      Subpool shared between the IATINTK and IATNUC tasks.
      Storage that needs to be obtained by one task and
      freed by the other task should be obtained in this
      subpool. Subpool zero cannot be used since subpool
      zero is not shared between these tasks.
-------------------------------------------------------------
```

End of Comment

1752	(6D8)	X'9'	0	INTK_SHARED_SUBPOOL	
					"9" Shared subpool

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		OUTPUT SELECT PARAMETERS 01 Change Activity: $SF=z1.4.0 HJS7707 011218 ID1RS: z 1.4.0 0			
				End of Comment	
1752	(6D8)	SIGNED	4	WSPSTART (0)	
1752	(6D8)	SIGNED	2	WSPTEJBC	Compatible with WSPTEJBI - see IATXJBNO macro
1754	(6DA)	CHARACTER	8	WSPTEUID	USER ID (SYSOUT)
1754	(6DA)	X'6DA'	0	WSPJOBID	"WSPTEUID" JOB ID (SYSOUT)
1752	(6D8)	ADDRESS	4	WSPCHAIN	WAIT FOR WORK CHAIN FIELD
1752	(6D8)	X'6D8'	0	WSPRECRD	"WSPCHAIN" TOTAL RECORDS PENDING JOB
1756	(6DC)	ADDRESS	4	WSPAECF	ECF ADDRESS, NEW WORK
1760	(6E0)	BITSTRING	1	WSPMASK	ECF MASK FIELD, NEW WORK
1761	(6E1)	BITSTRING	1	WSPHWCNT	COUNT OF OUTSERV FCT'S 0370 WAITING TO PROCESS THIS 0370 HOT WRITER 0370
1762	(6E2)	BITSTRING	1	WSPFLAG	FLAG BYTE
				Comment	
		---------- DEFINITION OF WSPFLAG ----------			
				End of Comment	
		1...		WSPOSELK	"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	
1762	(6E2)	X'10'	0	WSPFIRRQ	"WSPDEL" FIRST SYSOUT PSO REQUEST
1762	(6E2)	X'8'	0	WSPOKRET	"WSPREL" REQUEST ENDED SUCCESSFULLY
1762	(6E2)	X'1'	0	WSPRQCMP	"WSPSCHED" REQUEST IS COMPLETE
1763	(6E3)	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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... 1...		WSPPEND	"X'08'" PENDING ENTRY FOUND
1763	(6E3)	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
1763	(6E3)	X'1'	0	WSPSAFFL	"WSPCKPRQ" SAF call failed during wait queue search
1764	(6E4)	SIGNED	4	(0)	WORD ALIGNMENT 3429

Comment

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

End of Comment

1764	(6E4)	SIGNED	2	WSPOSTJC	Compatible with WSPOSTJI - see IATXJBNO macro
1764	(6E4)	BITSTRING	14	WSPFDBT	TEMP OSE FDB & SEQ. NO
1778	(6F2)	SIGNED	2	WSPLEN	Length of WSP
1780	(6F4)	BITSTRING	6	WSPJDS	JDS SPOOL ADDRESS SAVE AREA
1786	(6FA)	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
1787	(6FB)	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 ARGUEMENT
		.... .111		WSPRCAWR	"X'07'" AWRITE ERROR
		.... 1...		WSPRCDAT	"X'08'" INVALID DATA
		1111 1111		WSPRCDMP	"X'FF'" SEVERE ERROR - DUMP ALREADY GENERATED
1788	(6FC)	BITSTRING	1	WSPFDBSV	SAVE FDB FOR PREVIOUS OSE

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
					---------- THE FOLLOWING THREE FIELDS MAP THE PARAMETER LIST USED BY THE WRTCHAIN ERROR RECOVERY RTN (IATXERCV) AND MUST REMAIN CONSECUTIVE. ----------
				End of Comment	
1800	(708)	BITSTRING	0	WSPERCVW (0)	WORK AREA FOR IATXERCV MACRO
1800	(708)	BITSTRING	14	WSPRQFDB	WORK FDB & BUFFER NUMBER
1814	(716)	CHARACTER	4	WSPOSEID	ID FOR OSE
1818	(71A)	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	
1820	(71C)	CHARACTER	2	WSPRSV01	' Reserved - do not use
1822	(71E)	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..		WSPFL904	"X'04'" Reserved for service
		.... ..1.		WSPFL902	"X'02'" Reserved for service
		1		WSPFL901	"X'01'" Reserved for service
1823	(71F)	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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		THIS LINE DELETED BY APAR OW32807			
				End of Comment	
		.... .1..		WSPJOBRP	"X'04'" JOB REPOSITION INDICATOR
		.... ..1.		WSPFL702	"X'02'" Reserved for IBM
		1		WSPFL701	"X'01'" Reserved for IBM
1824	(720)	SIGNED	4	WSPSECPT	POINTER TO GETMAINED AREA FOR USE BY IATXSEC
1828	(724)	SIGNED	4	WSPSAVE	WORK SAVE AREA
1832	(728)	SIGNED	4	WSPPSCPT	PTR TO PSSC CONTROL BLOCK 0357 (The D.F.R. memorial PSSC 0049 pointer) 0049
1836	(72C)	SIGNED	2	WSPBUFNB	OSE BUFFER NUMBER
1838	(72E)	SIGNED	2	WSPOFFST	OSE OFFSET VALUE
1840	(730)	CHARACTER	1	WSPCCNTL	OSE CARRIAGE CONTROL VALUE
1841	(731)	BITSTRING	4	WSPFFDBV	OSE FDB VALIDITY VALUE
1845	(735)	BITSTRING	3	WSPRSVDV	RESERVED FOR DEVELOPMENT
1848	(738)	CHARACTER	80	WSPTOKEN	SECURITY TOKEN 0318 INBOUND-CALLER'S UTOKEN OUTBOUND-RETURNED DATA SET'S RTOKEN
1928	(788)	CHARACTER	4	WSPID	WSP eyecatcher 0075
1932	(78C)	ADDRESS	4	WSPYOSPC	IATYOSPC address 0075
1936	(790)	ADDRESS	4	WSPTEJBI	Extended jobid 0075
1940	(794)	ADDRESS	4	WSPCKJBI	Checkpoint jobid 0075
1944	(798)	ADDRESS	4	WSPOSTJI	Hot writer queue post 0075 jobid 0075
1948	(79C)	BITSTRING	33	WSPRSVS4	Reserved for IBM 0075
1981	(7BD)	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
1982	(7BE)	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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
1983	(7BF)	BITSTRING	1	WSPFLG6	FLAG BYTE 6

Comment

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-------------------------------------------------------------
        DEFINITION OF WSPFLG6
        (CLEARED UPON ENTRY TO IATOSPC)
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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

1984	(7C0)	BITSTRING	1	WSPRTNIN	IATOSPC SUBROUTINE INDEX 0559
1984	(7C0)	X'0'	0	WSPOSERD	"0" OSE READ SUBROUTINE
1984	(7C0)	X'4'	0	WSPOSERL	"4" OSE ARELEASE SUBROUTINE
1984	(7C0)	X'8'	0	WSPOSEWR	"8" OSE WRITE SUBROUTINE
1984	(7C0)	X'C'	0	WSPJOBCM	"12" JOB COMPLETION SUBROUTINE
1984	(7C0)	X'10'	0	WSPWTRSC	"16" WRITER SCHEDULE SUBROUTINE
1984	(7C0)	X'14'	0	WSPRTN20	"20" Reserved for IBM 0075
1984	(7C0)	X'18'	0	WSPCLSRT	"24" CLASS ROTATION SUBROUTINE
1985	(7C1)	BITSTRING	1	WSPPECF	ECF FOR PURGE
1988	(7C4)	ADDRESS	4	WSPRESQ	SAVE AREA FOR RESQ (OSPC)
1992	(7C8)	SIGNED	4	WSPOSA	ADDRESS OF IATODDR (OSA) 0681 USED FOR LOCAL TO SNA/NJE 0681
1996	(7CC)	SIGNED	4	WSPCDE	ADDRESS OF CDE (IATODDR) FOR0681 LOCAL TO SNA/NJE PROCESSING 0681
2000	(7D0)	SIGNED	4	WSPPENSA	PENDING STAGING AREA CHAIN
2004	(7D4)	SIGNED	4	WSPSTA	ADDR OF STAR FOR IATOSPC
2008	(7D8)	SIGNED	4	WSPSAVE2	2ND WORK SAVE AREA 0559
2012	(7DC)	SIGNED	4	WSPSAVE3	3RD WORK SAVE AREA 0559
2016	(7E0)	SIGNED	4	WSPSAVEA (9)	REGISTER SAVE AREA 0606
2052	(804)	CHARACTER	4	WSPUCSID	UCS ID 0439
2056	(808)	CHARACTER	4	WSPFCBID	FCB ID 0096
2060	(80C)	BITSTRING	8	WSPPSOTM	PSO CALL TIME (TOD) 0232
2068	(814)	ADDRESS	4	WSPCRJOB	Current job for PSO
2072	(818)	ADDRESS	2	WSPRSVD9	Reserved for IBM 0075 0075
2074	(81A)	BITSTRING	1	WSPIDENT	Type of WSP 0075
2074	(81A)	X'1'	0	WSPIBDCI	"1" IATBDCI - BDT communications0075
2074	(81A)	X'2'	0	WSPIDJOT	"2" IATDJOT - Dump Job 0075
2074	(81A)	X'3'	0	WSPIDMJA	"3" IATDMJA - PSO unallocation 0075
2074	(81A)	X'4'	0	WSPIIQOS	"4" IATIQOS - Outserv Inquiry 0075
2074	(81A)	X'5'	0	WSPIMOCP	"5" IATMOCP - Modify cancel 0075
2074	(81A)	X'6'	0	WSPIMOOS	"6" IATMOOS - Outserv Modify 0075
2074	(81A)	X'7'	0	WSPINTNR	"7" IATNTNR - NJERDR 0075
2074	(81A)	X'8'	0	WSPINTRS	"8" IATNTRS - NJE Reroute 0075
2074	(81A)	X'9'	0	WSPIOSB1	"9" IATOSBM - BDT cancel 0075

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
2074	(81A)	X'A'	0	WSPIOSB2	"10" IATOSBM - JSAM error 0075
2074	(81A)	X'B'	0	WSPIOSB3	"11" IATOSBM - BDT job hold 0075
2074	(81A)	X'C'	0	WSPIOSD1	"12" IATOSDR - Output Service 0075 (Primary FCT) 0075
2074	(81A)	X'D'	0	WSPIOSD2	"13" IATOSDR - Output Service 0075 (Secondary FCT) 0075
2074	(81A)	X'E'	0	WSPIOSF1	"14" IATOSFD - FSS writer 0075 (primary WSP) 0075
2074	(81A)	X'F'	0	WSPIOSF2	"15" IATOSFD - FSS writer 0075 (secondary WSP) 0075
2074	(81A)	X'10'	0	WSPIOSSD	"16" IATOSSD - SAPI 0075
2074	(81A)	X'11'	0	WSPIOSSO	"17" IATOSSO - SAPI JSAM error 0075
2074	(81A)	X'12'	0	WSPIOSW1	"18" IATOSWD - JES3 writer 0075 (primary WSP) 0075
2074	(81A)	X'13'	0	WSPIOSW2	"19" IATOSWD - JES3 writer 0075 (secondary WSP) 0075
2074	(81A)	X'14'	0	WSPIPURG	"20" IATPURG - Purge processing 0075
2074	(81A)	X'15'	0	WSPISIOP	"21" IATSIOP - Process SYSOUT 0075 0075
2075	(81B)	BITSTRING	1	WSPVER	Version number
		1		WSPVER01	"X'01'" Version number 1
2075	(81B)	X'1'	0	WSPCVER	"WSPVER01" Current version
2076	(81C)	ADDRESS	4	WSPPSDRT	OSPCS100 return address 0075
2080	(820)	ADDRESS	4	WSPSAVE4	PSOSCHED return address 0075
2084	(824)	SIGNED	4	WSPSDWAD	Address of SAPI DSP Work Area
2088	(828)	SIGNED	4	WSPRSVD8 (2)	Reserved for IBM
2096	(830)	ADDRESS	4	WSPRQADR	Current RQ address
2100	(834)	SIGNED	4	WSPACONS	ADDR OF CALLING CONSOLE CNDB IN IATYWTR, WTRDCCDB
2104	(838)	SIGNED	4	WSPRSVU1 (2)	RESERVED FOR USER 0200

Comment

End of version 0 PSO area.

End of Comment

2104	(838)	X'840'	0	WSPTEEND_V0	"*" End of version 0 PSO area
2104	(838)	X'168'	0	WSPTESIZ_V0	"WSPTEEND_V0-WSPSTART" Size of version 0 PSO area
2112	(840)	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

2112	(840)	X'840'	0	WSPTEEND	"*" End of version 1 PSO area
2112	(840)	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

2112	(840)	SIGNED	4	WSPTESSO (0)	ADDRESS OF SSOB FOR PSO

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- THE FOLLOWING WSP INFORMATION IS COMMON FOR EVERY JES3 WRITER. THIS INFORMATION IS NOT NEEDED FOR PSO. ----------
					End of Comment
2112	(840)	SIGNED	4	WSPRSVS3 (4)	RESERVED FOR SERVICE
2128	(850)	BITSTRING	8	WSPWSTME	WRITER START TIME (TOD) -- 0630 (I.E., WHEN IATOSWC WAS 0630 ENTERED FOR THIS WRITER) 0630
2136	(858)	SIGNED	4	WSPRSVU2 (5)	RESERVED FOR USER
					Comment
					---------- THE FOLLOWING TWO FIELDS ARE USED IN MODULE IATOSWS TO SAVE FIELDS OSECHN AND OSECNT ACROSS THE ACALL TO THE 'OSE SHRINKER' CODE IN MODULE IATOSSC (OSES000) ----------
					End of Comment
2156	(86C)	BITSTRING	12	WSPOCHN	SAVE AREA FOR CHAIN FDB
2168	(878)	BITSTRING	2	WSPOCNT	SAVE AREA FOR BUFFER NUMBER
2170	(87A)	CHARACTER	8	WSPTPID	Current APPC TPID, JSAB job id, or JSAB job name
2178	(882)	BITSTRING	6	WSPOSSWB	SPOOL ADDR FOR CURR OUTPUT D015 DESCR IF XTNDD KEYWORDS D015
2184	(888)	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
2186	(88A)	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
2187	(88B)	BITSTRING	1	WSPRSVD7	RESERVED FOR DEVELOPMENT #0040
2188	(88C)	SIGNED	4	WSPPAGE	TOTAL PAGES PENDING JOB
2192	(890)	ADDRESS	4	WSPASUP	SUPUNITS ADDRESS
2196	(894)	ADDRESS	4	WSPARQ	ADDRESS OF RESQUEUE ENTRY
2200	(898)	BITSTRING	0	WSPFDBS (0)	SCHEDULED OSE POINTER
2200	(898)	BITSTRING	12	WSPFDB	WOSE FDB
2212	(8A4)	BITSTRING	2	WSPOSEBN	SCHEDULED OSE BUFFER NUMBER
2216	(8A8)	ADDRESS	4	WSPOSE	ADDRESS OF MOSE
2220	(8AC)	ADDRESS	4	WSPOSS	ADDRESS OF OSS ENTRY
2224	(8B0)	SIGNED	4	WSPNJERC	BSC/NJE PENDING RECORD CNT 0126
2228	(8B4)	SIGNED	4	WSPOUTBN	OUTBIN ID (in writer WSP)

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
2228	(8B4)	ADDRESS	4	WSPHWWSP	Address of hot writer WSP (in OUTSERV WSP)
2232	(8B8)	SIGNED	4	WSPRSVD2 (2)	RESERVED FOR DEVELOPMENT 0146
2240	(8C0)	BITSTRING	16	WSPSELD	SEL MASK OF DS SELECTED
2256	(8D0)	BITSTRING	16	WSPSELT	TEMP SEL MASK
2272	(8E0)	BITSTRING	16	WSPSELM	MASTER SELECTION MASK

Comment

DEFINITION OF WSPSELM VALUES

End of Comment

2272	(8E0)	X'0'	0	WSPNULL	"00" IGNORE THIS ENTRY
2272	(8E0)	X'4'	0	WSPPRTY	"04" CHECK PRIORITY OF ENTRY
2272	(8E0)	X'8'	0	WSPDEST	"08" CHECK DESTINATION OF ENTRY
2272	(8E0)	X'C'	0	WSPTYPE	"12" CHECK DEST. TYPE OF ENTRY
2272	(8E0)	X'10'	0	WSPFORM	"16" CHECK FORMS SETUP OF ENTRY
2272	(8E0)	X'14'	0	WSPCARR	"20" CHECK FCB/CTAPE SETUP
2272	(8E0)	X'18'	0	WSPUCS	"24" CHECK TRAIN SETUP OF ENTRY
2272	(8E0)	X'1C'	0	WSPLINE	"28" CHECK LINE, PAGE, AND RECORD LIMITS OF PRINTER
2272	(8E0)	X'20'	0	WSPCLAS	"32" CHECK CLASS OF ENTRY
2272	(8E0)	X'24'	0	WSPFLASH	"36" CHECK FORMS FLASH SETUP
2272	(8E0)	X'28'	0	WSPCPMOD	"40" CHECK COPY MODIFICATION
2272	(8E0)	X'2C'	0	WSPSTACK	"44" CHECK STACKER SETUP
2272	(8E0)	X'30'	0	WSPPMODE	"48" CHECK PROCESS MODE OF PRINTER
2272	(8E0)	X'30'	0	WSPSELMX	"WSPPMODE" MAXIMUM VALUE FOR WSPSELM
2288	(8F0)	SIGNED	2	WSPSELC	LOGICAL LENGTH OF WSPSELM
2290	(8F2)	BITSTRING	1	WSPPTYSV	HIGHEST PRIORITY FOUND
2291	(8F3)	BITSTRING	1	WSPRSVFX	RESERVED FOR SERVICE
2292	(8F4)	SIGNED	2	WSPOFST	OFFSET TO OSEENTRY
2294	(8F6)	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)
2295	(8F7)	BITSTRING	1	WSPFLG3	FLAG BYTE 3

Comment

DEFINITION OF WSPFLG3

End of Comment

		1...		WSPDM206	"X'80'" DM206 failure in progress

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					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
2296	(8F8)	BITSTRING	2	WSPFRSDD	FLAGS - RESERVED FOR DEV.
2298	(8FA)	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
2299	(8FB)	SIGNED	1	WSPCLSN	NUMBER OF CLASSES
2300	(8FC)	CHARACTER	36	WSPCLSS	SYSOUT CLASSES TO SELECT
2336	(920)	SIGNED	4	WSPEND (0)	END OF PARM LIST
2336	(920)	BITSTRING	1	WSPSIZE (0)	L' TOTAL SIZE OF WSP
					Comment
					EIGHT LINE DELETED BY APAR OZ78951 ---------- FULL WORD SCRATCH AREAS ----------
					End of Comment
2336	(920)	SIGNED	4	(0)	INSURE WORD ALIGNMENT
2336	(920)	BITSTRING	32	WTRIFDBI	FDB FOR CURRENT DATASET WHEN MVT/TSO WRITER, OR FIRST M.R ONLY FOR OTHER WRITERS
2368	(940)	BITSTRING	16	WTRIPTRA	OPEN/POINT/NOTE PARM LIST
2368	(940)	BITSTRING	6	WTRIPTK1	FIRST SPOOL M.R FOR DATASET
2374	(946)	BITSTRING	6	WTRIPTK2	M.R SPOOL ADDRESS FOR POINT
2380	(94C)	BITSTRING	2	WTRIPOFF	OFFSET TO RECORD FOR POINT
2382	(94E)	BITSTRING	2	WTRINON	UNUSED, SHOULD BE ZERO
2368	(940)	BITSTRING	24	WTRFPURC	PURCHAIN WORK AREA
2392	(958)	BITSTRING	80	WTRICTKN	CTOKEN
2472	(9A8)	CHARACTER	18	WTRIRSTX	Reason text field
2492	(9BC)	ADDRESS	4	WTROSEAR	OSE address
2496	(9C0)	SIGNED	4	WTRIRSV1 (4)	Reserved for development

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
2512	(9D0)	SIGNED	4	WTRINPRO	RUN OUT INTERVAL FOR WRITER
2516	(9D4)	SIGNED	2	WTRICKIV	CHECKPOINT INTERVAL
2518	(9D6)	SIGNED	2	WTRIRSVD	RESERVED FOR DEVELOPMENT
2520	(9D8)	ADDRESS	4	WTRFJNWS	JESNEWS ADDRS FOR FSS WTR
2524	(9DC)	SIGNED	4	WTRIPFOR	NUMBER OF PAGES TO MAP (3800 ONLY)
2528	(9E0)	BITSTRING	24	WTRINOT1	NOTE 1
2552	(9F8)	BITSTRING	24	WTRINOT2	NOTE 2
2576	(A10)	ADDRESS	4	WTRINOTS	POINTER TO NEXT NOTE AREA
2580	(A14)	BITSTRING	24	WTRICKPT	SAVE AREA FOR THE CHECKPOINT.
2604	(A2C)	ADDRESS	4	WTRIRQAD	SAVE AREA FOR CALLED WTR RQ ADDRESS OR 0 FOR DYNAMIC WTR
2608	(A30)	ADDRESS	4	WTRIJDSP	JDS POINTER FOR DATA SET IN PROGRESS AT THE CHANNEL
2612	(A34)	SIGNED	4	WTRIPARM	FREE/HOLD PARM
2616	(A38)	BITSTRING	16	WTRIDBPM (0)	LENGTH/ADDRESS OF I/P RECORD
2616	(A38)	SIGNED	4	WTRILEN1	SPLIT RECORD LENGTH ONE
2620	(A3C)	SIGNED	4	WTRIADR1	SPLIT RECORD ADDRESS ONE
2624	(A40)	SIGNED	4	WTRILEN2	SPLIT RECORD LENGTH TWO
2628	(A44)	SIGNED	4	WTRIADR2	SPLIT RECORD ADDRESS TWO
2632	(A48)	SIGNED	4	WTRIRCDS	SAVE AREA FOR JOB AND DATA SET RECORD COUNT
2636	(A4C)	SIGNED	4	WTRIPAGS	SAVE AREA FOR JOB AND DATA SET PAGE COUNT
2640	(A50)	SIGNED	4	WTRIRPOS	REPOSITION COUNT
2644	(A54)	SIGNED	4	WTRILNCT	CHECKPOINT RECORD COUNTER
2648	(A58)	SIGNED	4	WTRISLEN	CMD SCAN SAVE AREA (OSMP)
2652	(A5C)	SIGNED	4	WTRDECFL (5)	WAIT FOR WORK ECF LIST
2652	(A5C)	SIGNED	4	WTRDECF1	FIRST ECF ADDRESS
2656	(A60)	BITSTRING	1	(3)	MUST BE ZERO
2659	(A63)	BITSTRING	1	WTRDMSK1	FIRST ECF MASK
2660	(A64)	SIGNED	4	WTRDECF2	SECOND ECF ADDRESS
2664	(A68)	BITSTRING	1	(3)	MUST BE ZERO
2667	(A6B)	BITSTRING	1	WTRDMSK2	SECOND ECF MASK
2668	(A6C)	BITSTRING	4	WTRDECFE	ECF LIST TERMINATOR
2652	(A5C)	SIGNED	4	WTRPSM14	SAVE RETURN FOR SMF6
2656	(A60)	SIGNED	4	WTRPRD14	SAVE RETURN FOR WOSE READ
2660	(A64)	SIGNED	4	WTRPWT14	SAVE RETURN FOR WOSE WRITE
2664	(A68)	SIGNED	4	WTRPRL14	SAVE RETURN FOR WOSE RELEASE
2668	(A6C)	SIGNED	4	WTRPSV14	SAVE RETURN-COMPLETE,RESCHED
2672	(A70)	SIGNED	4	(3)	REVD FOR OSWP RETURN SAVE
2684	(A7C)	SIGNED	4	WTRPREG2	REG 2 SAVE AREA (OSWP)
2688	(A80)	SIGNED	4	WTRPSAV1	REGISTER SAVE AREA (OSWP) 0357
2692	(A84)	SIGNED	4	WTRPSAV2	REGISTER SAVE AREA (OSWP) 0357
2696	(A88)	SIGNED	4	WTRPSAV3	REGISTER SAVE AREA (OSWP) 0357
2700	(A8C)	SIGNED	4	WTRPSAV4	REGISTER SAVE AREA (OSWP) 0357
2704	(A90)	BITSTRING	1	WTRPWTRC	LOCAL RETURN CODE (OSWP)

Comment

SEVEN LINES DELETED BY APAR OZ73227

HALF WORD SCRATCH AREAS

End of Comment

2706	(A92)	SIGNED	2	WTRINLCN	LINE COUNT BETWEEN NOTES
2708	(A94)	SIGNED	2	WTRINTCN	NUMBER OF NOTES TO BE TAKEN BETWEEN CHECKPOINTS
2710	(A96)	SIGNED	2	WTRICPYT	COPIES TRANSMITTED

Comment

NEXT FIELD IS MEANINGFUL FOR 3800 ONLY

End of Comment

2712	(A98)	SIGNED	2	WTRILPOS	FCB LINE POSITION AT START

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- WTRIOSE DEFINES A PARAMETER OSE USED TO IDENTIFY SETUP REQUIREMENTS TO IATOSPS. ----------
					End of Comment
2716	(A9C)	SIGNED	4	(0)	INSURE FULLWORD ALIGNMENT
2716	(A9C)	BITSTRING	96	WTRIOSE	0483
2812	(AFC)	BITSTRING	256		0483
3068	(BFC)	BITSTRING	1		0483
3068	(BFC)	X'240'	0	WTRIOSSZ	"L'OSEFSIZE+L'OSEVSIZE+L'OSEDSIZE"
					Comment
					---------- BYTE ALIGNMENT ----------
					End of Comment
3292	(CDC)	BITSTRING	1	WTRIREST	RESET MASK FOR DS/OSE UPDATE
3293	(CDD)	BITSTRING	1	WTRISET	SET MASK FOR DS/OSE UPDATE
3294	(CDE)	BITSTRING	1	WTRIHTYP	HOLD TYPE FOR DATA SET
3295	(CDF)	BITSTRING	1	WTRIHRSN	HOLD REASON FOR DATA SET
3296	(CE0)	BITSTRING	2	WTRRSVDB	RESERVED FOR DEVELOPMENT
					Comment
					---------- FDB FOR DATASET OUTPUT INFORMATION BLOCK (DOI), CREATED FOR APPC TRANASACTION PROGRAMS. ----------
					End of Comment
3298	(CE2)	BITSTRING	34	WTRIDOFD	DOI MRF FDB
3332	(D04)	SIGNED	4	WTRIFFDB (0)	FULL WORD BOUNDARY 2843
3332	(D04)	BITSTRING	1	WTRIFDBS	FDB
3332	(D04)	X'D04'	0	WTRIWRKM	"WTRIFDBS,17" WORK AREA FOR ROUTE CODE MASK
3332	(D04)	X'D04'	0	WTRIWRK	"WTRIFDBS,16" WORK AREA FOR OUTPUT SERVICE COMMAND WITH OPTION ',P'
3360	(D20)	CHARACTER	10	WTRIWORK	WORK AREA, REDEFINED 2843
3370	(D2A)	CHARACTER	1	WTRINAV	NAV OPTION
3371	(D2B)	ADDRESS	1	WTRICOPY	CURRENT COPY NUMBER(IF 3800, CURRENT STARTING COPY NUM)
3372	(D2C)	ADDRESS	1	WTRICPYS	TOTAL COPIES (IF 3800, SUM OF COPY GROUPS)
3373	(D2D)	ADDRESS	1	WTRIFLCN	FLASH COUNT
3374	(D2E)	BITSTRING	8	WTRICPYE	COPY GROUP VALUES
3382	(D36)	BITSTRING	3	WTRICNTR (0)	3800 COPY LOAD PARM LIST
3382	(D36)	ADDRESS	1	WTRICPYN	STARTING COPY NUMBER
3383	(D37)	ADDRESS	1	WTRICPYC	NUMBER OF COPIES TO PRINT
3384	(D38)	ADDRESS	1	WTRICFLC	NUMBER OF COPIES TO FLASH
3385	(D39)	BITSTRING	8	WTRISELP	COMMAND SELECTION PARAMETER
3393	(D41)	ADDRESS	1	WTRICNTP	COMMAND CLASS COUNT
3394	(D42)	CHARACTER	36	WTRICLSP	COMMAND CLASSES
					Comment
					---------- FLAG BYTES ----------
					End of Comment

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
3430	(D66)	BITSTRING	8	WTRIMFLS (0)	INPUT MESSAGE FLAGS
3430	(D66)	BITSTRING	2	WTRIMFLA (0)	NON KEYWORD PARAMS
3430	(D66)	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
		...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
3430	(D66)	X'5D'	0	WTRIMPM1	"FF-WTRIA-WTRID-WTRIM" NO FSS SYNCH REQ. OPTIONS
3431	(D67)	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
3431	(D67)	X'7F'	0	WTRIMPM2	"FF-WTRIP" NO FSS SYNCH REQUIRED OPTION
3432	(D68)	BITSTRING	3	WTRIMFLB (0)	FLAGS FOR PARAMS. W/EQUALS
3432	(D68)	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
3432	(D68)	X'FF'	0	WTRIMPM3	"FF" NO FSS SYNCH REQUIRED OPTIONS
3433	(D69)	BITSTRING	1	WTRIMFL4	FLAG BYTE

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		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
3433	(D69)	X'FF'	0	WTRIMPM4	"FF" NO FSS SYNCH REQUIRED OPTIONS
3434	(D6A)	BITSTRING	1	WTRIMFL5	
		Comment			
		---------- DEFINITION OF WTRIMFL5 ----------			
		End of Comment			
		1...		WTRISZEQ	"X'80'" SIZE OPTION
		.1..		WTRIWCEQ	"X'40'" WC OPTION
		..1.		WTRIWSEQ	"X'20'" WS OPTION
		...1		WTRIUEQ	"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
3434	(D6A)	X'FB'	0	WTRIMPM5	"FF-WTRIROEQ" NO FSS SYNCH REQUIRED OPTIONS
3435	(D6B)	BITSTRING	1	WTRIMFL6	
		Comment			
		---------- 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		WTRIWSF	"X'10'" WS = F FOUND
		.... 1...		WTRIWSC	"X'08'" WS = C FOUND
		.... .1..		WTRIWSU	"X'04'" WS = U FOUND
		.... ..1.		WTRIWSL	"X'02'" WS = L FOUND
		1		WTRIWSCL	"X'01'" WS = CL FOUND
3435	(D6B)	X'FF'	0	WTRIMPM6	"FF" NO FSS SYNCH REQUIRED OPTIONS
3436	(D6C)	BITSTRING	1	WTRIMFL7	
		Comment			
		---------- DEFINITION OF WTRIMFL7 ----------			
		End of Comment			
		1...		WTRIWSFL	"X'80'" WS = FL FOUND
		.1..		WTRIWSCM	"X'40'" WS = CM FOUND

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		..1.		WTRIWSST	"X'20'" WS = ST FOUND
		...1		WTRIWSPM	"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
3436	(D6C)	X'FF'	0	WTRIMPM7	"FF" NO FSS SYNCH REQUIRED OPTIONS
3437	(D6D)	BITSTRING	1	WTRIMFL8	RESERVED
3437	(D6D)	X'FF'	0	WTRIMPM8	"FF" NO FSS SYNCH REQUIRED OPTIONS

Comment

BEGINNING OF AREA DUMPED IN MESSAGE IAT7060 BY SPECIFYING
THE D PARAMETER ON A X, S, R OR C COMMAND.

End of Comment

3438	(D6E)	BITSTRING	1	WTRIMFLP	FLAG BYTE

Comment

DEFINITION OF WTRIMFLP

End of Comment

		1...		WTRISTRT	"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..		WTRIJOBS	"X'04'" JOB SELECTED
		.... ..1.		WTRIDSS	"X'02'" DATA SET SELECTED
		1		WTRIMNT	"X'01'" MOUNT CONDITION
3439	(D6F)	BITSTRING	1	WTRIFLG1	SAVE AREA FOR OSEDFLG1
3440	(D70)	BITSTRING	1	WTRIFLG2	FLAGS

Comment

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
3441	(D71)	BITSTRING	1	WTRIFLG3	FLAG BYTE

Comment

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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		...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
3442	(D72)	BITSTRING	1	WTRIFLG4	FLAG BYTE

Comment

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
		.... 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
3443	(D73)	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
3444	(D74)	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

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

		DEFINITION OF WTRIFLG8			

				End of Comment	
3445	(D75)	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.
3446	(D76)	BITSTRING	1	WTRINDX	RETURN INDEX FOR INPUT MSG
				Comment	

		DEFINITION OF WTRINDX			

				End of Comment	
3446	(D76)	X'0'	0	WTRIJS	"0" JOB SELECT
3446	(D76)	X'4'	0	WTRISU	"WTRIJS+4" DEVICE SETUP
3446	(D76)	X'8'	0	WTRIVO	"WTRISU+4" VOLUME OPEN
3446	(D76)	X'C'	0	WTRIRM	"WTRIVO+4" READY MESSAGE
3446	(D76)	X'10'	0	WTRIDSO	"WTRIRM+4" DATA SET OPEN
3446	(D76)	X'14'	0	WTRIDSR	"WTRIDSO+4" DATA SET REPOSITIONING
3446	(D76)	X'18'	0	WTRIDL	"WTRIDSR+4" DEBLOCK LOOP
3446	(D76)	X'1C'	0	WTRIEP	"WTRIDL+4" EOD PUT
3446	(D76)	X'20'	0	WTRIPT	"WTRIEP+4" PUT TRUNCATE
3446	(D76)	X'24'	0	WTRIPO	"WTRIPT+4" PUT OUTPUT
3446	(D76)	X'28'	0	WTRIDSD	"WTRIPO+4" DATA SET DONE
3446	(D76)	X'2C'	0	WTRIDSC	"WTRIDSD+4" DATA SET COMPLETE
3446	(D76)	X'30'	0	WTRIGNO	"WTRIDSC+4" GET NEXT OSE
3446	(D76)	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	
3447	(D77)	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
3448	(D78)	BITSTRING	1	WTRIRSFL	RESERVED FOR FLAG
3452	(D7C)	SIGNED	4	WTRWPRSQ	Pointer to JDS-owning RQ
3456	(D80)	ADDRESS	4	WTRIJMRD	If non-zero, pointer to the OSE data set section used for IATXJMR
3460	(D84)	ADDRESS	4	WTRIJMRQ	Pointer to the JMR-owning RQ
3464	(D88)	SIGNED	4	WTRIRSV2 (2)	Reserved for development
3472	(D90)	CHARACTER	8	WTRLOGNM	Job name for login message of restored PPQ entry
3480	(D98)	CHARACTER	8	WTRLOGID	Job id for login message of restored PPQ entry

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
3488	(DA0)	SIGNED	4	WTRIREPO	REPOSITION COUNT FROM CKPNT
3492	(DA4)	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)
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```

End of Comment

3496	(DA8)	ADDRESS	4	WTRWSPAA	POINT TO WSP IN SECOND PAGE -- OF YWTR EXPANSION
3500	(DAC)	BITSTRING	1	WTRISYSE (0)	END OF AREA ZEROED DURING IATOSWD INITIALIZATION
3500	(DAC)	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
3588	(E04)	BITSTRING	16	WTRDRSVD	RESERVED FOR DEVELOPMENT

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
            IFASMFRA 85-103
            IFASMFRB 104-113
            IFASMFRC 114-123
            IFASMFRD 124-127
%GOTO IFABGN2;
  THIS IS AN SMF MACRO WHICH CONTROLS THE BUILDING OF SMF RECORDS. THE
  REQUIRED FORMAT IS
      IFASMFR &RECTYPE
  NOTE: VALUES FOR &RECTYPE MUST BE ENCLOSED IN PARENS(UNLESS ONLY 1).
 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

3604	(E14)	SIGNED	4	(0)	ALIGN TO FULL WORD BOUNDARY
3604	(E14)	X'E14'	0	SMFRCD6	"*" HEADER SEGMENT
3604	(E14)	BITSTRING	2	SMF6LEN	RECORD LENGTH
3606	(E16)	BITSTRING	2	SMF6SEG	SEGMENT DESCRIPTOR
3608	(E18)	BITSTRING	1	SMF6FLG	HEADER FLAG BYTE

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
3609	(E19)	BITSTRING	1	SMF6RTY	RECORD TYPE 6
3609	(E19)	X'6'	0	SMFJ6	"6" PRINT/PUNCH RECORD TYPE
3610	(E1A)	BITSTRING	4	SMF6TME	TOD, USING FORMAT FROM TIME MACRO W/BIN. INTVL
3614	(E1E)		4	SMF6DTE	DATE IN PACKED DECIMAL FORM: 00YYDDDF
3618	(E22)	CHARACTER	4	SMF6SID	SYSTEM IDENTIFICATION Y02901
3622	(E26)	CHARACTER	8	SMF6JBN	JOB NAME
3630	(E2E)	BITSTRING	4	SMF6RST	RDR START TIME, TIME JOB CARD 1ST READ
3634	(E32)		4	SMF6RSD	READER START DATE 00YYDDDF
3638	(E36)	CHARACTER	8	SMF6UIF	USER ID FIELD
3646	(E3E)	CHARACTER	1	SMF6OWC	OUTPUT WTR CLASS, BLANK FOR NON-SYSOUT
3647	(E3F)	BITSTRING	4	SMF6WST	WRITER START TIME
3651	(E43)		4	SMF6WSD	WRITER START DATE
3655	(E47)	BITSTRING	4	SMF6NLR	# OF LOGICAL RECORDS HANDLED BY WRITER PER FORM # PER CLASS, INCLUDES REPEATS AND RESTARTS.
3659	(E4B)	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
3660	(E4C)	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.
3661	(E4D)	CHARACTER	4	SMF6FMN	FORM NUMBER
3665	(E51)	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
3666	(E52)	BITSTRING	2	SMF6SBS	SUBSYSTEM GENERATING ID EXTWTR=0, JES2=2, JES3=5, PSF=7, IP PrintWay = 9
3668	(E54)	BITSTRING	2	SMF6LN1	LENGTH OF SECTION INCLUDING THIS FIELD
3670	(E56)	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
3671	(E57)	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.

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.... .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
3672	(E58)	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.
3676	(E5C)	CHARACTER	8	SMF6OUT	LOGICAL OUTPUT DEVICE NAME FOR THE 3820, ACF/VTAM LOGICAL UNIT NAME
3684	(E64)	CHARACTER	4	SMF6FCB	FCB ID Y02120
3688	(E68)	CHARACTER	4	SMF6UCS	UCS ID Y02120 END OF RECORD FOR EXTERNAL WTR
3692	(E6C)	BITSTRING	4	SMF6PGE	APPROXIMATE PHYSICAL PAGE COUNT
3692	(E6C)	X'E70'	0	SMF6J2S	"*" BEGIN JES2 ONLY SECTION
3696	(E70)	BITSTRING	2	SMF6RTE	OUTPUT ROUTE CODE OR ZERO
3698	(E72)	BITSTRING	1	SMF6END2 (0)	END OF JES2 RECORD
3698	(E72)	BITSTRING	0	SMF6SIZ2 (0)	SIZE OF JES2 SMF6 RECORD EXCLUDING OPTIONAL EXTENSIONS
3698	(E72)	BITSTRING	0	SMF6SIZ3 (0)	SIZE OF JES2 SMF6 RECORD FROM SMF6LN1 TO HERE
3696	(E70)	X'E70'	0	SMF6J3S	"*" BEGIN JES3 ONLY SECTION
3696	(E70)	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
3698	(E72)	BITSTRING	2	SMF6OPR	OUTPUT PRIORITY
3700	(E74)	CHARACTER	8	SMF6GRP	LOGICAL OUTPUT DEVICE GROUP NAME
3708	(E7C)	CHARACTER	8	SMF6RSVJ	RESERVED FOR JES3
3716	(E84)	CHARACTER	4	SMF6RSVU	RESERVED FOR USER
3720	(E88)	BITSTRING	1	SMF6END (0)	END OF JES3 RECORD
3720	(E88)	BITSTRING	0	SMF6SIZ (0)	SIZE OF JES3 SMF6 RECORD EXCLUDING OPTIONAL EXTENSIONS
3720	(E88)	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

3668	(E54)	BITSTRING	2	SMF6LN2	LENGTH FIRST EXTENSION INCLUDING THIS FLD
3670	(E56)	CHARACTER	1	SMF6CPS (8)	COPIES DISTRIBUTION
3678	(E5E)	CHARACTER	4	SMF6CHR (4)	TRANSLATE TABLE NAMES FRO CHARS PARM
3694	(E6E)	CHARACTER	4	SMF6MID	COPY MODIFICATION MODULE NAME
3698	(E72)	CHARACTER	4	SMF6FLI	FLASH OVERLAY NAME
3702	(E76)	BITSTRING	1	SMF6FLC	NUMBER OF COPIES FLASHED
3703	(E77)	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
3704	(E78)	BITSTRING	1	SMF6FEND (0)	END OF FIRST EXTENSION
3704	(E78)	BITSTRING	1	SMF6FSIZ (0)	SIZE OF FIRST EXTENSION

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
					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
3668	(E54)	BITSTRING	2	SMF6LN3	LENGTH OF SECTION INCLUDING THIS FIELD
3670	(E56)	CHARACTER	4	SMF6ROUT	OUTPUT ROUTE CODE
3674	(E5A)	CHARACTER	8	SMF6EFMN	OUTPUT FORM NUMBER
3682	(E62)	BITSTRING	1	SMF6REND (0)	END OF OLD ROUTING SECTION
3682	(E62)	BITSTRING	0	SMF6RSIZ (0)	SIZE OF OLD ROUTING SECTION
3682	(E62)	CHARACTER	16		RESERVED
3698	(E72)	CHARACTER	8	SMF6JBID	JOB ID
3706	(E7A)	CHARACTER	8	SMF6STNM	STEPNAME
3714	(E82)	CHARACTER	8	SMF6PRNM	PROCEDURE STEP NAME
3722	(E8A)	CHARACTER	8	SMF6DDNM	DD NAME
3730	(E92)	CHARACTER	8	SMF6USID	USER ID
3738	(E9A)	CHARACTER	8	SMF6SECS	SECURITY LABEL (SECLABEL)
3746	(EA2)	CHARACTER	8	SMF6PRMD	PROCESSING MODE
3754	(EAA)	CHARACTER	53	SMF6DSNM	DATA SET RESOURCE NAME
3807	(EDF)	CHARACTER	3		RESERVED
3810	(EE2)	CHARACTER	20	SMF6OTOK	OUTPUT GROUP TOKEN
3830	(EF6)	BITSTRING	1	SMF6DEND (0)	END OF ROUTING SECTION
3830	(EF6)	BITSTRING	1	SMF6DSIZ (0)	SIZE OF ROUTING SECTION
					Comment
					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
3668	(E54)	BITSTRING	2	SMF6LN4	LENGTH SECOND EXTENSION INCLUDING THIS FLD
3670	(E56)	BITSTRING	2	SMF6BNOF	OFFSET TO BIN SECTION
3670	(E56)	BITSTRING	2	SMF6RES	RESERVED - REDEFINES SMF6BNOF
3672	(E58)	BITSTRING	4	SMF6FONT	NUMBER OF FONTS USED
3676	(E5C)	BITSTRING	4	SMF6LFNT	NUMBER OF FONTS LOADED
3680	(E60)	BITSTRING	4	SMF6OVLY	NUMBER OF OVERLAYS USED
3684	(E64)	BITSTRING	4	SMF6LOLY	NUMBER OF OVERLAYS LOADED
3688	(E68)	BITSTRING	4	SMF6PGSG	NUMBER OF PAGE SEGMENTS USED
3692	(E6C)	BITSTRING	4	SMF6LPSG	NUMBER OF PAGE SEGMENTS LOADED
3696	(E70)	BITSTRING	4	SMF6IMPS	COUNT OF LOGICAL IMPRESSIONS PROCESSED
3700	(E74)	BITSTRING	4	SMF6FEET	NUMBER OF FEET OF DOCUMENT PRINTED (ZERO FOR THE 3820)
3704	(E78)	BITSTRING	4	SMF6PGDF	NUMBER OF PAGEDEFS USED
3708	(E7C)	BITSTRING	4	SMF6FMDF	NUMBER OF FORMDEFS USED
3712	(E80)	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
3713	(E81)	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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.... ..1.		SMF6SOER	"X'02'" ERROR OCCURRED PROCESSING SECURITY OVERLAY
		1		SMF6IGER	"X'01'" IMAGE GENERATOR OVERRUN ERROR OCCURRED
3714	(E82)	BITSTRING	1	SMF6FLG3	FLAG BYTE
		1...		SMF6SLIG	"X'80'" SECURITY LABEL INTEGRITY GUARANTEED
		.1..		SMF6JHPP	"X'40'" THE JOB HEADER PAGE WAS PRINTED
		..1.		SMF6JTPP	"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
3715	(E83)	BITSTRING	1		RESERVED
3716	(E84)	BITSTRING	4	SMF6NSOL	NUMBER OF SECURITY OVERLAYS USED
3720	(E88)	BITSTRING	4	SMF6NSFO	NUMBER OF SECURITY FONTS USED
3724	(E8C)	BITSTRING	4	SMF6NSPS	NUMBER OF SECURITY PAGE SEGMENTS USED
3728	(E90)	CHARACTER	8	SMF6FDNM	FORMDEF NAME
3736	(E98)	CHARACTER	8	SMF6PDNM	PAGEDEF NAME
3744	(EA0)	CHARACTER	8	SMF6PTDV	PRINTDEV NAME
3752	(EA8)	CHARACTER	32	SMF6OCNM	OBJECT CONTAINER NAME(S)
3752	(EA8)	CHARACTER	8	SMF6SETU	COMSETUP OBJECT CONTAINER NAME
3760	(EB0)	CHARACTER	8		RESERVED OBJECT CONTAINER NAME
3768	(EB8)	CHARACTER	8		RESERVED OBJECT CONTAINER NAME
3776	(EC0)	CHARACTER	8		RESERVED OBJECT CONTAINER NAME
3784	(EC8)	BITSTRING	4	SMF6LPGE	Count of logical pages processed
3788	(ECC)	BITSTRING	1	SMF6SEND (0)	END OF SECOND EXTENSION
3788	(ECC)	BITSTRING	1	SMF6SSIZ (0)	SIZE OF SECOND EXTENSION

Comment

MULTI-BINS HEADER SECTION (OFFSET DEFINED BY SMF6BNOF)

End of Comment

3604	(E14)	BITSTRING	2	SMF6BNLN	LENGTH BINS SECTION INCLUDING THIS FLD
3606	(E16)	BITSTRING	2	SMF6BNUM	NUMBER OF COUNTERS ENTRIES

Comment

MULTI-BINS COUNTER SECTION
- FOLLOWS "MULTI-BIN" HEADER SECTION

End of Comment

3604	(E14)	BITSTRING	1	SMF6BNNO	BIN NUMBER
3605	(E15)	BITSTRING	3	SMF6BNCT	BIN COUNTER
3608	(E18)	BITSTRING	2	SMF6BNLE	Paper length in millimeters
3610	(E1A)	BITSTRING	2	SMF6BNWI	Paper width in millimeters

Comment

ENHANCED SYSOUT SECTION

End of Comment

3668	(E54)	BITSTRING	2	SMF6LN5	LENGTH ENHANCED SYSOUT SECTION INCLUDING THIS FIELD
3670	(E56)	BITSTRING	4	SMF6SGID	SEGMENT IDENTIFIER
3674	(E5A)	BITSTRING	1	SMF6IND	SECTION INDICATOR
		1...		SMF6SJF	"X'80'" ERROR OBTAINING SWBTU - SWBTU DATA AREA NOT PRESENT
3675	(E5B)	BITSTRING	1	SMF6RSV	RESERVED
3676	(E5C)	CHARACTER	8	SMF6JDVT	JDVTNAME
3684	(E64)	BITSTRING	2	SMF6TUL	SWBTU DATA AREA LENGTH
3686	(E66)	CHARACTER	1	SMF6TU (0)	SWBTU DATA AREA - DATA AREA CAN BE PROCESSED USING SWBTUREQ MACRO
3686	(E66)	BITSTRING	1	SMF6EEND (0)	END OF ENHANCED SYSOUT SECTION
3686	(E66)	BITSTRING	1	SMF6ESIZ (0)	SIZE OF ENHANCED SYSOUT SEC.

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
FILE TRANSFER SECTION					
				End of Comment	
3668	(E54)	BITSTRING	2	SMF6LN6	LENGTH OF FILE TRANSFER SECTION INCLUDING THIS FIELD
3670	(E56)	BITSTRING	4	SMF6BYTE	TOTAL NUMBER OF BYTES SENT
3674	(E5A)	BITSTRING	1	SMF6IP1	1ST SEGMENT OF TARGET ADDRESS
3675	(E5B)	BITSTRING	1	SMF6IP2	2ND SEGMENT OF TARGET ADDRESS
3676	(E5C)	BITSTRING	1	SMF6IP3	3RD SEGMENT OF TARGET ADDRESS
3677	(E5D)	BITSTRING	1	SMF6IP4	4TH SEGMENT OF TARGET ADDRESS
3678	(E5E)	CHARACTER	12		RESERVED
3690	(E6A)	BITSTRING	2	SMF6PQLN	Length of Print Queue Name
3692	(E6C)	CHARACTER	1	SMF6PRTQ (0)	Print Queue Name
3692	(E6C)	BITSTRING	1	SMF6TEND (0)	END OF FILE TRANSFER SECTION
3692	(E6C)	BITSTRING	1	SMF6TSIZ (0)	SIZE OF FILE TRANSFER SECTION
				Comment	
THIS LINE DELETED BY APAR OZ84504					
				End of Comment	
3604	(E14)	BITSTRING	116	WTR06BSP	ALLOCATE SPACE - SMF6 BASE
3720	(E88)	BITSTRING	216	WTR06XSP	ALLOW SPACE FOR SMF6 EXTENTIONS 0371 0371 0371
3936	(F60)	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)	
				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

Name	Hex Offset	Hex Value
ACTIVE_LIMIT	6D8	FFFF
ALLOFF	6D8	8
ALLON	6D8	1
ALWAYS	6D8	F
ARMODOFF	6D8	0
ARMODON	6D8	200
CHARA	6D8	C1
CHARCMMA	6D8	6B
CHARF	6D8	C6
CHARNINE	6D8	F9
CHARZERO	6D8	F0
DSPCMXSZ	6D8	0
EQ	6D8	8
EQUHOBOF	6D8	FFFFFF
EQUHOBON	6D8	0
FF	6D8	FF
GE	6D8	B
GT	6D8	2
IATODWD	0	
IATXOSCI	4C8	
IATXOSCO	4B8	
IATXOSG	4C4	
IATXOSOI	4C0	
IATXOSOO	4B0	
IATXOSP	4B4	
INREAL	6D8	8
INTK_SHARED_SUBPOOL		
	6D8	9
JOB_NUMBER_SHIFT		
	6D8	10
J3AUXTRC	6D8	F018
J3MAXMP	6D8	20
J3NUCTRC	6D8	1E018
J3TRCMAX	6D8	3FF
J3TRCSZ	6D8	21000
LE	6D8	D
LENTHINV	6D8	1
LOCKED	6D8	4
LT	6D8	4
MAXIMUM_COMPATIBLE_JOB		
	6D8	FFFE
MAXIMUM_JOB_NUMBER_ALLOWED		
	6D8	F423F
MAXIMUM_JOB_NUMBER_MASK		
	6D8	FFFF
MAXIMUM_JOBS_IN_DJC_NET		
	6D8	7FFF
MINUS	6D8	4
MIXED	6D8	4
M00M0007	0	280
NALLOFF	6D8	5
NALLON	6D8	C
NE	6D8	7
NMINUS	6D8	B
NOP	6D8	0
NOTIREAL	6D8	7
NOV	6D8	C
NPLUS	6D8	D
NZERO	6D8	7
OV	6D8	1
PAGTBINV	6D8	2
PLUS	6D8	2
SAFEXTSP	6D8	F0
SAFMSGSP	6D8	F0
SECTKNLN	6D8	50
SEGTBINV	6D8	4
SMFCBIE	E4B	1
SMFJ6	E19	6
SMFRCD6	E14	E14
SMF6BID	E77	
SMF6BIN	E80	
SMF6BIN1	E80	80
SMF6BIN2	E80	40
SMF6BIN3	E80	20
SMF6BIN4	E80	10
SMF6BNCT	E15	
SMF6BNLE	E18	
SMF6BNLN	E14	
SMF6BNNO	E14	
SMF6BNOF	E56	
SMF6BNUM	E16	
SMF6BNWI	E1A	
SMF6BTS	E77	80
SMF6BYTE	E56	
SMF6CCE	E70	2
SMF6CHR	E5E	
SMF6CPS	E56	
SMF6CSP	E77	20
SMF6DCI	E56	
SMF6DCRV	E56	80
SMF6DDNM	E8A	
SMF6DEND	EF6	
SMF6DFE	E70	
SMF6DIE	E4B	4
SMF6DPGL	E81	10
SMF6DPLS	E82	10
SMF6DSIZ	EF6	
SMF6DSNM	EAA	
SMF6DTE	E1E	C
SMF6DUPS	E81	80
SMF6DUPT	E81	40
SMF6EEND	E66	
SMF6EFMN	E5A	
SMF6END	E88	
SMF6END2	E72	
SMF6ESIZ	E66	
SMF6ESS1	E51	10
SMF6FCB	E64	
SMF6FDNM	E90	
SMF6FEET	E74	
SMF6FEND	E78	
SMF6FEXT	E51	80
SMF6FLC	E76	
SMF6FLG	E18	0
SMF6FLG3	E82	
SMF6FLI	E72	
SMF6FMDF	E7C	
SMF6FMN	E4D	40404040
SMF6FONT	E58	
SMF6FSIZ	E78	
SMF6FTFR	E51	8
SMF6GRP	E74	
SMF6IGER	E81	1
SMF6IMPS	E70	
SMF6IND	E5A	
SMF6INDC	E57	

Name	Hex Offset	Hex Value
SMF6INT	E56	1
SMF6IOE	E4B	0
SMF6IP1	E5A	
SMF6IP2	E5B	
SMF6IP3	E5C	
SMF6IP4	E5D	
SMF6JBID	E72	
SMF6JBN	E26	40404040
SMF6JDVT	E5C	
SMF6JHPP	E82	40
SMF6JNM	E58	
SMF6JTPP	E82	20
SMF6J2L3	E57	3
SMF6J2L4	E57	4
SMF6J2S	E6C	E70
SMF6J3L3	E57	3
SMF6J3L4	E57	4
SMF6J3S	E70	E70
SMF6LEN	E14	
SMF6LEV2	E57	1
SMF6LEV3	E57	1
SMF6LEV4	E57	5
SMF6LEV6	E57	6
SMF6LFNT	E5C	
SMF6LN1	E54	
SMF6LN2	E54	
SMF6LN3	E54	
SMF6LN4	E54	
SMF6LN5	E54	
SMF6LN6	E54	
SMF6LOLY	E64	
SMF6LPGE	EC8	
SMF6LPSG	E6C	
SMF6LSIZ	E88	
SMF6MID	E6E	
SMF6NDS	E4C	0
SMF6NLR	E47	0
SMF6NSFO	E88	
SMF6NSOL	E84	
SMF6NSPS	E8C	
SMF6OCN	E56	20
SMF6OCNM	EA8	
SMF6OPJ	E77	40
SMF6OPR	E72	
SMF6OR	E56	8
SMF6ORD	E56	10
SMF6OSS	E56	2
SMF6OTOK	EE2	
SMF6OUT	E5C	
SMF6OVLY	E60	
SMF6OWC	E3E	40
SMF6PAD1	E51	0
SMF6PDNM	E98	
SMF6PGDF	E78	
SMF6PGE	E6C	
SMF6PGOP	E81	
SMF6PGSG	E68	
SMF6PQLN	E6A	
SMF6PRMD	EA2	
SMF6PRNM	E82	
SMF6PRTQ	E6C	
SMF6PTDV	EA0	
SMF6RBE	E70	1
SMF6REND	E62	
SMF6RES	E56	

Name	Hex Offset	Hex Value
SMF6REXT	E51	40
SMF6ROR	E56	4
SMF6ROUT	E56	
SMF6RSD	E32	C
SMF6RSIZ	E62	
SMF6RST	E2E	0
SMF6RSV	E5B	
SMF6RSVJ	E7C	
SMF6RSVU	E84	
SMF6RTE	E70	
SMF6RTY	E19	0
SMF6SBS	E52	
SMF6SDS	E56	40
SMF6SECS	E9A	
SMF6SEG	E16	
SMF6SEND	ECC	
SMF6SETU	EA8	
SMF6SEXT	E51	20
SMF6SGID	E56	
SMF6SID	E22	40404040
SMF6SIZ	E88	
SMF6SIZ2	E72	
SMF6SIZ3	E72	
SMF6SJF	E5A	80
SMF6SLIG	E82	80
SMF6SOER	E81	2
SMF6SPGL	E81	4
SMF6SSIZ	ECC	
SMF6STNM	E7A	
SMF6SUCC	E81	8
SMF6SYSA	E81	20
SMF6TEND	E6C	
SMF6TME	E1A	0
SMF6TSIZ	E6C	
SMF6TU	E66	
SMF6TUL	E64	
SMF6UCS	E68	
SMF6UIF	E36	40404040
SMF6UPAS	E82	8
SMF6USID	E92	
SMF6WSD	E43	C
SMF6WST	E3F	0
SPECIAL_JOB_XFFFF		
	6D8	FFFF
TKNMAPLN	6D8	50
UNLIMITED_DSP_COUNT		
	6D8	F423F
UNLIMITED_JOB_COUNT		
	6D8	FFFFFF
UNLIMITED_JOB_COUNT2		
	6D8	FFFF
UNLOCKED	6D8	8
WSPACONS	834	0
WSPAECF	6DC	
WSPARQ	894	
WSPASUP	890	
WSPBCMPL	7BE	8
WSPBDTRQ	6FA	40
WSPBHOLD	7BD	40
WSPBOTH	88A	10
WSPBUFNB	72C	0
WSPCARR	8E0	14
WSPCCNTL	730	40
WSPCDE	7CC	0
WSPCDEST	71F	80

Name	Hex Offset	Hex Value
WSPCHAIN	6D8	
WSPCHNGE	6E3	4
WSPCKJBC	71A	0
WSPCKJBI	794	
WSPCKPRQ	6E3	1
WSPCKPT	6E3	80
WSPCLAS	8E0	20
WSPCLNUP	71F	10
WSPCLSN	8FB	0
WSPCLSRT	7C0	18
WSPCLSS	8FC	40404040
WSPCMPL	6E3	40
WSPCPMOD	8E0	28
WSPCRJOB	814	
WSPCSBT	7BE	40
WSPCTRL1	7BD	10
WSPCTRL2	7BD	8
WSPCVER	81B	1
WSPDEL	6E2	10
WSPDEST	8E0	8
WSPDFDST	71E	20
WSPDFLNE	8F6	40
WSPDM206	8F7	80
WSPDSHLD	7BE	20
WSPDSPTY	8F6	80
WSPDSRST	7BE	10
WSPDSTSK	7BF	20
WSPDUMPT	8FA	80
WSPEND	920	
WSPERCVW	708	
WSPEXTS	88A	80
WSPFAILD	6E3	2
WSPFCBID	808	40404040
WSPFDB	898	0
WSPFDBS	898	
WSPFDBSV	6FC	
WSPFDBT	6E4	0
WSPFFDBV	731	0
WSPFIRRQ	6E2	10
WSPFLAG	6E2	0
WSPFLASH	8E0	24
WSPFLGS	88A	0
WSPFLG1	6E3	0
WSPFLG10	8FA	0
WSPFLG2	8F6	0
WSPFLG3	8F7	0
WSPFLG4	7BD	0
WSPFLG5	7BE	0
WSPFLG6	7BF	0
WSPFLG7	71F	0
WSPFLG8	6FA	0
WSPFLG9	71E	0
WSPFL701	71F	1
WSPFL702	71F	2
WSPFL708	71F	8
WSPFL901	71E	1
WSPFL902	71E	2
WSPFL904	71E	4
WSPFORM	8E0	10
WSPFRSDD	8F8	0
WSPGET	6E2	2
WSPGETRL	8F6	8
WSPGJNAM	8FA	20
WSPGLOB1	7BF	2
WSPGTMND	7BF	80
WSPHWCNT	6E1	0
WSPHWLK	8F7	4
WSPHWWQP	6FA	2
WSPHWWSP	8B4	
WSPIBDCI	81A	1
WSPID	788	40404040
WSPIDENT	81A	
WSPIDJOT	81A	2
WSPIDMJA	81A	3
WSPIIQOS	81A	4
WSPIMOCP	81A	5
WSPIMOOS	81A	6
WSPINTNR	81A	7
WSPINTRS	81A	8
WSPIOSB1	81A	9
WSPIOSB2	81A	A
WSPIOSB3	81A	B
WSPIOSD1	81A	C
WSPIOSD2	81A	D
WSPIOSF1	81A	E
WSPIOSF2	81A	F
WSPIOSSD	81A	10
WSPIOSSO	81A	11
WSPIOSW1	81A	12
WSPIOSW2	81A	13
WSPIP	88A	20
WSPIPURG	81A	14
WSPISIOP	81A	15
WSPJBFND	6FA	4
WSPJDS	6F4	0
WSPJOBCM	7C0	C
WSPJOBID	6DA	6DA
WSPJOBRP	71F	4
WSPLEN	6F2	
WSPLINE	8E0	1C
WSPLTOS	7BD	4
WSPLTSNO	7BE	2
WSPMASK	6E0	0
WSPMLREQ	7BE	4
WSPNDOPT	71E	8
WSPNJE	7BF	4
WSPNJERC	8B0	
WSPNJERD	6FA	10
WSPNJERT	6FA	20
WSPNOSAF	7BF	40
WSPNULL	8E0	0
WSPOCHN	86C	0
WSPOCNT	878	0
WSPOFFST	72E	0
WSPOFST	8F4	0
WSPOKRET	6E2	8
WSPOSA	7C8	0
WSPOSE	8A8	
WSPOSEBN	8A4	0
WSPOSEID	716	D6E2C540
WSPOSELK	6E2	80
WSPOSERD	7C0	0
WSPOSERL	7C0	4
WSPOSEWR	7C0	8
WSPOSPC	6FB	0
WSPOSPND	8F7	2
WSPOSS	8AC	
WSPOSSWB	882	0
WSPOSTJC	6E4	
WSPOSTJI	798	

Name	Hex Offset	Hex Value
WSPOUTBN	8B4	0
WSPPAGE	88C	0
WSPPBSKP	71F	20
WSPPECF	7C1	0
WSPPEND	6E3	8
WSPPENSA	7D0	0
WSPPGREL	8F6	1
WSPPMODE	8E0	30
WSPPOSTD	6E3	20
WSPPRTY	8E0	4
WSPPSCPT	728	0
WSPPSDRT	81C	
WSPPSOSC	7BF	10
WSPPSOTM	80C	0
WSPPTYPF	8F6	20
WSPPTYSV	8F2	0
WSPPUT	6E2	4
WSPQCHG	71E	40
WSPRCAWR	6FB	7
WSPRCCL	6FB	0
WSPRCDAC	6FB	4
WSPRCDAT	6FB	8
WSPRCDMP	6FB	FF
WSPRCERR	7BD	80
WSPRCINV	6FB	6
WSPRCJOB	6FB	1
WSPRCOUT	6FB	5
WSPRCPSO	6FB	2
WSPRCRQ	6FB	3
WSPRECRD	6D8	6D8
WSPREL	6E2	8
WSPRESQ	7C4	
WSPRQACC	6FA	80
WSPRQADR	830	
WSPRQCMP	6E2	1
WSPRQFDB	708	0
WSPRQINV	7BD	1
WSPRQPRM	6FA	8
WSPRQRQD	8F6	10
WSPRQWS	8F7	8
WSPRSTD	8F6	2
WSPRSTG	8F6	4
WSPRSVDV	735	
WSPRSVD2	8B8	
WSPRSVD7	88B	0
WSPRSVD8	828	0
WSPRSVD9	818	
WSPRSVFX	8F3	0
WSPRSVS3	840	0
WSPRSVS4	79C	0
WSPRSVU1	838	0
WSPRSVU2	858	0
WSPRSV01	71C	
WSPRTNIN	7C0	0
WSPRTN20	7C0	14
WSPSADUM	7BE	1
WSPSAFFL	6E3	1
WSPSAPEN	7BE	80
WSPSAPRO	7BD	20
WSPSAVE	724	0
WSPSAVEA	7E0	0
WSPSAVE2	7D8	0
WSPSAVE3	7DC	0
WSPSAVE4	820	
WSPSCHED	6E2	1

Name	Hex Offset	Hex Value
WSPSDWAD	824	0
WSPSECPT	720	0
WSPSELC	8F0	10
WSPSELD	8C0	0
WSPSELM	8E0	0
WSPSELMX	8E0	30
WSPSELT	8D0	0
WSPSIZE	920	
WSPSKJOB	7BF	8
WSPSOTBN	88A	40
WSPSRCHP	71E	10
WSPSSREQ	6E2	40
WSPSTA	7D4	0
WSPSTACK	8E0	2C
WSPSTART	6D8	
WSPSTRTD	6E3	10
WSPSWBID	888	
WSPSWTR	8F7	10
WSPSYSRQ	6E2	20
WSPTEEND	840	840
WSPTEEND_V0	838	840
WSPTEJBC	6D8	0
WSPTEJBI	790	
WSPTESIZ	840	168
WSPTESIZ_V0	838	168
WSPTESSO	840	
WSPTESSO_V0	840	
WSPTEUID	6DA	
WSPTOKEN	738	
WSPTPID	87A	40404040
WSPTSO	6E3	8
WSPTYPE	8E0	C
WSPUCS	8E0	18
WSPUCSID	804	40404040
WSPUNSCH	71F	40
WSPURSTA	7BD	2
WSPUSRID	7BF	1
WSPVER	81B	
WSPVER01	81B	1
WSPWOSP	8F7	20
WSPWOSW	8F7	40
WSPWSTME	850	0
WSPWTRSC	7C0	10
WSPWTSCH	8F7	1
WSPXJMR	71E	80
WSPYOSPC	78C	
WSP10R01	8FA	1
WSP10R02	8FA	2
WSP10R04	8FA	4
WSP10R08	8FA	8
WSP10R10	8FA	10
WSP206IS	8FA	40
WSP8RSV3	6FA	1
WTRCIMPL	F0	40404040
WTRCRDS	4A8	0
WTRDAREA	4D0	
WTRDATE	468	0
WTRDCCDB	2C	
WTRDCDEP	4CC	
WTRDCFLG	EA	0
WTRDCLR	4BC	
WTRDCMDQ	618	80
WTRDCRVS	EA	80
WTRDCTAD	528	
WTRDCTPG	610	0

Name	Hex Offset	Hex Value
WTRDCUPG	60C	0
WTRDDCDB	8C	
WTRDDIAG	50C	
WTRDDSER	510	
WTRDDSN	5B4	40404040
WTRDDSNF	105	
WTRDDSNL	104	
WTRDECFE	A6C	FFFFFFFF
WTRDECFL	A5C	0
WTRDECF1	A5C	0
WTRDECF2	A64	0
WTRDFAIL	494	
WTRDFDJN	518	
WTRDFLGI	48B	0
WTRDFLGO	44C	0
WTRDFSA	53E	0
WTRDFSID	53C	
WTRDFSS	53C	0
WTRDIARE	4E0	
WTRDICDE	4DC	
WTRDIDDN	478	40404040
WTRDIDEV	488	404040
WTRDIMOD	487	0
WTRDINAM	4E4	40404040
WTRDINTS	4A0	
WTRDINTV	EC	40
WTRDINVO	102	80
WTRDISTY	483	40404040
WTRDITYP	480	404040
WTRDJDST	61F	40
WTRDJFLG	61F	70
WTRDJFLS	61F	20
WTRDJFRM	61F	10
WTRDJID	5D4	40404040
WTRDJNAM	5CC	40404040
WTRDLDCM	102	20
WTRDLDST	102	10
WTRDLFCB	102	1
WTRDLFLS	102	8
WTRDLFRM	102	4
WTRDLGCR	530	
WTRDLMRC	102	80
WTRDLMSG	102	40
WTRDLOCN	621	10
WTRDLUCS	102	2
WTRDMDDS	504	
WTRDMDD2	508	
WTRDMGAC	524	1
WTRDMGNA	524	0
WTRDMPRQ	670	B
WTRDMSAV	619	0
WTRDMSG	230	
WTRDMSGF	EC	0
WTRDMSGI	2C4	0
WTRDMSGO	3B0	40404040
WTRDMSGP	EC	80
WTRDMSGR	524	
WTRDMSK1	A63	0
WTRDMSK2	A6B	0
WTRDM731	ED	0
WTRDNAME	4F8	
WTRDODDN	428	40404040
WTRDODEV	438	40404040
WTRDODV3	438	439
WTRDOFLG	618	1
WTRDOMOD	437	0
WTRDONAM	4D4	40404040
WTRDOSTY	433	40404040
WTRDOTOK	18F	F0404040
WTRDOTYP	430	404040
WTRDPFLG	102	0
WTRDPGCT	4AC	0
WTRDPPSR	520	
WTRDPSTF	618	0
WTRDQMSG	4F4	
WTRDQRTN	0	4
WTRDRCDS	4A4	0
WTRDRCER	618	4
WTRDRFOR	4F0	
WTRDRLJN	51C	
WTRDRRTN	0	8
WTRDRSQ	5DC	
WTRDRSVD	E04	0
WTRDRSV0	616	0
WTRDRSV1	654	0
WTRDRSV2	65C	0
WTRDRSV3	670	0
WTRDRSV5	49C	0
WTRDRTOK	1DF	F0404040
WTRDSADD	618	8
WTRDSECA	24	
WTRDSNAM	514	
WTRDSPRT	618	40
WTRDSTQ1	670	14
WTRDSTQ2	670	15
WTRDSTQ3	670	16
WTRDSTQ4	670	17
WTRDSTUP	4FC	
WTRDSUPI	498	
WTRDSUPO	474	
WTRDTMEX	EC	20
WTRDTMOT	618	2
WTRDTYPE	430	
WTRDUDST	61F	4
WTRDUFLG	61F	7
WTRDUFLS	61F	2
WTRDUFRM	61F	1
WTRDWAIT	500	
WTRDWSTM	624	0
WTRDXCDB	280	
WTRDXCDB_KEYUSED_CMDIND	2A7	80
WTRDXCDB_XABEND	289	
WTRDXCDB_XABEND_NO	289	40
WTRDXCDB_XABEND_YES	289	80
WTRDXCDB_XCART	2AC	
WTRDXCDB_XCMDIND_NO	2A6	40
WTRDXCDB_XCMDIND_YES	2A6	80
WTRDXCDB_XCNDB	28C	
WTRDXCDB_XCONSID	29C	
WTRDXCDB_XCONSNM	298	

Name	Hex Offset	Hex Value
WTRDXCDB_XEYECATCH		
	281	
WTRDXCDB_XFLAG1		
	287	
WTRDXCDB_XFLAG2		
	2A6	
WTRDXCDB_XINCNDB		
	294	
WTRDXCDB_XKEYS		
	2A7	
WTRDXCDB_XOPERATION_EXTRACTCART		
	0	10
WTRDXCDB_XOPERATION_EXTRACTCONSID		
	287	100
WTRDXCDB_XOPERATION_EXTRACTCONSNAME		
	287	80
WTRDXCDB_XOPERATION_EXTRACTCONSTYPE		
	0	40
WTRDXCDB_XOPERATION_EXTRACTROUT		
	0	20
WTRDXCDB_XOPERATION_INITIALIZE		
	287	8000
WTRDXCDB_XOPERATION_RESET		
	287	1000
WTRDXCDB_XOPERATION_TRANSCONSID		
	287	400
WTRDXCDB_XOPERATION_TRANSFER		
	287	4000
WTRDXCDB_XOPERATION_TRANSROUT		
	287	200
WTRDXCDB_XOPERATION_UPDATE		
	287	2000
WTRDXCDB_XOPERATION_VERIFY		
	287	800
WTRDXCDB_XOUTCART		
	2BC	
WTRDXCDB_XOUTCNDB		
	290	
WTRDXCDB_XOUTCONSID		
	2A0	
WTRDXCDB_XOUTCONSNAME		
	2B0	
WTRDXCDB_XOUTCONSTYPE		
	2B4	
WTRDXCDB_XOUTROUT		
	2B8	
WTRDXCDB_XROUT		
	2A8	
WTRDXCDB_XRSV001		
	28B	
WTRDXCDB_XRSV002		
	2A4	
WTRDXCDB_XUSERADDR		
	28A	
WTRDXCDB_XVERSION		
	280	
WTRDXCDBL	2BC	40
WTRDYNAM	5E0	C4E8D5C1
WTRENFDS	48B	40
WTRENTNM	131	
WTRFBUSY	D77	20
WTRFCKAL	621	20
WTRFCLPI	621	4
WTRFCLR	5B3	4
WTRFCPER	4BC	4BC
WTRFCPIP	621	2
WTRFDCPI	5B3	80
WTRFDOSU	5B3	1
WTRFDRET	5B2	8
WTRFDSAD	5E8	
WTRFDSUP	5B2	4
WTRFDUMP	5B1	2
WTRFDVRS	5B2	1
WTRFENQ	184	
WTRFENQW	670	1B
WTRFFAIL	5B3	2
WTRFFIT	621	80
WTRFFLGA	623	0
WTRFFLG1	5B0	0
WTRFFLG2	5B1	0
WTRFFLG3	5B2	0
WTRFFLG4	5B3	0
WTRFFLG5	61E	0
WTRFFLG6	61F	0
WTRFFLG7	620	0
WTRFFLG8	621	0
WTRFFLG9	622	0
WTRFFRIP	61E	10
WTRFFSA	5B0	20
WTRFFSAA	5B0	8
WTRFFSRC	5B1	20
WTRFFSS	5B0	40
WTRFFSSA	5B0	10
WTRFGDEP	4DC	
WTRFGDRN	564	0
WTRFGDSF	670	E
WTRFGRCM	620	40
WTRFGTRL	5B2	80
WTRFINEP	4D4	
WTRFINZ0	621	40
WTRFISET	5B1	40
WTRFIWTO	621	8
WTRFJMRA	650	0
WTRFJNDS	5B3	10
WTRFJNNX	5B3	8
WTRFJNWS	9D8	
WTRFJOSL	61E	8
WTRFJTRL	5B3	20
WTRFMANU	620	80
WTRFMFSS	5B0	80
WTRFMID	548	40404040
WTRFMPAD	558	
WTRFMPDL	5B1	80
WTRFMPER	5B0	2
WTRFNCKP	5B0	1
WTRFNDMP	622	4
WTRFNEWS	623	40
WTRFOSDP	621	1
WTRFPDQC	5F4	
WTRFPDQF	5EC	
WTRFPDQL	5F0	
WTRFPDQS	5FC	
WTRFPORQ	5B1	4
WTRFPRIM	620	10
WTRFPURC	940	0
WTRFQREQ	61E	2
WTRFQUET	622	40
WTRFRCFM	565	0
WTRFRCUR	5B1	1
WTRFRDEP	4E0	

Name	Hex Offset	Hex Value
WTRFRECL	566	0
WTRFRESP	5B0	4
WTRFRSCD	5B3	40
WTRFRSTR	61E	80
WTRFRSVD	580	
WTRFRSVS	58C	
WTRFRSVU	59C	
WTRFRSVX	5F8	
WTRFRSV1	4CC	
WTRFRVA1	623	20
WTRFRVA2	623	10
WTRFRVA3	623	8
WTRFRVA4	623	4
WTRFRVA5	623	2
WTRFRVA6	623	1
WTRFSAAC	670	1
WTRFSAAD	554	
WTRFSABN	620	4
WTRFSAFL	52C	
WTRFSARS	5B2	2
WTRFSASA	670	5
WTRFSATM	620	8
WTRFSDDN	61E	1
WTRFSEET	622	80
WTRFSETE	4D0	
WTRFSMSG	5B2	10
WTRFSNUM	670	13
WTRFSRS	61E	4
WTRFSSAD	550	
WTRFSSNM	540	40404040
WTRFSSSA	670	4
WTRFSTAR	55C	0
WTRFSTAT	EC	1
WTRFSTRS	61E	40
WTRFSVAL	5B2	20
WTRFSV10	560	0
WTRFSWRK	57C	
WTRFSYET	622	20
WTRFSYWM	578	
WTRFSYWT	61E	20
WTRFTEEP	4E4	
WTRFTREQ	5B2	40
WTRFUIR	5B1	10
WTRFUX45	62C	0
WTRFVOFF	620	20
WTRFWOSU	61B	0
WTRFWUAL	622	1
WTRF0FDB	623	80
WTRF3MSG	588	
WTRGDSST	670	12
WTRIA	D66	80
WTRIADR1	A3C	0
WTRIADR2	A44	0
WTRIBEQ	D68	80
WTRIC	D66	40
WTRICALL	D6E	10
WTRICBEQ	D68	40
WTRICCWB	D74	10
WTRICEQ	D6C	8
WTRICFLC	D38	
WTRICHEQ	D68	20
WTRICHNG	D72	8
WTRICKEQ	D6A	1
WTRICKIV	9D4	0
WTRICKPG	620	2
WTRICKPT	A14	0
WTRICKSC	620	1
WTRICLSP	D42	40404040
WTRICMEQ	D68	10
WTRICNCL	D6E	20
WTRICNTP	D41	
WTRICNTR	D36	
WTRICOPY	D2B	
WTRICPEQ	D68	8
WTRICPMI	D72	1
WTRICPPL	D72	2
WTRICPYC	D37	
WTRICPYE	D2E	0
WTRICPYN	D36	
WTRICPYS	D2C	
WTRICPYT	A96	0
WTRICTEQ	D68	4
WTRICTKN	958	0
WTRICURR	614	0
WTRID	D66	20
WTRIDBPM	A38	
WTRIDEQ	D68	2
WTRIDL	D76	18
WTRIDLE	D72	10
WTRIDLES	188	0
WTRIDOFD	CE2	
WTRIDS	D73	20
WTRIDSBG	D71	80
WTRIDSC	D76	2C
WTRIDSD	D76	28
WTRIDSDN	D71	40
WTRIDSLD	D71	10
WTRIDSO	D76	10
WTRIDSOP	D73	4
WTRIDSR	D76	14
WTRIDSS	D6E	2
WTRIEND	D72	80
WTRIEP	D76	1C
WTRIERIN	D70	4
WTRIFDBI	920	0
WTRIFDBS	D04	0
WTRIFEQ	D68	1
WTRIFFDB	D04	
WTRIFLCN	D2D	
WTRIFLEQ	D69	80
WTRIFLG1	D6F	0
WTRIFLG2	D70	0
WTRIFLG3	D71	0
WTRIFLG4	D72	0
WTRIFLG5	D73	0
WTRIFLG6	D74	0
WTRIFLG7	D77	0
WTRIFLG8	D75	0
WTRIG	D66	10
WTRIGNO	D76	30
WTRIHEQ	D69	40
WTRIHLD	D67	8
WTRIHOT	D72	40
WTRIHRSN	CDF	0
WTRIHTYP	CDE	0
WTRIINL	D74	2
WTRIJ	D66	8
WTRIJDSH	D74	80
WTRIJDSP	A30	
WTRIJEQ	D69	20

Name	Hex Offset	Hex Value
WTRIJMRD	D80	
WTRIJMRQ	D84	
WTRIJOB	D73	40
WTRIJOBS	D6E	4
WTRIJS	D76	0
WTRIKDSI	D74	40
WTRIKPJS	D71	1
WTRIL	D66	4
WTRILEN1	A38	0
WTRILEN2	A40	0
WTRILEQ	D69	10
WTRILNCT	A54	0
WTRILPOS	A98	0
WTRIM	D66	2
WTRIMANM	D73	10
WTRIMFLA	D66	
WTRIMFLB	D68	
WTRIMFLP	D6E	0
WTRIMFLS	D66	
WTRIMFL1	D66	0
WTRIMFL2	D67	0
WTRIMFL3	D68	0
WTRIMFL4	D69	0
WTRIMFL5	D6A	0
WTRIMFL6	D6B	0
WTRIMFL7	D6C	0
WTRIMFL8	D6D	0
WTRIMNT	D6E	1
WTRIMPM1	D66	5D
WTRIMPM2	D67	7F
WTRIMPM3	D68	FF
WTRIMPM4	D69	FF
WTRIMPM5	D6A	FB
WTRIMPM6	D6B	FF
WTRIMPM7	D6C	FF
WTRIMPM8	D6D	FF
WTRIM201	D67	1
WTRIM202	D67	2
WTRIM701	D6C	1
WTRIM702	D6C	2
WTRIM704	D6C	4
WTRIN	D66	1
WTRINAV	D2A	40
WTRINDSR	D72	4
WTRINDX	D76	0
WTRINEGV	D70	2
WTRINLCN	A92	0
WTRINNPR	D70	20
WTRINON	94E	0
WTRINONE	D73	8
WTRINOTS	A10	
WTRINOT1	9E0	0
WTRINOT2	9F8	0
WTRINPRO	9D0	0
WTRINTCN	A94	0
WTRINVEQ	D69	8
WTRIOPNS	D75	80
WTRIOS	D70	80
WTRIOSE	A9C	
WTRIOSEN	D75	40
WTRIOSL	D74	4
WTRIOSSZ	BFC	240
WTRIOTEQ	D69	4
WTRIP	D67	80
WTRIPAGE	D71	20
WTRIPAGF	D74	8
WTRIPAGS	A4C	0
WTRIPARM	A34	0
WTRIPFOK	D70	1
WTRIPFOR	9DC	0
WTRIPGEQ	D6A	2
WTRIPMEQ	D6A	8
WTRIPO	D76	24
WTRIPOFF	94C	0
WTRIPRAG	D74	20
WTRIPT	D76	20
WTRIPTK1	940	0
WTRIPTK2	946	0
WTRIPTRA	940	0
WTRIR	D67	40
WTRIRCD	D67	4
WTRIRCDS	A48	0
WTRIRCUR	EC	10
WTRIREOF	D70	10
WTRIREPO	DA0	0
WTRIREQ	D69	2
WTRIREST	CDC	0
WTRIRJPE	D71	2
WTRIRM	D76	C
WTRIROEQ	D6A	4
WTRIRPOS	A50	0
WTRIRQAD	A2C	
WTRIRSCD	D71	4
WTRIRSCH	D72	20
WTRIRSFL	D78	0
WTRIRSTR	D6E	40
WTRIRSTX	9A8	40404040
WTRIRSVD	9D6	0
WTRIRSV1	9C0	0
WTRIRSV2	D88	0
WTRIRSV4	DA4	0
WTRIS	D67	20
WTRISELP	D39	0
WTRISET	CDD	0
WTRISLEN	A58	0
WTRISMFL	D77	40
WTRISMFT	D77	80
WTRISREQ	D73	80
WTRISTAR	618	10
WTRISTEQ	D69	1
WTRISTER	D70	8
WTRISTRT	D6E	80
WTRISTUP	D70	40
WTRISU	D76	4
WTRISYND	D6E	8
WTRISYS	6D8	
WTRISYSE	DAC	
WTRISZEQ	D6A	80
WTRIT	D67	10
WTRITLC	D76	34
WTRITRNC	D71	8
WTRIUEQ	D6A	10
WTRIVLOR	D73	1
WTRIVO	D76	8
WTRIWCEQ	D6A	40
WTRIWFIT	670	F
WTRIWMSG	D73	2
WTRIWORK	D20	40404040
WTRIWRK	D04	D04
WTRIWRKM	D04	D04

IATYWTR1 Cross Reference

Name	Hex Offset	Hex Value
WTRIWSC	D6B	8
WTRIWSCL	D6B	1
WTRIWSCM	D6C	40
WTRIWSD	D6B	40
WTRIWSEQ	D6A	20
WTRIWSF	D6B	10
WTRIWSFL	D6C	80
WTRIWSL	D6B	2
WTRIWSP	D6B	80
WTRIWSPM	D6C	10
WTRIWSST	D6C	20
WTRIWST	D6B	20
WTRIWSU	D6B	4
WTRIZLEN	DAC	
WTRI7030	618	20
WTRI7072	D74	1
WTRJPDV	EC	4
WTRJTRNX	622	8
WTRLNTRN	EC	2
WTRLOGID	D98	40404040
WTRLOGNM	D90	40404040
WTRMPEPT	4EC	
WTRNOACT	622	10
WTRNOSPN	61A	0
WTRNSTAR	670	1C
WTRNZIOR	670	10
WTROCDEP	538	
WTROCHOR	EC	8
WTROCLOS	44C	40
WTROCONS	44C	8
WTRODS	44C	4
WTROLBL	44C	10
WTROLGSL	166	
WTROLGST	167	
WTROLIST	44C	1
WTRONNP	44C	1
WTROPPQF	600	
WTROPPQL	608	
WTROPPQN	604	
WTROREAL	44C	20
WTROREG	44C	2
WTRORJCT	44C	80
WTROSEAR	9BC	
WTROTRUN	44C	20
WTROVOL	44C	8
WTROVSTP	670	1D
WTROWTRX	534	
WTRPDIRN	6A6	8
WTRPDQER	670	2
WTRPRD14	A60	0
WTRPREG2	A7C	
WTRPRL14	A68	0
WTRPSAV1	A80	
WTRPSAV2	A84	
WTRPSAV3	A88	
WTRPSAV4	A8C	
WTRPSM14	A5C	0
WTRPSSCA	180	
WTRPSV14	A6C	0
WTRPWSPA	1000	
WTRPWTRC	A90	
WTRPWT14	A64	0
WTRP0FDB	670	1A
WTRQURYF	670	11
WTRRSVDB	CE0	
WTRRSVD0	EB	0
WTRRSVD1	492	0
WTRRSVD6	568	
WTRRSVD8	18C	
WTRRSVD9	44D	
WTRRSVS0	EE	0
WTRRSVS1	2C0	0
WTRRSVS2	22F	0
WTRSAFOK	103	40
WTRSCFLG	103	0
WTRSCGMN	103	80
WTRSCHFL	684	684
WTRSCHKT	6A7	10
WTRSCHLN	684	686
WTRSCHPG	684	685
WTRSCHSZ	684	0
WTRSCOPY	6A4	0
WTRSCTAB	69C	0
WTRSDSOP	6A8	8
WTRSECPT	28	
WTRSETDV	670	D
WTRSFCBO	694	40404040
WTRSFLG1	6A6	0
WTRSFLG2	6A7	0
WTRSFLG3	6A8	0
WTRSFMH2	6A6	80
WTRSFOCO	6A7	20
WTRSFRMS	688	40404040
WTRSLDEN	6A8	20
WTRSMSGM	6A8	80
WTRSNREC	674	0
WTRSNXDS	6A7	80
WTRSPAN	61A	80
WTRSPDEV	670	A
WTRSPERR	6A6	20
WTRSPFCB	6A8	40
WTRSPFIR	61A	C0
WTRSPFLG	61A	0
WTRSPFSA	670	8
WTRSPFSS	670	6
WTRSPLST	61A	A0
WTRSPNTH	61A	80
WTRSPPAD	598	
WTRSRECN	6C0	0
WTRSRERR	6A6	10
WTRSRLN	61C	0
WTRSRSRT	6A7	40
WTRSRSVD	6A5	0
WTRSRSV1	6AC	0
WTRSRSV2	6C4	0
WTRSRSV3	6D4	0
WTRSSDEV	6A7	2
WTRSSEND	6A6	40
WTRSSUSP	6A8	10
WTRSTACC	48B	80
WTRSTART	0	
WTRSTDEV	670	9
WTRSTFSA	670	7
WTRSTRT2	1000	
WTRSUCSO	690	40404040
WTRSWBF	450	0
WTRSWBN	45C	0
WTRSWBP	458	0
WTRSWBSZ	45E	0
WTRSYNDV	670	C

Name	Hex Offset	Hex Value
WTRTIME	460	40404040
WTRTUSID	46C	40404040
WTRT7008	F8	C4E240C9
WTRWOSER	48B	20
WTRWPRSQ	D7C	0
WTRWSPAA	DA8	
WTRWSPUP	622	2
WTRXCPDS	570	
WTRXFSER	670	3
WTRXLMSD	574	
WTRXOSEN	43C	
WTR06BSP	E14	
WTR06TOT	F60	
WTR06XSP	E88	
ZERO	6D8	8
ZEROS	6D8	8

IATYWTR2 Programming Interface information

Programming Interface information

IATYWTR2

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

- IATXOSCI
- IATXOSCO
- IATXOSG
- IATXOSOI
- IATXOSOO
- IATXOSP
- WTRDCLR
- WTRDCTAD
- WTRDDIAG
- WTRDDSER
- WTRDFAIL
- WTRDFDJN
- WTRDLGCR
- WTRDMDDS
- WTRDMDD2
- WTRDMSAV
- WTRDMSGR
- WTRDNAME
- WTRDPPSR
- WTRDQMSG
- WTRDRFOR
- WTRDRLJN
- WTRDSNAM
- WTRDSTUP
- WTRDWAIT
- WTRFCPER
- WTRFGDEP
- WTRFINEP
- WTRFPDQC
- WTRFPDQF
- WTRFPDQL
- WTRFPDQS
- WTRFRDEP
- WTRFSAFL
- WTRFSETE
- WTRFSV10
- WTRFTEEP
- WTRIFDBI
- WTRIFLG1
- WTRIPTK1
- WTRIPTK2
- WTRIRCDS
- WTRISLEN
- WTRMPEPT
- WTROCDEP
- WTROPPQF
- WTROPPQL
- WTROPPQN
- WTROWTRX
- WTRPRD14
- WTRPREG2
- WTRPRL14
- WTRPSAV1
- WTRPSAV2
- WTRPSAV3
- WTRPSAV4
- WTRPSM14
- WTRPSSCA
- WTRPSV14
- WTRPWT14
- WTRSNREC
- WTRSRECN
- WTRWPRSQ

End of Programming Interface information

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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)
WTRODIEF & 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:
  $RJ=OS240 HJS6604 960522 PD0DR: OS 2.4.0
```

End of Comment

0	(0)	CHARACTER	8	MODULE NAME
8	(8)	CHARACTER	8	RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8	DATE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM

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

Dec	Hex	Type/Value	Len	Name (Dim)	Description
36	(24)	ADDRESS	4	WTRDSECA	SECURITY DATA PARM LIST FOR IATXSEC SECURITY MACRO
40	(28)	SIGNED	4	WTRSECPT	IATYSEC PTR FOR WTRPWSPA

Comment

```
TRDCCDB IATYCNDB DSECT=NO CALLING CONSOLE INFORMATION
  IATYCNDB_1:;
  START OF SPECIFICATIONS
 01 PROPRIETARY STATEMENT=
   PROPRIETARY_STATEMENT
   LICENSED MATERIALS - PROPERTY OF IBM
   THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
   5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
   STATUS= HJS6604
   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 Distribution Library: AJES3MAC
  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
      CASE/390 - VERSION 49
   END OF SPECIFICATIONS
%
```

End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
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
    THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
    5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
    STATUS= HJS6604
    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 Distribution Library: AJES3MAC
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
    CASE/390 - VERSION 49
 END OF SPECIFICATIONS
%
```

End of Comment

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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
234	(EA)	BITSTRING	1	WTRDCFLG	OUTPUT SERVICE WRITER FLAG
		1...		WTRDCRVS	"X'80'" Reserved for service

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		WTRDLDST	"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/CTAPE 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

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

				FULL DATA SET NAME AND SAF ENTITY NAME	

				End of Comment	
260	(104)	BITSTRING	1	WTRDDSNL	LENGTH OF WTRDDSNF
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	WTRDRTOK	DATA SET SECURITY TOKEN 0094
559	(22F)	BITSTRING	1	WTRRSVS2	Reserved for Service
				Comment	
				WTRDMSG MESSAGE TEXT=WTRDMSGO,MF=L	
				$RX=OS280 HJS6608 981217 PD0DR: OS 2.8.0	
				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		Flags and Priority
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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
641	(281)	CHARACTER	6	WTRDXCDB_XEYECATCH	++ CONSTANT XEYECATCH
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
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 KEYWOR
		.1..		WTRDXCDB_XOPERATION_EXTRACTCONSTYPE	"B'0000000001000000'" ++ XOPERATION.EXTRACTCONSTYPE KEYWOR
		..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 XUSERADDR
651	(28B)	CHARACTER	1	WTRDXCDB_XRSV001	++ RESERVED XRSV001
652	(28C)	ADDRESS	4	WTRDXCDB_XCNDB	++ XCNDB
656	(290)	ADDRESS	4	WTRDXCDB_XOUTCNDB	++ XOUTCNDB
660	(294)	ADDRESS	4	WTRDXCDB_XINCNDB	++ XINCNDB
664	(298)	ADDRESS	4	WTRDXCDB_XCONSNM	++ XCONSNM
668	(29C)	ADDRESS	4	WTRDXCDB_XCONSID	++ XCONSID
672	(2A0)	ADDRESS	4	WTRDXCDB_XOUTCONSID	++ XOUTCONSID
676	(2A4)	CHARACTER	2	WTRDXCDB_XRSV002	++ RESERVED XRSV002
678	(2A6)	BITSTRING	1	WTRDXCDB_XFLAG2	++ FIELD_LABEL
		1...		WTRDXCDB_XCMDIND_YES	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
					"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	
					++ XROUT
684	(2AC)	ADDRESS	4	WTRDXCDB_XCART	
					++ XCART
688	(2B0)	ADDRESS	4	WTRDXCDB_XOUTCONSNAME	
					++ XOUTCONSNAME
692	(2B4)	ADDRESS	4	WTRDXCDB_XOUTCONSTYPE	
					++ XOUTCONSTYPE
696	(2B8)	ADDRESS	4	WTRDXCDB_XOUTROUT	
					++ XOUTROUT
700	(2BC)	ADDRESS	4	WTRDXCDB_XOUTCART	
					++ 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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					$RX = OS280 HJS6608 990205 PD0DR: OS 2.8.0 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)	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.		WTROTRUN	"X'20'" TRUNC=YES ON IATXOSP
		...1		WTROLBL	"X'10'" SETUP CALL
		.... 1...		WTROVOL	"X'08'" GENERATE VOL LABEL
1100	(44C)	X'8'	0	WTROCONS	"WTROVOL" SUSPEND FOR CONSOLE OUT
		.... .1..		WTRODS	"X'04'" GENERATE DS LABEL
		.... ..1.		WTROREG	"X'02'" PARMS ARE IN REG
		1		WTRONNP	"X'01'" NEWPAGE=NO ON IATXOSOO
		1		WTROLIST	"X'01'" PARMS ARE IN LIST (IATXOSP)
1101	(44D)	BITSTRING	3	WTRRSVD9	RESERVED FOR DEVELOPMENT
1104	(450)	BITSTRING	6	WTRSWBF	M.R FOR SWB IN STG- WTRSWBP
1112	(458)	SIGNED	4	WTRSWBP	ADDRESS OF SWB POINTER LIST D015 FOR SMF6 MAPPED BY IEFSJTRP D015
1116	(45C)	SIGNED	2	WTRSWBN	NUMBER OF SWB POINTERS IN D015 WTRSWBP LIST D015
1118	(45E)	SIGNED	2	WTRSWBSZ	TOTAL SIZE OF SWBTU POINTED D015 TO BY WTRSWBP LIST D015
1120	(460)	CHARACTER	8	WTRTIME	PRINTER START TIME IN EBCDIC
1128	(468)	SIGNED	4	WTRDATE	PRINTER START DATE IN JULIAN
1132	(46C)	CHARACTER	8	WTRTUSID	TSO USERID
1140	(474)	ADDRESS	4	WTRDSUPO	OUTPUT SUPUNITS ADDRESS
1144	(478)	CHARACTER	8	WTRDIDDN	INPUT COMPONENT DDNAME
1152	(480)	CHARACTER	3	WTRDITYP	INPUT COMPONENT GTYPE
1155	(483)	CHARACTER	4	WTRDISTY	INPUT COMPONENT STYPE
1159	(487)	BITSTRING	1	WTRDIMOD	INPUT COMPONENT MODEL
1160	(488)	CHARACTER	3	WTRDIDEV	INPUT DEVICE ADDRESS
1163	(48B)	BITSTRING	1	WTRDFLGI	INPUT COMPONENT FLAG BYTE
					Comment
					---------- DEFINITION OF WTRDFLGI ----------
					End of Comment
		1...		WTRSTACC	"X'80'" IATXOSG CALLER ACCEPTS STREAM MODE/SPANNED RECORDS TWO BUFFERS
		.1..		WTRENFDS	"X'40'" Issue ENF signal for non-FSS writer data set selection
		..1.		WTRWOSER	"X'20'" Need to release WOSE
1170	(492)	SIGNED	2	WTRRSVD1	RESERVED FOR DEVELOPMENT
1172	(494)	ADDRESS	4	WTRDFAIL	DUMP/RETURN ROUTINE ADDRESS

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1176	(498)	ADDRESS	4	WTRDSUPI	INPUT SUPUNITS ADDRESS
1180	(49C)	SIGNED	4	WTRDRSV5	RESERVED FOR SERVICE
1184	(4A0)	ADDRESS	4	WTRDINTS	INTERVENTION REQ. SUPUNITS
1188	(4A4)	SIGNED	4	WTRDRCDS	OUTPUT RECORD COUNT
1192	(4A8)	SIGNED	4	WTRCRDS	OUTPUT RECD CONT FOR INQUIRY
1196	(4AC)	SIGNED	4	WTRDPGCT	OUTPUT PAGE COUNT
1200	(4B0)	ADDRESS	4	IATXOSOO	OUTPUT COMPONENT OPEN ADDR.
1204	(4B4)	ADDRESS	4	IATXOSP	OUTPUT COMPONENT PUT ADDR.
1208	(4B8)	ADDRESS	4	IATXOSCO	OUTPUT COMPONENT CLOSE ADDR.
1212	(4BC)	ADDRESS	4	WTRDCLR	OUTPUT BUFFER-CLEARING RTN.
1212	(4BC)	X'4BC'	0	WTRFCPER	"WTRDCLR" FSS WTR CHKPOINT ERROR RTN.
1216	(4C0)	ADDRESS	4	IATXOSOI	INPUT COMPONENT OPEN ADDR.
1220	(4C4)	ADDRESS	4	IATXOSG	INPUT COMPONENT GET ADDR.
1224	(4C8)	ADDRESS	4	IATXOSCI	INPUT COMPONENT CLOSE ADDR.
1228	(4CC)	ADDRESS	4	WTRDCDEP	OUTPUT COMPONENT CDE
1232	(4D0)	ADDRESS	4	WTRDAREA	OUTPUT COMPONENT AREA
1236	(4D4)	CHARACTER	8	WTRDONAM	OUTPUT COMPONENT MODULE NAM
1228	(4CC)	ADDRESS	4	WTRFRSV1	RESERVED FOR FSS DEVELOPMNT
1232	(4D0)	ADDRESS	4	WTRFSETE	IATOSFD MSG RTN FOR DEVICE FAILURE WITH ETE BIT SET ADDRESS (LABEL: OFDFE000)
1236	(4D4)	ADDRESS	4	WTRFINEP	FSS WTR INIT ENTRY POINT
1244	(4DC)	ADDRESS	4	WTRDICDE	INPUT COMPONENT CDE ADDR.
1248	(4E0)	ADDRESS	4	WTRDIARE	INPUT COMPONENT AREA
1252	(4E4)	CHARACTER	8	WTRDINAM	INPUT COMPONENT NAME
1244	(4DC)	ADDRESS	4	WTRFGDEP	FSS WTR GETDS ENTRY POINT
1248	(4E0)	ADDRESS	4	WTRFRDEP	FSS WTR RELDS ENTRY POINT
1252	(4E4)	ADDRESS	4	WTRFTEEP	FSS WTR TERM ENTRY POINT
1260	(4EC)	ADDRESS	4	WTRMPEPT	IATOSMP MODULE ENTRY POINT
1264	(4F0)	ADDRESS	4	WTRDRFOR	IATOSMP FCB MAPPING ROUTINE ADDRESS (LABEL: OSMPRFOR)
1268	(4F4)	ADDRESS	4	WTRDQMSG	IATOSFD DEQUE ACTIVE MSG RTN#587 ADDRESS (LABEL: OFDDQMSG) #587
1272	(4F8)	ADDRESS	4	WTRDNAME	IATOSWC DDNAME RETRVAL RTN ADDRESS (LABEL: OSDPOINT)
1276	(4FC)	ADDRESS	4	WTRDSTUP	IATOSWC SETUP CHECK ROUTINE ADDRESS (LABEL: OSWCSTUP)
1280	(500)	ADDRESS	4	WTRDWAIT	IATOSWC WAITING WORK MSG RTN ADDRESS (LABEL: OSWCWAIT)
1284	(504)	ADDRESS	4	WTRDMDDS	IATOSWC MAN/DIAG MODE MSG RTN ADDRESS (LABEL: OSWCMDDS)
1288	(508)	ADDRESS	4	WTRDMDD2	IATOSWC MAN/DIAG MODE MSG RTN 2 (LABEL: OSWCMDD2)
1292	(50C)	ADDRESS	4	WTRDDIAG	IATOSWC DIAGNOSTIC MSG ROUTN ADDRESS (LABEL: OSWCDIAG)
1296	(510)	ADDRESS	4	WTRDDSER	IATOSWC DIAGNOSTIC MSG ROUTN ADDRESS (LABEL: OSWCDSER)
1300	(514)	ADDRESS	4	WTRDSNAM	IATOSWC DSNAME CREATE RTN ADDRESS (LABEL: OSWCDSNM)
1304	(518)	ADDRESS	4	WTRDFDJN	FIND JESNEWS SUBROUTINE 2633
1308	(51C)	ADDRESS	4	WTRDRLJN	RELEASE JESNEWS SUBROUTINE 2633
1312	(520)	ADDRESS	4	WTRDPPSR	COMMAND PROCESSOR PPQ SYNCH ROUTINE ADDRESS (LABEL: OSMPSYNC)
1316	(524)	ADDRESS	4	WTRDMSGR	COMMAND PROCESSOR MESSAGE ROUTINE ADDRESS (LABEL: OSMPPMSG) 0084
1316	(524)	X'0'	0	WTRDMGNA	"0" NON-ACTION MESSAGE (R1 VALUE TO OSMPPMSG ABOVE 0084
1316	(524)	X'1'	0	WTRDMGAC	"1" ACTION MESSAGE (R1 VALUE TO OSMPPMSG ABOVE 0084
1320	(528)	ADDRESS	4	WTRDCTAD	COMMAND PROCESSOR PARAMETER TABLE ADDRESS (LABEL: OSMPTBL1)
1324	(52C)	ADDRESS	4	WTRFSAFL	IATOSFD FSA FAILURE MSG RTN ADDRESS (LABEL: OFDFS000)
1328	(530)	ADDRESS	4	WTRDLGCR	LOGSTR CREATE ROUTINE ADDR 0391 (LABEL: OSWCLGCR) 0391

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1332	(534)	ADDRESS	4	WTROWTRX	WRITER EXTENSION ADDRESS
1336	(538)	ADDRESS	4	WTROCDEP	JDE ADDRESS FOR IATODPX
1340	(53C)	SIGNED	4	WTRDFSID (0)	FUNCTIONAL SUBSYSTEM ID
1340	(53C)	SIGNED	2	WTRDFSS	FSS PORTION OF FSID
1342	(53E)	SIGNED	2	WTRDFSA	FSA PORTION OF FSID
1344	(540)	CHARACTER	8	WTRFSSNM	FSS NAME FOR THIS FSS
1352	(548)	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

1360	(550)	ADDRESS	4	WTRFSSAD	FSS TABLE ENTRY ADDRESS
1364	(554)	ADDRESS	4	WTRFSAAD	FSA TABLE ENTRY ADDRESS
1368	(558)	ADDRESS	4	WTRFMPAD	FSS PROCESSOR MPC ENTRY AD
1372	(55C)	SIGNED	4	WTRFSTAR	CURRENT FSS/FSA STAGING AREA
1376	(560)	SIGNED	4	WTRFSV10	SAVE AREA USED BY IATXPDQ ON INTERNAL CALLS
1380	(564)	BITSTRING	1	WTRFGDRN	HOLD REASON IF WTRFDSUP ON
1381	(565)	BITSTRING	1	WTRFRCFM	Data set record format (Bit definitions same as JFCRECFM in the JFCB)
1382	(566)	SIGNED	2	WTRFRECL	Maximum data set record length
1384	(568)	SIGNED	4	WTRRSVD6 (2)	RESRVD FOR NON-FSS DEVLPMNT
1392	(570)	SIGNED	4	WTRXCPDS	NUMBER OF SKIPPED CPDS RECORDS FOR THIS DATA SET
1396	(574)	SIGNED	4	WTRXLMSD	NUMBER OF TRUNCATED LINE MODE SPANNED RECORDS FOR THIS DATA SET
1400	(578)	SIGNED	4	WTRFSYWM	DOMID FOR DATASET SYNCHRONIZATION
1404	(57C)	SIGNED	4	WTRFSWRK	FSS WORK AREA
1408	(580)	SIGNED	4	WTRFRSVD (2)	RESERVED FOR DEVELOPMENT
1416	(588)	SIGNED	4	WTRF3MSG	DOMID FOR MESSAGE IAT4730
1420	(58C)	SIGNED	4	WTRFRSVS (3)	RESERVED FOR SERVICE
1432	(598)	ADDRESS	4	WTRSPPAD	SET PRINT PARM ADDRESS
1436	(59C)	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

1456	(5B0)	BITSTRING	1	WTRFFLG1	FSS WTR FLAG

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
		.... ..1.		WTRFMPER	"X'02'" OSMP IN CMD ERROR PROCESSING
		1		WTRFNCKP	"X'01'" NEW CHECKPOINT BUFFER W/O SPOOL ADDRESS
1457	(5B1)	BITSTRING	1	WTRFFLG2	FSS WTR FLAG

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					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
1458	(5B2)	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
1459	(5B3)	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
		1		WTRFDOSU	"X'01'" UPDATE DOSE ON PDQWOSWR 3339

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					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
1460	(5B4)	CHARACTER	24	WTRDDSN	DATASET NAME IN PROGRESS
1484	(5CC)	CHARACTER	8	WTRDJNAM	JOB NAME IN PROGRESS
1492	(5D4)	CHARACTER	8	WTRDJID	JOB ID IN PROGRESS
1500	(5DC)	ADDRESS	4	WTRDRSQ	RQ ADDR FOR CURRENT JOB
1504	(5E0)	CHARACTER	8	WTRDYNAM	JOB ID FOR DYNAMIC WTR
					Comment
					---------- FIELDS USED BY THE PENDING DATA SET QUEUE MANAGER (IATOSFP) ----------
					End of Comment
1512	(5E8)	ADDRESS	4	WTRFDSAD	DATA SET ID ADDRESS FOR AN FSS WRITER
1516	(5EC)	ADDRESS	4	WTRFPDQF	ADDR OF FIRST (OLDEST) PDQ ENTRY (0 IF QUEUE EMPTY) MAINTAINED BY OSFP
1520	(5F0)	ADDRESS	4	WTRFPDQL	ADDR OF LAST (NEWEST) PDQ ENTRY (0 IF QUEUE EMPTY) MAINTAINED BY OSFP
1524	(5F4)	ADDRESS	4	WTRFPDQC	ADDR OF CURRENT (CHANNEL) PDQ. ZERO IF NO DS SELECTD MAINTAINED BY OSFP
1528	(5F8)	ADDRESS	4	WTRFRSVX	RESERVED FOR DEVELOPMENT
1532	(5FC)	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
1536	(600)	ADDRESS	4	WTROPPQF	ADDR OF FIRST (OLDEST) PPQ ENTRY (0 IF QUEUE EMPTY)
1540	(604)	ADDRESS	4	WTROPPQN	ADDR OF PPQ ENTRY FOR NEXT PAGE EXPECTED TO BE STACKED (0 IF NO EXPECTED PAGE IS IN PRINTER)
1544	(608)	ADDRESS	4	WTROPPQL	ADDR OF LAST (NEWEST) PPQ ENTRY (0 IF QUEUE EMPTY)
1548	(60C)	SIGNED	4	WTRDCUPG	NUM OF PAGES INTO CURRENT TRANSMISSION. DECREASED FOR BACKSP, INCREASED FOR PRINTING & FORWARD SPACE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1552	(610)	SIGNED	4	WTRDCTPG	NUMBER OF PAGES IN A COMPLETE TRANSMISSION OF THE CURRENT DATA SET. ZERO WHEN THE FIRST TRANSMISSION HAS NOT COMPLETED.
1556	(614)	SIGNED	2	WTRICURR	OFFSET WITHIN WOSE BUFFER TO CURRENT DATA SET BEING PROCESSED AT THE CHANNEL
1558	(616)	SIGNED	2	WTRDRSV0	RESERVED FOR SERVICE
1560	(618)	BITSTRING	1	WTRDPSTF	WRITER POST FLAG BYTE

Comment

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-------------------------------------------------------------
          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
1561	(619)	BITSTRING	1	WTRDMSAV	SAVE AREA FOR TASK MODE
1562	(61A)	BITSTRING	1	WTRSPFLG	SPANNED DATA FLAGS

Comment

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-------------------------------------------------------------
          DEFINITION OF WTRSPFLG
      THE FLAGS ARE USED TO INDICATE THE TYPE OF DATA
      PASSED TO NETWORKING MODULE IATOSNJ
-------------------------------------------------------------
```

End of Comment

1562	(61A)	X'0'	0	WTRNOSPN	"FCTNOSPN" LOGICAL RECRD IS NOT SPANNED
1562	(61A)	X'80'	0	WTRSPAN	"FCTSPAN" SPANNED DATA PRESENT
1562	(61A)	X'C0'	0	WTRSPFIR	"FCTSPFIR" FIRST 'RECORD SECTION'
1562	(61A)	X'80'	0	WTRSPNTH	"FCTSPNTH" NTH 'RECORD SECTION'
1562	(61A)	X'A0'	0	WTRSPLST	"FCTSPLST" LAST 'RECORD SECTION'
1563	(61B)	BITSTRING	1	WTRFWOSU	OSFP WOSE UPDATE RTN FLAG
1564	(61C)	SIGNED	2	WTRSRLN	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

1566	(61E)	BITSTRING	1	WTRFFLG5	FSS WRITER FLAG BYTE 5

Comment

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-------------------------------------------------------------
      DEFINITION OF WTRFFLG5
-------------------------------------------------------------
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End of Comment

		1...		WTRFRSTR	"X'80'" FSS WRITER TO BE RESTARTED FOLLOWING IPL OF FSS MAIN

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

1567	(61F)	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)
1567	(61F)	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.
1567	(61F)	X'7'	0	WTRDUFLG	"WTRDUDST+WTRDUFLS+WTRDUFRM"
1568	(620)	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
1569	(621)	BITSTRING	1	WTRFFLG8	FSS WRITER FLAG BYTE 8

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					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
1570	(622)	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'" PDQJBSNT did an IATXOSWS GET/REL call for RQ saved in the primary WSP
		1		WTRFWUAL	"X'01'" Waiting for FSS to get unallocated
1571	(623)	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'" PDQDSSEL CALL WAS MADE FOR JESNEWS DATASET
		..1.		WTRFRVA1	"X'20'" BIT RESERVED FOR SERVICE
		...1		WTRFRVA2	"X'10'" BIT RESERVED FOR SERVICE
		.... 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
1572	(624)	BITSTRING	8	WTRDWSTM	WRITER START TIME (TOD)

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				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	
1580	(62C)	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	
1616	(650)	SIGNED	4	WTRFJMRA	JMR BUFFER POINTER FOR UX45 0635
1620	(654)	SIGNED	4	WTRDRSV1 (2)	RESERVED FOR DEVELOPMENT 0002
1628	(65C)	SIGNED	4	WTRDRSV2 (5)	RESERVED FOR SERVICE
1648	(670)	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		WTRXFSER	"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		WTRQURYF	"X'11'" ERROR RETURN FROM QUERY ORDER
		...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)

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

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-------------------------------------------------------------
    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'" WTRFISET 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

Comment

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-------------------------------------------------------------
        SNARJP COMMUNICATION AREA
-------------------------------------------------------------
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End of Comment

1652	(674)	SIGNED	4	WTRSNREC (4)	CURRENT RECORD CHKPT INFO -- THIS INCLUDES TWO M.R SPOOL ADDRESSES & AN OFFSET FIELD (CHNSZ)
1668	(684)	SIGNED	4	WTRSCHSZ	CHAIN SIZE FOR CURR DS
1668	(684)	X'684'	0	WTRSCHFL	"WTRSCHSZ,1" CHAIN SIZE SPEC. FLAG
1668	(684)	X'685'	0	WTRSCHPG	"WTRSCHSZ+1,1" NUM OF 'PAGES' IN SNA CHAIN
1668	(684)	X'686'	0	WTRSCHLN	"WTRSCHSZ+2,1" NUMBER OF LINES IN 'PAGE'
1672	(688)	CHARACTER	8	WTRSFRMS	FORMS REQ'D
1680	(690)	CHARACTER	4	WTRSUCSO	TRAIN REQ'D
1684	(694)	CHARACTER	8	WTRSFCBO	FCB REQ'D
1692	(69C)	BITSTRING	8	WTRSCTAB	COMPACTION TBL REQ'D
1700	(6A4)	BITSTRING	1	WTRSCOPY	COPIES REQ'D
1701	(6A5)	BITSTRING	1	WTRSRSVD	RESERVED FOR SNA
1702	(6A6)	BITSTRING	1	WTRSFLG1	PDIR /ERR FLAG

Comment

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-------------------------------------------------------------
       DEFINITION OF WTRSFLG1
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End of Comment

		1...		WTRSFMH2	"X'80'" WORK STATION SUPPORTS PDIR
		.1..		WTRSSEND	"X'40'" SEND PDIR
		..1.		WTRSPERR	"X'20'" PERMANENT SNA ERROR
		...1		WTRSRERR	"X'10'" RECOVERABLE TRANS. ERROR
		.... 1...		WTRPDIRN	"X'08'" NEED TO SEND PDIR
1703	(6A7)	BITSTRING	1	WTRSFLG2	OSWD SNA FLAG

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- DEFINITION OF WTRSFLG2 ----------	
				End of Comment	
		1...		WTRSNXDS	"X'80'" NEW DS DETECTED
		.1..		WTRSRSRT	"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
1704	(6A8)	BITSTRING	1	WTRSFLG3	SERVICE ROUTINE COMM. FLAG
				Comment	
				---------- DEFINITION OF WTRSFLG3 ----------	
				End of Comment	
		1...		WTRSMSGM	"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
1708	(6AC)	SIGNED	4	(0)	
1708	(6AC)	SIGNED	4	WTRSRSV1 (5)	RESERVED FOR SNA DEV
1728	(6C0)	SIGNED	4	WTRSRECN	SAVE AREA FOR JOB LINE CNT
1732	(6C4)	SIGNED	4	WTRSRSV2 (4)	RESERVED FOR SNA SERVICE
1748	(6D4)	SIGNED	4	WTRSRSV3	RESERVED FOR USER

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATODSI	
				Comment	
				IATYMOD BR=NO JES3 MODULE ENTRY POINT IDENTIFIER 01 Change Activity: $RJ=OS240 HJS6604 960522 PD0DR: OS 2.4.0	
				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
				Comment	
				---------- FULL WORD AREAS ----------	
				End of Comment	
40	(28)	SIGNED	4	WTRIFDMC	FIRST DMC PASSED ON IATXOSG AND STILL IN USE BY CALLER

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

Comment

```
-----------------------------------------------------------
        FLAG BYTES
-----------------------------------------------------------
```

End of Comment

176	(B0)	BITSTRING	1	WTRIFLG1	FLAG BYTE 1

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
					---------- DEFINITION OF WTRIFLG1 ----------
				End of Comment	
		1...		WTRIRDER	"X'80'" READ ERROR
		.1..		WTRIRDSU	"X'40'" SUPRESS 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 IATOSSI FROM IATOSWD.
178	(B2)	BITSTRING	1	WTRPREMK	PREVIOUS FREE MASK PASSED TO IATOSSI 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	
					---------- IATOSSI 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 IATOSSI 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
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	Hex Offset	Hex Value
IATODSI	0	
IATXOSCI	4C8	
IATXOSCO	4B8	
IATXOSG	4C4	
IATXOSOI	4C0	
IATXOSOO	4B0	
IATXOSP	4B4	
M00M0006	0	280
WTRCIMPL	F0	40404040
WTRCRDS	4A8	0
WTRCURMK	B1	0
WTRDAREA	4D0	
WTRDATE	468	0
WTRDCCDB	2C	
WTRDCDEP	4CC	
WTRDCFLG	EA	0
WTRDCLR	4BC	
WTRDCMDQ	618	80
WTRDCRVS	EA	80
WTRDCSED	B4	
WTRDCSIZ	B4	8C
WTRDCTAD	528	
WTRDCTPG	610	0
WTRDCUPG	60C	0
WTRDDCDB	8C	
WTRDDIAG	50C	
WTRDDSER	510	
WTRDDSN	5B4	40404040
WTRDDSNF	105	
WTRDDSNL	104	
WTRDFAIL	494	
WTRDFDJN	518	
WTRDFLGI	48B	0
WTRDFLGO	44C	0
WTRDFSA	53E	0
WTRDFSID	53C	
WTRDFSS	53C	0
WTRDIARE	4E0	
WTRDICDE	4DC	
WTRDIDDN	478	40404040
WTRDIDEV	488	404040
WTRDIMOD	487	0
WTRDINAM	4E4	40404040
WTRDINTS	4A0	
WTRDINTV	EC	40
WTRDINVO	102	80
WTRDISTY	483	40404040
WTRDITYP	480	404040
WTRDJDST	61F	40
WTRDJFLG	61F	70
WTRDJFLS	61F	20
WTRDJFRM	61F	10
WTRDJID	5D4	40404040
WTRDJNAM	5CC	40404040
WTRDLDCM	102	20
WTRDLDST	102	10
WTRDLFCB	102	1
WTRDLFLS	102	8
WTRDLFRM	102	4
WTRDLGCR	530	
WTRDLMRC	102	80
WTRDLMSG	102	40
WTRDLOCN	621	10
WTRDLUCS	102	2
WTRDMDDS	504	
WTRDMDD2	508	
WTRDMGAC	524	1
WTRDMGNA	524	0
WTRDMPRQ	670	B
WTRDMSAV	619	0
WTRDMSG	230	
WTRDMSGF	EC	0
WTRDMSGI	2C4	0
WTRDMSGO	3B0	40404040
WTRDMSGP	EC	80
WTRDMSGR	524	
WTRDM731	ED	0
WTRDNAME	4F8	
WTRDODDN	428	40404040
WTRDODEV	438	40404040
WTRDODV3	438	439
WTRDOFLG	618	1
WTRDOMOD	437	0
WTRDONAM	4D4	40404040
WTRDOSTY	433	40404040
WTRDOTOK	18F	F0404040
WTRDOTYP	430	404040
WTRDPFLG	102	0
WTRDPGCT	4AC	0
WTRDPPSR	520	
WTRDPSTF	618	0
WTRDQMSG	4F4	
WTRDRCDS	4A4	0
WTRDRCER	618	4
WTRDRFOR	4F0	
WTRDRLJN	51C	
WTRDRSQ	5DC	
WTRDRSV0	616	0
WTRDRSV1	654	0
WTRDRSV2	65C	0
WTRDRSV3	670	0
WTRDRSV5	49C	0
WTRDRTOK	1DF	F0404040
WTRDSADD	618	8
WTRDSECA	24	
WTRDSECT	0	
WTRDSNAM	514	
WTRDSPRT	618	40
WTRDSTQ1	670	14
WTRDSTQ2	670	15
WTRDSTQ3	670	16
WTRDSTQ4	670	17
WTRDSTUP	4FC	
WTRDSUPI	498	
WTRDSUPO	474	
WTRDTMEX	EC	20
WTRDTMOT	618	2
WTRDTYPE	430	
WTRDUDST	61F	4
WTRDUFLG	61F	7
WTRDUFLS	61F	2
WTRDUFRM	61F	1
WTRDWAIT	500	
WTRDWSTM	624	0
WTRDXCDB	280	
WTRDXCDB_KEYUSED_CMDIND		

Name	Hex Offset	Hex Value
	2A7	80
WTRDXCDB_XABEND		
	289	
WTRDXCDB_XABEND_NO		
	289	40
WTRDXCDB_XABEND_YES		
	289	80
WTRDXCDB_XCART		
	2AC	
WTRDXCDB_XCMDIND_NO		
	2A6	40
WTRDXCDB_XCMDIND_YES		
	2A6	80
WTRDXCDB_XCNDB		
	28C	
WTRDXCDB_XCONSID		
	29C	
WTRDXCDB_XCONSNM		
	298	
WTRDXCDB_XEYECATCH		
	281	
WTRDXCDB_XFLAG1		
	287	
WTRDXCDB_XFLAG2		
	2A6	
WTRDXCDB_XINCNDB		
	294	
WTRDXCDB_XKEYS		
	2A7	
WTRDXCDB_XOPERATION_EXTRACTCART		
	0	10
WTRDXCDB_XOPERATION_EXTRACTCONSID		
	287	100
WTRDXCDB_XOPERATION_EXTRACTCONSNAME		
	287	80
WTRDXCDB_XOPERATION_EXTRACTCONSTYPE		
	0	40
WTRDXCDB_XOPERATION_EXTRACTROUT		
	0	20
WTRDXCDB_XOPERATION_INITIALIZE		
	287	8000
WTRDXCDB_XOPERATION_RESET		
	287	1000
WTRDXCDB_XOPERATION_TRANSCONSID		
	287	400
WTRDXCDB_XOPERATION_TRANSFER		
	287	4000
WTRDXCDB_XOPERATION_TRANSROUT		
	287	200
WTRDXCDB_XOPERATION_UPDATE		
	287	2000
WTRDXCDB_XOPERATION_VERIFY		
	287	800
WTRDXCDB_XOUTCART		
	2BC	
WTRDXCDB_XOUTCNDB		
	290	
WTRDXCDB_XOUTCONSID		
	2A0	
WTRDXCDB_XOUTCONSNAME		
	2B0	
WTRDXCDB_XOUTCONSTYPE		
	2B4	
WTRDXCDB_XOUTROUT		
	2B8	
WTRDXCDB_XROUT		
	2A8	
WTRDXCDB_XRSV001		
	28B	
WTRDXCDB_XRSV002		
	2A4	
WTRDXCDB_XUSERADDR		
	28A	
WTRDXCDB_XVERSION		
	280	
WTRDXCDBL	2BC	40
WTRDYNAM	5E0	C4E8D5C1
WTRENFDS	48B	40
WTRENTNM	131	
WTRFCKAL	621	20
WTRFCLPI	621	4
WTRFCLR	5B3	4
WTRFCPER	4BC	4BC
WTRFCPIP	621	2
WTRFDCPI	5B3	80
WTRFDOSU	5B3	1
WTRFDRET	5B2	8
WTRFDSAD	5E8	
WTRFDSUP	5B2	4
WTRFDUMP	5B1	2
WTRFDVRS	5B2	1
WTRFENQ	184	
WTRFENQW	670	1B
WTRFFAIL	5B3	2
WTRFFIT	621	80
WTRFFLGA	623	0
WTRFFLG1	5B0	0
WTRFFLG2	5B1	0
WTRFFLG3	5B2	0
WTRFFLG4	5B3	0
WTRFFLG5	61E	0
WTRFFLG6	61F	0
WTRFFLG7	620	0
WTRFFLG8	621	0
WTRFFLG9	622	0
WTRFFRIP	61E	10
WTRFFSA	5B0	20
WTRFFSAA	5B0	8
WTRFFSRC	5B1	20
WTRFFSS	5B0	40
WTRFFSSA	5B0	10
WTRFGDEP	4DC	
WTRFGDRN	564	0
WTRFGDSF	670	E
WTRFGRCM	620	40
WTRFGTRL	5B2	80
WTRFINEP	4D4	
WTRFINZ0	621	40
WTRFISET	5B1	40
WTRFIWTO	621	8
WTRFJMRA	650	0
WTRFJNDS	5B3	10
WTRFJNNX	5B3	8
WTRFJOSL	61E	8
WTRFJTRL	5B3	20
WTRFMANU	620	80
WTRFMFSS	5B0	80
WTRFMID	548	40404040
WTRFMPAD	558	
WTRFMPDL	5B1	80

Name	Hex Offset	Hex Value
WTRFMPER	5B0	2
WTRFNCKP	5B0	1
WTRFNDMP	622	4
WTRFNEWS	623	40
WTRFOSDP	621	1
WTRFPDQC	5F4	
WTRFPDQF	5EC	
WTRFPDQL	5F0	
WTRFPDQS	5FC	
WTRFPORQ	5B1	4
WTRFPRIM	620	10
WTRFQREQ	61E	2
WTRFQUET	622	40
WTRFRCFM	565	0
WTRFRCUR	5B1	1
WTRFRDEP	4E0	
WTRFRECL	566	0
WTRFRESP	5B0	4
WTRFRSCD	5B3	40
WTRFRSTR	61E	80
WTRFRSVD	580	
WTRFRSVS	58C	
WTRFRSVU	59C	
WTRFRSVX	5F8	
WTRFRSV1	4CC	
WTRFRVA1	623	20
WTRFRVA2	623	10
WTRFRVA3	623	8
WTRFRVA4	623	4
WTRFRVA5	623	2
WTRFRVA6	623	1
WTRFSAAC	670	1
WTRFSAAD	554	
WTRFSABN	620	4
WTRFSAFL	52C	
WTRFSARS	5B2	2
WTRFSASA	670	5
WTRFSATM	620	8
WTRFSDDN	61E	1
WTRFSEET	622	80
WTRFSETE	4D0	
WTRFSMSG	5B2	10
WTRFSNUM	670	13
WTRFSRS	61E	4
WTRFSSAD	550	
WTRFSSNM	540	40404040
WTRFSSSA	670	4
WTRFSTAR	55C	0
WTRFSTAT	EC	1
WTRFSTRS	61E	40
WTRFSVAL	5B2	20
WTRFSV10	560	0
WTRFSWRK	57C	
WTRFSYET	622	20
WTRFSYWM	578	
WTRFSYWT	61E	20
WTRFTEEP	4E4	
WTRFTREQ	5B2	40
WTRFUIR	5B1	10
WTRFUX45	62C	0
WTRFVOFF	620	20
WTRFWOSU	61B	0
WTRFWUAL	622	1
WTRF0FDB	623	80
WTRF3MSG	588	

Name	Hex Offset	Hex Value
WTRGDSST	670	12
WTRICDMC	2C	0
WTRICKPG	620	2
WTRICKSC	620	1
WTRICLNO	44	0
WTRICREC	3C	0
WTRICRNO	38	0
WTRICURR	614	0
WTRIDATA	40	0
WTRIDATL	48	0
WTRIDATN	A4	0
WTRIDEBC	8C	0
WTRIDLES	188	0
WTRIDMCS	4C	0
WTRIEDMC	34	0
WTRIFDBI	54	0
WTRIFDMC	28	0
WTRIFLG1	B0	0
WTRIFSTR	90	0
WTRIISET	AC	0
WTRIKTRK	B0	8
WTRILDMC	30	0
WTRILINC	B0	2
WTRINAVR	B0	1
WTRINDAT	A6	0
WTRINVCT	D8	0
WTRINVMX	DA	0
WTRINXTR	96	0
WTRIOSET	AA	0
WTRIPERR	B0	10
WTRIPFEC	50	0
WTRIRCUR	EC	10
WTRIRDER	B0	80
WTRIRDSU	B0	40
WTRIREGA	84	0
WTRIREGS	6C	0
WTRIREG0	5C	0
WTRIREG1	60	0
WTRIREG2	64	0
WTRIREG3	68	0
WTRIREG9	80	0
WTRIRLFT	AE	0
WTRIRPOS	B0	20
WTRIRSET	A8	0
WTRIRTN	88	0
WTRISNTO	A2	0
WTRISNTR	9C	0
WTRISPLT	B0	4
WTRISTAR	618	10
WTRITRCE	B8	0
WTRITRCI	B4	E3D9C3C5
WTRITRCL	D3	0
WTRIVLID	58	0
WTRIWFIT	670	F
WTRI7030	618	20
WTRJPDV	EC	4
WTRJTRNX	622	8
WTRLNTRN	EC	2
WTRMPEPT	4EC	
WTRNOACT	622	10
WTRNOSPN	61A	0
WTRNSTAR	670	1C
WTRNZIOR	670	10
WTROCDEP	538	
WTROCHOR	EC	8

IATYWTR2 Cross Reference

Name	Hex Offset	Hex Value
WTROCLOS	44C	40
WTROCONS	44C	8
WTRODS	44C	4
WTROLBL	44C	10
WTROLGSL	166	
WTROLGST	167	
WTROLIST	44C	1
WTRONNP	44C	1
WTROPPQF	600	
WTROPPQL	608	
WTROPPQN	604	
WTROREAL	44C	20
WTROREG	44C	2
WTRORJCT	44C	80
WTROTRUN	44C	20
WTROVOL	44C	8
WTROVSTP	670	1D
WTROWTRX	534	
WTRPDIRN	6A6	8
WTRPDQER	670	2
WTRPREMK	B2	0
WTRPSSCA	180	
WTRP0FDB	670	1A
WTRQURYF	670	11
WTRRSVD0	EB	0
WTRRSVD1	492	0
WTRRSVD2	B3	0
WTRRSVD3	E4	0
WTRRSVD6	568	
WTRRSVD8	18C	
WTRRSVD9	44D	
WTRRSVS0	EE	0
WTRRSVS1	2C0	0
WTRRSVS2	22F	0
WTRRSVS3	DC	0
WTRRSVS5	D4	0
WTRRSVU3	EC	0
WTRSAFOK	103	40
WTRSCFLG	103	0
WTRSCGMN	103	80
WTRSCHFL	684	684
WTRSCHKT	6A7	10
WTRSCHLN	684	686
WTRSCHPG	684	685
WTRSCHSZ	684	0
WTRSCOPY	6A4	0
WTRSCTAB	69C	0
WTRSDSOP	6A8	8
WTRSECPT	28	
WTRSETDV	670	D
WTRSFCBO	694	40404040
WTRSFLG1	6A6	0
WTRSFLG2	6A7	0
WTRSFLG3	6A8	0
WTRSFMH2	6A6	80
WTRSFOCO	6A7	20
WTRSFRMS	688	40404040
WTRSLDEN	6A8	20
WTRSMSGM	6A8	80
WTRSNREC	674	0
WTRSNXDS	6A7	80
WTRSPAN	61A	80
WTRSPDEV	670	A
WTRSPERR	6A6	20
WTRSPFCB	6A8	40
WTRSPFIR	61A	C0
WTRSPFLG	61A	0
WTRSPFSA	670	8
WTRSPFSS	670	6
WTRSPLST	61A	A0
WTRSPNTH	61A	80
WTRSPPAD	598	
WTRSRECN	6C0	0
WTRSRERR	6A6	10
WTRSRLN	61C	0
WTRSRSRT	6A7	40
WTRSRSVD	6A5	0
WTRSRSV1	6AC	0
WTRSRSV2	6C4	0
WTRSRSV3	6D4	0
WTRSSDEV	6A7	2
WTRSSEND	6A6	40
WTRSSUSP	6A8	10
WTRSTACC	48B	80
WTRSTART	0	
WTRSTDEV	670	9
WTRSTFSA	670	7
WTRSUCSO	690	40404040
WTRSWBF	450	0
WTRSWBN	45C	0
WTRSWBP	458	0
WTRSWBSZ	45E	0
WTRSYNDV	670	C
WTRTIME	460	40404040
WTRTUSID	46C	40404040
WTRT7008	F8	C4E240C9
WTRWOSER	48B	20
WTRWSPUP	622	2
WTRXCPDS	570	
WTRXFSER	670	3
WTRXLMSD	574	
WTRXOSEN	43C	

IATYWTR3 Programming Interface information

Programming Interface information

IATYWTR3

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

- IATXOSCI
- IATXOSCO
- IATXOSG
- IATXOSOI
- IATXOSOO
- IATXOSP
- WTRDCLR
- WTRDCTAD
- WTRDDIAG
- WTRDDSER
- WTRDFAIL
- WTRDFDJN
- WTRDLGCR
- WTRDMDDS
- WTRDMDD2
- WTRDMSAV
- WTRDMSGR
- WTRDNAME
- WTRDPPSR
- WTRDQMSG
- WTRDRFOR
- WTRDRLJN
- WTRDSNAM
- WTRDSTUP
- WTRDWAIT
- WTRFCPER
- WTRFGDEP
- WTRFINEP
- WTRFPDQC
- WTRFPDQF
- WTRFPDQL
- WTRFPDQS
- WTRFRDEP
- WTRFSAFL
- WTRFSETE
- WTRFSV10
- WTRFTEEP
- WTRIFDBI
- WTRIFLG1
- WTRIPTK1
- WTRIPTK2
- WTRIRCDS
- WTRISLEN
- WTRMPEPT
- WTROCDEP
- WTROPPQF
- WTROPPQL
- WTROPPQN
- WTROWTRX
- WTRPRD14
- WTRPREG2
- WTRPRL14
- WTRPSAV1
- WTRPSAV2
- WTRPSAV3
- WTRPSAV4
- WTRPSM14
- WTRPSSCA
- WTRPSV14
- WTRPWT14
- WTRSNREC
- WTRSRECN
- WTRWPRSQ

End of Programming Interface information

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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)
WTRODIEF & 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:
  $RJ=OS240 HJS6604 960522 PD0DR: OS 2.4.0
```

End of Comment

0	(0)	CHARACTER	8	MODULE NAME
8	(8)	CHARACTER	8	RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8	DATE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM

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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
36	(24)	ADDRESS	4	WTRDSECA	SECURITY DATA PARM LIST FOR IATXSEC SECURITY MACRO
40	(28)	SIGNED	4	WTRSECPT	IATYSEC PTR FOR WTRPWSPA

Comment

```
TRDCCDB IATYCNDB DSECT=NO CALLING CONSOLE INFORMATION
  IATYCNDB_1:;
  START OF SPECIFICATIONS
 01 PROPRIETARY STATEMENT=
   PROPRIETARY_STATEMENT
   LICENSED MATERIALS - PROPERTY OF IBM
   THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
   5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
   STATUS= HJS6604
   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 Distribution Library: AJES3MAC
  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
      CASE/390 - VERSION 49
   END OF SPECIFICATIONS
%
```

End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
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
    THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
    5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
    STATUS= HJS6604
    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 Distribution Library: AJES3MAC
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
    CASE/390 - VERSION 49
 END OF SPECIFICATIONS
%
```

End of Comment

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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
234	(EA)	BITSTRING	1	WTRDCFLG	OUTPUT SERVICE WRITER FLAG
		1...		WTRDCRVS	"X'80'" Reserved for service

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		WTRDLDST	"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/CTAPE 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

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

				FULL DATA SET NAME AND SAF ENTITY NAME	

				End of Comment	
260	(104)	BITSTRING	1	WTRDDSNL	LENGTH OF WTRDDSNF
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	WTRDRTOK	DATA SET SECURITY TOKEN 0094
559	(22F)	BITSTRING	1	WTRRSVS2	Reserved for Service
				Comment	
				WTRDMSG MESSAGE TEXT=WTRDMSGO,MF=L	
				$RX=OS280 HJS6608 981217 PD0DR: OS 2.8.0	
				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		Flags and Priority
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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
641	(281)	CHARACTER	6	WTRDXCDB_XEYECATCH	++ CONSTANT XEYECATCH
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
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 KEYWOR
		.1..		WTRDXCDB_XOPERATION_EXTRACTCONSTYPE	"B'0000000001000000'" ++ XOPERATION.EXTRACTCONSTYPE KEYWOR
		..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 XUSERADDR
651	(28B)	CHARACTER	1	WTRDXCDB_XRSV001	++ RESERVED XRSV001
652	(28C)	ADDRESS	4	WTRDXCDB_XCNDB	++ XCNDB
656	(290)	ADDRESS	4	WTRDXCDB_XOUTCNDB	++ XOUTCNDB
660	(294)	ADDRESS	4	WTRDXCDB_XINCNDB	++ XINCNDB
664	(298)	ADDRESS	4	WTRDXCDB_XCONSNM	++ XCONSNM
668	(29C)	ADDRESS	4	WTRDXCDB_XCONSID	++ XCONSID
672	(2A0)	ADDRESS	4	WTRDXCDB_XOUTCONSID	++ XOUTCONSID
676	(2A4)	CHARACTER	2	WTRDXCDB_XRSV002	++ RESERVED XRSV002
678	(2A6)	BITSTRING	1	WTRDXCDB_XFLAG2	++ FIELD_LABEL
		1...		WTRDXCDB_XCMDIND_YES	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
					"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	
					++ XROUT
684	(2AC)	ADDRESS	4	WTRDXCDB_XCART	
					++ XCART
688	(2B0)	ADDRESS	4	WTRDXCDB_XOUTCONSNAME	
					++ XOUTCONSNAME
692	(2B4)	ADDRESS	4	WTRDXCDB_XOUTCONSTYPE	
					++ XOUTCONSTYPE
696	(2B8)	ADDRESS	4	WTRDXCDB_XOUTROUT	
					++ XOUTROUT
700	(2BC)	ADDRESS	4	WTRDXCDB_XOUTCART	
					++ 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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					$RX = OS280 HJS6608 990205 PD0DR: OS 2.8.0 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)	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.		WTROTRUN	"X'20'" TRUNC=YES ON IATXOSP
		...1		WTROLBL	"X'10'" SETUP CALL
		.... 1...		WTROVOL	"X'08'" GENERATE VOL LABEL
1100	(44C)	X'8'	0	WTROCONS	"WTROVOL" SUSPEND FOR CONSOLE OUT
		.... .1..		WTRODS	"X'04'" GENERATE DS LABEL
		.... ..1.		WTROREG	"X'02'" PARMS ARE IN REG
		1		WTRONNP	"X'01'" NEWPAGE=NO ON IATXOSOO
		1		WTROLIST	"X'01'" PARMS ARE IN LIST (IATXOSP)
1101	(44D)	BITSTRING	3	WTRRSVD9	RESERVED FOR DEVELOPMENT
1104	(450)	BITSTRING	6	WTRSWBF	M.R FOR SWB IN STG- WTRSWBP
1112	(458)	SIGNED	4	WTRSWBP	ADDRESS OF SWB POINTER LIST D015 FOR SMF6 MAPPED BY IEFSJTRP D015
1116	(45C)	SIGNED	2	WTRSWBN	NUMBER OF SWB POINTERS IN D015 WTRSWBP LIST D015
1118	(45E)	SIGNED	2	WTRSWBSZ	TOTAL SIZE OF SWBTU POINTED D015 TO BY WTRSWBP LIST D015
1120	(460)	CHARACTER	8	WTRTIME	PRINTER START TIME IN EBCDIC
1128	(468)	SIGNED	4	WTRDATE	PRINTER START DATE IN JULIAN
1132	(46C)	CHARACTER	8	WTRTUSID	TSO USERID
1140	(474)	ADDRESS	4	WTRDSUPO	OUTPUT SUPUNITS ADDRESS
1144	(478)	CHARACTER	8	WTRDIDDN	INPUT COMPONENT DDNAME
1152	(480)	CHARACTER	3	WTRDITYP	INPUT COMPONENT GTYPE
1155	(483)	CHARACTER	4	WTRDISTY	INPUT COMPONENT STYPE
1159	(487)	BITSTRING	1	WTRDIMOD	INPUT COMPONENT MODEL
1160	(488)	CHARACTER	3	WTRDIDEV	INPUT DEVICE ADDRESS
1163	(48B)	BITSTRING	1	WTRDFLGI	INPUT COMPONENT FLAG BYTE
					Comment
					---------- DEFINITION OF WTRDFLGI ----------
					End of Comment
		1...		WTRSTACC	"X'80'" IATXOSG CALLER ACCEPTS STREAM MODE/SPANNED RECORDS TWO BUFFERS
		.1..		WTRENFDS	"X'40'" Issue ENF signal for non-FSS writer data set selection
		..1.		WTRWOSER	"X'20'" Need to release WOSE
1170	(492)	SIGNED	2	WTRRSVD1	RESERVED FOR DEVELOPMENT
1172	(494)	ADDRESS	4	WTRDFAIL	DUMP/RETURN ROUTINE ADDRESS

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1176	(498)	ADDRESS	4	WTRDSUPI	INPUT SUPUNITS ADDRESS
1180	(49C)	SIGNED	4	WTRDRSV5	RESERVED FOR SERVICE
1184	(4A0)	ADDRESS	4	WTRDINTS	INTERVENTION REQ. SUPUNITS
1188	(4A4)	SIGNED	4	WTRDRCDS	OUTPUT RECORD COUNT
1192	(4A8)	SIGNED	4	WTRCRDS	OUTPUT RECD CONT FOR INQUIRY
1196	(4AC)	SIGNED	4	WTRDPGCT	OUTPUT PAGE COUNT
1200	(4B0)	ADDRESS	4	IATXOSOO	OUTPUT COMPONENT OPEN ADDR.
1204	(4B4)	ADDRESS	4	IATXOSP	OUTPUT COMPONENT PUT ADDR.
1208	(4B8)	ADDRESS	4	IATXOSCO	OUTPUT COMPONENT CLOSE ADDR.
1212	(4BC)	ADDRESS	4	WTRDCLR	OUTPUT BUFFER-CLEARING RTN.
1212	(4BC)	X'4BC'	0	WTRFCPER	"WTRDCLR" FSS WTR CHKPOINT ERROR RTN.
1216	(4C0)	ADDRESS	4	IATXOSOI	INPUT COMPONENT OPEN ADDR.
1220	(4C4)	ADDRESS	4	IATXOSG	INPUT COMPONENT GET ADDR.
1224	(4C8)	ADDRESS	4	IATXOSCI	INPUT COMPONENT CLOSE ADDR.
1228	(4CC)	ADDRESS	4	WTRDCDEP	OUTPUT COMPONENT CDE
1232	(4D0)	ADDRESS	4	WTRDAREA	OUTPUT COMPONENT AREA
1236	(4D4)	CHARACTER	8	WTRDONAM	OUTPUT COMPONENT MODULE NAM
1228	(4CC)	ADDRESS	4	WTRFRSV1	RESERVED FOR FSS DEVELOPMNT
1232	(4D0)	ADDRESS	4	WTRFSETE	IATOSFD MSG RTN FOR DEVICE FAILURE WITH ETE BIT SET ADDRESS (LABEL: OFDFE000)
1236	(4D4)	ADDRESS	4	WTRFINEP	FSS WTR INIT ENTRY POINT
1244	(4DC)	ADDRESS	4	WTRDICDE	INPUT COMPONENT CDE ADDR.
1248	(4E0)	ADDRESS	4	WTRDIARE	INPUT COMPONENT AREA
1252	(4E4)	CHARACTER	8	WTRDINAM	INPUT COMPONENT NAME
1244	(4DC)	ADDRESS	4	WTRFGDEP	FSS WTR GETDS ENTRY POINT
1248	(4E0)	ADDRESS	4	WTRFRDEP	FSS WTR RELDS ENTRY POINT
1252	(4E4)	ADDRESS	4	WTRFTEEP	FSS WTR TERM ENTRY POINT
1260	(4EC)	ADDRESS	4	WTRMPEPT	IATOSMP MODULE ENTRY POINT
1264	(4F0)	ADDRESS	4	WTRDRFOR	IATOSMP FCB MAPPING ROUTINE ADDRESS (LABEL: OSMPRFOR)
1268	(4F4)	ADDRESS	4	WTRDQMSG	IATOSFD DEQUE ACTIVE MSG RTN#587 ADDRESS (LABEL: OFDDQMSG) #587
1272	(4F8)	ADDRESS	4	WTRDNAME	IATOSWC DDNAME RETRVAL RTN ADDRESS (LABEL: OSDPOINT)
1276	(4FC)	ADDRESS	4	WTRDSTUP	IATOSWC SETUP CHECK ROUTINE ADDRESS (LABEL: OSWCSTUP)
1280	(500)	ADDRESS	4	WTRDWAIT	IATOSWC WAITING WORK MSG RTN ADDRESS (LABEL: OSWCWAIT)
1284	(504)	ADDRESS	4	WTRDMDDS	IATOSWC MAN/DIAG MODE MSG RTN ADDRESS (LABEL: OSWCMDDS)
1288	(508)	ADDRESS	4	WTRDMDD2	IATOSWC MAN/DIAG MODE MSG RTN 2 (LABEL: OSWCMDD2)
1292	(50C)	ADDRESS	4	WTRDDIAG	IATOSWC DIAGNOSTIC MSG ROUTN ADDRESS (LABEL: OSWCDIAG)
1296	(510)	ADDRESS	4	WTRDDSER	IATOSWC DIAGNOSTIC MSG ROUTN ADDRESS (LABEL: OSWCDSER)
1300	(514)	ADDRESS	4	WTRDSNAM	IATOSWC DSNAME CREATE RTN ADDRESS (LABEL: OSWCDSNM)
1304	(518)	ADDRESS	4	WTRDFDJN	FIND JESNEWS SUBROUTINE 2633
1308	(51C)	ADDRESS	4	WTRDRLJN	RELEASE JESNEWS SUBROUTINE 2633
1312	(520)	ADDRESS	4	WTRDPPSR	COMMAND PROCESSOR PPQ SYNCH ROUTINE ADDRESS (LABEL: OSMPSYNC)
1316	(524)	ADDRESS	4	WTRDMSGR	COMMAND PROCESSOR MESSAGE ROUTINE ADDRESS (LABEL: OSMPPMSG) 0084
1316	(524)	X'0'	0	WTRDMGNA	"0" NON-ACTION MESSAGE (R1 VALUE TO OSMPPMSG ABOVE 0084
1316	(524)	X'1'	0	WTRDMGAC	"1" ACTION MESSAGE (R1 VALUE TO OSMPPMSG ABOVE 0084
1320	(528)	ADDRESS	4	WTRDCTAD	COMMAND PROCESSOR PARAMETER TABLE ADDRESS (LABEL: OSMPTBL1)
1324	(52C)	ADDRESS	4	WTRFSAFL	IATOSFD FSA FAILURE MSG RTN ADDRESS (LABEL: OFDFS000)
1328	(530)	ADDRESS	4	WTRDLGCR	LOGSTR CREATE ROUTINE ADDR 0391 (LABEL: OSWCLGCR) 0391

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1332	(534)	ADDRESS	4	WTROWTRX	WRITER EXTENSION ADDRESS
1336	(538)	ADDRESS	4	WTROCDEP	JDE ADDRESS FOR IATODPX
1340	(53C)	SIGNED	4	WTRDFSID (0)	FUNCTIONAL SUBSYSTEM ID
1340	(53C)	SIGNED	2	WTRDFSS	FSS PORTION OF FSID
1342	(53E)	SIGNED	2	WTRDFSA	FSA PORTION OF FSID
1344	(540)	CHARACTER	8	WTRFSSNM	FSS NAME FOR THIS FSS
1352	(548)	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

1360	(550)	ADDRESS	4	WTRFSSAD	FSS TABLE ENTRY ADDRESS
1364	(554)	ADDRESS	4	WTRFSAAD	FSA TABLE ENTRY ADDRESS
1368	(558)	ADDRESS	4	WTRFMPAD	FSS PROCESSOR MPC ENTRY AD
1372	(55C)	SIGNED	4	WTRFSTAR	CURRENT FSS/FSA STAGING AREA
1376	(560)	SIGNED	4	WTRFSV10	SAVE AREA USED BY IATXPDQ ON INTERNAL CALLS
1380	(564)	BITSTRING	1	WTRFGDRN	HOLD REASON IF WTRFDSUP ON
1381	(565)	BITSTRING	1	WTRFRCFM	Data set record format (Bit definitions same as JFCRECFM in the JFCB)
1382	(566)	SIGNED	2	WTRFRECL	Maximum data set record length
1384	(568)	SIGNED	4	WTRRSVD6 (2)	RESRVD FOR NON-FSS DEVLPMNT
1392	(570)	SIGNED	4	WTRXCPDS	NUMBER OF SKIPPED CPDS RECORDS FOR THIS DATA SET
1396	(574)	SIGNED	4	WTRXLMSD	NUMBER OF TRUNCATED LINE MODE SPANNED RECORDS FOR THIS DATA SET
1400	(578)	SIGNED	4	WTRFSYWM	DOMID FOR DATASET SYNCHRONIZATION
1404	(57C)	SIGNED	4	WTRFSWRK	FSS WORK AREA
1408	(580)	SIGNED	4	WTRFRSVD (2)	RESERVED FOR DEVELOPMENT
1416	(588)	SIGNED	4	WTRF3MSG	DOMID FOR MESSAGE IAT4730
1420	(58C)	SIGNED	4	WTRFRSVS (3)	RESERVED FOR SERVICE
1432	(598)	ADDRESS	4	WTRSPPAD	SET PRINT PARM ADDRESS
1436	(59C)	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

1456	(5B0)	BITSTRING	1	WTRFFLG1	FSS WTR FLAG

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
		.... ..1.		WTRFMPER	"X'02'" OSMP IN CMD ERROR PROCESSING
		1		WTRFNCKP	"X'01'" NEW CHECKPOINT BUFFER W/O SPOOL ADDRESS
1457	(5B1)	BITSTRING	1	WTRFFLG2	FSS WTR FLAG

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					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
1458	(5B2)	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
1459	(5B3)	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
		1		WTRFDOSU	"X'01'" UPDATE DOSE ON PDQWOSWR 3339

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					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
1460	(5B4)	CHARACTER	24	WTRDDSN	DATASET NAME IN PROGRESS
1484	(5CC)	CHARACTER	8	WTRDJNAM	JOB NAME IN PROGRESS
1492	(5D4)	CHARACTER	8	WTRDJID	JOB ID IN PROGRESS
1500	(5DC)	ADDRESS	4	WTRDRSQ	RQ ADDR FOR CURRENT JOB
1504	(5E0)	CHARACTER	8	WTRDYNAM	JOB ID FOR DYNAMIC WTR
					Comment
					---------- FIELDS USED BY THE PENDING DATA SET QUEUE MANAGER (IATOSFP) ----------
					End of Comment
1512	(5E8)	ADDRESS	4	WTRFDSAD	DATA SET ID ADDRESS FOR AN FSS WRITER
1516	(5EC)	ADDRESS	4	WTRFPDQF	ADDR OF FIRST (OLDEST) PDQ ENTRY (0 IF QUEUE EMPTY) MAINTAINED BY OSFP
1520	(5F0)	ADDRESS	4	WTRFPDQL	ADDR OF LAST (NEWEST) PDQ ENTRY (0 IF QUEUE EMPTY) MAINTAINED BY OSFP
1524	(5F4)	ADDRESS	4	WTRFPDQC	ADDR OF CURRENT (CHANNEL) PDQ. ZERO IF NO DS SELECTD MAINTAINED BY OSFP
1528	(5F8)	ADDRESS	4	WTRFRSVX	RESERVED FOR DEVELOPMENT
1532	(5FC)	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
1536	(600)	ADDRESS	4	WTROPPQF	ADDR OF FIRST (OLDEST) PPQ ENTRY (0 IF QUEUE EMPTY)
1540	(604)	ADDRESS	4	WTROPPQN	ADDR OF PPQ ENTRY FOR NEXT PAGE EXPECTED TO BE STACKED (0 IF NO EXPECTED PAGE IS IN PRINTER)
1544	(608)	ADDRESS	4	WTROPPQL	ADDR OF LAST (NEWEST) PPQ ENTRY (0 IF QUEUE EMPTY)
1548	(60C)	SIGNED	4	WTRDCUPG	NUM OF PAGES INTO CURRENT TRANSMISSION. DECREASED FOR BACKSP, INCREASED FOR PRINTING & FORWARD SPACE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1552	(610)	SIGNED	4	WTRDCTPG	NUMBER OF PAGES IN A COMPLETE TRANSMISSION OF THE CURRENT DATA SET. ZERO WHEN THE FIRST TRANSMISSION HAS NOT COMPLETED.
1556	(614)	SIGNED	2	WTRICURR	OFFSET WITHIN WOSE BUFFER TO CURRENT DATA SET BEING PROCESSED AT THE CHANNEL
1558	(616)	SIGNED	2	WTRDRSV0	RESERVED FOR SERVICE
1560	(618)	BITSTRING	1	WTRDPSTF	WRITER POST FLAG BYTE

Comment

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-------------------------------------------------------------
          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
1561	(619)	BITSTRING	1	WTRDMSAV	SAVE AREA FOR TASK MODE
1562	(61A)	BITSTRING	1	WTRSPFLG	SPANNED DATA FLAGS

Comment

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-------------------------------------------------------------
          DEFINITION OF WTRSPFLG
      THE FLAGS ARE USED TO INDICATE THE TYPE OF DATA
      PASSED TO NETWORKING MODULE IATOSNJ
-------------------------------------------------------------
```

End of Comment

1562	(61A)	X'0'	0	WTRNOSPN	"FCTNOSPN" LOGICAL RECRD IS NOT SPANNED
1562	(61A)	X'80'	0	WTRSPAN	"FCTSPAN" SPANNED DATA PRESENT
1562	(61A)	X'C0'	0	WTRSPFIR	"FCTSPFIR" FIRST 'RECORD SECTION'
1562	(61A)	X'80'	0	WTRSPNTH	"FCTSPNTH" NTH 'RECORD SECTION'
1562	(61A)	X'A0'	0	WTRSPLST	"FCTSPLST" LAST 'RECORD SECTION'
1563	(61B)	BITSTRING	1	WTRFWOSU	OSFP WOSE UPDATE RTN FLAG
1564	(61C)	SIGNED	2	WTRSRLN	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

1566	(61E)	BITSTRING	1	WTRFFLG5	FSS WRITER FLAG BYTE 5

Comment

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-------------------------------------------------------------
      DEFINITION OF WTRFFLG5
-------------------------------------------------------------
```

End of Comment

		1...		WTRFRSTR	"X'80'" FSS WRITER TO BE RESTARTED FOLLOWING IPL OF FSS MAIN

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

1567	(61F)	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)
1567	(61F)	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.
1567	(61F)	X'7'	0	WTRDUFLG	"WTRDUDST+WTRDUFLS+WTRDUFRM"
1568	(620)	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
1569	(621)	BITSTRING	1	WTRFFLG8	FSS WRITER FLAG BYTE 8

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					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
1570	(622)	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'" PDQJBSNT did an IATXOSWS GET/REL call for RQ saved in the primary WSP
		1		WTRFWUAL	"X'01'" Waiting for FSS to get unallocated
1571	(623)	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'" PDQDSSEL CALL WAS MADE FOR JESNEWS DATASET
		..1.		WTRFRVA1	"X'20'" BIT RESERVED FOR SERVICE
		...1		WTRFRVA2	"X'10'" BIT RESERVED FOR SERVICE
		.... 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
1572	(624)	BITSTRING	8	WTRDWSTM	WRITER START TIME (TOD)

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				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	
1580	(62C)	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	
1616	(650)	SIGNED	4	WTRFJMRA	JMR BUFFER POINTER FOR UX45 0635
1620	(654)	SIGNED	4	WTRDRSV1 (2)	RESERVED FOR DEVELOPMENT 0002
1628	(65C)	SIGNED	4	WTRDRSV2 (5)	RESERVED FOR SERVICE
1648	(670)	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		WTRXFSER	"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		WTRQURYF	"X'11'" ERROR RETURN FROM QUERY ORDER
		...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)

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

Comment

```
-------------------------------------------------------------
        SNARJP COMMUNICATION AREA
-------------------------------------------------------------
```

End of Comment

1652	(674)	SIGNED	4	WTRSNREC (4)	CURRENT RECORD CHKPT INFO -- THIS INCLUDES TWO M.R SPOOL ADDRESSES & AN OFFSET FIELD (CHNSZ)
1668	(684)	SIGNED	4	WTRSCHSZ	CHAIN SIZE FOR CURR DS
1668	(684)	X'684'	0	WTRSCHFL	"WTRSCHSZ,1" CHAIN SIZE SPEC. FLAG
1668	(684)	X'685'	0	WTRSCHPG	"WTRSCHSZ+1,1" NUM OF 'PAGES' IN SNA CHAIN
1668	(684)	X'686'	0	WTRSCHLN	"WTRSCHSZ+2,1" NUMBER OF LINES IN 'PAGE'
1672	(688)	CHARACTER	8	WTRSFRMS	FORMS REQ'D
1680	(690)	CHARACTER	4	WTRSUCSO	TRAIN REQ'D
1684	(694)	CHARACTER	8	WTRSFCBO	FCB REQ'D
1692	(69C)	BITSTRING	8	WTRSCTAB	COMPACTION TBL REQ'D
1700	(6A4)	BITSTRING	1	WTRSCOPY	COPIES REQ'D
1701	(6A5)	BITSTRING	1	WTRSRSVD	RESERVED FOR SNA
1702	(6A6)	BITSTRING	1	WTRSFLG1	PDIR /ERR FLAG

Comment

```
-------------------------------------------------------------
       DEFINITION OF WTRSFLG1
-------------------------------------------------------------
```

End of Comment

		1...		WTRSFMH2	"X'80'" WORK STATION SUPPORTS PDIR
		.1..		WTRSSEND	"X'40'" SEND PDIR
		..1.		WTRSPERR	"X'20'" PERMANENT SNA ERROR
		...1		WTRSRERR	"X'10'" RECOVERABLE TRANS. ERROR
		.... 1...		WTRPDIRN	"X'08'" NEED TO SEND PDIR
1703	(6A7)	BITSTRING	1	WTRSFLG2	OSWD SNA FLAG

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		---------- DEFINITION OF WTRSFLG2 ----------			
				End of Comment	
		1...		WTRSNXDS	"X'80'" NEW DS DETECTED
		.1..		WTRSRSRT	"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
1704	(6A8)	BITSTRING	1	WTRSFLG3	SERVICE ROUTINE COMM. FLAG
				Comment	
		---------- DEFINITION OF WTRSFLG3 ----------			
				End of Comment	
		1...		WTRSMSGM	"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
1708	(6AC)	SIGNED	4	(0)	
1708	(6AC)	SIGNED	4	WTRSRSV1 (5)	RESERVED FOR SNA DEV
1728	(6C0)	SIGNED	4	WTRSRECN	SAVE AREA FOR JOB LINE CNT
1732	(6C4)	SIGNED	4	WTRSRSV2 (4)	RESERVED FOR SNA SERVICE
1748	(6D4)	SIGNED	4	WTRSRSV3	RESERVED FOR USER
1752	(6D8)	DBL WORD	8	WTRISYS (0)	START OF AREA ZEROED IN IATOSWD INITIALIZATION
				Comment	
		---------- IATYWSP TYPE=F ----------			
		IATYEQU JES3 STANDARD EQUATES JES3 STANDARD EQUATES 01 Change Activity: $SF= z1.4.0 HJS7707 020104 PD0PK: z 1.4.0 0			
		---------- GENERAL EQUATES ----------			
				End of Comment	
1752	(6D8)	X'0'	0	NOP	"0" NO OPERATION
1752	(6D8)	X'F'	0	ALWAYS	"15" Unconditional branch 0084
		1111 1111		FF	"X'FF'" ALL BITS ON
1752	(6D8)	X'F0'	0	CHARZERO	"C'0'" CHARACTER ZERO
1752	(6D8)	X'F9'	0	CHARNINE	"C'9'" CHARACTER NINE
1752	(6D8)	X'C1'	0	CHARA	"C'A'" CHARACTER A
1752	(6D8)	X'C6'	0	CHARF	"C'F'" CHARACTER F
1752	(6D8)	X'6B'	0	CHARCMMA	"C','" CHARACTER COMMA
				Comment	
		---------- AFTER COMPARE INSTRUCTIONS ----------			
				End of Comment	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1752	(6D8)	X'2'	0	GT	"2" A HIGH
1752	(6D8)	X'4'	0	LT	"4" A LOW
1752	(6D8)	X'7'	0	NE	"7" A NOT EQUAL B
1752	(6D8)	X'8'	0	EQ	"8" A EQUAL B
1752	(6D8)	X'B'	0	GE	"11" A NOT LOW
1752	(6D8)	X'D'	0	LE	"13" A NOT HIGH

Comment

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-------------------------------------------------------------
      AFTER ARITHMETIC INSTRUCTIONS
-------------------------------------------------------------
```

End of Comment

1752	(6D8)	X'1'	0	OV	"1" OVERFLOW
1752	(6D8)	X'2'	0	PLUS	"2" PLUS
1752	(6D8)	X'4'	0	MINUS	"4" MINUS
1752	(6D8)	X'7'	0	NZERO	"7" NOT ZERO
1752	(6D8)	X'8'	0	ZERO	"8" ZERO
1752	(6D8)	X'8'	0	ZEROS	"8" ZERO
1752	(6D8)	X'B'	0	NMINUS	"11" NOT MINUS
1752	(6D8)	X'C'	0	NOV	"12" NOT OVERFLOW #0337
1752	(6D8)	X'D'	0	NPLUS	"13" NOT PLUS

Comment

```
-------------------------------------------------------------
      AFTER TEST UNDER MASK INSTRUCTIONS
-------------------------------------------------------------
```

End of Comment

1752	(6D8)	X'1'	0	ALLON	"1" ALL ON
1752	(6D8)	X'4'	0	MIXED	"4" MIXED
1752	(6D8)	X'5'	0	NALLOFF	"5" ALLON+MIXED
1752	(6D8)	X'8'	0	ALLOFF	"8" ALL OFF
1752	(6D8)	X'C'	0	NALLON	"12" ALLOFF+MIXED

Comment

```
-------------------------------------------------------------
      AFTER TEST AND SET INSTRUCTION
-------------------------------------------------------------
```

End of Comment

1752	(6D8)	X'4'	0	LOCKED	"4" ONE I.E. LOCKED
1752	(6D8)	X'8'	0	UNLOCKED	"8" ZERO I.E. UNLOCKED

Comment

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-------------------------------------------------------------
      AFTER LOAD REAL ADDRESS INSTRUCTION.
-------------------------------------------------------------
```

End of Comment

1752	(6D8)	X'8'	0	INREAL	"8" PAGE IS IN REAL STORAGE
1752	(6D8)	X'7'	0	NOTIREAL	"7" PAGE NOT IN REAL STORAGE
1752	(6D8)	X'4'	0	SEGTBINV	"4" SEGMENT TABLE ENTRY INVALID
1752	(6D8)	X'2'	0	PAGTBINV	"2" PAGE TABLE ENTRY INVALID
1752	(6D8)	X'1'	0	LENTHINV	"1" LENGTH INVALID

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- SYMBOLS USED FOR ACCESS REGISTER MODE ----------
					End of Comment
1752	(6D8)	X'200'	0	ARMODON	"512" TURN ACCESS REGISTER MODE ON
1752	(6D8)	X'0'	0	ARMODOFF	"0" TURN ACCESS REGISTER MODE OFF
					Comment
					---------- Data Space Related Equates ----------
					End of Comment
		....		DSPCMXSZ	"X'80000000'" Maximum data space size (2 Gigabytes)
					Comment
					---------- JES3 SYSTEM LIMITS ----------
					End of Comment
1752	(6D8)	X'20'	0	J3MAXMP	"32" MAXIMUM NUMBER OF MAIN PROCESSORS IN A SINGLE JES3 COMPLEX
					Comment
					TRACE TABLE SIZES ARE SPECIFIED IN BYTES
					End of Comment
1752	(6D8)	X'21000'	0	J3TRCSZ	"135168" SIZE OF EVENT TRACE TABLE
1752	(6D8)	X'1E018'	0	J3NUCTRC	"122904" SIZE OF NUC PATH TRACE TABLE
1752	(6D8)	X'F018'	0	J3AUXTRC	"61464" SIZE OF AUX PATH TRACE TABLE
1752	(6D8)	X'3FF'	0	J3TRCMAX	"1023" MAXIMUM SIZE OF USER DATA IN A TRACE ENTRY, IN WORDS
1752	(6D8)	X'F423F'	0	MAXIMUM_JOB_NUMBER_ALLOWED	"999999" This is the largest job number allowed in the system.
1752	(6D8)	X'FFFE'	0	MAXIMUM_COMPATIBLE_JOB	"65534" This is the largest job number containable in two bytes and therefore fallback-compatible with a release not supporting job numbers greater than 65534.
1752	(6D8)	X'FFFF'	0	ACTIVE_LIMIT	"65535" This is the largest number of JES managed or WLM managed jobs that can be concurrently active on a single main.
1752	(6D8)	X'7FFF'	0	MAXIMUM_JOBS_IN_DJC_NET	"32767" This is the maximum number of jobs that a single DJC net can contain.
					Comment
					---------- The following equates are all used for decisions and actions related to job limits, but specifically are used for different purposes. ----------
					End of Comment
1752	(6D8)	BITSTRING	0	MAXIMUM_JOB_NUMBER_MASK	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
					"X'FFFF'" This mask is used to clear the high order bytes from a word after placing a compatible job number into the low order bytes using an ICM with a mask of B'0011'.
1752	(6D8)	X'FFFF'	0	SPECIAL_JOB_XFFFF	
					"65535" As a compatible job number, indicates that the job number lives in a four byte field.
1752	(6D8)	X'F423F'	0	UNLIMITED_DSP_COUNT	
					"999999" As a DSP count this value indicates an "unlimited" count.
1752	(6D8)	BITSTRING	0	UNLIMITED_JOB_COUNT	
					"X'FFFFFFFF'" As a job count this value indicates an "unlimited" count such as a display count on certain commands with N=ALL.
1752	(6D8)	X'FFFF'	0	UNLIMITED_JOB_COUNT2	
					"65535" Same as UNLIMITED_JOB_COUNT except that it is for fields that must remain 2 bytes.
1752	(6D8)	X'10'	0	JOB_NUMBER_SHIFT	
					"16" To load a compatible job number into the low order bytes of a fullword and clear the other bytes, it is possible to ICM the job number with a mask of B'1100' and then shift it to the right using this equate. This must be done instead of clearing the target register before the ICM in cases where the target register is also a base address; e.g.: ICM R2,B'1100',xxx(R2).

Comment

```
-------------------------------------------------------------
      SYMBOLS USED TO SET OR CLEAR A HIGH ORDER BIT
-------------------------------------------------------------
```

End of Comment

		....		EQUHOBON	"X'80000000'" HIGH ORDER BIT ON
1752	(6D8)	BITSTRING	0	EQUHOBOF	"X'7FFFFFFF'" HIGH ORDER BIT OFF

Comment

```
-------------------------------------------------------------
      SYMBOLS USED FOR SECURITY
-------------------------------------------------------------
```

End of Comment

1752	(6D8)	X'50'	0	SECTKNLN	"80" CURRENT LENGTH OF SECURITY TOKEN
1752	(6D8)	X'50'	0	TKNMAPLN	"80" CURRENT LENGTH OF THE MAPPED TOKEN RETURNED FROM TOKNMAP
1752	(6D8)	X'F0'	0	SAFMSGSP	"240" SUBPOOL USED FOR MESSAGES 0063 RETURNED BY SAF AND USER EXITS 58 + 59
1752	(6D8)	X'F0'	0	SAFEXTSP	"240" SUBPOOL USED FOR RETURNING EXTRACTED INFORMATION FROM THE SECURITY PRODUCT

Comment

```
-------------------------------------------------------------
      Subpool shared between the IATINTK and IATNUC tasks.
      Storage that needs to be obtained by one task and
      freed by the other task should be obtained in this
      subpool. Subpool zero cannot be used since subpool
      zero is not shared between these tasks.
-------------------------------------------------------------
```

End of Comment

1752	(6D8)	X'9'	0	INTK_SHARED_SUBPOOL	
					"9" Shared subpool

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		OUTPUT SELECT PARAMETERS 01 Change Activity: $SF=z1.4.0 HJS7707 011218 ID1RS: z 1.4.0 0			
				End of Comment	
1752	(6D8)	SIGNED	4	WSPSTART (0)	
1752	(6D8)	SIGNED	2	WSPTEJBC	Compatible with WSPTEJBI - see IATXJBNO macro
1754	(6DA)	CHARACTER	8	WSPTEUID	USER ID (SYSOUT)
1754	(6DA)	X'6DA'	0	WSPJOBID	"WSPTEUID" JOB ID (SYSOUT)
1752	(6D8)	ADDRESS	4	WSPCHAIN	WAIT FOR WORK CHAIN FIELD
1752	(6D8)	X'6D8'	0	WSPRECRD	"WSPCHAIN" TOTAL RECORDS PENDING JOB
1756	(6DC)	ADDRESS	4	WSPAECF	ECF ADDRESS, NEW WORK
1760	(6E0)	BITSTRING	1	WSPMASK	ECF MASK FIELD, NEW WORK
1761	(6E1)	BITSTRING	1	WSPHWCNT	COUNT OF OUTSERV FCT'S 0370 WAITING TO PROCESS THIS 0370 HOT WRITER 0370
1762	(6E2)	BITSTRING	1	WSPFLAG	FLAG BYTE
				Comment	
		---------- DEFINITION OF WSPFLAG ----------			
				End of Comment	
		1...		WSPOSELK	"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	
1762	(6E2)	X'10'	0	WSPFIRRQ	"WSPDEL" FIRST SYSOUT PSO REQUEST
1762	(6E2)	X'8'	0	WSPOKRET	"WSPREL" REQUEST ENDED SUCCESSFULLY
1762	(6E2)	X'1'	0	WSPRQCMP	"WSPSCHED" REQUEST IS COMPLETE
1763	(6E3)	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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... 1...		WSPPEND	"X'08'" PENDING ENTRY FOUND
1763	(6E3)	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
1763	(6E3)	X'1'	0	WSPSAFFL	"WSPCKPRQ" SAF call failed during wait queue search
1764	(6E4)	SIGNED	4	(0)	WORD ALIGNMENT 3429

Comment

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

End of Comment

1764	(6E4)	SIGNED	2	WSPOSTJC	Compatible with WSPOSTJI - see IATXJBNO macro
1764	(6E4)	BITSTRING	14	WSPFDBT	TEMP OSE FDB & SEQ. NO
1778	(6F2)	SIGNED	2	WSPLEN	Length of WSP
1780	(6F4)	BITSTRING	6	WSPJDS	JDS SPOOL ADDRESS SAVE AREA
1786	(6FA)	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
1787	(6FB)	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 ARGUEMENT
		.... .111		WSPRCAWR	"X'07'" AWRITE ERROR
		.... 1...		WSPRCDAT	"X'08'" INVALID DATA
		1111 1111		WSPRCDMP	"X'FF'" SEVERE ERROR - DUMP ALREADY GENERATED
1788	(6FC)	BITSTRING	1	WSPFDBSV	SAVE FDB FOR PREVIOUS OSE

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
					---------- THE FOLLOWING THREE FIELDS MAP THE PARAMETER LIST USED BY THE WRTCHAIN ERROR RECOVERY RTN (IATXERCV) AND MUST REMAIN CONSECUTIVE. ----------
				End of Comment	
1800	(708)	BITSTRING	0	WSPERCVW (0)	WORK AREA FOR IATXERCV MACRO
1800	(708)	BITSTRING	14	WSPRQFDB	WORK FDB & BUFFER NUMBER
1814	(716)	CHARACTER	4	WSPOSEID	ID FOR OSE
1818	(71A)	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	
1820	(71C)	CHARACTER	2	WSPRSV01	' Reserved - do not use
1822	(71E)	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..		WSPFL904	"X'04'" Reserved for service
		.... ..1.		WSPFL902	"X'02'" Reserved for service
		1		WSPFL901	"X'01'" Reserved for service
1823	(71F)	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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
		THIS LINE DELETED BY APAR OW32807			
					End of Comment
		.... .1..		WSPJOBRP	"X'04'" JOB REPOSITION INDICATOR
		.... ..1.		WSPFL702	"X'02'" Reserved for IBM
		1		WSPFL701	"X'01'" Reserved for IBM
1824	(720)	SIGNED	4	WSPSECPT	POINTER TO GETMAINED AREA FOR USE BY IATXSEC
1828	(724)	SIGNED	4	WSPSAVE	WORK SAVE AREA
1832	(728)	SIGNED	4	WSPPSCPT	PTR TO PSSC CONTROL BLOCK 0357 (The D.F.R. memorial PSSC 0049 pointer) 0049
1836	(72C)	SIGNED	2	WSPBUFNB	OSE BUFFER NUMBER
1838	(72E)	SIGNED	2	WSPOFFST	OSE OFFSET VALUE
1840	(730)	CHARACTER	1	WSPCCNTL	OSE CARRIAGE CONTROL VALUE
1841	(731)	BITSTRING	4	WSPFFDBV	OSE FDB VALIDITY VALUE
1845	(735)	BITSTRING	3	WSPRSVDV	RESERVED FOR DEVELOPMENT
1848	(738)	CHARACTER	80	WSPTOKEN	SECURITY TOKEN 0318 INBOUND-CALLER'S UTOKEN OUTBOUND-RETURNED DATA SET'S RTOKEN
1928	(788)	CHARACTER	4	WSPID	WSP eyecatcher 0075
1932	(78C)	ADDRESS	4	WSPYOSPC	IATYOSPC address 0075
1936	(790)	ADDRESS	4	WSPTEJBI	Extended jobid 0075
1940	(794)	ADDRESS	4	WSPCKJBI	Checkpoint jobid 0075
1944	(798)	ADDRESS	4	WSPOSTJI	Hot writer queue post 0075 jobid 0075
1948	(79C)	BITSTRING	33	WSPRSVS4	Reserved for IBM 0075
1981	(7BD)	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
1982	(7BE)	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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1983	(7BF)	BITSTRING	1	WSPFLG6	FLAG BYTE 6

Comment

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-------------------------------------------------------------
        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

1984	(7C0)	BITSTRING	1	WSPRTNIN	IATOSPC SUBROUTINE INDEX 0559
1984	(7C0)	X'0'	0	WSPOSERD	"0" OSE READ SUBROUTINE
1984	(7C0)	X'4'	0	WSPOSERL	"4" OSE ARELEASE SUBROUTINE
1984	(7C0)	X'8'	0	WSPOSEWR	"8" OSE WRITE SUBROUTINE
1984	(7C0)	X'C'	0	WSPJOBCM	"12" JOB COMPLETION SUBROUTINE
1984	(7C0)	X'10'	0	WSPWTRSC	"16" WRITER SCHEDULE SUBROUTINE
1984	(7C0)	X'14'	0	WSPRTN20	"20" Reserved for IBM 0075
1984	(7C0)	X'18'	0	WSPCLSRT	"24" CLASS ROTATION SUBROUTINE
1985	(7C1)	BITSTRING	1	WSPPECF	ECF FOR PURGE
1988	(7C4)	ADDRESS	4	WSPRESQ	SAVE AREA FOR RESQ (OSPC)
1992	(7C8)	SIGNED	4	WSPOSA	ADDRESS OF IATODDR (OSA) 0681 USED FOR LOCAL TO SNA/NJE 0681
1996	(7CC)	SIGNED	4	WSPCDE	ADDRESS OF CDE (IATODDR) FOR0681 LOCAL TO SNA/NJE PROCESSING 0681
2000	(7D0)	SIGNED	4	WSPPENSA	PENDING STAGING AREA CHAIN
2004	(7D4)	SIGNED	4	WSPSTA	ADDR OF STAR FOR IATOSPC
2008	(7D8)	SIGNED	4	WSPSAVE2	2ND WORK SAVE AREA 0559
2012	(7DC)	SIGNED	4	WSPSAVE3	3RD WORK SAVE AREA 0559
2016	(7E0)	SIGNED	4	WSPSAVEA (9)	REGISTER SAVE AREA 0606
2052	(804)	CHARACTER	4	WSPUCSID	UCS ID 0439
2056	(808)	CHARACTER	4	WSPFCBID	FCB ID 0096
2060	(80C)	BITSTRING	8	WSPPSOTM	PSO CALL TIME (TOD) 0232
2068	(814)	ADDRESS	4	WSPCRJOB	Current job for PSO
2072	(818)	ADDRESS	2	WSPRSVD9	Reserved for IBM 0075 0075
2074	(81A)	BITSTRING	1	WSPIDENT	Type of WSP 0075
2074	(81A)	X'1'	0	WSPIBDCI	"1" IATBDCI - BDT communications0075
2074	(81A)	X'2'	0	WSPIDJOT	"2" IATDJOT - Dump Job 0075
2074	(81A)	X'3'	0	WSPIDMJA	"3" IATDMJA - PSO unallocation 0075
2074	(81A)	X'4'	0	WSPIIQOS	"4" IATIQOS - Outserv Inquiry 0075
2074	(81A)	X'5'	0	WSPIMOCP	"5" IATMOCP - Modify cancel 0075
2074	(81A)	X'6'	0	WSPIMOOS	"6" IATMOOS - Outserv Modify 0075
2074	(81A)	X'7'	0	WSPINTNR	"7" IATNTNR - NJERDR 0075
2074	(81A)	X'8'	0	WSPINTRS	"8" IATNTRS - NJE Reroute 0075
2074	(81A)	X'9'	0	WSPIOSB1	"9" IATOSBM - BDT cancel 0075

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
2074	(81A)	X'A'	0	WSPIOSB2	"10" IATOSBM - JSAM error 0075
2074	(81A)	X'B'	0	WSPIOSB3	"11" IATOSBM - BDT job hold 0075
2074	(81A)	X'C'	0	WSPIOSD1	"12" IATOSDR - Output Service 0075 (Primary FCT) 0075
2074	(81A)	X'D'	0	WSPIOSD2	"13" IATOSDR - Output Service 0075 (Secondary FCT) 0075
2074	(81A)	X'E'	0	WSPIOSF1	"14" IATOSFD - FSS writer 0075 (primary WSP) 0075
2074	(81A)	X'F'	0	WSPIOSF2	"15" IATOSFD - FSS writer 0075 (secondary WSP) 0075
2074	(81A)	X'10'	0	WSPIOSSD	"16" IATOSSD - SAPI 0075
2074	(81A)	X'11'	0	WSPIOSSO	"17" IATOSSO - SAPI JSAM error 0075
2074	(81A)	X'12'	0	WSPIOSW1	"18" IATOSWD - JES3 writer 0075 (primary WSP) 0075
2074	(81A)	X'13'	0	WSPIOSW2	"19" IATOSWD - JES3 writer 0075 (secondary WSP) 0075
2074	(81A)	X'14'	0	WSPIPURG	"20" IATPURG - Purge processing 0075
2074	(81A)	X'15'	0	WSPISIOP	"21" IATSIOP - Process SYSOUT 0075 0075
2075	(81B)	BITSTRING	1	WSPVER	Version number
		1		WSPVER01	"X'01'" Version number 1
2075	(81B)	X'1'	0	WSPCVER	"WSPVER01" Current version
2076	(81C)	ADDRESS	4	WSPPSDRT	OSPCS100 return address 0075
2080	(820)	ADDRESS	4	WSPSAVE4	PSOSCHED return address 0075
2084	(824)	SIGNED	4	WSPSDWAD	Address of SAPI DSP Work Area
2088	(828)	SIGNED	4	WSPRSVD8 (2)	Reserved for IBM
2096	(830)	ADDRESS	4	WSPRQADR	Current RQ address
2100	(834)	SIGNED	4	WSPACONS	ADDR OF CALLING CONSOLE CNDB IN IATYWTR, WTRDCCDB
2104	(838)	SIGNED	4	WSPRSVU1 (2)	RESERVED FOR USER 0200

Comment

End of version 0 PSO area.

End of Comment

2104	(838)	X'840'	0	WSPTEEND_V0	"*" End of version 0 PSO area
2104	(838)	X'168'	0	WSPTESIZ_V0	"WSPTEEND_V0-WSPSTART" Size of version 0 PSO area
2112	(840)	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

2112	(840)	X'840'	0	WSPTEEND	"*" End of version 1 PSO area
2112	(840)	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

2112	(840)	SIGNED	4	WSPTESSO (0)	ADDRESS OF SSOB FOR PSO

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- THE FOLLOWING WSP INFORMATION IS COMMON FOR EVERY JES3 WRITER. THIS INFORMATION IS NOT NEEDED FOR PSO. ----------
					End of Comment
2112	(840)	SIGNED	4	WSPRSVS3 (4)	RESERVED FOR SERVICE
2128	(850)	BITSTRING	8	WSPWSTME	WRITER START TIME (TOD) -- 0630 (I.E., WHEN IATOSWC WAS 0630 ENTERED FOR THIS WRITER) 0630
2136	(858)	SIGNED	4	WSPRSVU2 (5)	RESERVED FOR USER
					Comment
					---------- THE FOLLOWING TWO FIELDS ARE USED IN MODULE IATOSWS TO SAVE FIELDS OSECHN AND OSECNT ACROSS THE ACALL TO THE 'OSE SHRINKER' CODE IN MODULE IATOSSC (OSES000) ----------
					End of Comment
2156	(86C)	BITSTRING	12	WSPOCHN	SAVE AREA FOR CHAIN FDB
2168	(878)	BITSTRING	2	WSPOCNT	SAVE AREA FOR BUFFER NUMBER
2170	(87A)	CHARACTER	8	WSPTPID	Current APPC TPID, JSAB job id, or JSAB job name
2178	(882)	BITSTRING	6	WSPOSSWB	SPOOL ADDR FOR CURR OUTPUT D015 DESCR IF XTNDD KEYWORDS D015
2184	(888)	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
2186	(88A)	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
2187	(88B)	BITSTRING	1	WSPRSVD7	RESERVED FOR DEVELOPMENT #0040
2188	(88C)	SIGNED	4	WSPPAGE	TOTAL PAGES PENDING JOB
2192	(890)	ADDRESS	4	WSPASUP	SUPUNITS ADDRESS
2196	(894)	ADDRESS	4	WSPARQ	ADDRESS OF RESQUEUE ENTRY
2200	(898)	BITSTRING	0	WSPFDBS (0)	SCHEDULED OSE POINTER
2200	(898)	BITSTRING	12	WSPFDB	WOSE FDB
2212	(8A4)	BITSTRING	2	WSPOSEBN	SCHEDULED OSE BUFFER NUMBER
2216	(8A8)	ADDRESS	4	WSPOSE	ADDRESS OF MOSE
2220	(8AC)	ADDRESS	4	WSPOSS	ADDRESS OF OSS ENTRY
2224	(8B0)	SIGNED	4	WSPNJERC	BSC/NJE PENDING RECORD CNT 0126
2228	(8B4)	SIGNED	4	WSPOUTBN	OUTBIN ID (in writer WSP)

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
2228	(8B4)	ADDRESS	4	WSPHWWSP	Address of hot writer WSP (in OUTSERV WSP)
2232	(8B8)	SIGNED	4	WSPRSVD2 (2)	RESERVED FOR DEVELOPMENT 0146
2240	(8C0)	BITSTRING	16	WSPSELD	SEL MASK OF DS SELECTED
2256	(8D0)	BITSTRING	16	WSPSELT	TEMP SEL MASK
2272	(8E0)	BITSTRING	16	WSPSELM	MASTER SELECTION MASK

Comment

DEFINITION OF WSPSELM VALUES

End of Comment

2272	(8E0)	X'0'	0	WSPNULL	"00" IGNORE THIS ENTRY
2272	(8E0)	X'4'	0	WSPPRTY	"04" CHECK PRIORITY OF ENTRY
2272	(8E0)	X'8'	0	WSPDEST	"08" CHECK DESTINATION OF ENTRY
2272	(8E0)	X'C'	0	WSPTYPE	"12" CHECK DEST. TYPE OF ENTRY
2272	(8E0)	X'10'	0	WSPFORM	"16" CHECK FORMS SETUP OF ENTRY
2272	(8E0)	X'14'	0	WSPCARR	"20" CHECK FCB/CTAPE SETUP
2272	(8E0)	X'18'	0	WSPUCS	"24" CHECK TRAIN SETUP OF ENTRY
2272	(8E0)	X'1C'	0	WSPLINE	"28" CHECK LINE, PAGE, AND RECORD LIMITS OF PRINTER
2272	(8E0)	X'20'	0	WSPCLAS	"32" CHECK CLASS OF ENTRY
2272	(8E0)	X'24'	0	WSPFLASH	"36" CHECK FORMS FLASH SETUP
2272	(8E0)	X'28'	0	WSPCPMOD	"40" CHECK COPY MODIFICATION
2272	(8E0)	X'2C'	0	WSPSTACK	"44" CHECK STACKER SETUP
2272	(8E0)	X'30'	0	WSPPMODE	"48" CHECK PROCESS MODE OF PRINTER
2272	(8E0)	X'30'	0	WSPSELMX	"WSPPMODE" MAXIMUM VALUE FOR WSPSELM
2288	(8F0)	SIGNED	2	WSPSELC	LOGICAL LENGTH OF WSPSELM
2290	(8F2)	BITSTRING	1	WSPPTYSV	HIGHEST PRIORITY FOUND
2291	(8F3)	BITSTRING	1	WSPRSVFX	RESERVED FOR SERVICE
2292	(8F4)	SIGNED	2	WSPOFST	OFFSET TO OSEENTRY
2294	(8F6)	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)
2295	(8F7)	BITSTRING	1	WSPFLG3	FLAG BYTE 3

Comment

DEFINITION OF WSPFLG3

End of Comment

		1...		WSPDM206	"X'80'" DM206 failure in progress

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					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
2296	(8F8)	BITSTRING	2	WSPFRSDD	FLAGS - RESERVED FOR DEV.
2298	(8FA)	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
2299	(8FB)	SIGNED	1	WSPCLSN	NUMBER OF CLASSES
2300	(8FC)	CHARACTER	36	WSPCLSS	SYSOUT CLASSES TO SELECT
2336	(920)	SIGNED	4	WSPEND (0)	END OF PARM LIST
2336	(920)	BITSTRING	1	WSPSIZE (0)	L' TOTAL SIZE OF WSP
					Comment
					EIGHT LINE DELETED BY APAR OZ78951 ---------- FULL WORD SCRATCH AREAS ----------
					End of Comment
2336	(920)	SIGNED	4	(0)	INSURE WORD ALIGNMENT
2336	(920)	BITSTRING	32	WTRIFDBI	FDB FOR CURRENT DATASET WHEN MVT/TSO WRITER, OR FIRST M.R ONLY FOR OTHER WRITERS
2368	(940)	BITSTRING	16	WTRIPTRA	OPEN/POINT/NOTE PARM LIST
2368	(940)	BITSTRING	6	WTRIPTK1	FIRST SPOOL M.R FOR DATASET
2374	(946)	BITSTRING	6	WTRIPTK2	M.R SPOOL ADDRESS FOR POINT
2380	(94C)	BITSTRING	2	WTRIPOFF	OFFSET TO RECORD FOR POINT
2382	(94E)	BITSTRING	2	WTRINON	UNUSED, SHOULD BE ZERO
2368	(940)	BITSTRING	24	WTRFPURC	PURCHAIN WORK AREA
2392	(958)	BITSTRING	80	WTRICTKN	CTOKEN
2472	(9A8)	CHARACTER	18	WTRIRSTX	Reason text field
2492	(9BC)	ADDRESS	4	WTROSEAR	OSE address
2496	(9C0)	SIGNED	4	WTRIRSV1 (4)	Reserved for development

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
2512	(9D0)	SIGNED	4	WTRINPRO	RUN OUT INTERVAL FOR WRITER
2516	(9D4)	SIGNED	2	WTRICKIV	CHECKPOINT INTERVAL
2518	(9D6)	SIGNED	2	WTRIRSVD	RESERVED FOR DEVELOPMENT
2520	(9D8)	ADDRESS	4	WTRFJNWS	JESNEWS ADDRS FOR FSS WTR
2524	(9DC)	SIGNED	4	WTRIPFOR	NUMBER OF PAGES TO MAP (3800 ONLY)
2528	(9E0)	BITSTRING	24	WTRINOT1	NOTE 1
2552	(9F8)	BITSTRING	24	WTRINOT2	NOTE 2
2576	(A10)	ADDRESS	4	WTRINOTS	POINTER TO NEXT NOTE AREA
2580	(A14)	BITSTRING	24	WTRICKPT	SAVE AREA FOR THE CHECKPOINT.
2604	(A2C)	ADDRESS	4	WTRIRQAD	SAVE AREA FOR CALLED WTR RQ ADDRESS OR 0 FOR DYNAMIC WTR
2608	(A30)	ADDRESS	4	WTRIJDSP	JDS POINTER FOR DATA SET IN PROGRESS AT THE CHANNEL
2612	(A34)	SIGNED	4	WTRIPARM	FREE/HOLD PARM
2616	(A38)	BITSTRING	16	WTRIDBPM (0)	LENGTH/ADDRESS OF I/P RECORD
2616	(A38)	SIGNED	4	WTRILEN1	SPLIT RECORD LENGTH ONE
2620	(A3C)	SIGNED	4	WTRIADR1	SPLIT RECORD ADDRESS ONE
2624	(A40)	SIGNED	4	WTRILEN2	SPLIT RECORD LENGTH TWO
2628	(A44)	SIGNED	4	WTRIADR2	SPLIT RECORD ADDRESS TWO
2632	(A48)	SIGNED	4	WTRIRCDS	SAVE AREA FOR JOB AND DATA SET RECORD COUNT
2636	(A4C)	SIGNED	4	WTRIPAGS	SAVE AREA FOR JOB AND DATA SET PAGE COUNT
2640	(A50)	SIGNED	4	WTRIRPOS	REPOSITION COUNT
2644	(A54)	SIGNED	4	WTRILNCT	CHECKPOINT RECORD COUNTER
2648	(A58)	SIGNED	4	WTRISLEN	CMD SCAN SAVE AREA (OSMP)
2652	(A5C)	SIGNED	4	WTRDECFL (5)	WAIT FOR WORK ECF LIST
2652	(A5C)	SIGNED	4	WTRDECF1	FIRST ECF ADDRESS
2656	(A60)	BITSTRING	1	(3)	MUST BE ZERO
2659	(A63)	BITSTRING	1	WTRDMSK1	FIRST ECF MASK
2660	(A64)	SIGNED	4	WTRDECF2	SECOND ECF ADDRESS
2664	(A68)	BITSTRING	1	(3)	MUST BE ZERO
2667	(A6B)	BITSTRING	1	WTRDMSK2	SECOND ECF MASK
2668	(A6C)	BITSTRING	4	WTRDECFE	ECF LIST TERMINATOR
2652	(A5C)	SIGNED	4	WTRPSM14	SAVE RETURN FOR SMF6
2656	(A60)	SIGNED	4	WTRPRD14	SAVE RETURN FOR WOSE READ
2660	(A64)	SIGNED	4	WTRPWT14	SAVE RETURN FOR WOSE WRITE
2664	(A68)	SIGNED	4	WTRPRL14	SAVE RETURN FOR WOSE RELEASE
2668	(A6C)	SIGNED	4	WTRPSV14	SAVE RETURN-COMPLETE,RESCHED
2672	(A70)	SIGNED	4	(3)	REVD FOR OSWP RETURN SAVE
2684	(A7C)	SIGNED	4	WTRPREG2	REG 2 SAVE AREA (OSWP)
2688	(A80)	SIGNED	4	WTRPSAV1	REGISTER SAVE AREA (OSWP) 0357
2692	(A84)	SIGNED	4	WTRPSAV2	REGISTER SAVE AREA (OSWP) 0357
2696	(A88)	SIGNED	4	WTRPSAV3	REGISTER SAVE AREA (OSWP) 0357
2700	(A8C)	SIGNED	4	WTRPSAV4	REGISTER SAVE AREA (OSWP) 0357
2704	(A90)	BITSTRING	1	WTRPWTRC	LOCAL RETURN CODE (OSWP)

Comment

SEVEN LINES DELETED BY APAR OZ73227

HALF WORD SCRATCH AREAS

End of Comment

2706	(A92)	SIGNED	2	WTRINLCN	LINE COUNT BETWEEN NOTES
2708	(A94)	SIGNED	2	WTRINTCN	NUMBER OF NOTES TO BE TAKEN BETWEEN CHECKPOINTS
2710	(A96)	SIGNED	2	WTRICPYT	COPIES TRANSMITTED

Comment

NEXT FIELD IS MEANINGFUL FOR 3800 ONLY

End of Comment

2712	(A98)	SIGNED	2	WTRILPOS	FCB LINE POSITION AT START

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- WTRIOSE DEFINES A PARAMETER OSE USED TO IDENTIFY SETUP REQUIREMENTS TO IATOSPS. ----------
					End of Comment
2716	(A9C)	SIGNED	4	(0)	INSURE FULLWORD ALIGNMENT
2716	(A9C)	BITSTRING	96	WTRIOSE	0483
2812	(AFC)	BITSTRING	256		0483
3068	(BFC)	BITSTRING	1		0483
3068	(BFC)	X'240'	0	WTRIOSSZ	"L'OSEFSIZE+L'OSEVSIZE+L'OSEDSIZE"
					Comment
					---------- BYTE ALIGNMENT ----------
					End of Comment
3292	(CDC)	BITSTRING	1	WTRIREST	RESET MASK FOR DS/OSE UPDATE
3293	(CDD)	BITSTRING	1	WTRISET	SET MASK FOR DS/OSE UPDATE
3294	(CDE)	BITSTRING	1	WTRIHTYP	HOLD TYPE FOR DATA SET
3295	(CDF)	BITSTRING	1	WTRIHRSN	HOLD REASON FOR DATA SET
3296	(CE0)	BITSTRING	2	WTRRSVDB	RESERVED FOR DEVELOPMENT
					Comment
					---------- FDB FOR DATASET OUTPUT INFORMATION BLOCK (DOI), CREATED FOR APPC TRANASACTION PROGRAMS. ----------
					End of Comment
3298	(CE2)	BITSTRING	34	WTRIDOFD	DOI MRF FDB
3332	(D04)	SIGNED	4	WTRIFFDB (0)	FULL WORD BOUNDARY 2843
3332	(D04)	BITSTRING	1	WTRIFDBS	FDB
3332	(D04)	X'D04'	0	WTRIWRKM	"WTRIFDBS,17" WORK AREA FOR ROUTE CODE MASK
3332	(D04)	X'D04'	0	WTRIWRK	"WTRIFDBS,16" WORK AREA FOR OUTPUT SERVICE COMMAND WITH OPTION ',P'
3360	(D20)	CHARACTER	10	WTRIWORK	WORK AREA, REDEFINED 2843
3370	(D2A)	CHARACTER	1	WTRINAV	NAV OPTION
3371	(D2B)	ADDRESS	1	WTRICOPY	CURRENT COPY NUMBER(IF 3800, CURRENT STARTING COPY NUM)
3372	(D2C)	ADDRESS	1	WTRICPYS	TOTAL COPIES (IF 3800, SUM OF COPY GROUPS)
3373	(D2D)	ADDRESS	1	WTRIFLCN	FLASH COUNT
3374	(D2E)	BITSTRING	8	WTRICPYE	COPY GROUP VALUES
3382	(D36)	BITSTRING	3	WTRICNTR (0)	3800 COPY LOAD PARM LIST
3382	(D36)	ADDRESS	1	WTRICPYN	STARTING COPY NUMBER
3383	(D37)	ADDRESS	1	WTRICPYC	NUMBER OF COPIES TO PRINT
3384	(D38)	ADDRESS	1	WTRICFLC	NUMBER OF COPIES TO FLASH
3385	(D39)	BITSTRING	8	WTRISELP	COMMAND SELECTION PARAMETER
3393	(D41)	ADDRESS	1	WTRICNTP	COMMAND CLASS COUNT
3394	(D42)	CHARACTER	36	WTRICLSP	COMMAND CLASSES
					Comment
					---------- FLAG BYTES ----------
					End of Comment

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
3430	(D66)	BITSTRING	8	WTRIMFLS (0)	INPUT MESSAGE FLAGS
3430	(D66)	BITSTRING	2	WTRIMFLA (0)	NON KEYWORD PARAMS
3430	(D66)	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
		...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
3430	(D66)	X'5D'	0	WTRIMPM1	"FF-WTRIA-WTRID-WTRIM" NO FSS SYNCH REQ. OPTIONS
3431	(D67)	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
3431	(D67)	X'7F'	0	WTRIMPM2	"FF-WTRIP" NO FSS SYNCH REQUIRED OPTION
3432	(D68)	BITSTRING	3	WTRIMFLB (0)	FLAGS FOR PARAMS. W/EQUALS
3432	(D68)	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
3432	(D68)	X'FF'	0	WTRIMPM3	"FF" NO FSS SYNCH REQUIRED OPTIONS
3433	(D69)	BITSTRING	1	WTRIMFL4	FLAG BYTE

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		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
3433	(D69)	X'FF'	0	WTRIMPM4	"FF" NO FSS SYNCH REQUIRED OPTIONS
3434	(D6A)	BITSTRING	1	WTRIMFL5	
		Comment			
		---------- DEFINITION OF WTRIMFL5 ----------			
		End of Comment			
		1...		WTRISZEQ	"X'80'" SIZE OPTION
		.1..		WTRIWCEQ	"X'40'" WC OPTION
		..1.		WTRIWSEQ	"X'20'" WS OPTION
		...1		WTRIUEQ	"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
3434	(D6A)	X'FB'	0	WTRIMPM5	"FF-WTRIROEQ" NO FSS SYNCH REQUIRED OPTIONS
3435	(D6B)	BITSTRING	1	WTRIMFL6	
		Comment			
		---------- 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		WTRIWSF	"X'10'" WS = F FOUND
		.... 1...		WTRIWSC	"X'08'" WS = C FOUND
		.... .1..		WTRIWSU	"X'04'" WS = U FOUND
		.... ..1.		WTRIWSL	"X'02'" WS = L FOUND
		1		WTRIWSCL	"X'01'" WS = CL FOUND
3435	(D6B)	X'FF'	0	WTRIMPM6	"FF" NO FSS SYNCH REQUIRED OPTIONS
3436	(D6C)	BITSTRING	1	WTRIMFL7	
		Comment			
		---------- DEFINITION OF WTRIMFL7 ----------			
		End of Comment			
		1...		WTRIWSFL	"X'80'" WS = FL FOUND
		.1..		WTRIWSCM	"X'40'" WS = CM FOUND

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		..1.		WTRIWSST	"X'20'" WS = ST FOUND
		...1		WTRIWSPM	"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
3436	(D6C)	X'FF'	0	WTRIMPM7	"FF" NO FSS SYNCH REQUIRED OPTIONS
3437	(D6D)	BITSTRING	1	WTRIMFL8	RESERVED
3437	(D6D)	X'FF'	0	WTRIMPM8	"FF" NO FSS SYNCH REQUIRED OPTIONS

Comment

BEGINNING OF AREA DUMPED IN MESSAGE IAT7060 BY SPECIFYING
THE D PARAMETER ON A X, S, R OR C COMMAND.

End of Comment

3438	(D6E)	BITSTRING	1	WTRIMFLP	FLAG BYTE

Comment

DEFINITION OF WTRIMFLP

End of Comment

		1...		WTRISTRT	"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..		WTRIJOBS	"X'04'" JOB SELECTED
		.... ..1.		WTRIDSS	"X'02'" DATA SET SELECTED
		1		WTRIMNT	"X'01'" MOUNT CONDITION
3439	(D6F)	BITSTRING	1	WTRIFLG1	SAVE AREA FOR OSEDFLG1
3440	(D70)	BITSTRING	1	WTRIFLG2	FLAGS

Comment

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
3441	(D71)	BITSTRING	1	WTRIFLG3	FLAG BYTE

Comment

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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		...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
3442	(D72)	BITSTRING	1	WTRIFLG4	FLAG BYTE

Comment

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
		.... 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
3443	(D73)	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
3444	(D74)	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

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

		DEFINITION OF WTRIFLG8			

				End of Comment	
3445	(D75)	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.
3446	(D76)	BITSTRING	1	WTRINDX	RETURN INDEX FOR INPUT MSG
				Comment	

		DEFINITION OF WTRINDX			

				End of Comment	
3446	(D76)	X'0'	0	WTRIJS	"0" JOB SELECT
3446	(D76)	X'4'	0	WTRISU	"WTRIJS+4" DEVICE SETUP
3446	(D76)	X'8'	0	WTRIVO	"WTRISU+4" VOLUME OPEN
3446	(D76)	X'C'	0	WTRIRM	"WTRIVO+4" READY MESSAGE
3446	(D76)	X'10'	0	WTRIDSO	"WTRIRM+4" DATA SET OPEN
3446	(D76)	X'14'	0	WTRIDSR	"WTRIDSO+4" DATA SET REPOSITIONING
3446	(D76)	X'18'	0	WTRIDL	"WTRIDSR+4" DEBLOCK LOOP
3446	(D76)	X'1C'	0	WTRIEP	"WTRIDL+4" EOD PUT
3446	(D76)	X'20'	0	WTRIPT	"WTRIEP+4" PUT TRUNCATE
3446	(D76)	X'24'	0	WTRIPO	"WTRIPT+4" PUT OUTPUT
3446	(D76)	X'28'	0	WTRIDSD	"WTRIPO+4" DATA SET DONE
3446	(D76)	X'2C'	0	WTRIDSC	"WTRIDSD+4" DATA SET COMPLETE
3446	(D76)	X'30'	0	WTRIGNO	"WTRIDSC+4" GET NEXT OSE
3446	(D76)	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	
3447	(D77)	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
3448	(D78)	BITSTRING	1	WTRIRSFL	RESERVED FOR FLAG
3452	(D7C)	SIGNED	4	WTRWPRSQ	Pointer to JDS-owning RQ
3456	(D80)	ADDRESS	4	WTRIJMRD	If non-zero, pointer to the OSE data set section used for IATXJMR
3460	(D84)	ADDRESS	4	WTRIJMRQ	Pointer to the JMR-owning RQ
3464	(D88)	SIGNED	4	WTRIRSV2 (2)	Reserved for development
3472	(D90)	CHARACTER	8	WTRLOGNM	Job name for login message of restored PPQ entry
3480	(D98)	CHARACTER	8	WTRLOGID	Job id for login message of restored PPQ entry

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
3488	(DA0)	SIGNED	4	WTRIREPO	REPOSITION COUNT FROM CKPNT
3492	(DA4)	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

3496	(DA8)	ADDRESS	4	WTRWSPAA	POINT TO WSP IN SECOND PAGE -- OF YWTR EXPANSION
3500	(DAC)	BITSTRING	1	WTRISYSE (0)	END OF AREA ZEROED DURING IATOSWD INITIALIZATION
3500	(DAC)	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
3588	(E04)	BITSTRING	16	WTRDRSVD	RESERVED FOR DEVELOPMENT

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
            IFASMFRA 85-103
            IFASMFRB 104-113
            IFASMFRC 114-123
            IFASMFRD 124-127
%GOTO IFABGN2;
  THIS IS AN SMF MACRO WHICH CONTROLS THE BUILDING OF SMF RECORDS. THE
  REQUIRED FORMAT IS
      IFASMFR &RECTYPE
  NOTE: VALUES FOR &RECTYPE MUST BE ENCLOSED IN PARENS(UNLESS ONLY 1).
 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

3604	(E14)	SIGNED	4	(0)	ALIGN TO FULL WORD BOUNDARY
3604	(E14)	X'E14'	0	SMFRCD6	"*" HEADER SEGMENT
3604	(E14)	BITSTRING	2	SMF6LEN	RECORD LENGTH
3606	(E16)	BITSTRING	2	SMF6SEG	SEGMENT DESCRIPTOR
3608	(E18)	BITSTRING	1	SMF6FLG	HEADER FLAG BYTE

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
3609	(E19)	BITSTRING	1	SMF6RTY	RECORD TYPE 6
3609	(E19)	X'6'	0	SMFJ6	"6" PRINT/PUNCH RECORD TYPE
3610	(E1A)	BITSTRING	4	SMF6TME	TOD, USING FORMAT FROM TIME MACRO W/BIN. INTVL
3614	(E1E)		4	SMF6DTE	DATE IN PACKED DECIMAL FORM: 00YYDDDF
3618	(E22)	CHARACTER	4	SMF6SID	SYSTEM IDENTIFICATION Y02901
3622	(E26)	CHARACTER	8	SMF6JBN	JOB NAME
3630	(E2E)	BITSTRING	4	SMF6RST	RDR START TIME, TIME JOB CARD 1ST READ
3634	(E32)		4	SMF6RSD	READER START DATE 00YYDDDF
3638	(E36)	CHARACTER	8	SMF6UIF	USER ID FIELD
3646	(E3E)	CHARACTER	1	SMF6OWC	OUTPUT WTR CLASS, BLANK FOR NON-SYSOUT
3647	(E3F)	BITSTRING	4	SMF6WST	WRITER START TIME
3651	(E43)		4	SMF6WSD	WRITER START DATE
3655	(E47)	BITSTRING	4	SMF6NLR	# OF LOGICAL RECORDS HANDLED BY WRITER PER FORM # PER CLASS, INCLUDES REPEATS AND RESTARTS.
3659	(E4B)	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
3660	(E4C)	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.
3661	(E4D)	CHARACTER	4	SMF6FMN	FORM NUMBER
3665	(E51)	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
3666	(E52)	BITSTRING	2	SMF6SBS	SUBSYSTEM GENERATING ID EXTWTR=0, JES2=2, JES3=5, PSF=7, IP PrintWay = 9
3668	(E54)	BITSTRING	2	SMF6LN1	LENGTH OF SECTION INCLUDING THIS FIELD
3670	(E56)	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
3671	(E57)	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.

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.... .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
3672	(E58)	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.
3676	(E5C)	CHARACTER	8	SMF6OUT	LOGICAL OUTPUT DEVICE NAME FOR THE 3820, ACF/VTAM LOGICAL UNIT NAME
3684	(E64)	CHARACTER	4	SMF6FCB	FCB ID Y02120
3688	(E68)	CHARACTER	4	SMF6UCS	UCS ID Y02120 END OF RECORD FOR EXTERNAL WTR
3692	(E6C)	BITSTRING	4	SMF6PGE	APPROXIMATE PHYSICAL PAGE COUNT
3692	(E6C)	X'E70'	0	SMF6J2S	"*" BEGIN JES2 ONLY SECTION
3696	(E70)	BITSTRING	2	SMF6RTE	OUTPUT ROUTE CODE OR ZERO
3698	(E72)	BITSTRING	1	SMF6END2 (0)	END OF JES2 RECORD
3698	(E72)	BITSTRING	0	SMF6SIZ2 (0)	SIZE OF JES2 SMF6 RECORD EXCLUDING OPTIONAL EXTENSIONS
3698	(E72)	BITSTRING	0	SMF6SIZ3 (0)	SIZE OF JES2 SMF6 RECORD FROM SMF6LN1 TO HERE
3696	(E70)	X'E70'	0	SMF6J3S	"*" BEGIN JES3 ONLY SECTION
3696	(E70)	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
3698	(E72)	BITSTRING	2	SMF6OPR	OUTPUT PRIORITY
3700	(E74)	CHARACTER	8	SMF6GRP	LOGICAL OUTPUT DEVICE GROUP NAME
3708	(E7C)	CHARACTER	8	SMF6RSVJ	RESERVED FOR JES3
3716	(E84)	CHARACTER	4	SMF6RSVU	RESERVED FOR USER
3720	(E88)	BITSTRING	1	SMF6END (0)	END OF JES3 RECORD
3720	(E88)	BITSTRING	0	SMF6SIZ (0)	SIZE OF JES3 SMF6 RECORD EXCLUDING OPTIONAL EXTENSIONS
3720	(E88)	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

3668	(E54)	BITSTRING	2	SMF6LN2	LENGTH FIRST EXTENSION INCLUDING THIS FLD
3670	(E56)	CHARACTER	1	SMF6CPS (8)	COPIES DISTRIBUTION
3678	(E5E)	CHARACTER	4	SMF6CHR (4)	TRANSLATE TABLE NAMES FRO CHARS PARM
3694	(E6E)	CHARACTER	4	SMF6MID	COPY MODIFICATION MODULE NAME
3698	(E72)	CHARACTER	4	SMF6FLI	FLASH OVERLAY NAME
3702	(E76)	BITSTRING	1	SMF6FLC	NUMBER OF COPIES FLASHED
3703	(E77)	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
3704	(E78)	BITSTRING	1	SMF6FEND (0)	END OF FIRST EXTENSION
3704	(E78)	BITSTRING	1	SMF6FSIZ (0)	SIZE OF FIRST EXTENSION

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					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
3668	(E54)	BITSTRING	2	SMF6LN3	LENGTH OF SECTION INCLUDING THIS FIELD
3670	(E56)	CHARACTER	4	SMF6ROUT	OUTPUT ROUTE CODE
3674	(E5A)	CHARACTER	8	SMF6EFMN	OUTPUT FORM NUMBER
3682	(E62)	BITSTRING	1	SMF6REND (0)	END OF OLD ROUTING SECTION
3682	(E62)	BITSTRING	0	SMF6RSIZ (0)	SIZE OF OLD ROUTING SECTION
3682	(E62)	CHARACTER	16		RESERVED
3698	(E72)	CHARACTER	8	SMF6JBID	JOB ID
3706	(E7A)	CHARACTER	8	SMF6STNM	STEPNAME
3714	(E82)	CHARACTER	8	SMF6PRNM	PROCEDURE STEP NAME
3722	(E8A)	CHARACTER	8	SMF6DDNM	DD NAME
3730	(E92)	CHARACTER	8	SMF6USID	USER ID
3738	(E9A)	CHARACTER	8	SMF6SECS	SECURITY LABEL (SECLABEL)
3746	(EA2)	CHARACTER	8	SMF6PRMD	PROCESSING MODE
3754	(EAA)	CHARACTER	53	SMF6DSNM	DATA SET RESOURCE NAME
3807	(EDF)	CHARACTER	3		RESERVED
3810	(EE2)	CHARACTER	20	SMF6OTOK	OUTPUT GROUP TOKEN
3830	(EF6)	BITSTRING	1	SMF6DEND (0)	END OF ROUTING SECTION
3830	(EF6)	BITSTRING	1	SMF6DSIZ (0)	SIZE OF ROUTING SECTION
					Comment
					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
3668	(E54)	BITSTRING	2	SMF6LN4	LENGTH SECOND EXTENSION INCLUDING THIS FLD
3670	(E56)	BITSTRING	2	SMF6BNOF	OFFSET TO BIN SECTION
3670	(E56)	BITSTRING	2	SMF6RES	RESERVED - REDEFINES SMF6BNOF
3672	(E58)	BITSTRING	4	SMF6FONT	NUMBER OF FONTS USED
3676	(E5C)	BITSTRING	4	SMF6LFNT	NUMBER OF FONTS LOADED
3680	(E60)	BITSTRING	4	SMF6OVLY	NUMBER OF OVERLAYS USED
3684	(E64)	BITSTRING	4	SMF6LOLY	NUMBER OF OVERLAYS LOADED
3688	(E68)	BITSTRING	4	SMF6PGSG	NUMBER OF PAGE SEGMENTS USED
3692	(E6C)	BITSTRING	4	SMF6LPSG	NUMBER OF PAGE SEGMENTS LOADED
3696	(E70)	BITSTRING	4	SMF6IMPS	COUNT OF LOGICAL IMPRESSIONS PROCESSED
3700	(E74)	BITSTRING	4	SMF6FEET	NUMBER OF FEET OF DOCUMENT PRINTED (ZERO FOR THE 3820)
3704	(E78)	BITSTRING	4	SMF6PGDF	NUMBER OF PAGEDEFS USED
3708	(E7C)	BITSTRING	4	SMF6FMDF	NUMBER OF FORMDEFS USED
3712	(E80)	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
3713	(E81)	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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.... ..1.		SMF6SOER	"X'02'" ERROR OCCURRED PROCESSING SECURITY OVERLAY
		1		SMF6IGER	"X'01'" IMAGE GENERATOR OVERRUN ERROR OCCURRED
3714	(E82)	BITSTRING	1	SMF6FLG3	FLAG BYTE
		1...		SMF6SLIG	"X'80'" SECURITY LABEL INTEGRITY GUARANTEED
		.1..		SMF6JHPP	"X'40'" THE JOB HEADER PAGE WAS PRINTED
		..1.		SMF6JTPP	"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
3715	(E83)	BITSTRING	1		RESERVED
3716	(E84)	BITSTRING	4	SMF6NSOL	NUMBER OF SECURITY OVERLAYS USED
3720	(E88)	BITSTRING	4	SMF6NSFO	NUMBER OF SECURITY FONTS USED
3724	(E8C)	BITSTRING	4	SMF6NSPS	NUMBER OF SECURITY PAGE SEGMENTS USED
3728	(E90)	CHARACTER	8	SMF6FDNM	FORMDEF NAME
3736	(E98)	CHARACTER	8	SMF6PDNM	PAGEDEF NAME
3744	(EA0)	CHARACTER	8	SMF6PTDV	PRINTDEV NAME
3752	(EA8)	CHARACTER	32	SMF6OCNM	OBJECT CONTAINER NAME(S)
3752	(EA8)	CHARACTER	8	SMF6SETU	COMSETUP OBJECT CONTAINER NAME
3760	(EB0)	CHARACTER	8		RESERVED OBJECT CONTAINER NAME
3768	(EB8)	CHARACTER	8		RESERVED OBJECT CONTAINER NAME
3776	(EC0)	CHARACTER	8		RESERVED OBJECT CONTAINER NAME
3784	(EC8)	BITSTRING	4	SMF6LPGE	Count of logical pages processed
3788	(ECC)	BITSTRING	1	SMF6SEND (0)	END OF SECOND EXTENSION
3788	(ECC)	BITSTRING	1	SMF6SSIZ (0)	SIZE OF SECOND EXTENSION

Comment

MULTI-BINS HEADER SECTION (OFFSET DEFINED BY SMF6BNOF)

End of Comment

3604	(E14)	BITSTRING	2	SMF6BNLN	LENGTH BINS SECTION INCLUDING THIS FLD
3606	(E16)	BITSTRING	2	SMF6BNUM	NUMBER OF COUNTERS ENTRIES

Comment

MULTI-BINS COUNTER SECTION
- FOLLOWS "MULTI-BIN" HEADER SECTION

End of Comment

3604	(E14)	BITSTRING	1	SMF6BNNO	BIN NUMBER
3605	(E15)	BITSTRING	3	SMF6BNCT	BIN COUNTER
3608	(E18)	BITSTRING	2	SMF6BNLE	Paper length in millimeters
3610	(E1A)	BITSTRING	2	SMF6BNWI	Paper width in millimeters

Comment

ENHANCED SYSOUT SECTION

End of Comment

3668	(E54)	BITSTRING	2	SMF6LN5	LENGTH ENHANCED SYSOUT SECTION INCLUDING THIS FIELD
3670	(E56)	BITSTRING	4	SMF6SGID	SEGMENT IDENTIFIER
3674	(E5A)	BITSTRING	1	SMF6IND	SECTION INDICATOR
		1...		SMF6SJF	"X'80'" ERROR OBTAINING SWBTU - SWBTU DATA AREA NOT PRESENT
3675	(E5B)	BITSTRING	1	SMF6RSV	RESERVED
3676	(E5C)	CHARACTER	8	SMF6JDVT	JDVTNAME
3684	(E64)	BITSTRING	2	SMF6TUL	SWBTU DATA AREA LENGTH
3686	(E66)	CHARACTER	1	SMF6TU (0)	SWBTU DATA AREA - DATA AREA CAN BE PROCESSED USING SWBTUREQ MACRO
3686	(E66)	BITSTRING	1	SMF6EEND (0)	END OF ENHANCED SYSOUT SECTION
3686	(E66)	BITSTRING	1	SMF6ESIZ (0)	SIZE OF ENHANCED SYSOUT SEC.

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
FILE TRANSFER SECTION					
				End of Comment	
3668	(E54)	BITSTRING	2	SMF6LN6	LENGTH OF FILE TRANSFER SECTION INCLUDING THIS FIELD
3670	(E56)	BITSTRING	4	SMF6BYTE	TOTAL NUMBER OF BYTES SENT
3674	(E5A)	BITSTRING	1	SMF6IP1	1ST SEGMENT OF TARGET ADDRESS
3675	(E5B)	BITSTRING	1	SMF6IP2	2ND SEGMENT OF TARGET ADDRESS
3676	(E5C)	BITSTRING	1	SMF6IP3	3RD SEGMENT OF TARGET ADDRESS
3677	(E5D)	BITSTRING	1	SMF6IP4	4TH SEGMENT OF TARGET ADDRESS
3678	(E5E)	CHARACTER	12		RESERVED
3690	(E6A)	BITSTRING	2	SMF6PQLN	Length of Print Queue Name
3692	(E6C)	CHARACTER	1	SMF6PRTQ (0)	Print Queue Name
3692	(E6C)	BITSTRING	1	SMF6TEND (0)	END OF FILE TRANSFER SECTION
3692	(E6C)	BITSTRING	1	SMF6TSIZ (0)	SIZE OF FILE TRANSFER SECTION
				Comment	
THIS LINE DELETED BY APAR OZ84504					
				End of Comment	
3604	(E14)	BITSTRING	116	WTR06BSP	ALLOCATE SPACE - SMF6 BASE
3720	(E88)	BITSTRING	216	WTR06XSP	ALLOW SPACE FOR SMF6 EXTENTIONS 0371 0371 0371
3936	(F60)	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)	
				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	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATODSN	

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					IATYMOD BR=NO JES3 MODULE ENTRY POINT IDENTIFIER 01 Change Activity: $RJ=OS240 HJS6604 960522 PD0DR: OS 2.4.0
					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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
124	(7C)	SIGNED	4	WTROERSV (16)	REG SAVE FOR OSSNERR
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 (CHAINSIZE)
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

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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		..1.		WTROMCRJ	"X'20'" MUL. COPY REJ ON CURRENT DS
		...1		WTROSEDS	"X'10'" EDS SENT,WSOPEN REQ'D
		.... 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
252	(FC)	CHARACTER	1	WTROBLAN	BLANK CARD FOR PUNCH
253	(FD)	ADDRESS	1	WTROMSG1	
254	(FE)	CHARACTER	6		
260	(104)	CHARACTER	1	ERRID	
261	(105)	CHARACTER	5		
266	(10A)	CHARACTER	8	ERRJBN	
274	(112)	CHARACTER	2		
276	(114)	CHARACTER	8	ERRJBID	
284	(11C)	CHARACTER	9		
293	(125)	CHARACTER	8	ERRDD	
301	(12D)	CHARACTER	1		
302	(12E)	CHARACTER	71	ERRTYPE	START OF BUILD AREA
373	(175)	BITSTRING	1	OSSN26E (0)	
373	(175)	ADDRESS	1	WTROMSG2	
374	(176)	CHARACTER	15		
389	(185)	CHARACTER	8	MSG2DD	
397	(18D)	CHARACTER	1		
398	(18E)	CHARACTER	24		
422	(1A6)	BITSTRING	1	OSSN25E (0)	
424	(1A8)	SIGNED	4	WTRORSD5 (5)	RESERVED FOR DEVELOPMENT
444	(1BC)	SIGNED	4	WTRORSS5 (5)	RESERVED FOR SERVICE
464	(1D0)	SIGNED	4	WTRORSU5 (5)	RESERVED FOR USER
484	(1E4)	SIGNED	4	WTROPTCH (6)	PATCH AREA

IATYWTR3 Cross Reference

Name	Hex Offset	Hex Value
ACTIVE_LIMIT	6D8	FFFF
ALLOFF	6D8	8
ALLON	6D8	1
ALWAYS	6D8	F
ARMODOFF	6D8	0
ARMODON	6D8	200
CHARA	6D8	C1
CHARCMMA	6D8	6B
CHARF	6D8	C6
CHARNINE	6D8	F9
CHARZERO	6D8	F0
DSPCMXSZ	6D8	0
EQ	6D8	8
EQUHOBOF	6D8	FFFFFF
EQUHOBON	6D8	0
ERRDD	125	40404040
ERRID	104	40
ERRJBID	114	40404040
ERRJBN	10A	40404040
ERRTYPE	12E	40404040
FF	6D8	FF
GE	6D8	B
GT	6D8	2
IATODSN	0	
IATXOSCI	4C8	
IATXOSCO	4B8	
IATXOSG	4C4	
IATXOSOI	4C0	
IATXOSOO	4B0	
IATXOSP	4B4	
INREAL	6D8	8
INTK_SHARED_SUBPOOL	6D8	9
JOB_NUMBER_SHIFT	6D8	10
J3AUXTRC	6D8	F018
J3MAXMP	6D8	20
J3NUCTRC	6D8	1E018
J3TRCMAX	6D8	3FF
J3TRCSZ	6D8	21000
LE	6D8	D
LENTHINV	6D8	1
LOCKED	6D8	4
LT	6D8	4
MAXIMUM_COMPATIBLE_JOB	6D8	FFFE
MAXIMUM_JOB_NUMBER_ALLOWED	6D8	F423F
MAXIMUM_JOB_NUMBER_MASK	6D8	FFFF
MAXIMUM_JOBS_IN_DJC_NET	6D8	7FFF
MINUS	6D8	4
MIXED	6D8	4
MSG2DD	185	40404040
M00M0006	0	280
NALLOFF	6D8	5
NALLON	6D8	C
NE	6D8	7
NMINUS	6D8	B
NOP	6D8	0
NOTIREAL	6D8	7
NOV	6D8	C
NPLUS	6D8	D
NZERO	6D8	7
OSSN25E	1A6	
OSSN26E	175	
OV	6D8	1
PAGTBINV	6D8	2
PLUS	6D8	2
SAFEXTSP	6D8	F0
SAFMSGSP	6D8	F0
SECTKNLN	6D8	50
SEGTBINV	6D8	4
SMFCBIE	E4B	1
SMFJ6	E19	6
SMFRCD6	E14	E14
SMF6BID	E77	
SMF6BIN	E80	
SMF6BIN1	E80	80
SMF6BIN2	E80	40
SMF6BIN3	E80	20
SMF6BIN4	E80	10
SMF6BNCT	E15	
SMF6BNLE	E18	
SMF6BNLN	E14	
SMF6BNNO	E14	
SMF6BNOF	E56	
SMF6BNUM	E16	
SMF6BNWI	E1A	
SMF6BTS	E77	80
SMF6BYTE	E56	
SMF6CCE	E70	2
SMF6CHR	E5E	
SMF6CPS	E56	
SMF6CSP	E77	20
SMF6DCI	E56	
SMF6DCRV	E56	80
SMF6DDNM	E8A	
SMF6DEND	EF6	
SMF6DFE	E70	
SMF6DIE	E4B	4
SMF6DPGL	E81	10
SMF6DPLS	E82	10
SMF6DSIZ	EF6	
SMF6DSNM	EAA	
SMF6DTE	E1E	C
SMF6DUPS	E81	80
SMF6DUPT	E81	40
SMF6EEND	E66	
SMF6EFMN	E5A	
SMF6END	E88	
SMF6END2	E72	
SMF6ESIZ	E66	
SMF6ESS1	E51	10
SMF6FCB	E64	
SMF6FDNM	E90	
SMF6FEET	E74	
SMF6FEND	E78	
SMF6FEXT	E51	80
SMF6FLC	E76	
SMF6FLG	E18	0
SMF6FLG3	E82	
SMF6FLI	E72	
SMF6FMDF	E7C	
SMF6FMN	E4D	40404040

Name	Hex Offset	Hex Value
SMF6FONT	E58	
SMF6FSIZ	E78	
SMF6FTFR	E51	8
SMF6GRP	E74	
SMF6IGER	E81	1
SMF6IMPS	E70	
SMF6IND	E5A	
SMF6INDC	E57	
SMF6INT	E56	1
SMF6IOE	E4B	0
SMF6IP1	E5A	
SMF6IP2	E5B	
SMF6IP3	E5C	
SMF6IP4	E5D	
SMF6JBID	E72	
SMF6JBN	E26	40404040
SMF6JDVT	E5C	
SMF6JHPP	E82	40
SMF6JNM	E58	
SMF6JTPP	E82	20
SMF6J2L3	E57	3
SMF6J2L4	E57	4
SMF6J2S	E6C	E70
SMF6J3L3	E57	3
SMF6J3L4	E57	4
SMF6J3S	E70	E70
SMF6LEN	E14	
SMF6LEV2	E57	1
SMF6LEV3	E57	1
SMF6LEV4	E57	5
SMF6LEV6	E57	6
SMF6LFNT	E5C	
SMF6LN1	E54	
SMF6LN2	E54	
SMF6LN3	E54	
SMF6LN4	E54	
SMF6LN5	E54	
SMF6LN6	E54	
SMF6LOLY	E64	
SMF6LPGE	EC8	
SMF6LPSG	E6C	
SMF6LSIZ	E88	
SMF6MID	E6E	
SMF6NDS	E4C	0
SMF6NLR	E47	0
SMF6NSFO	E88	
SMF6NSOL	E84	
SMF6NSPS	E8C	
SMF6OCN	E56	20
SMF6OCNM	EA8	
SMF6OPJ	E77	40
SMF6OPR	E72	
SMF6OR	E56	8
SMF6ORD	E56	10
SMF6OSS	E56	2
SMF6OTOK	EE2	
SMF6OUT	E5C	
SMF6OVLY	E60	
SMF6OWC	E3E	40
SMF6PAD1	E51	0
SMF6PDNM	E98	
SMF6PGDF	E78	
SMF6PGE	E6C	
SMF6PGOP	E81	
SMF6PGSG	E68	
SMF6PQLN	E6A	
SMF6PRMD	EA2	
SMF6PRNM	E82	
SMF6PRTQ	E6C	
SMF6PTDV	EA0	
SMF6RBE	E70	1
SMF6REND	E62	
SMF6RES	E56	
SMF6REXT	E51	40
SMF6ROR	E56	4
SMF6ROUT	E56	
SMF6RSD	E32	C
SMF6RSIZ	E62	
SMF6RST	E2E	0
SMF6RSV	E5B	
SMF6RSVJ	E7C	
SMF6RSVU	E84	
SMF6RTE	E70	
SMF6RTY	E19	0
SMF6SBS	E52	
SMF6SDS	E56	40
SMF6SECS	E9A	
SMF6SEG	E16	
SMF6SEND	ECC	
SMF6SETU	EA8	
SMF6SEXT	E51	20
SMF6SGID	E56	
SMF6SID	E22	40404040
SMF6SIZ	E88	
SMF6SIZ2	E72	
SMF6SIZ3	E72	
SMF6SJF	E5A	80
SMF6SLIG	E82	80
SMF6SOER	E81	2
SMF6SPGL	E81	4
SMF6SSIZ	ECC	
SMF6STNM	E7A	
SMF6SUCC	E81	8
SMF6SYSA	E81	20
SMF6TEND	E6C	
SMF6TME	E1A	0
SMF6TSIZ	E6C	
SMF6TU	E66	
SMF6TUL	E64	
SMF6UCS	E68	
SMF6UIF	E36	40404040
SMF6UPAS	E82	8
SMF6USID	E92	
SMF6WSD	E43	C
SMF6WST	E3F	0
SPECIAL_JOB_XFFFF		
	6D8	FFFF
TKNMAPLN	6D8	50
UNLIMITED_DSP_COUNT		
	6D8	F423F
UNLIMITED_JOB_COUNT		
	6D8	FFFFFF
UNLIMITED_JOB_COUNT2		
	6D8	FFFF
UNLOCKED	6D8	8
WSPACONS	834	0
WSPAECF	6DC	
WSPARQ	894	
WSPASUP	890	
WSPBCMPL	7BE	8

Name	Hex Offset	Hex Value
WSPBDTRQ	6FA	40
WSPBHOLD	7BD	40
WSPBOTH	88A	10
WSPBUFNB	72C	0
WSPCARR	8E0	14
WSPCCNTL	730	40
WSPCDE	7CC	0
WSPCDEST	71F	80
WSPCHAIN	6D8	
WSPCHNGE	6E3	4
WSPCKJBC	71A	0
WSPCKJBI	794	
WSPCKPRQ	6E3	1
WSPCKPT	6E3	80
WSPCLAS	8E0	20
WSPCLNUP	71F	10
WSPCLSN	8FB	0
WSPCLSRT	7C0	18
WSPCLSS	8FC	40404040
WSPCMPL	6E3	40
WSPCPMOD	8E0	28
WSPCRJOB	814	
WSPCSBT	7BE	40
WSPCTRL1	7BD	10
WSPCTRL2	7BD	8
WSPCVER	81B	1
WSPDEL	6E2	10
WSPDEST	8E0	8
WSPDFDST	71E	20
WSPDFLNE	8F6	40
WSPDM206	8F7	80
WSPDSHLD	7BE	20
WSPDSPTY	8F6	80
WSPDSRST	7BE	10
WSPDSTSK	7BF	20
WSPDUMPT	8FA	80
WSPEND	920	
WSPERCVW	708	
WSPEXTS	88A	80
WSPFAILD	6E3	2
WSPFCBID	808	40404040
WSPFDB	898	0
WSPFDBS	898	
WSPFDBSV	6FC	
WSPFDBT	6E4	0
WSPFFDBV	731	0
WSPFIRRQ	6E2	10
WSPFLAG	6E2	0
WSPFLASH	8E0	24
WSPFLGS	88A	0
WSPFLG1	6E3	0
WSPFLG10	8FA	0
WSPFLG2	8F6	0
WSPFLG3	8F7	0
WSPFLG4	7BD	0
WSPFLG5	7BE	0
WSPFLG6	7BF	0
WSPFLG7	71F	0
WSPFLG8	6FA	0
WSPFLG9	71E	0
WSPFL701	71F	1
WSPFL702	71F	2
WSPFL708	71F	8
WSPFL901	71E	1
WSPFL902	71E	2
WSPFL904	71E	4
WSPFORM	8E0	10
WSPFRSDD	8F8	0
WSPGET	6E2	2
WSPGETRL	8F6	8
WSPGJNAM	8FA	20
WSPGLOB1	7BF	2
WSPGTMND	7BF	80
WSPHWCNT	6E1	0
WSPHWLK	8F7	4
WSPHWWQP	6FA	2
WSPHWWSP	8B4	
WSPIBDCI	81A	1
WSPID	788	40404040
WSPIDENT	81A	
WSPIDJOT	81A	2
WSPIDMJA	81A	3
WSPIIQOS	81A	4
WSPIMOCP	81A	5
WSPIMOOS	81A	6
WSPINTNR	81A	7
WSPINTRS	81A	8
WSPIOSB1	81A	9
WSPIOSB2	81A	A
WSPIOSB3	81A	B
WSPIOSD1	81A	C
WSPIOSD2	81A	D
WSPIOSF1	81A	E
WSPIOSF2	81A	F
WSPIOSSD	81A	10
WSPIOSSO	81A	11
WSPIOSW1	81A	12
WSPIOSW2	81A	13
WSPIP	88A	20
WSPIPURG	81A	14
WSPISIOP	81A	15
WSPJBFND	6FA	4
WSPJDS	6F4	0
WSPJOBCM	7C0	C
WSPJOBID	6DA	6DA
WSPJOBRP	71F	4
WSPLEN	6F2	
WSPLINE	8E0	1C
WSPLTOS	7BD	4
WSPLTSNO	7BE	2
WSPMASK	6E0	0
WSPMLREQ	7BE	4
WSPNDOPT	71E	8
WSPNJE	7BF	4
WSPNJERC	8B0	
WSPNJERD	6FA	10
WSPNJERT	6FA	20
WSPNOSAF	7BF	40
WSPNULL	8E0	0
WSPOCHN	86C	0
WSPOCNT	878	0
WSPOFFST	72E	0
WSPOFST	8F4	0
WSPOKRET	6E2	8
WSPOSA	7C8	0
WSPOSE	8A8	
WSPOSEBN	8A4	0
WSPOSEID	716	D6E2C540
WSPOSELK	6E2	80
WSPOSERD	7C0	0

Name	Hex Offset	Hex Value
WSPOSERL	7C0	4
WSPOSEWR	7C0	8
WSPOSPC	6FB	0
WSPOSPND	8F7	2
WSPOSS	8AC	
WSPOSSWB	882	0
WSPOSTJC	6E4	
WSPOSTJI	798	
WSPOUTBN	8B4	0
WSPPAGE	88C	0
WSPPBSKP	71F	20
WSPPECF	7C1	0
WSPPEND	6E3	8
WSPPENSA	7D0	0
WSPPGREL	8F6	1
WSPPMODE	8E0	30
WSPPOSTD	6E3	20
WSPPRTY	8E0	4
WSPPSCPT	728	0
WSPPSDRT	81C	
WSPPSOSC	7BF	10
WSPPSOTM	80C	0
WSPPTYPF	8F6	20
WSPPTYSV	8F2	0
WSPPUT	6E2	4
WSPQCHG	71E	40
WSPRCAWR	6FB	7
WSPRCCL	6FB	0
WSPRCDAC	6FB	4
WSPRCDAT	6FB	8
WSPRCDMP	6FB	FF
WSPRCERR	7BD	80
WSPRCINV	6FB	6
WSPRCJOB	6FB	1
WSPRCOUT	6FB	5
WSPRCPSO	6FB	2
WSPRCRQ	6FB	3
WSPRECRD	6D8	6D8
WSPREL	6E2	8
WSPRESQ	7C4	
WSPRQACC	6FA	80
WSPRQADR	830	
WSPRQCMP	6E2	1
WSPRQFDB	708	0
WSPRQINV	7BD	1
WSPRQPRM	6FA	8
WSPRQRQD	8F6	10
WSPRQWS	8F7	8
WSPRSTD	8F6	2
WSPRSTG	8F6	4
WSPRSVDV	735	
WSPRSVD2	8B8	
WSPRSVD7	88B	0
WSPRSVD8	828	0
WSPRSVD9	818	
WSPRSVFX	8F3	0
WSPRSVS3	840	0
WSPRSVS4	79C	0
WSPRSVU1	838	0
WSPRSVU2	858	0
WSPRSV01	71C	
WSPRTNIN	7C0	0
WSPRTN20	7C0	14
WSPSADUM	7BE	1
WSPSAFFL	6E3	1
WSPSAPEN	7BE	80
WSPSAPRO	7BD	20
WSPSAVE	724	0
WSPSAVEA	7E0	0
WSPSAVE2	7D8	0
WSPSAVE3	7DC	0
WSPSAVE4	820	
WSPSCHED	6E2	1
WSPSDWAD	824	0
WSPSECPT	720	0
WSPSELC	8F0	10
WSPSELD	8C0	0
WSPSELM	8E0	0
WSPSELMX	8E0	30
WSPSELT	8D0	0
WSPSIZE	920	
WSPSKJOB	7BF	8
WSPSOTBN	88A	40
WSPSRCHP	71E	10
WSPSSREQ	6E2	40
WSPSTA	7D4	0
WSPSTACK	8E0	2C
WSPSTART	6D8	
WSPSTRTD	6E3	10
WSPSWBID	888	
WSPSWTR	8F7	10
WSPSYSRQ	6E2	20
WSPTEEND	840	840
WSPTEEND_V0	838	840
WSPTEJBC	6D8	0
WSPTEJBI	790	
WSPTESIZ	840	168
WSPTESIZ_V0	838	168
WSPTESSO	840	
WSPTESSO_V0	840	
WSPTEUID	6DA	
WSPTOKEN	738	
WSPTPID	87A	40404040
WSPTSO	6E3	8
WSPTYPE	8E0	C
WSPUCS	8E0	18
WSPUCSID	804	40404040
WSPUNSCH	71F	40
WSPURSTA	7BD	2
WSPUSRID	7BF	1
WSPVER	81B	
WSPVER01	81B	1
WSPWOSP	8F7	20
WSPWOSW	8F7	40
WSPWSTME	850	0
WSPWTRSC	7C0	10
WSPWTSCH	8F7	1
WSPXJMR	71E	80
WSPYOSPC	78C	
WSP10R01	8FA	1
WSP10R02	8FA	2
WSP10R04	8FA	4
WSP10R08	8FA	8
WSP10R10	8FA	10
WSP206IS	8FA	40
WSP8RSV3	6FA	1
WTRCIMPL	F0	40404040
WTRCRDS	4A8	0
WTRDAREA	4D0	
WTRDATE	468	0

Name	Hex Offset	Hex Value
WTRDCCDB	2C	
WTRDCDEP	4CC	
WTRDCFLG	EA	0
WTRDCLR	4BC	
WTRDCMDQ	618	80
WTRDCRVS	EA	80
WTRDCTAD	528	
WTRDCTPG	610	0
WTRDCUPG	60C	0
WTRDDCDB	8C	
WTRDDIAG	50C	
WTRDDSER	510	
WTRDDSN	5B4	40404040
WTRDDSNF	105	
WTRDDSNL	104	
WTRDECFE	A6C	FFFFFFFF
WTRDECFL	A5C	0
WTRDECF1	A5C	0
WTRDECF2	A64	0
WTRDFAIL	494	
WTRDFDJN	518	
WTRDFLGI	48B	0
WTRDFLGO	44C	0
WTRDFSA	53E	0
WTRDFSID	53C	
WTRDFSS	53C	0
WTRDIARE	4E0	
WTRDICDE	4DC	
WTRDIDDN	478	40404040
WTRDIDEV	488	404040
WTRDIMOD	487	0
WTRDINAM	4E4	40404040
WTRDINTS	4A0	
WTRDINTV	EC	40
WTRDINVO	102	80
WTRDISTY	483	40404040
WTRDITYP	480	404040
WTRDJDST	61F	40
WTRDJFLG	61F	70
WTRDJFLS	61F	20
WTRDJFRM	61F	10
WTRDJID	5D4	40404040
WTRDJNAM	5CC	40404040
WTRDLDCM	102	20
WTRDLDST	102	10
WTRDLFCB	102	1
WTRDLFLS	102	8
WTRDLFRM	102	4
WTRDLGCR	530	
WTRDLMRC	102	80
WTRDLMSG	102	40
WTRDLOCN	621	10
WTRDLUCS	102	2
WTRDMDDS	504	
WTRDMDD2	508	
WTRDMGAC	524	1
WTRDMGNA	524	0
WTRDMPRQ	670	B
WTRDMSAV	619	0
WTRDMSG	230	
WTRDMSGF	EC	0
WTRDMSGI	2C4	0
WTRDMSGO	3B0	40404040
WTRDMSGP	EC	80
WTRDMSGR	524	

Name	Hex Offset	Hex Value
WTRDMSK1	A63	0
WTRDMSK2	A6B	0
WTRDM731	ED	0
WTRDNAME	4F8	
WTRDODDN	428	40404040
WTRDODEV	438	40404040
WTRDODV3	438	439
WTRDOFLG	618	1
WTRDOMOD	437	0
WTRDONAM	4D4	40404040
WTRDOSTY	433	40404040
WTRDOTOK	18F	F0404040
WTRDOTYP	430	404040
WTRDPFLG	102	0
WTRDPGCT	4AC	0
WTRDPPSR	520	
WTRDPSTF	618	0
WTRDQMSG	4F4	
WTRDQRTN	0	4
WTRDRCDS	4A4	0
WTRDRCER	618	4
WTRDRFOR	4F0	
WTRDRLJN	51C	
WTRDRRTN	0	8
WTRDRSQ	5DC	
WTRDRSVD	E04	0
WTRDRSV0	616	0
WTRDRSV1	654	0
WTRDRSV2	65C	0
WTRDRSV3	670	0
WTRDRSV5	49C	0
WTRDRTOK	1DF	F0404040
WTRDSADD	618	8
WTRDSECA	24	
WTRDSECT	0	
WTRDSNAM	514	
WTRDSPRT	618	40
WTRDSTQ1	670	14
WTRDSTQ2	670	15
WTRDSTQ3	670	16
WTRDSTQ4	670	17
WTRDSTUP	4FC	
WTRDSUPI	498	
WTRDSUPO	474	
WTRDTMEX	EC	20
WTRDTMOT	618	2
WTRDTYPE	430	
WTRDUDST	61F	4
WTRDUFLG	61F	7
WTRDUFLS	61F	2
WTRDUFRM	61F	1
WTRDWAIT	500	
WTRDWSTM	624	0
WTRDXCDB	280	
WTRDXCDB_KEYUSED_CMDIND		
	2A7	80
WTRDXCDB_XABEND		
	289	
WTRDXCDB_XABEND_NO		
	289	40
WTRDXCDB_XABEND_YES		
	289	80
WTRDXCDB_XCART		
	2AC	
WTRDXCDB_XCMDIND_NO		

Name	Hex Offset	Hex Value
	2A6	40
WTRDXCDB_XCMDIND_YES		
	2A6	80
WTRDXCDB_XCNDB		
	28C	
WTRDXCDB_XCONSID		
	29C	
WTRDXCDB_XCONSNM		
	298	
WTRDXCDB_XEYECATCH		
	281	
WTRDXCDB_XFLAG1		
	287	
WTRDXCDB_XFLAG2		
	2A6	
WTRDXCDB_XINCNDB		
	294	
WTRDXCDB_XKEYS		
	2A7	
WTRDXCDB_XOPERATION_EXTRACTCART		
	0	10
WTRDXCDB_XOPERATION_EXTRACTCONSID		
	287	100
WTRDXCDB_XOPERATION_EXTRACTCONSNAME		
	287	80
WTRDXCDB_XOPERATION_EXTRACTCONSTYPE		
	0	40
WTRDXCDB_XOPERATION_EXTRACTROUT		
	0	20
WTRDXCDB_XOPERATION_INITIALIZE		
	287	8000
WTRDXCDB_XOPERATION_RESET		
	287	1000
WTRDXCDB_XOPERATION_TRANSCONSID		
	287	400
WTRDXCDB_XOPERATION_TRANSFER		
	287	4000
WTRDXCDB_XOPERATION_TRANSROUT		
	287	200
WTRDXCDB_XOPERATION_UPDATE		
	287	2000
WTRDXCDB_XOPERATION_VERIFY		
	287	800
WTRDXCDB_XOUTCART		
	2BC	
WTRDXCDB_XOUTCNDB		
	290	
WTRDXCDB_XOUTCONSID		
	2A0	
WTRDXCDB_XOUTCONSNAME		
	2B0	
WTRDXCDB_XOUTCONSTYPE		
	2B4	
WTRDXCDB_XOUTROUT		
	2B8	
WTRDXCDB_XROUT		
	2A8	
WTRDXCDB_XRSV001		
	28B	
WTRDXCDB_XRSV002		
	2A4	
WTRDXCDB_XUSERADDR		
	28A	
WTRDXCDB_XVERSION		
	280	

Name	Hex Offset	Hex Value
WTRDXCDBL	2BC	40
WTRDYNAM	5E0	C4E8D5C1
WTRENFDS	48B	40
WTRENTNM	131	
WTRFBUSY	D77	20
WTRFCKAL	621	20
WTRFCLPI	621	4
WTRFCLR	5B3	4
WTRFCPER	4BC	4BC
WTRFCPIP	621	2
WTRFDCPI	5B3	80
WTRFDOSU	5B3	1
WTRFDRET	5B2	8
WTRFDSAD	5E8	
WTRFDSUP	5B2	4
WTRFDUMP	5B1	2
WTRFDVRS	5B2	1
WTRFENQ	184	
WTRFENQW	670	1B
WTRFFAIL	5B3	2
WTRFFIT	621	80
WTRFFLGA	623	0
WTRFFLG1	5B0	0
WTRFFLG2	5B1	0
WTRFFLG3	5B2	0
WTRFFLG4	5B3	0
WTRFFLG5	61E	0
WTRFFLG6	61F	0
WTRFFLG7	620	0
WTRFFLG8	621	0
WTRFFLG9	622	0
WTRFFRIP	61E	10
WTRFFSA	5B0	20
WTRFFSAA	5B0	8
WTRFFSRC	5B1	20
WTRFFSS	5B0	40
WTRFFSSA	5B0	10
WTRFGDEP	4DC	
WTRFGDRN	564	0
WTRFGDSF	670	E
WTRFGRCM	620	40
WTRFGTRL	5B2	80
WTRFINEP	4D4	
WTRFINZ0	621	40
WTRFISET	5B1	40
WTRFIWTO	621	8
WTRFJMRA	650	0
WTRFJNDS	5B3	10
WTRFJNNX	5B3	8
WTRFJNWS	9D8	
WTRFJOSL	61E	8
WTRFJTRL	5B3	20
WTRFMANU	620	80
WTRFMFSS	5B0	80
WTRFMID	548	40404040
WTRFMPAD	558	
WTRFMPDL	5B1	80
WTRFMPER	5B0	2
WTRFNCKP	5B0	1
WTRFNDMP	622	4
WTRFNEWS	623	40
WTRFOSDP	621	1
WTRFPDQC	5F4	
WTRFPDQF	5EC	
WTRFPDQL	5F0	

Name	Hex Offset	Hex Value
WTRFPDQS	5FC	
WTRFPORQ	5B1	4
WTRFPRIM	620	10
WTRFPURC	940	0
WTRFQREQ	61E	2
WTRFQUET	622	40
WTRFRCFM	565	0
WTRFRCUR	5B1	1
WTRFRDEP	4E0	
WTRFRECL	566	0
WTRFRESP	5B0	4
WTRFRSCD	5B3	40
WTRFRSTR	61E	80
WTRFRSVD	580	
WTRFRSVS	58C	
WTRFRSVU	59C	
WTRFRSVX	5F8	
WTRFRSV1	4CC	
WTRFRVA1	623	20
WTRFRVA2	623	10
WTRFRVA3	623	8
WTRFRVA4	623	4
WTRFRVA5	623	2
WTRFRVA6	623	1
WTRFSAAC	670	1
WTRFSAAD	554	
WTRFSABN	620	4
WTRFSAFL	52C	
WTRFSARS	5B2	2
WTRFSASA	670	5
WTRFSATM	620	8
WTRFSDDN	61E	1
WTRFSEET	622	80
WTRFSETE	4D0	
WTRFSMSG	5B2	10
WTRFSNUM	670	13
WTRFSRS	61E	4
WTRFSSAD	550	
WTRFSSNM	540	40404040
WTRFSSSA	670	4
WTRFSTAR	55C	0
WTRFSTAT	EC	1
WTRFSTRS	61E	40
WTRFSVAL	5B2	20
WTRFSV10	560	0
WTRFSWRK	57C	
WTRFSYET	622	20
WTRFSYWM	578	
WTRFSYWT	61E	20
WTRFTEEP	4E4	
WTRFTREQ	5B2	40
WTRFUIR	5B1	10
WTRFUX45	62C	0
WTRFVOFF	620	20
WTRFWOSU	61B	0
WTRFWUAL	622	1
WTRF0FDB	623	80
WTRF3MSG	588	
WTRGDSST	670	12
WTRIA	D66	80
WTRIADR1	A3C	0
WTRIADR2	A44	0
WTRIBEQ	D68	80
WTRIC	D66	40
WTRICALL	D6E	10
WTRICBEQ	D68	40
WTRICCWB	D74	10
WTRICEQ	D6C	8
WTRICFLC	D38	
WTRICHEQ	D68	20
WTRICHNG	D72	8
WTRICKEQ	D6A	1
WTRICKIV	9D4	0
WTRICKPG	620	2
WTRICKPT	A14	0
WTRICKSC	620	1
WTRICLSP	D42	40404040
WTRICMEQ	D68	10
WTRICNCL	D6E	20
WTRICNTP	D41	
WTRICNTR	D36	
WTRICOPY	D2B	
WTRICPEQ	D68	8
WTRICPMI	D72	1
WTRICPPL	D72	2
WTRICPYC	D37	
WTRICPYE	D2E	0
WTRICPYN	D36	
WTRICPYS	D2C	
WTRICPYT	A96	0
WTRICTEQ	D68	4
WTRICTKN	958	0
WTRICURR	614	0
WTRID	D66	20
WTRIDBPM	A38	
WTRIDEQ	D68	2
WTRIDL	D76	18
WTRIDLE	D72	10
WTRIDLES	188	0
WTRIDOFD	CE2	
WTRIDS	D73	20
WTRIDSBG	D71	80
WTRIDSC	D76	2C
WTRIDSD	D76	28
WTRIDSDN	D71	40
WTRIDSLD	D71	10
WTRIDSO	D76	10
WTRIDSOP	D73	4
WTRIDSR	D76	14
WTRIDSS	D6E	2
WTRIEND	D72	80
WTRIEP	D76	1C
WTRIERIN	D70	4
WTRIFDBI	920	0
WTRIFDBS	D04	0
WTRIFEQ	D68	1
WTRIFFDB	D04	
WTRIFLCN	D2D	
WTRIFLEQ	D69	80
WTRIFLG1	D6F	0
WTRIFLG2	D70	0
WTRIFLG3	D71	0
WTRIFLG4	D72	0
WTRIFLG5	D73	0
WTRIFLG6	D74	0
WTRIFLG7	D77	0
WTRIFLG8	D75	0
WTRIG	D66	10
WTRIGNO	D76	30
WTRIHEQ	D69	40

Name	Hex Offset	Hex Value
WTRIHLD	D67	8
WTRIHOT	D72	40
WTRIHRSN	CDF	0
WTRIHTYP	CDE	0
WTRIINL	D74	2
WTRIJ	D66	8
WTRIJDSH	D74	80
WTRIJDSP	A30	
WTRIJEQ	D69	20
WTRIJMRD	D80	
WTRIJMRQ	D84	
WTRIJOB	D73	40
WTRIJOBS	D6E	4
WTRIJS	D76	0
WTRIKDSI	D74	40
WTRIKPJS	D71	1
WTRIL	D66	4
WTRILEN1	A38	0
WTRILEN2	A40	0
WTRILEQ	D69	10
WTRILNCT	A54	0
WTRILPOS	A98	0
WTRIM	D66	2
WTRIMANM	D73	10
WTRIMFLA	D66	
WTRIMFLB	D68	
WTRIMFLP	D6E	0
WTRIMFLS	D66	
WTRIMFL1	D66	0
WTRIMFL2	D67	0
WTRIMFL3	D68	0
WTRIMFL4	D69	0
WTRIMFL5	D6A	0
WTRIMFL6	D6B	0
WTRIMFL7	D6C	0
WTRIMFL8	D6D	0
WTRIMNT	D6E	1
WTRIMPM1	D66	5D
WTRIMPM2	D67	7F
WTRIMPM3	D68	FF
WTRIMPM4	D69	FF
WTRIMPM5	D6A	FB
WTRIMPM6	D6B	FF
WTRIMPM7	D6C	FF
WTRIMPM8	D6D	FF
WTRIM201	D67	1
WTRIM202	D67	2
WTRIM701	D6C	1
WTRIM702	D6C	2
WTRIM704	D6C	4
WTRIN	D66	1
WTRINAV	D2A	40
WTRINDSR	D72	4
WTRINDX	D76	0
WTRINEGV	D70	2
WTRINLCN	A92	0
WTRINNPR	D70	20
WTRINON	94E	0
WTRINONE	D73	8
WTRINOTS	A10	
WTRINOT1	9E0	0
WTRINOT2	9F8	0
WTRINPRO	9D0	0
WTRINTCN	A94	0
WTRINVEQ	D69	8
WTRIOPNS	D75	80
WTRIOS	D70	80
WTRIOSE	A9C	
WTRIOSEN	D75	40
WTRIOSL	D74	4
WTRIOSSZ	BFC	240
WTRIOTEQ	D69	4
WTRIP	D67	80
WTRIPAGE	D71	20
WTRIPAGF	D74	8
WTRIPAGS	A4C	0
WTRIPARM	A34	0
WTRIPFOK	D70	1
WTRIPFOR	9DC	0
WTRIPGEQ	D6A	2
WTRIPMEQ	D6A	8
WTRIPO	D76	24
WTRIPOFF	94C	0
WTRIPRAG	D74	20
WTRIPT	D76	20
WTRIPTK1	940	0
WTRIPTK2	946	0
WTRIPTRA	940	0
WTRIR	D67	40
WTRIRCD	D67	4
WTRIRCDS	A48	0
WTRIRCUR	EC	10
WTRIREOF	D70	10
WTRIREPO	DA0	0
WTRIREQ	D69	2
WTRIREST	CDC	0
WTRIRJPE	D71	2
WTRIRM	D76	C
WTRIROEQ	D6A	4
WTRIRPOS	A50	0
WTRIRQAD	A2C	
WTRIRSCD	D71	4
WTRIRSCH	D72	20
WTRIRSFL	D78	0
WTRIRSTR	D6E	40
WTRIRSTX	9A8	40404040
WTRIRSVD	9D6	0
WTRIRSV1	9C0	0
WTRIRSV2	D88	0
WTRIRSV4	DA4	0
WTRIS	D67	20
WTRISELP	D39	0
WTRISET	CDD	0
WTRISLEN	A58	0
WTRISMFL	D77	40
WTRISMFT	D77	80
WTRISREQ	D73	80
WTRISTAR	618	10
WTRISTEQ	D69	1
WTRISTER	D70	8
WTRISTRT	D6E	80
WTRISTUP	D70	40
WTRISU	D76	4
WTRISYND	D6E	8
WTRISYS	6D8	
WTRISYSE	DAC	
WTRISZEQ	D6A	80
WTRIT	D67	10
WTRITLC	D76	34
WTRITRNC	D71	8

Name	Hex Offset	Hex Value
WTRIUEQ	D6A	10
WTRIVLOR	D73	1
WTRIVO	D76	8
WTRIWCEQ	D6A	40
WTRIWFIT	670	F
WTRIWMSG	D73	2
WTRIWORK	D20	40404040
WTRIWRK	D04	D04
WTRIWRKM	D04	D04
WTRIWSC	D6B	8
WTRIWSCL	D6B	1
WTRIWSCM	D6C	40
WTRIWSD	D6B	40
WTRIWSEQ	D6A	20
WTRIWSF	D6B	10
WTRIWSFL	D6C	80
WTRIWSL	D6B	2
WTRIWSP	D6B	80
WTRIWSPM	D6C	10
WTRIWSST	D6C	20
WTRIWST	D6B	20
WTRIWSU	D6B	4
WTRIZLEN	DAC	
WTRI7030	618	20
WTRI7072	D74	1
WTRJPDV	EC	4
WTRJTRNX	622	8
WTRLNTRN	EC	2
WTRLOGID	D98	40404040
WTRLOGNM	D90	40404040
WTRMPEPT	4EC	
WTRNOACT	622	10
WTRNOSPN	61A	0
WTRNSTAR	670	1C
WTRNZIOR	670	10
WTROAMSG	F9	40
WTROASA	26	8
WTROBLAN	FC	40
WTROCDEP	538	
WTROCHOR	EC	8
WTROCLOS	44C	40
WTROCONS	44C	8
WTRODS	44C	4
WTRODVOP	27	4
WTROEC14	38	0
WTROEJCC	F0	0
WTROEJDN	27	40
WTROEJRQ	27	80
WTROEOCR	F8	80
WTROERSE	27	1
WTROERSV	7C	0
WTROER14	34	0
WTROEXCP	27	2
WTROFLG1	26	0
WTROFLG2	27	0
WTROFMCC	F6	80
WTROFMEC	F6	20
WTROFMFC	F6	40
WTROFMTN	F6	10
WTROINT	26	40
WTROINTM	26	10
WTROINTP	26	20
WTROINVR	F9	10
WTROLBL	44C	10
WTROLCPY	F1	0
WTROLCTB	D0	0
WTROLDEN	F6	8
WTROLGSL	166	
WTROLGST	167	
WTROLIST	44C	1
WTROLRCT	F2	0
WTROMCFL	F6	0
WTROMCH	26	4
WTROMCRJ	F7	20
WTROMLST	C0	0
WTROMSG1	FD	
WTROMSG2	175	
WTRONNP	44C	1
WTRONXPG	F8	40
WTROODSN	FC	D6
WTROOPEN	F7	40
WTROOVER	26	80
WTROPCC1	F5	0
WTROPDIR	FC	
WTROPGCT	F3	0
WTROPPQF	600	
WTROPPQL	608	
WTROPPQN	604	
WTROPTCC	F4	0
WTROPTCH	1E4	0
WTROREAL	44C	20
WTROREG	44C	2
WTROREPO	F8	20
WTRORJCT	44C	80
WTRORQOP	F7	1
WTRORSD5	1A8	0
WTRORSS5	1BC	0
WTRORSU5	1D0	0
WTROSEAR	9BC	
WTROSEDS	F7	10
WTROSERR	2C	0
WTROSESS	F9	20
WTROSNA1	F7	0
WTROSNA2	F8	0
WTROSNA3	F9	0
WTROSPC1	26	1
WTROSPC2	26	2
WTROSPLT	27	10
WTROSREC	27	20
WTROSUSP	F7	8
WTROTRNC	27	8
WTROTRUN	44C	20
WTROUXIT	F7	4
WTROUX21	F7	80
WTROVOFF	F9	80
WTROVOL	44C	8
WTROVSTP	670	1D
WTROWOPN	F7	2
WTROWRK1	D8	0
WTROWRK2	E0	0
WTROWRK3	E8	0
WTROWTRX	534	
WTRPDIRN	6A6	8
WTRPDQER	670	2
WTRPRD14	A60	0
WTRPREG2	A7C	
WTRPRL14	A68	0
WTRPSAV1	A80	
WTRPSAV2	A84	
WTRPSAV3	A88	

IATYWTR3 Cross Reference

Name	Hex Offset	Hex Value
WTRPSAV4	A8C	
WTRPSM14	A5C	0
WTRPSSCA	180	
WTRPSV14	A6C	0
WTRPWSPA	1000	
WTRPWTRC	A90	
WTRPWT14	A64	0
WTRP0FDB	670	1A
WTRQURYF	670	11
WTRRSVDB	CE0	
WTRRSVD0	EB	0
WTRRSVD1	492	0
WTRRSVD6	568	
WTRRSVD8	18C	
WTRRSVD9	44D	
WTRRSVS0	EE	0
WTRRSVS1	2C0	0
WTRRSVS2	22F	0
WTRSAFOK	103	40
WTRSCFLG	103	0
WTRSCGMN	103	80
WTRSCHFL	684	684
WTRSCHKT	6A7	10
WTRSCHLN	684	686
WTRSCHPG	684	685
WTRSCHSZ	684	0
WTRSCMPL	BC	BF
WTRSCOPY	6A4	0
WTRSCTAB	69C	0
WTRSDSOP	6A8	8
WTRSECPT	28	
WTRSETDV	670	D
WTRSFCBO	694	40404040
WTRSFLG1	6A6	0
WTRSFLG2	6A7	0
WTRSFLG3	6A8	0
WTRSFMH2	6A6	80
WTRSFOCO	6A7	20
WTRSFRMS	688	40404040
WTRSLDEN	6A8	20
WTRSMASK	BC	BD
WTRSMSGM	6A8	80
WTRSNREC	674	0
WTRSNXDS	6A7	80
WTRSPAN	61A	80
WTRSPDEV	670	A
WTRSPERR	6A6	20
WTRSPFCB	6A8	40
WTRSPFIR	61A	C0
WTRSPFLG	61A	0
WTRSPFSA	670	8
WTRSPFSS	670	6
WTRSPLST	61A	A0
WTRSPNTH	61A	80
WTRSPPAD	598	
WTRSRECN	6C0	0
WTRSREGS	3C	0
WTRSRERR	6A6	10
WTRSRETN	30	0
WTRSRLN	61C	0
WTRSRSRT	6A7	40
WTRSRSVD	6A5	0
WTRSRSV1	6AC	0
WTRSRSV2	6C4	0
WTRSRSV3	6D4	0
WTRSRTR1	BC	0
WTRSSDEV	6A7	2
WTRSSEND	6A6	40
WTRSSUSP	6A8	10
WTRSTACC	48B	80
WTRSTART	0	
WTRSTDEV	670	9
WTRSTFSA	670	7
WTRSTRT2	1000	
WTRSUCSO	690	40404040
WTRSWBF	450	0
WTRSWBN	45C	0
WTRSWBP	458	0
WTRSWBSZ	45E	0
WTRSXLAT	28	0
WTRSYNDV	670	C
WTRTIME	460	40404040
WTRTUSID	46C	40404040
WTRT7008	F8	C4E240C9
WTRWOSER	48B	20
WTRWPRSQ	D7C	0
WTRWSPAA	DA8	
WTRWSPUP	622	2
WTRXCPDS	570	
WTRXFSER	670	3
WTRXLMSD	574	
WTRXOSEN	43C	
WTR06BSP	E14	
WTR06TOT	F60	
WTR06XSP	E88	
ZERO	6D8	8
ZEROS	6D8	8

IATYWTR4 Programming Interface information

Programming Interface information

IATYWTR4

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

- IATXOSCI
- IATXOSCO
- IATXOSG
- IATXOSOI
- IATXOSOO
- IATXOSP
- WTRDCLR
- WTRDCTAD
- WTRDDIAG
- WTRDDSER
- WTRDFAIL
- WTRDFDJN
- WTRDLGCR
- WTRDMDDS
- WTRDMDD2
- WTRDMSAV
- WTRDMSGR
- WTRDNAME
- WTRDPPSR
- WTRDQMSG
- WTRDRFOR
- WTRDRLJN
- WTRDSNAM
- WTRDSTUP
- WTRDWAIT
- WTRFCPER
- WTRFGDEP
- WTRFINEP
- WTRFPDQC
- WTRFPDQF
- WTRFPDQL
- WTRFPDQS
- WTRFRDEP
- WTRFSAFL
- WTRFSETE
- WTRFSV10
- WTRFTEEP
- WTRIFDBI
- WTRIFLG1
- WTRIPTK1
- WTRIPTK2
- WTRIRCDS
- WTRISLEN
- WTRMPEPT
- WTROCDEP
- WTROPPQF
- WTROPPQL
- WTROPPQN
- WTROWTRX
- WTRPRD14
- WTRPREG2
- WTRPRL14
- WTRPSAV1
- WTRPSAV2
- WTRPSAV3
- WTRPSAV4
- WTRPSM14
- WTRPSSCA
- WTRPSV14
- WTRPWT14
- WTRSNREC
- WTRSRECN
- WTRWPRSQ

End of Programming Interface information

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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)
WTRODIEF & 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:
  $RJ=OS240 HJS6604 960522 PD0DR: OS 2.4.0
```

End of Comment

0	(0)	CHARACTER	8		MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM

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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
36	(24)	ADDRESS	4	WTRDSECA	SECURITY DATA PARM LIST FOR IATXSEC SECURITY MACRO
40	(28)	SIGNED	4	WTRSECPT	IATYSEC PTR FOR WTRPWSPA

Comment

```
TRDCCDB IATYCNDB DSECT=NO CALLING CONSOLE INFORMATION
  IATYCNDB_1:;
  START OF SPECIFICATIONS
 01 PROPRIETARY STATEMENT=
   PROPRIETARY_STATEMENT
   LICENSED MATERIALS - PROPERTY OF IBM
   THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
   5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
   STATUS= HJS6604
   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 Distribution Library: AJES3MAC
  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
      CASE/390 - VERSION 49
   END OF SPECIFICATIONS
%
```

End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
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
    THIS MACRO IS "RESTRICTED MATERIALS OF IBM"
    5647-A01 (C) COPYRIGHT IBM CORP. 1989, 1997
    STATUS= HJS6604
    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 Distribution Library: AJES3MAC
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
    CASE/390 - VERSION 49
 END OF SPECIFICATIONS
%
```

End of Comment

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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
234	(EA)	BITSTRING	1	WTRDCFLG	OUTPUT SERVICE WRITER FLAG
		1...		WTRDCRVS	"X'80'" Reserved for service

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		WTRDLDST	"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/CTAPE 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

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

					FULL DATA SET NAME AND SAF ENTITY NAME

					End of Comment
260	(104)	BITSTRING	1	WTRDDSNL	LENGTH OF WTRDDSNF
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	WTRDRTOK	DATA SET SECURITY TOKEN 0094
559	(22F)	BITSTRING	1	WTRRSVS2	Reserved for Service
					Comment
					WTRDMSG MESSAGE TEXT=WTRDMSGO,MF=L
					$RX=OS280 HJS6608 981217 PD0DR: OS 2.8.0
					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		Flags and Priority
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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
641	(281)	CHARACTER	6	WTRDXCDB_XEYECATCH	++ CONSTANT XEYECATCH
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
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 KEYWOR
		.1..		WTRDXCDB_XOPERATION_EXTRACTCONSTYPE	"B'0000000001000000'" ++ XOPERATION.EXTRACTCONSTYPE KEYWOR
		..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 XUSERADDR
651	(28B)	CHARACTER	1	WTRDXCDB_XRSV001	++ RESERVED XRSV001
652	(28C)	ADDRESS	4	WTRDXCDB_XCNDB	++ XCNDB
656	(290)	ADDRESS	4	WTRDXCDB_XOUTCNDB	++ XOUTCNDB
660	(294)	ADDRESS	4	WTRDXCDB_XINCNDB	++ XINCNDB
664	(298)	ADDRESS	4	WTRDXCDB_XCONSNM	++ XCONSNM
668	(29C)	ADDRESS	4	WTRDXCDB_XCONSID	++ XCONSID
672	(2A0)	ADDRESS	4	WTRDXCDB_XOUTCONSID	++ XOUTCONSID
676	(2A4)	CHARACTER	2	WTRDXCDB_XRSV002	++ RESERVED XRSV002
678	(2A6)	BITSTRING	1	WTRDXCDB_XFLAG2	++ FIELD_LABEL
		1...		WTRDXCDB_XCMDIND_YES	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
					"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	
					++ XROUT
684	(2AC)	ADDRESS	4	WTRDXCDB_XCART	
					++ XCART
688	(2B0)	ADDRESS	4	WTRDXCDB_XOUTCONSNAME	
					++ XOUTCONSNAME
692	(2B4)	ADDRESS	4	WTRDXCDB_XOUTCONSTYPE	
					++ XOUTCONSTYPE
696	(2B8)	ADDRESS	4	WTRDXCDB_XOUTROUT	
					++ XOUTROUT
700	(2BC)	ADDRESS	4	WTRDXCDB_XOUTCART	
					++ 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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					$RX = OS280 HJS6608 990205 PD0DR: OS 2.8.0 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)	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.		WTROTRUN	"X'20'" TRUNC=YES ON IATXOSP
		...1		WTROLBL	"X'10'" SETUP CALL
		.... 1...		WTROVOL	"X'08'" GENERATE VOL LABEL
1100	(44C)	X'8'	0	WTROCONS	"WTROVOL" SUSPEND FOR CONSOLE OUT
		.... .1..		WTRODS	"X'04'" GENERATE DS LABEL
		.... ..1.		WTROREG	"X'02'" PARMS ARE IN REG
		1		WTRONNP	"X'01'" NEWPAGE=NO ON IATXOSOO
		1		WTROLIST	"X'01'" PARMS ARE IN LIST (IATXOSP)
1101	(44D)	BITSTRING	3	WTRRSVD9	RESERVED FOR DEVELOPMENT
1104	(450)	BITSTRING	6	WTRSWBF	M.R FOR SWB IN STG- WTRSWBP
1112	(458)	SIGNED	4	WTRSWBP	ADDRESS OF SWB POINTER LIST D015 FOR SMF6 MAPPED BY IEFSJTRP D015
1116	(45C)	SIGNED	2	WTRSWBN	NUMBER OF SWB POINTERS IN D015 WTRSWBP LIST D015
1118	(45E)	SIGNED	2	WTRSWBSZ	TOTAL SIZE OF SWBTU POINTED D015 TO BY WTRSWBP LIST D015
1120	(460)	CHARACTER	8	WTRTIME	PRINTER START TIME IN EBCDIC
1128	(468)	SIGNED	4	WTRDATE	PRINTER START DATE IN JULIAN
1132	(46C)	CHARACTER	8	WTRTUSID	TSO USERID
1140	(474)	ADDRESS	4	WTRDSUPO	OUTPUT SUPUNITS ADDRESS
1144	(478)	CHARACTER	8	WTRDIDDN	INPUT COMPONENT DDNAME
1152	(480)	CHARACTER	3	WTRDITYP	INPUT COMPONENT GTYPE
1155	(483)	CHARACTER	4	WTRDISTY	INPUT COMPONENT STYPE
1159	(487)	BITSTRING	1	WTRDIMOD	INPUT COMPONENT MODEL
1160	(488)	CHARACTER	3	WTRDIDEV	INPUT DEVICE ADDRESS
1163	(48B)	BITSTRING	1	WTRDFLGI	INPUT COMPONENT FLAG BYTE
					Comment
					---------- DEFINITION OF WTRDFLGI ----------
					End of Comment
		1...		WTRSTACC	"X'80'" IATXOSG CALLER ACCEPTS STREAM MODE/SPANNED RECORDS TWO BUFFERS
		.1..		WTRENFDS	"X'40'" Issue ENF signal for non-FSS writer data set selection
		..1.		WTRWOSER	"X'20'" Need to release WOSE
1170	(492)	SIGNED	2	WTRRSVD1	RESERVED FOR DEVELOPMENT
1172	(494)	ADDRESS	4	WTRDFAIL	DUMP/RETURN ROUTINE ADDRESS

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1176	(498)	ADDRESS	4	WTRDSUPI	INPUT SUPUNITS ADDRESS
1180	(49C)	SIGNED	4	WTRDRSV5	RESERVED FOR SERVICE
1184	(4A0)	ADDRESS	4	WTRDINTS	INTERVENTION REQ. SUPUNITS
1188	(4A4)	SIGNED	4	WTRDRCDS	OUTPUT RECORD COUNT
1192	(4A8)	SIGNED	4	WTRCRDS	OUTPUT RECD CONT FOR INQUIRY
1196	(4AC)	SIGNED	4	WTRDPGCT	OUTPUT PAGE COUNT
1200	(4B0)	ADDRESS	4	IATXOSOO	OUTPUT COMPONENT OPEN ADDR.
1204	(4B4)	ADDRESS	4	IATXOSP	OUTPUT COMPONENT PUT ADDR.
1208	(4B8)	ADDRESS	4	IATXOSCO	OUTPUT COMPONENT CLOSE ADDR.
1212	(4BC)	ADDRESS	4	WTRDCLR	OUTPUT BUFFER-CLEARING RTN.
1212	(4BC)	X'4BC'	0	WTRFCPER	"WTRDCLR" FSS WTR CHKPOINT ERROR RTN.
1216	(4C0)	ADDRESS	4	IATXOSOI	INPUT COMPONENT OPEN ADDR.
1220	(4C4)	ADDRESS	4	IATXOSG	INPUT COMPONENT GET ADDR.
1224	(4C8)	ADDRESS	4	IATXOSCI	INPUT COMPONENT CLOSE ADDR.
1228	(4CC)	ADDRESS	4	WTRDCDEP	OUTPUT COMPONENT CDE
1232	(4D0)	ADDRESS	4	WTRDAREA	OUTPUT COMPONENT AREA
1236	(4D4)	CHARACTER	8	WTRDONAM	OUTPUT COMPONENT MODULE NAM
1228	(4CC)	ADDRESS	4	WTRFRSV1	RESERVED FOR FSS DEVELOPMNT
1232	(4D0)	ADDRESS	4	WTRFSETE	IATOSFD MSG RTN FOR DEVICE FAILURE WITH ETE BIT SET ADDRESS (LABEL: OFDFE000)
1236	(4D4)	ADDRESS	4	WTRFINEP	FSS WTR INIT ENTRY POINT
1244	(4DC)	ADDRESS	4	WTRDICDE	INPUT COMPONENT CDE ADDR.
1248	(4E0)	ADDRESS	4	WTRDIARE	INPUT COMPONENT AREA
1252	(4E4)	CHARACTER	8	WTRDINAM	INPUT COMPONENT NAME
1244	(4DC)	ADDRESS	4	WTRFGDEP	FSS WTR GETDS ENTRY POINT
1248	(4E0)	ADDRESS	4	WTRFRDEP	FSS WTR RELDS ENTRY POINT
1252	(4E4)	ADDRESS	4	WTRFTEEP	FSS WTR TERM ENTRY POINT
1260	(4EC)	ADDRESS	4	WTRMPEPT	IATOSMP MODULE ENTRY POINT
1264	(4F0)	ADDRESS	4	WTRDRFOR	IATOSMP FCB MAPPING ROUTINE ADDRESS (LABEL: OSMPRFOR)
1268	(4F4)	ADDRESS	4	WTRDQMSG	IATOSFD DEQUE ACTIVE MSG RTN#587 ADDRESS (LABEL: OFDDQMSG) #587
1272	(4F8)	ADDRESS	4	WTRDNAME	IATOSWC DDNAME RETRVAL RTN ADDRESS (LABEL: OSDPOINT)
1276	(4FC)	ADDRESS	4	WTRDSTUP	IATOSWC SETUP CHECK ROUTINE ADDRESS (LABEL: OSWCSTUP)
1280	(500)	ADDRESS	4	WTRDWAIT	IATOSWC WAITING WORK MSG RTN ADDRESS (LABEL: OSWCWAIT)
1284	(504)	ADDRESS	4	WTRDMDDS	IATOSWC MAN/DIAG MODE MSG RTN ADDRESS (LABEL: OSWCMDDS)
1288	(508)	ADDRESS	4	WTRDMDD2	IATOSWC MAN/DIAG MODE MSG RTN 2 (LABEL: OSWCMDD2)
1292	(50C)	ADDRESS	4	WTRDDIAG	IATOSWC DIAGNOSTIC MSG ROUTN ADDRESS (LABEL: OSWCDIAG)
1296	(510)	ADDRESS	4	WTRDDSER	IATOSWC DIAGNOSTIC MSG ROUTN ADDRESS (LABEL: OSWCDSER)
1300	(514)	ADDRESS	4	WTRDSNAM	IATOSWC DSNAME CREATE RTN ADDRESS (LABEL: OSWCDSNM)
1304	(518)	ADDRESS	4	WTRDFDJN	FIND JESNEWS SUBROUTINE 2633
1308	(51C)	ADDRESS	4	WTRDRLJN	RELEASE JESNEWS SUBROUTINE 2633
1312	(520)	ADDRESS	4	WTRDPPSR	COMMAND PROCESSOR PPQ SYNCH ROUTINE ADDRESS (LABEL: OSMPSYNC)
1316	(524)	ADDRESS	4	WTRDMSGR	COMMAND PROCESSOR MESSAGE ROUTINE ADDRESS (LABEL: OSMPPMSG) 0084
1316	(524)	X'0'	0	WTRDMGNA	"0" NON-ACTION MESSAGE (R1 VALUE TO OSMPPMSG ABOVE 0084
1316	(524)	X'1'	0	WTRDMGAC	"1" ACTION MESSAGE (R1 VALUE TO OSMPPMSG ABOVE 0084
1320	(528)	ADDRESS	4	WTRDCTAD	COMMAND PROCESSOR PARAMETER TABLE ADDRESS (LABEL: OSMPTBL1)
1324	(52C)	ADDRESS	4	WTRFSAFL	IATOSFD FSA FAILURE MSG RTN ADDRESS (LABEL: OFDFS000)
1328	(530)	ADDRESS	4	WTRDLGCR	LOGSTR CREATE ROUTINE ADDR 0391 (LABEL: OSWCLGCR) 0391

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1332	(534)	ADDRESS	4	WTROWTRX	WRITER EXTENSION ADDRESS
1336	(538)	ADDRESS	4	WTROCDEP	JDE ADDRESS FOR IATODPX
1340	(53C)	SIGNED	4	WTRDFSID (0)	FUNCTIONAL SUBSYSTEM ID
1340	(53C)	SIGNED	2	WTRDFSS	FSS PORTION OF FSID
1342	(53E)	SIGNED	2	WTRDFSA	FSA PORTION OF FSID
1344	(540)	CHARACTER	8	WTRFSSNM	FSS NAME FOR THIS FSS
1352	(548)	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

1360	(550)	ADDRESS	4	WTRFSSAD	FSS TABLE ENTRY ADDRESS
1364	(554)	ADDRESS	4	WTRFSAAD	FSA TABLE ENTRY ADDRESS
1368	(558)	ADDRESS	4	WTRFMPAD	FSS PROCESSOR MPC ENTRY AD
1372	(55C)	SIGNED	4	WTRFSTAR	CURRENT FSS/FSA STAGING AREA
1376	(560)	SIGNED	4	WTRFSV10	SAVE AREA USED BY IATXPDQ ON INTERNAL CALLS
1380	(564)	BITSTRING	1	WTRFGDRN	HOLD REASON IF WTRFDSUP ON
1381	(565)	BITSTRING	1	WTRFRCFM	Data set record format (Bit definitions same as JFCRECFM in the JFCB)
1382	(566)	SIGNED	2	WTRFRECL	Maximum data set record length
1384	(568)	SIGNED	4	WTRRSVD6 (2)	RESRVD FOR NON-FSS DEVLPMNT
1392	(570)	SIGNED	4	WTRXCPDS	NUMBER OF SKIPPED CPDS RECORDS FOR THIS DATA SET
1396	(574)	SIGNED	4	WTRXLMSD	NUMBER OF TRUNCATED LINE MODE SPANNED RECORDS FOR THIS DATA SET
1400	(578)	SIGNED	4	WTRFSYWM	DOMID FOR DATASET SYNCHRONIZATION
1404	(57C)	SIGNED	4	WTRFSWRK	FSS WORK AREA
1408	(580)	SIGNED	4	WTRFRSVD (2)	RESERVED FOR DEVELOPMENT
1416	(588)	SIGNED	4	WTRF3MSG	DOMID FOR MESSAGE IAT4730
1420	(58C)	SIGNED	4	WTRFRSVS (3)	RESERVED FOR SERVICE
1432	(598)	ADDRESS	4	WTRSPPAD	SET PRINT PARM ADDRESS
1436	(59C)	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

1456	(5B0)	BITSTRING	1	WTRFFLG1	FSS WTR FLAG

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
		.... ..1.		WTRFMPER	"X'02'" OSMP IN CMD ERROR PROCESSING
		1		WTRFNCKP	"X'01'" NEW CHECKPOINT BUFFER W/O SPOOL ADDRESS
1457	(5B1)	BITSTRING	1	WTRFFLG2	FSS WTR FLAG

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					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
1458	(5B2)	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
1459	(5B3)	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
		1		WTRFDOSU	"X'01'" UPDATE DOSE ON PDQWOSWR 3339

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					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
1460	(5B4)	CHARACTER	24	WTRDDSN	DATASET NAME IN PROGRESS
1484	(5CC)	CHARACTER	8	WTRDJNAM	JOB NAME IN PROGRESS
1492	(5D4)	CHARACTER	8	WTRDJID	JOB ID IN PROGRESS
1500	(5DC)	ADDRESS	4	WTRDRSQ	RQ ADDR FOR CURRENT JOB
1504	(5E0)	CHARACTER	8	WTRDYNAM	JOB ID FOR DYNAMIC WTR
					Comment
					---------- FIELDS USED BY THE PENDING DATA SET QUEUE MANAGER (IATOSFP) ----------
					End of Comment
1512	(5E8)	ADDRESS	4	WTRFDSAD	DATA SET ID ADDRESS FOR AN FSS WRITER
1516	(5EC)	ADDRESS	4	WTRFPDQF	ADDR OF FIRST (OLDEST) PDQ ENTRY (0 IF QUEUE EMPTY) MAINTAINED BY OSFP
1520	(5F0)	ADDRESS	4	WTRFPDQL	ADDR OF LAST (NEWEST) PDQ ENTRY (0 IF QUEUE EMPTY) MAINTAINED BY OSFP
1524	(5F4)	ADDRESS	4	WTRFPDQC	ADDR OF CURRENT (CHANNEL) PDQ. ZERO IF NO DS SELECTD MAINTAINED BY OSFP
1528	(5F8)	ADDRESS	4	WTRFRSVX	RESERVED FOR DEVELOPMENT
1532	(5FC)	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
1536	(600)	ADDRESS	4	WTROPPQF	ADDR OF FIRST (OLDEST) PPQ ENTRY (0 IF QUEUE EMPTY)
1540	(604)	ADDRESS	4	WTROPPQN	ADDR OF PPQ ENTRY FOR NEXT PAGE EXPECTED TO BE STACKED (0 IF NO EXPECTED PAGE IS IN PRINTER)
1544	(608)	ADDRESS	4	WTROPPQL	ADDR OF LAST (NEWEST) PPQ ENTRY (0 IF QUEUE EMPTY)
1548	(60C)	SIGNED	4	WTRDCUPG	NUM OF PAGES INTO CURRENT TRANSMISSION. DECREASED FOR BACKSP, INCREASED FOR PRINTING & FORWARD SPACE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1552	(610)	SIGNED	4	WTRDCTPG	NUMBER OF PAGES IN A COMPLETE TRANSMISSION OF THE CURRENT DATA SET. ZERO WHEN THE FIRST TRANSMISSION HAS NOT COMPLETED.
1556	(614)	SIGNED	2	WTRICURR	OFFSET WITHIN WOSE BUFFER TO CURRENT DATA SET BEING PROCESSED AT THE CHANNEL
1558	(616)	SIGNED	2	WTRDRSV0	RESERVED FOR SERVICE
1560	(618)	BITSTRING	1	WTRDPSTF	WRITER POST FLAG BYTE

Comment

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-------------------------------------------------------------
          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
1561	(619)	BITSTRING	1	WTRDMSAV	SAVE AREA FOR TASK MODE
1562	(61A)	BITSTRING	1	WTRSPFLG	SPANNED DATA FLAGS

Comment

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-------------------------------------------------------------
          DEFINITION OF WTRSPFLG
      THE FLAGS ARE USED TO INDICATE THE TYPE OF DATA
      PASSED TO NETWORKING MODULE IATOSNJ
-------------------------------------------------------------
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End of Comment

1562	(61A)	X'0'	0	WTRNOSPN	"FCTNOSPN" LOGICAL RECRD IS NOT SPANNED
1562	(61A)	X'80'	0	WTRSPAN	"FCTSPAN" SPANNED DATA PRESENT
1562	(61A)	X'C0'	0	WTRSPFIR	"FCTSPFIR" FIRST 'RECORD SECTION'
1562	(61A)	X'80'	0	WTRSPNTH	"FCTSPNTH" NTH 'RECORD SECTION'
1562	(61A)	X'A0'	0	WTRSPLST	"FCTSPLST" LAST 'RECORD SECTION'
1563	(61B)	BITSTRING	1	WTRFWOSU	OSFP WOSE UPDATE RTN FLAG
1564	(61C)	SIGNED	2	WTRSRLN	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

1566	(61E)	BITSTRING	1	WTRFFLG5	FSS WRITER FLAG BYTE 5

Comment

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-------------------------------------------------------------
      DEFINITION OF WTRFFLG5
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End of Comment

		1...		WTRFRSTR	"X'80'" FSS WRITER TO BE RESTARTED FOLLOWING IPL OF FSS MAIN

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

1567	(61F)	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)
1567	(61F)	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.
1567	(61F)	X'7'	0	WTRDUFLG	"WTRDUDST+WTRDUFLS+WTRDUFRM"
1568	(620)	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
1569	(621)	BITSTRING	1	WTRFFLG8	FSS WRITER FLAG BYTE 8

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					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
1570	(622)	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'" PDQJBSNT did an IATXOSWS GET/REL call for RQ saved in the primary WSP
		1		WTRFWUAL	"X'01'" Waiting for FSS to get unallocated
1571	(623)	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'" PDQDSSEL CALL WAS MADE FOR JESNEWS DATASET
		..1.		WTRFRVA1	"X'20'" BIT RESERVED FOR SERVICE
		...1		WTRFRVA2	"X'10'" BIT RESERVED FOR SERVICE
		.... 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
1572	(624)	BITSTRING	8	WTRDWSTM	WRITER START TIME (TOD)

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				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	
1580	(62C)	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	
1616	(650)	SIGNED	4	WTRFJMRA	JMR BUFFER POINTER FOR UX45 0635
1620	(654)	SIGNED	4	WTRDRSV1 (2)	RESERVED FOR DEVELOPMENT 0002
1628	(65C)	SIGNED	4	WTRDRSV2 (5)	RESERVED FOR SERVICE
1648	(670)	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		WTRXFSER	"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		WTRQURYF	"X'11'" ERROR RETURN FROM QUERY ORDER
		...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)

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

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    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
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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'" WTRFISET 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

Comment

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        SNARJP COMMUNICATION AREA
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End of Comment

1652	(674)	SIGNED	4	WTRSNREC (4)	CURRENT RECORD CHKPT INFO -- THIS INCLUDES TWO M.R SPOOL ADDRESSES & AN OFFSET FIELD (CHNSZ)
1668	(684)	SIGNED	4	WTRSCHSZ	CHAIN SIZE FOR CURR DS
1668	(684)	X'684'	0	WTRSCHFL	"WTRSCHSZ,1" CHAIN SIZE SPEC. FLAG
1668	(684)	X'685'	0	WTRSCHPG	"WTRSCHSZ+1,1" NUM OF 'PAGES' IN SNA CHAIN
1668	(684)	X'686'	0	WTRSCHLN	"WTRSCHSZ+2,1" NUMBER OF LINES IN 'PAGE'
1672	(688)	CHARACTER	8	WTRSFRMS	FORMS REQ'D
1680	(690)	CHARACTER	4	WTRSUCSO	TRAIN REQ'D
1684	(694)	CHARACTER	8	WTRSFCBO	FCB REQ'D
1692	(69C)	BITSTRING	8	WTRSCTAB	COMPACTION TBL REQ'D
1700	(6A4)	BITSTRING	1	WTRSCOPY	COPIES REQ'D
1701	(6A5)	BITSTRING	1	WTRSRSVD	RESERVED FOR SNA
1702	(6A6)	BITSTRING	1	WTRSFLG1	PDIR /ERR FLAG

Comment

```
-------------------------------------------------------------
       DEFINITION OF WTRSFLG1
-------------------------------------------------------------
```

End of Comment

		1...		WTRSFMH2	"X'80'" WORK STATION SUPPORTS PDIR
		.1..		WTRSSEND	"X'40'" SEND PDIR
		..1.		WTRSPERR	"X'20'" PERMANENT SNA ERROR
		...1		WTRSRERR	"X'10'" RECOVERABLE TRANS. ERROR
		.... 1...		WTRPDIRN	"X'08'" NEED TO SEND PDIR
1703	(6A7)	BITSTRING	1	WTRSFLG2	OSWD SNA FLAG

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- DEFINITION OF WTRSFLG2 ----------	
				End of Comment	
		1...		WTRSNXDS	"X'80'" NEW DS DETECTED
		.1..		WTRSRSRT	"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
1704	(6A8)	BITSTRING	1	WTRSFLG3	SERVICE ROUTINE COMM. FLAG
				Comment	
				---------- DEFINITION OF WTRSFLG3 ----------	
				End of Comment	
		1...		WTRSMSGM	"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
1708	(6AC)	SIGNED	4	(0)	
1708	(6AC)	SIGNED	4	WTRSRSV1 (5)	RESERVED FOR SNA DEV
1728	(6C0)	SIGNED	4	WTRSRECN	SAVE AREA FOR JOB LINE CNT
1732	(6C4)	SIGNED	4	WTRSRSV2 (4)	RESERVED FOR SNA SERVICE
1748	(6D4)	SIGNED	4	WTRSRSV3	RESERVED FOR USER

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATODPN	
				Comment	
				IATYMOD BR=NO JES3 MODULE ENTRY POINT IDENTIFIER 01 Change Activity: $RJ=OS240 HJS6604 960522 PD0DR: OS 2.4.0	
				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 Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					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	3	WTRORSV1	RESERVED FOR IBM
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 Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SRBSECT	
0	(0)	ADDRESS	4	SRB (0)	
0	(0)	CHARACTER	4	SRBID	EBCDIC ACRONYM FOR SRB OR SSRB.
4	(4)	ADDRESS	4	SRBFLNK	FORWARD CHAIN FIELD
8	(8)	ADDRESS	4	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	SRBEPA	ADDRESS OF ENTRY POINT (31-BIT USERS)
		1...		SRBMODE	"X'80'" ADDRESSING MODE INDICATOR
24	(18)	ADDRESS	4	SRBRMTR (0)	ADDRESS OF RESOURCE MANAGER ROUTINE
24	(18)	ADDRESS	4	SRBRMTRA	ADDRESS OF RESOURCE MANAGER ROUTINE (31-BIT USERS)
		1...		SRBRMODE	"X'80'" ADDRESSING MODE INDICATOR

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
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 schduled via the IEAMSCHD macro
		1		SRBTOKNP	"X'01'" This SSRB belongs to the pool created for SUSPEND with SPTOKEN.
40	(28)	ADDRESS	4	SRBFRRA	FRR ROUTINE ADDRESS
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

Comment

----------IOSFLA bit definitions----------

End of Comment

0	(0)	BITSTRING	1	IOSFLA	Flag byte A

Comment

EQU X'00' ..No CCW chaining

End of Comment

		1...		IOSDCHN	"X'80'" ..Data chaining
		.1..		IOSCCHN	"X'40'" ..Command chaining
		11..		IOSACHN	"X'C0'" ..Command and data chaining
		..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.

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		...1		IOSSMDA	"X'10'" ..ERP status modifier bit A. Must be set to zero by driver. TAPE- Reposition device. U/R- Immediate operation, CCW OP code in IOSMDB.
		.... 1...		IOSSMDB	"X'08'" ..ERP status modifier bit B. Must be set to zero by driver. Set by PCI fetch in appendage for posting: TAPE- CRC needed. DASD- PCI fetch stop flag.
		.... .1..		IOSEX	"X'04'" ..Exceptional condition. Upon return from normal or abnormal exit with this bit on, ERP processing is initiated if initial error condition. If bit is set to 0, it is assumed that the exit corrected the condition or did not consider it an error. When the error routine returns with this bit set to a 1 and the IOSERR set to a 0, the error is considered permanent. When the ERP returns with both bits set to 0, the error has been corrected.
		.... ..1.		IOSDOM	"X'02'" ..DOM macro required
		1		IOSIOSB	"X'01'" ..IOSB created by IOS. Must be set to zero by driver.

Comment

IOSFLB bit definitions - For Start Subchannel requests.

See redefinition area for modify subchannel requests.

End of Comment

1	(1)	BITSTRING	1	IOSFLB	Flag byte B----------
		1...		IOSDIESE	"X'80'" ..Second entry to DIE
		.1..		IOSSDR	"X'40'" ..ERP doesnt want OBR
		..1.		IOSNOTRS	"X'20'" ..Driver does not require an address space switch on entry to DIE.
		...1		IOSRESRC	"X'10'" ..IOS resources are held. Must be initialized to zero by driver. With bit set, the DIE cannot return on codes 12 and 16.
		.... 1...		IOSIONRD	"X'08'" ..Set by a driver to request that the I/O request be issued to a not-ready device.
		.... .1..		IOSMSG	"X'04'" ..Message indicator to WTO service 0 = Intervention required msg 1 = I/O error message
		.... ..1.		IOSBDCST	"X'02'" ..Broadcast bit
		1		IOSLOG	"X'01'" ..Create an OBR record.
2	(2)	BITSTRING	1	IOSFLC	Flag byte C ----------
		1...		IOSGDPLP	"X'80'" ..With IOSGDP bit set, limit IOSGPMSK field to logically available paths (UCBLPM field).
		.1..		IOSEIDAW	"X'40'" ..Extended 4K 8-byte IDAWs
		.1..		IOSVERIF	"X'40'" ..Unsolicited device end verification needed for non-DASD devices
		..1.		IOSCC3WE	"X'20'" ..Set by a driver to request deferred condition code 3 posting (post code of X'6D')
		...1		IOSEXP	"X'10'" ..Specific exposure requested. The IOSUCB field contains the specific exposure UCB address.
		.... 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.

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				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..1		IOSAST1	"X'F9'" ..IOS subchannel type 1 request
		1111 1.1.		IOSASNRQ	"X'FA'" ..IOS sense request
		1111 11..		IOSACLR	"X'FC'" ..CLEAR Subchannel request
		1111 11.1		IOSAHALT	"X'FD'" ..HALT Subchannel request
		1111 111.		IOSAMOD	"X'FE'" ..MODIFY Subchannel request
		1111 1111		IOSASTOR	"X'FF'" ..STORE Subchannel request
				Comment	
IOSDVRID - This byte indentifies 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 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		IOSSS1ID	"X'09'" ..MSC
		.... 1.1.		IOSPRGID	"X'0A'" ..IECVIOPM PURGE
		.... 1.11		IOSVPSID	"X'0B'" ..VPSS
				Comment	
EQU X'0C' ..CRYPTO					
				End of Comment	

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.... 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'" ..Asychronous 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...		IOSV33ID	"X'80'" ..SVC33
		1... ...1		IOSCLRID	"X'81'" ..Clear Device Recovery
		1... ..1.		IOSSCRID	"X'82'" ..Subchannel Recovery
		1... ..11		IOSV16ID	"X'83'" ..SVC16 PURGE
		1... .1..		IOSAPRID	"X'84'" ..Unconditional Reserve
		1... .1.1		IOSMIHID	"X'85'" ..Missing Interrupt Handler
		1... .11.		IOSPRVID	"X'86'" ..I/O Prevention Handler
		1... .111		IOSRSVID	"X'87'" ..Re-reserve service

Comment

End of Comment

5	(5)	BITSTRING	1	IOSFLD	Flag byte D
		1...		IOSNOINT	"X'80'" ..Set by a driver to request that the I/O request be issued to a device with an intercept condition. The intercept condition is to be saved for the next I/O request.
		.1..		IOSMNORQ	"X'40'" ..IOS is not to requeue this IOSB if Start Pending condition is detected (MIH, etc).
		..1.		IOSEPCIF	"X'20'" ..Early PCI exit call Flag. Set by the I/O driver to get called from the SLIH, instead of from post status for good intermediate status.
		...1		IOSCCWDS	"X'10'" ..Channel program resides in a data space. Set by the I/O driver
		.... 1...		IOSEPCIS	"X'08'" ..Early PCI exit Space switch flag. Set by the I/O driver to indicate that IOSVSLIH should CMSET to the driver's address space prior to invoking the PCI exit.
		.... .1..		IOSLIOPF	"X'04'" ..Long I/O Post flag set by the I/O driver to indicate that the driver should be posted back if the I/O request will take a long time to complete due to an MIH condition, manual intervention, etc..
		.... ..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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
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	IOSPKEY	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
					Comment Completion codes 41 - 5F are reserved for permanent error conditions. These codes will always be the last entry codes to the abnormal end exits. ---------- Completion codes 60 - 73 are reserved for IOS definition use. These codes indicate conditions that IOS has detected in processing the I/O request. ---------- Completion codes 74 - 7E denote abnormal conditions for which correction may be possible. These codes denote first entry to abnormal end exits. ---------- Completion codes 7F denotes normal I/O completion. It does not indicate that the I/O request completed successfully. ---------- Completion code 49 applies only to Store and Modify Subchannel requests. End of Comment
		.1.. ...1		IOSERRC	"X'41'" Permanent I/O error
		.1.. ..1.		IOSEXTC	"X'42'" DASD extent error
		.1.. ..11		IOSDPXC	"X'43'" Duplexed I/O request was not started because of the UCB level or a not ready device.
		.1.. .1..		IOSINTC	"X'44'" Request was intercepted because an error occurred after the last time the device was used and the requestors error recovery procedures wants this intercept condition treated as a permanent error.
		.1.. .1.1		IOSABNC	"X'45'" I/O request abnormally terminated because of program check, machine check, etc in IOS or an exit.
		.1.. .11.		IOSCD46	"X'46'" Reserved

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.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.
		.111 1111		IOSNRMC	"X'7F'" Normal I/O completion.

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 compatibilty 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.

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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.... 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
26	(1A)	BITSTRING	2	IOSCSWRC	Residual Count

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.

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.		IOSSSPND	"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	"*"

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
44	(2C)	ADDRESS	4	IOSIPIB	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.
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.

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.

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	IOSGPMSK	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

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

					End of Comment
92	(5C)	CHARACTER	8	IOSEEK	Static seek address NOTE: CTC section starts at IOSEEK + 4.
					Comment

					End of Comment
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 IOSB 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 IOSB 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	12	IOSXMSAV	CMSET savearea

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
96	(60)	BITSTRING	12		Reserved

Comment

Intermediate status section- IOS generated IOSB 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

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.	IOSMMMO	"X'20'" If 1, old measurement mode is to be 'ORED'with new new measurement mode. If 0, old measurement mode is to be 'ANDED' with new measurement mode. This bit valid only if IOSMMM is on.
	...1	IOSASIS	"X'10'" If 1, IOSMLPMO and IOSMPOMO are ignored, and the old LPM and/or POM are to be replaced by the new LPM/POM.

Comment

IOSOPT and IOSOPT2 bit definitions

For Modify and Store Subchannel requests.
--------IOSOPT----------

End of Comment

	1...	IOSSYN	"X'80'" If 1, indicates STORE or MODIFY subchannel request is to be done synchronously. If 0, indicates caller can handle asynchronous issuing of STORE or MODIFY Subchannel.
	.1..	IOSNOPTH	"X'40'" If 1, indicates for path message request, a conditional no path condition.

Comment

EQU X'3F' Reserved- initialized to zero
--------IOSOPT2----------

End of Comment

	1...	IOSMISC	"X'80'" If 1, interrupt subclass is to be modified by MSCH
	.1..	IOSME	"X'40'" If 1, enabled indicator is to be modified by MSCH (IOS use only)
	..1.	IOSMLM	"X'20'" If 1, limit mode is to be modified by MSCH
	...1	IOSMMM	"X'10'" If 1, measurement mode is to be modified by MSCH
	.... 1...	IOSMLPM	"X'08'" If 1, logical path mask is to be modified by MSCH
	.... .1..	IOSMMBI	"X'04'" If 1, measurement block index is to be modified by MSCH
	.... ..1.	IOSMPOM	"X'02'" If 1, path operational mask is to be modified by MSCH

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		1		IOSMD	"X'01'" If 1, dynamic pathing indicator is to be modified by MSCH

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

Comment

```
-----------------------------------------------------------
          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	WTROFRRF	FRR FLAGS

Comment

```
-----------------------------------------------------------
          DEFINITION OF WTROFRRF
-----------------------------------------------------------
```

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

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

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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
192	(C0)	DBL WORD	8	(0)	ALLIGNMENT
				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	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
IATODPN	0		IOSACLR	3	FC
IATXOSCI	4C8		IOSACSCH	28	1
IATXOSCO	4B8		IOSAC2	29	E0
IATXOSG	4C4		IOSADDR	3	18
IATXOSOI	4C0		IOSADEVA	29	40
IATXOSOO	4B0		IOSADIER	3	1C
IATXOSP	4B4		IOSAFLGS	4B	
IOSA	F	10	IOSAHALT	3	FD
IOSAATI	4C		IOSAHSCH	28	2
IOSABN	40		IOSAINTE	4B	40
IOSABNC	D	45	IOSAINTR	4B	80
IOSAC	28	F	IOSAMOD	3	FE
IOSACHN	0	C0	IOSAOMID	4	14

Name	Hex Offset	Hex Value
IOSAPCI	3	4
IOSAPMSK	28	
IOSAPR	F	2
IOSAPRID	4	84
IOSAPURG	3	C
IOSARSCH	28	8
IOSASID	6	
IOSASIS	54	10
IOSASMID	4	E
IOSASNRQ	3	FA
IOSASSCH	28	4
IOSASTOR	3	FF
IOSAST1	3	F9
IOSASUBA	29	80
IOSATMID	4	4
IOSATPMK	4A	
IOSATSNS	2C	
IOSATTN	3	8
IOSATTSN	2C	
IOSATTWA	54	
IOSAUR	3	20
IOSAUSID	4	10
IOSAWTO	3	14
IOSB	0	
IOSB	0	
IOSBDCST	1	2
IOSBEXTF	5	1
IOSBSTD	0	
IOSBYP	F	80
IOSCAPAS	D	54
IOSCC	14	
IOSCCHH	67	
IOSCCHN	0	40
IOSCCWAD	14	
IOSCCWDS	5	10
IOSCC0	14	0
IOSCC1	14	10
IOSCC3	14	30
IOSCC3WE	2	20
IOSCDRID	4	17
IOSCD46	D	46
IOSCD50	D	50
IOSCHCMP	C	1
IOSCKEY	59	
IOSCLRID	4	81
IOSCNCLD	D	49
IOSCOD	D	
IOSCSW	15	
IOSCSWCA	15	
IOSCSWRC	1A	
IOSCTCDW	60	
IOSCTCMD	65	
IOSCTCNR	2	2
IOSCTCOP	68	
IOSDAVV	4	12
IOSDCHN	0	80
IOSDCSID	4	13
IOSDCTI	56	
IOSDEP	F	40
IOSDIE	44	
IOSDIESE	1	80
IOSDOM	0	2
IOSDPXC	D	43
IOSDSATN	18	80
IOSDSBSY	18	10
IOSDSCE	18	8
IOSDSCUE	18	20
IOSDSDE	18	4
IOSDSID	50	
IOSDSSM	18	40
IOSDSTAT	18	
IOSDSUC	18	2
IOSDSUEX	18	1
IOSDVRID	4	
IOSDYPID	4	11
IOSE	F	2
IOSEEK	5C	
IOSEEKA	64	
IOSEIDAW	2	40
IOSEND	6B	6C
IOSEPCIF	5	20
IOSEPCIS	5	8
IOSERP	34	
IOSERR	0	20
IOSERRC	D	41
IOSEX	0	4
IOSEXP	2	10
IOSEXTC	D	42
IOSEXTRM	D	47
IOSF	F	80
IOSFC	28	70
IOSFCHID	4	7
IOSFCSCH	28	10
IOSFCSW	14	
IOSFHSCH	28	20
IOSFINTC	D	7E
IOSFLA	0	
IOSFLB	1	
IOSFLC	2	
IOSFLD	5	
IOSFMSK	58	
IOSFSSCH	28	40
IOSFTCHC	D	71
IOSGDP	2	1
IOSGDPCC	D	4D
IOSGDPLP	2	80
IOSGDPRD	D	4E
IOSGDPWE	D	6D
IOSGPMSK	55	
IOSI	F	20
IOSIDR	C	4
IOSINTC	D	44
IOSIONRD	1	8
IOSIOPID	24	
IOSIOSB	0	1
IOSIOSID	4	0
IOSIOTCR	D	53
IOSIPIB	2C	
IOSIRBCC	59	3
IOSIRBC0	59	0
IOSIRBC1	59	1
IOSIRBC3	59	3
IOSIRBKY	59	F0
IOSIRBL	59	4
IOSIVEXP	D	4C
IOSJESID	4	8
IOSLCL	C	8
IOSLEVEL	54	
IOSLIOPF	5	4
IOSLOG	1	1

Name	Hex Offset	Hex Value
IOSMD	54	1
IOSMDB	5A	
IOSMDM	5B	
IOSMDSID	4	F
IOSME	54	40
IOSMIHC	D	74
IOSMIHCA	D	51
IOSMIHID	4	85
IOSMIHSP	D	52
IOSMISC	54	80
IOSMISID	4	1
IOSMLM	54	20
IOSMLPM	54	8
IOSMLPMO	54	80
IOSMMBI	54	4
IOSMMM	54	10
IOSMMMO	54	20
IOSMNORQ	5	40
IOSMPOM	54	2
IOSMPOMO	54	40
IOSMSG	1	4
IOSN	F	1
IOSNERP	F	8
IOSNOINT	5	80
IOSNOLL	5	2
IOSNOPTH	54	40
IOSNORTY	2	2
IOSNORWS	2	8
IOSNOTRS	1	20
IOSNRM	3C	
IOSNRMC	D	7F
IOSOLTID	4	6
IOSOPT	E	
IOSOPT2	F	
IOSP	F	40
IOSPAVID	4	19
IOSPCHN	30	
IOSPCI	38	
IOSPCIRS	34	
IOSPCIWA	54	
IOSPGAD	8	
IOSPGDPX	C	2
IOSPKEY	C	
IOSPRGC	D	48
IOSPRGID	4	A
IOSPROC	3	
IOSPRVID	4	86
IOSPSLL	F	10
IOSPVTIO	D	4A
IOSQISCE	F	20
IOSRELSE	F	1
IOSRESRC	1	10
IOSRST	48	
IOSRSVID	4	87
IOSS	59	8
IOSSALRT	29	10
IOSSC	29	1F
IOSSCHC	28	
IOSSCHC0	28	
IOSSCHC1	29	
IOSSCHIB	30	
IOSSCRID	4	82
IOSSDR	1	40
IOSSECT	2A	2C
IOSSI	F	8

Name	Hex Offset	Hex Value
IOSSINTR	29	8
IOSSKBB	65	
IOSSKCC	67	
IOSSKHH	69	
IOSSKH1	69	
IOSSKH2	6A	
IOSSKM	64	
IOSSKR	6B	
IOSSLFID	4	18
IOSSMDA	0	10
IOSSMDB	0	8
IOSSMSID	4	15
IOSSNS	2A	
IOSSNSBD	2A	10FE
IOSSPNDG	29	1
IOSSPRIM	29	4
IOSSRB	1C	
IOSSSCC	19	1
IOSSSCCC	19	4
IOSSSCDC	19	8
IOSSSEC	29	2
IOSSSICC	19	2
IOSSSIL	19	40
IOSSSPCI	19	80
IOSSSPGC	19	20
IOSSSPND	29	20
IOSSSPTC	19	10
IOSSSTAT	19	
IOSSS1ID	4	9
IOSSYN	54	80
IOSTAPEC	D	4B
IOSTATUS	18	
IOSTCMID	4	5
IOSTSA	18	
IOSTSB	19	
IOSTSLL	F	4
IOSUCB	10	
IOSUSE	20	
IOSVERIF	2	40
IOSVPSID	4	B
IOSVSAID	4	3
IOSVST	4C	
IOSV16ID	4	83
IOSV33ID	4	80
IOSXCFID	4	16
IOSXCPID	4	2
IOSXERPL	D	7D
IOSXMSAV	54	
IOSZ	F	4
IOS2CSWS	2	4
M00M0006	0	280
SRB	0	
SRBASCB	8	
SRBASC24	9	
SRBBLK24	27	20
SRBCPAFF	C	
SRBEND	2C	
SRBEP	14	
SRBEPA	14	
SRBFLC	C	
SRBFLGS	25	
SRBFLGS1	27	
SRBFLNK	4	
SRBFRRA	28	
SRBFRRCL	25	10

Name	Hex Offset	Hex Value
SRBFRREQ	25	20
SRBHLHI	26	
SRBID	0	
SRBLLHLD	25	40
SRBLLREQ	25	80
SRBMAIN	27	80
SRBMODE	14	80
SRBMSCHD	27	2
SRBPARM	1C	
SRBPASID	E	
SRBPKF	24	
SRBPMCS	27	4
SRBPNONQ	25	4
SRBPRIOR	25	
SRBPSYS	25	0
SRBPTCB	10	
SRBRMODE	18	80
SRBRMTR	18	
SRBRMTRA	18	
SRBSAVE	20	
SRBSECT	0	
SRBSIZE	2C	2C
SRBSP245	27	40
SRBSUSP	25	8
SRBTOKNP	27	1
SRBWEB	20	
SRBXESF	27	10
SRB1STS	27	8
WTRCIMPL	F0	40404040
WTRCRDS	4A8	0
WTRDAREA	4D0	
WTRDATE	468	0
WTRDCCDB	2C	
WTRDCDEP	4CC	
WTRDCFLG	EA	0
WTRDCLR	4BC	
WTRDCMDQ	618	80
WTRDCRVS	EA	80
WTRDCTAD	528	
WTRDCTPG	610	0
WTRDCUPG	60C	0
WTRDDCDB	8C	
WTRDDIAG	50C	
WTRDDSER	510	
WTRDDSN	5B4	40404040
WTRDDSNF	105	
WTRDDSNL	104	
WTRDFAIL	494	
WTRDFDJN	518	
WTRDFLGI	48B	0
WTRDFLGO	44C	0
WTRDFSA	53E	0
WTRDFSID	53C	
WTRDFSS	53C	0
WTRDIARE	4E0	
WTRDICDE	4DC	
WTRDIDDN	478	40404040
WTRDIDEV	488	404040
WTRDIMOD	487	0
WTRDINAM	4E4	40404040
WTRDINTS	4A0	
WTRDINTV	EC	40
WTRDINVO	102	80
WTRDISTY	483	40404040
WTRDITYP	480	404040
WTRDJDST	61F	40
WTRDJFLG	61F	70
WTRDJFLS	61F	20
WTRDJFRM	61F	10
WTRDJID	5D4	40404040
WTRDJNAM	5CC	40404040
WTRDLDCM	102	20
WTRDLDST	102	10
WTRDLFCB	102	1
WTRDLFLS	102	8
WTRDLFRM	102	4
WTRDLGCR	530	
WTRDLMRC	102	80
WTRDLMSG	102	40
WTRDLOCN	621	10
WTRDLUCS	102	2
WTRDMDDS	504	
WTRDMDD2	508	
WTRDMGAC	524	1
WTRDMGNA	524	0
WTRDMPRQ	670	B
WTRDMSAV	619	0
WTRDMSG	230	
WTRDMSGF	EC	0
WTRDMSGI	2C4	0
WTRDMSGO	3B0	40404040
WTRDMSGP	EC	80
WTRDMSGR	524	
WTRDM731	ED	0
WTRDNAME	4F8	
WTRDODDN	428	40404040
WTRDODEV	438	40404040
WTRDODV3	438	439
WTRDOFLG	618	1
WTRDOMOD	437	0
WTRDONAM	4D4	40404040
WTRDOSTY	433	40404040
WTRDOTOK	18F	F0404040
WTRDOTYP	430	404040
WTRDPFLG	102	0
WTRDPGCT	4AC	0
WTRDPPSR	520	
WTRDPSTF	618	0
WTRDQMSG	4F4	
WTRDRCDS	4A4	0
WTRDRCER	618	4
WTRDRFOR	4F0	
WTRDRLJN	51C	
WTRDRSQ	5DC	
WTRDRSV0	616	0
WTRDRSV1	654	0
WTRDRSV2	65C	0
WTRDRSV3	670	0
WTRDRSV5	49C	0
WTRDRTOK	1DF	F0404040
WTRDSADD	618	8
WTRDSECA	24	
WTRDSECT	0	
WTRDSNAM	514	
WTRDSPRT	618	40
WTRDSTQ1	670	14
WTRDSTQ2	670	15
WTRDSTQ3	670	16
WTRDSTQ4	670	17
WTRDSTUP	4FC	

Name	Hex Offset	Hex Value
WTRDSUPI	498	
WTRDSUPO	474	
WTRDTMEX	EC	20
WTRDTMOT	618	2
WTRDTYPE	430	
WTRDUDST	61F	4
WTRDUFLG	61F	7
WTRDUFLS	61F	2
WTRDUFRM	61F	1
WTRDWAIT	500	
WTRDWSTM	624	0
WTRDXCDB	280	
WTRDXCDB_KEYUSED_CMDIND	2A7	80
WTRDXCDB_XABEND	289	
WTRDXCDB_XABEND_NO	289	40
WTRDXCDB_XABEND_YES	289	80
WTRDXCDB_XCART	2AC	
WTRDXCDB_XCMDIND_NO	2A6	40
WTRDXCDB_XCMDIND_YES	2A6	80
WTRDXCDB_XCNDB	28C	
WTRDXCDB_XCONSID	29C	
WTRDXCDB_XCONSNM	298	
WTRDXCDB_XEYECATCH	281	
WTRDXCDB_XFLAG1	287	
WTRDXCDB_XFLAG2	2A6	
WTRDXCDB_XINCNDB	294	
WTRDXCDB_XKEYS	2A7	
WTRDXCDB_XOPERATION_EXTRACTCART	0	10
WTRDXCDB_XOPERATION_EXTRACTCONSID	287	100
WTRDXCDB_XOPERATION_EXTRACTCONSNAME	287	80
WTRDXCDB_XOPERATION_EXTRACTCONSTYPE	0	40
WTRDXCDB_XOPERATION_EXTRACTROUT	0	20
WTRDXCDB_XOPERATION_INITIALIZE	287	8000
WTRDXCDB_XOPERATION_RESET	287	1000
WTRDXCDB_XOPERATION_TRANSCONSID	287	400
WTRDXCDB_XOPERATION_TRANSFER	287	4000
WTRDXCDB_XOPERATION_TRANSROUT	287	200
WTRDXCDB_XOPERATION_UPDATE	287	2000
WTRDXCDB_XOPERATION_VERIFY	287	800
WTRDXCDB_XOUTCART	2BC	
WTRDXCDB_XOUTCNDB	290	
WTRDXCDB_XOUTCONSID	2A0	
WTRDXCDB_XOUTCONSNAME	2B0	
WTRDXCDB_XOUTCONSTYPE	2B4	
WTRDXCDB_XOUTROUT	2B8	
WTRDXCDB_XROUT	2A8	
WTRDXCDB_XRSV001	28B	
WTRDXCDB_XRSV002	2A4	
WTRDXCDB_XUSERADDR	28A	
WTRDXCDB_XVERSION	280	
WTRDXCDBL	2BC	40
WTRDYNAM	5E0	C4E8D5C1
WTRENFDS	48B	40
WTRENTNM	131	
WTRFCKAL	621	20
WTRFCLPI	621	4
WTRFCLR	5B3	4
WTRFCPER	4BC	4BC
WTRFCPIP	621	2
WTRFDCPI	5B3	80
WTRFDOSU	5B3	1
WTRFDRET	5B2	8
WTRFDSAD	5E8	
WTRFDSUP	5B2	4
WTRFDUMP	5B1	2
WTRFDVRS	5B2	1
WTRFENQ	184	
WTRFENQW	670	1B
WTRFFAIL	5B3	2
WTRFFIT	621	80
WTRFFLGA	623	0
WTRFFLG1	5B0	0
WTRFFLG2	5B1	0
WTRFFLG3	5B2	0
WTRFFLG4	5B3	0
WTRFFLG5	61E	0
WTRFFLG6	61F	0
WTRFFLG7	620	0
WTRFFLG8	621	0
WTRFFLG9	622	0
WTRFFRIP	61E	10
WTRFFSA	5B0	20
WTRFFSAA	5B0	8
WTRFFSRC	5B1	20
WTRFFSS	5B0	40
WTRFFSSA	5B0	10
WTRFGDEP	4DC	
WTRFGDRN	564	0
WTRFGDSF	670	E
WTRFGRCM	620	40
WTRFGTRL	5B2	80
WTRFINEP	4D4	

IATYWTR4 Cross Reference

Name	Hex Offset	Hex Value
WTRFINZ0	621	40
WTRFISET	5B1	40
WTRFIWTO	621	8
WTRFJMRA	650	0
WTRFJNDS	5B3	10
WTRFJNNX	5B3	8
WTRFJOSL	61E	8
WTRFJTRL	5B3	20
WTRFMANU	620	80
WTRFMFSS	5B0	80
WTRFMID	548	40404040
WTRFMPAD	558	
WTRFMPDL	5B1	80
WTRFMPER	5B0	2
WTRFNCKP	5B0	1
WTRFNDMP	622	4
WTRFNEWS	623	40
WTRFOSDP	621	1
WTRFPDQC	5F4	
WTRFPDQF	5EC	
WTRFPDQL	5F0	
WTRFPDQS	5FC	
WTRFPORQ	5B1	4
WTRFPRIM	620	10
WTRFQREQ	61E	2
WTRFQUET	622	40
WTRFRCFM	565	0
WTRFRCUR	5B1	1
WTRFRDEP	4E0	
WTRFRECL	566	0
WTRFRESP	5B0	4
WTRFRSCD	5B3	40
WTRFRSTR	61E	80
WTRFRSVD	580	
WTRFRSVS	58C	
WTRFRSVU	59C	
WTRFRSVX	5F8	
WTRFRSV1	4CC	
WTRFRVA1	623	20
WTRFRVA2	623	10
WTRFRVA3	623	8
WTRFRVA4	623	4
WTRFRVA5	623	2
WTRFRVA6	623	1
WTRFSAAC	670	1
WTRFSAAD	554	
WTRFSABN	620	4
WTRFSAFL	52C	
WTRFSARS	5B2	2
WTRFSASA	670	5
WTRFSATM	620	8
WTRFSDDN	61E	1
WTRFSEET	622	80
WTRFSETE	4D0	
WTRFSMSG	5B2	10
WTRFSNUM	670	13
WTRFSRS	61E	4
WTRFSSAD	550	
WTRFSSNM	540	40404040
WTRFSSSA	670	4
WTRFSTAR	55C	0
WTRFSTAT	EC	1
WTRFSTRS	61E	40
WTRFSVAL	5B2	20
WTRFSV10	560	0
WTRFSWRK	57C	
WTRFSYET	622	20
WTRFSYWM	578	
WTRFSYWT	61E	20
WTRFTEEP	4E4	
WTRFTREQ	5B2	40
WTRFUIR	5B1	10
WTRFUX45	62C	0
WTRFVOFF	620	20
WTRFWOSU	61B	0
WTRFWUAL	622	1
WTRF0FDB	623	80
WTRF3MSG	588	
WTRGDSST	670	12
WTRICKPG	620	2
WTRICKSC	620	1
WTRICURR	614	0
WTRIDLES	188	0
WTRIRCUR	EC	10
WTRISTAR	618	10
WTRIWFIT	670	F
WTRI7030	618	20
WTRJPDV	EC	4
WTRJTRNX	622	8
WTRLNTRN	EC	2
WTRMPEPT	4EC	
WTRNOACT	622	10
WTRNOSPN	61A	0
WTRNSTAR	670	1C
WTRNZIOR	670	10
WTROACWA	6C	
WTROASA	68	8
WTROBEMP	124	40
WTROBTS	6B	20
WTROCDEP	538	
WTROCHOR	EC	8
WTROCLOS	44C	40
WTROCLSM	78	0
WTROCMPL	70	73
WTROCOD1	26	0
WTROCOD2	27	0
WTROCONS	44C	8
WTROCSWS	88	
WTRODIEF	80	
WTRODS	44C	4
WTRODVOP	69	4
WTROECBI	70	
WTROECBJ	78	
WTROEJDN	69	40
WTROEJOP	80	20
WTROEJRQ	69	80
WTROEOC	7C	
WTROERSE	69	1
WTROEXCP	69	2
WTROFLGS	80	80
WTROFLG1	68	0
WTROFLG2	69	0
WTROFLG3	6A	0
WTROFLG4	6B	0
WTROFRRE	7F	80
WTROFRRF	7F	
WTROF480	6B	80
WTROINT	68	40
WTROINTM	68	10
WTROINTP	68	20

Name	Hex Offset	Hex Value
WTROJAM	123	8
WTROJHDR	6B	10
WTROJMCT	134	
WTROKEY	77	0
WTROLBL	44C	10
WTROLGSL	166	
WTROLGST	167	
WTROLIST	44C	1
WTROLOPJ	74	0
WTROMASK	70	71
WTROMCH	68	4
WTROMSK	80	81
WTRONJID	80	1
WTRONNID	80	2
WTRONNP	44C	1
WTRONOPJ	75	47
WTRONXTS	EC	
WTRONXTT	EE	
WTROODND	13C	
WTROODPX	74	
WTROODSZ	13C	13C
WTROOPTJ	76	0
WTROORTP	7C	7F
WTROOVER	68	80
WTROPPQF	600	
WTROPPQL	608	
WTROPPQN	604	
WTROPREQ	80	80
WTROPREV	6C	0
WTROPSCH	80	40
WTROREAL	44C	20
WTROREDY	123	80
WTROREG	44C	2
WTROREGS	30	0
WTROREG0	5C	0
WTROREG1	60	0
WTRORETN	64	0
WTRORJCT	44C	80
WTRORSVD	94	0
WTRORSVS	80	0
WTRORSV1	79	0
WTRORTR1	70	0
WTROSAVE	90	
WTROSIOR	6B	40
WTROSNS	120	
WTROSNS2	122	
WTROSNS3	123	
WTROSNS4	124	
WTROSN00	120	
WTROSN01	121	
WTROSPC1	68	1
WTROSPC2	68	2
WTROSPLT	69	10
WTROSRB1	C0	
WTROSRB2	F0	
WTROSREC	69	20
WTROSRES	28	
WTROSTKD	80	10
WTROSUPO	138	
WTROTRFD	80	8
WTROTRNC	69	8
WTROTRUN	44C	20
WTROUSER	C0	0
WTROVOL	44C	8
WTROVSTP	670	1D

Name	Hex Offset	Hex Value
WTROWTRX	534	
WTRPDIRN	6A6	8
WTRPDQER	670	2
WTRPSSCA	180	
WTRP0FDB	670	1A
WTRQURYF	670	11
WTRRSVD0	EB	0
WTRRSVD1	492	0
WTRRSVD4	7D	
WTRRSVD6	568	
WTRRSVD8	18C	
WTRRSVD9	44D	
WTRRSVS0	EE	0
WTRRSVS1	2C0	0
WTRRSVS2	22F	0
WTRRSVS4	7C	
WTRSAFOK	103	40
WTRSCFLG	103	0
WTRSCGMN	103	80
WTRSCHFL	684	684
WTRSCHKT	6A7	10
WTRSCHLN	684	686
WTRSCHPG	684	685
WTRSCHSZ	684	0
WTRSCOPY	6A4	0
WTRSCTAB	69C	0
WTRSDSOP	6A8	8
WTRSECPT	28	
WTRSETDV	670	D
WTRSFCBO	694	40404040
WTRSFLG1	6A6	0
WTRSFLG2	6A7	0
WTRSFLG3	6A8	0
WTRSFMH2	6A6	80
WTRSFOCO	6A7	20
WTRSFRMS	688	40404040
WTRSLDEN	6A8	20
WTRSMSGM	6A8	80
WTRSNREC	674	0
WTRSNXDS	6A7	80
WTRSPAN	61A	80
WTRSPDEV	670	A
WTRSPERR	6A6	20
WTRSPFCB	6A8	40
WTRSPFIR	61A	C0
WTRSPFLG	61A	0
WTRSPFSA	670	8
WTRSPFSS	670	6
WTRSPLST	61A	A0
WTRSPNTH	61A	80
WTRSPPAD	598	
WTRSRECN	6C0	0
WTRSRERR	6A6	10
WTRSRLN	61C	0
WTRSRSRT	6A7	40
WTRSRSVD	6A5	0
WTRSRSV1	6AC	0
WTRSRSV2	6C4	0
WTRSRSV3	6D4	0
WTRSSDEV	6A7	2
WTRSSEND	6A6	40
WTRSSUSP	6A8	10
WTRSTACC	48B	80
WTRSTART	0	
WTRSTDEV	670	9

IATYWTR4 Cross Reference

Name	Hex Offset	Hex Value
WTRSTFSA	670	7
WTRSUCSO	690	40404040
WTRSWBF	450	0
WTRSWBN	45C	0
WTRSWBP	458	0
WTRSWBSZ	45E	0
WTRSYNDV	670	C
WTRTIME	460	40404040
WTRTUSID	46C	40404040
WTRT7008	F8	C4E240C9
WTRWOSER	48B	20
WTRWSPUP	622	2
WTRXCPDS	570	
WTRXFSER	670	3
WTRXLMSD	574	
WTRXOSEN	43C	

IATYXPR Programming Interface information

Programming Interface information

IATYXPR

End of Programming Interface information

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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	Offsets 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	XPRSIZ	- 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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
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
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	Hex Offset	Hex Value
IATYXPR	0	
XPRASA	B0	
XPRBYTCT	94	
XPRCBPRT	4A	40
XPRCN1	B9	
XPRCN10	10D	
XPRCN11	10F	
XPRCN12	130	
XPRCN14	131	
XPRCN2	C3	
XPRCN3	CD	
XPRCN4	D6	
XPRCN5	DF	
XPRCN6	E8	
XPRCN7	F2	
XPRCN8	FB	
XPRCN9	104	
XPRDATA	8	
XPRDDNAM	80	
XPRDISP	BB	
XPRDWRK	98	
XPREND	135	
XPRFDB	50	
XPRFDB1	60	
XPRFLAG1	4A	
XPRFLAG2	4B	
XPRID	B1	
XPRIDC1	2C	
XPRIDC2	30	
XPRIDC3	34	
XPRIDC4	38	
XPRID1	C	
XPRID2	14	
XPRID3	1C	
XPRID4	24	
XPRJRCB	54	
XPRLINCT	84	
XPRLINE	B0	
XPRLSIZ	135	
XPRMSG1	C5	
XPRMSG2	CE	
XPRMSG3	D7	
XPRMSG4	E0	
XPRMSG5	EA	
XPRMSG6	F3	
XPRMSG7	FC	
XPRMSG8	105	
XPRNOTE	5C	
XPRORESQ	4A	20
XPRREG0	3C	
XPRREG1	40	
XPRREG2	44	
XPRRESQ	4C	
XPRRSVDS	88	
XPRRSVDU	A8	0
XPRR2B2	44	45
XPRR2B3	44	46
XPRR2HI	44	44
XPRR2LO	44	47
XPRSIZ	48	
XPRTABID	0	
XPRTIME	4B	80
XPRTR	110	
XPRUOPEN	4A	80
XPRWORK	58	

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 Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
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'" IATDMEB - DEB does not contain DSB address upon entry to IATDMEB
		11		R1FBCD03	"X'03'" IATDMEB - Undefined function code
		.... .1..		R1FBCD04	"X'04'" IATDMEB - GET routine, IATXSIO error return
		.... .1.1		R1FBCD05	"X'05'" IATDMEB - Data Management Point routine, IATXSIO error return
		.... .11.		R1FBCD06	"X'06'" IATDMEB - SSI Point routine, IATXSIO error return
		.... .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'" IATDMEB - IATDMEBS routine, IATXSIO error return
		.... 11..		R1FBCD12	"X'0C'" IATDMEB - Buffer Checkpoint routine, IATXUBAL busy return
		.... 11.1		R1FBCD13	"X'0D'" IATDMEB - IATDMEBS routine, IATXUBAL error return
		.... 111.		R1FBCD14	"X'0E'" IATDMEB - IATDMEBS routine, IATXSIO error return
		 1111		R1FBCD15	"X'0F'" IATDMEB - IATDMEBS routine, IATXSIO error return
		...1		R1FBCD16	"X'10'" IATDMEB - IATDMEBS routine, IATXSIO error return
		...1 ...1		R1FBCD17	"X'11'" IATDMEB - IATDMEBS routine, IATXUBAL busy return
		...1 ..1.		R1FBCD18	"X'12'" IATDMEB - ENDREQ routine, serialization failure
		...1 ..11		R1FBCD19	"X'13'" IATDMEB - IATDMEBS routine, IATXUBAL busy return
		...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
		...1 1...		R1FBCD24	"X'18'" IATDMEB - DMC validation error, DMC block ID (DMCID) is invalid
		...1 1..1		R1FBCD25	"X'19'" IATDMEB - DMC validation error, DMC address is out of range (too low)
		...1 1.1.		R1FBCD26	"X'1A'" IATDMEB - DMC validation error, DMC address is out of range (too high)

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		...1 1.11		R1FBCD27	"X'1B'" IATDMEB - DAT validation error, DAT block ID (DATID) is invalid
		...1 11..		R1FBCD28	"X'1C'" IATDMEB - DAT validation error, DAT address is out of range (too low)
		...1 11.1		R1FBCD29	"X'1D'" IATDMEB - DAT validation error, DAT address is out of range (too high)
		...1 111.		R1FBCD30	"X'1E'" IATDMEB - ENDREQ routine, GETMAIN failure
		...1 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'" IATDMEB - Cross memory move (IATXMVXM) error return
		..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 (DSSSSVT) is invalid
		..1. .1..		R1FBCD36	"X'24'" IATDMEB - DSB validation error, DSB block ID (DSBID) is invalid
		..1. .1.1		R1FBCD37	"X'25'" IATDMEB - Error return from UBUF allocation routine
		..1. .11.		R1FBCD38	"X'26'" IATDMEB - Error return from IATXSIO issued from IATDMEBS routine
		..1. .111		R1FBCD39	"X'27'" IATDMEB - Could not free buffers, bad DSS/DSB
		..1. 1...		R1FBCD40	"X'28'" IATDMEB - DAT validation error, DAT address is out of range (too low)
		..1. 1..1		R1FBCD41	"X'29'" IATDMEB - DAT validation error, DAT address is out of range (too high)
		..1. 1.1.		R1FBCD42	"X'2A'" IATDMEB - ENDREQ routine, SSISERV error (JIB block ID invalid)
		..1. 1.11		R1FBCD43	"X'2B'" IATDMEB - ENDREQ routine, error in JDS access
		..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'" IATDMEB - DAT validation error, DAT address is out of range (too low)
		..1. 1111		R1FBCD47	"X'2F'" IATDMEB - DAT validation error, DAT address is out of range (too high)
		..11		R1FBCD48	"X'30'" IATDMEB - Error return from spool record allocation (IATDMDKR)
		..11 ...1		R1FBCD49	"X'31'" IATDMEB - DAT validation error, DAT address out of range (too low)
		..11 ..1.		R1FBCD50	"X'32'" IATDMEB - DAT validation error, DAT address out of range (too high)
		..11 ..11		R1FBCD51	"X'33'" IATDMEB - DAT validation error, DAT block ID (DATID) is invalid
		..11 .1..		R1FBCD52	"X'34'" IATDMEB - DAT validation error, DAT address out of range (too low)
		..11 .1.1		R1FBCD53	"X'35'" IATDMEB - DAT validation error, DAT address out of range (too high)
		..11 .11.		R1FBCD54	"X'36'" IATDMEB - DAT validation error, DAT block ID (DATID) is invalid
		..11 .111		R1FBCD55	"X'37'" IATDMEB - DAT validation error, DAT address is out of range (too low)
		..11 1...		R1FBCD56	"X'38'" IATDMEB - DAT validation error, DAT address is out of range (too high)
		..11 1..1		R1FBCD57	"X'39'" IATDMEB - DAT validation error, DAT block ID (DATID) is invalid
		..11 1.1.		R1FBCD58	"X'3A'" IATDMEB - Error adding DSS to RAB queue during write error retry
		..11 1.11		R1FBCD59	"X'3B'" IATDMEB - Error adding DSS to RAB queue after IATXSIO processing
		..11 11..		R1FBCD60	"X'3C'" IATDMEB - Error resetting DSS in routine EBSSD000
		..11 11.1		R1FBCD61	"X'3D'" IATDMEB - Error adding DSS to RAB queue in routine EBSPB000

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		..11 111.		R1FBCD62	"X'3E'" Reserved for IATDMEB
		..11 1111		R1FBCD63	"X'3F'" Reserved for IATDMEB
		.1..		R1FBCD64	"X'40'" IATDMDM - Invalid ACB on entry to IATDMDM
		.1.. ...1		R1FBCD65	"X'41'" IATDMDM - DSB validation error, DSB block ID (DSBID) invalid
		.1.. ..1.		R1FBCD66	"X'42'" IATDMDM - DSS validation error, DSS block ID (DSSID) invalid
		.1.. ..11		R1FBCD67	"X'43'" IATDMDM - PUT routine, invalid DAT address
		.1.. .1..		R1FBCD68	"X'44'" IATDMDM - PUT routine, invalid buffer pointer
		.1.. .1.1		R1FBCD69	"X'45'" IATDMDM - PUT routine, no room remains in buffer
		.1.. .11.		R1FBCD70	"X'46'" IATDMDM - DAT validation error, DAT address out of range (too low)
		.1.. .111		R1FBCD71	"X'47'" IATDMDM - DAT validation error, DAT adddress out of range (too high)
		.1.. 1...		R1FBCD72	"X'48'" IATDMDM - ENDREQ routine, unsuccessful GETMAIN
		.1.. 1..1		R1FBCD73	"X'49'" IATDMDM - ENDREQ routine, Input Service error
		.1.. 1.1.		R1FBCD74	"X'4A'" IATDMDM - ENDREQ routine, JOBID not returned from Input Service
		.1.. 1.11		R1FBCD75	"X'4B'" IATDMDM - PUT routine, error re-opening INTRDR data set
		.1.. 11..		R1FBCD76	"X'4C'" IATDMDM - PUT ROUTINE, serialization failure
		.1.. 11.1		R1FBCD77	"X'4D'" IATDMDM - GETMAIN failed processing STC request
		.1.. 111.		R1FBCD78	"X'4E'" Reserved for IATDMDM
		.1.. 1111		R1FBCD79	"X'4F'" Reserved for IATDMDM
		.1.1		R1FBCD80	"X'50'" IATSIAD - SSISERV error return
		.1.1 ...1		R1FBCD81	"X'51'" IATSIAD - SSISERV error return
		.1.1 ..1.		R1FBCD82	"X'52'" IATSIAD - SSISERV error return, job marked 'delete only'
		.1.1 ..11		R1FBCD83	"X'53'" IATSIAD - SSISERV error return, catastrophic error
		.1.1 .1..		R1FBCD84	"X'54'" IATSIAD - SSISERV error return, bad data sent
		.1.1 .1.1		R1FBCD85	"X'55'" IATSIAD - SSISERV error return, error during PSO unallocation
		.1.1 .11.		R1FBCD86	"X'56'" IATSIAD - SSISERV error return, no job number available
		.1.1 .111		R1FBCD87	"X'57'" IATSIAD - SSISERV error return
		.1.1 1...		R1FBCD88	"X'58'" IATSIAD - SSISERV error return
		.1.1 1..1		R1FBCD89	"X'59'" IATSIAD - DSB message code not valid
		.1.1 1.1.		R1FBCD90	"X'5A'" IATSIAD - Non-alphanumeric sysout class allocation
		.1.1 1.11		R1FBCD91	"X'5B'" Reserved for IATSIAD
		.1.1 11..		R1FBCD92	"X'5C'" Reserved for IATSIAD
		.1.1 11.1		R1FBCD93	"X'5D'" Reserved for IATSIAD
		.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'" Reserved for IATSIOR
		.11. 1111		R1FBC111	"X'6F'" Reserved for IATSIOR

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.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'" IATDMFR - Failure in IATDMDKW
		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 - IXZXIXSM with 0210 SEGTYPE=FIRST specified 0210 failed in routine DMDMSYMT 0210
		1..1 ..11		R1FBC147	"X'93'" IATDMDM - IXZXIXSM with 0210 SEGTYPE=LAST specified 0210 failed in routine DMDMSYMT 0210
		1..1 .1..		R1FBC148	"X'94'" IATDMDM - IXZXIXAC 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'" Reserved for IATDMDM 0210
		1..1 .111		R1FBC151	"X'97'" Reserved for IATDMDM 0210
		1..1 1...		R1FBC152	"X'98'" Reserved for IATDMDM 0210
		1..1 1..1		R1FBC153	"X'99'" Reserved for IATDMDM 0210
		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

IATY1FB Cross Reference

Name	Hex Offset	Hex Value
ABEND1FB	0	1FB
R1FBCD01	0	1
R1FBCD02	0	2
R1FBCD03	0	3
R1FBCD04	0	4
R1FBCD05	0	5
R1FBCD06	0	6
R1FBCD07	0	7
R1FBCD08	0	8
R1FBCD09	0	9
R1FBCD10	0	A
R1FBCD11	0	B
R1FBCD12	0	C
R1FBCD13	0	D
R1FBCD14	0	E
R1FBCD15	0	F
R1FBCD16	0	10
R1FBCD17	0	11
R1FBCD18	0	12
R1FBCD19	0	13
R1FBCD20	0	14
R1FBCD21	0	15
R1FBCD22	0	16
R1FBCD23	0	17
R1FBCD24	0	18
R1FBCD25	0	19
R1FBCD26	0	1A
R1FBCD27	0	1B
R1FBCD28	0	1C
R1FBCD29	0	1D
R1FBCD30	0	1E
R1FBCD31	0	1F
R1FBCD32	0	20
R1FBCD33	0	21
R1FBCD34	0	22
R1FBCD35	0	23
R1FBCD36	0	24
R1FBCD37	0	25
R1FBCD38	0	26
R1FBCD39	0	27
R1FBCD40	0	28
R1FBCD41	0	29
R1FBCD42	0	2A
R1FBCD43	0	2B
R1FBCD44	0	2C
R1FBCD45	0	2D
R1FBCD46	0	2E
R1FBCD47	0	2F
R1FBCD48	0	30
R1FBCD49	0	31
R1FBCD50	0	32
R1FBCD51	0	33
R1FBCD52	0	34
R1FBCD53	0	35
R1FBCD54	0	36
R1FBCD55	0	37
R1FBCD56	0	38
R1FBCD57	0	39
R1FBCD58	0	3A
R1FBCD59	0	3B
R1FBCD60	0	3C
R1FBCD61	0	3D
R1FBCD62	0	3E
R1FBCD63	0	3F
R1FBCD64	0	40
R1FBCD65	0	41
R1FBCD66	0	42
R1FBCD67	0	43
R1FBCD68	0	44
R1FBCD69	0	45
R1FBCD70	0	46
R1FBCD71	0	47
R1FBCD72	0	48
R1FBCD73	0	49
R1FBCD74	0	4A
R1FBCD75	0	4B
R1FBCD76	0	4C
R1FBCD77	0	4D
R1FBCD78	0	4E
R1FBCD79	0	4F
R1FBCD80	0	50
R1FBCD81	0	51
R1FBCD82	0	52
R1FBCD83	0	53
R1FBCD84	0	54
R1FBCD85	0	55
R1FBCD86	0	56
R1FBCD87	0	57
R1FBCD88	0	58
R1FBCD89	0	59
R1FBCD90	0	5A
R1FBCD91	0	5B
R1FBCD92	0	5C
R1FBCD93	0	5D
R1FBCD94	0	5E
R1FBCD95	0	5F
R1FBCD96	0	60
R1FBCD97	0	61
R1FBCD98	0	62
R1FBCD99	0	63
R1FBC100	0	64
R1FBC101	0	65
R1FBC102	0	66
R1FBC103	0	67
R1FBC104	0	68
R1FBC105	0	69
R1FBC106	0	6A
R1FBC107	0	6B
R1FBC108	0	6C
R1FBC109	0	6D
R1FBC110	0	6E
R1FBC111	0	6F
R1FBC112	0	70
R1FBC113	0	71
R1FBC114	0	72
R1FBC115	0	73
R1FBC116	0	74
R1FBC117	0	75
R1FBC118	0	76
R1FBC119	0	77
R1FBC120	0	78
R1FBC121	0	79
R1FBC122	0	7A
R1FBC123	0	7B
R1FBC124	0	7C
R1FBC125	0	7D

IATY1FB Cross Reference

Name	Hex Offset	Hex Value
R1FBC126	0	7E
R1FBC127	0	7F
R1FBC128	0	80
R1FBC129	0	81
R1FBC144	0	90
R1FBC145	0	91
R1FBC146	0	92
R1FBC147	0	93
R1FBC148	0	94
R1FBC149	0	95
R1FBC150	0	96
R1FBC151	0	97
R1FBC152	0	98
R1FBC153	0	99
R1FBC160	0	A0
R1FBC161	0	A1
R1FBC168	0	A8
R1FBC169	0	A9
R1FBC170	0	AA
R1FBC171	0	AB
R1FBC172	0	AC
R1FBC173	0	AD
R1FBC174	0	AE
R1FBC175	0	AF
R1FBC176	0	B0
R1FBC177	0	B1
R1FBC178	0	B2

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
		...1		R6FBCD16	"X'10'" IATSSRN - IXZXIXRR failure
		...1 ...1		R6FBCD17	"X'11'" IATSSRN - reserved
		...1 ..1.		R6FBCD18	"X'12'" IATSSRN - reserved
		...1 ..11		R6FBCD19	"X'13'" IATSSRN - reserved
		...1 .1..		R6FBCD20	"X'14'" IATSSRN - reserved
		...1 .1.1		R6FBCD21	"X'15'" IATSSRN - reserved
		...1 .11.		R6FBCD22	"X'16'" IATSSRN - reserved
		...1 .111		R6FBCD23	"X'17'" IATSSRN - reserved
		...1 1...		R6FBCD24	"X'18'" IATSSRN - reserved
		...1 1..1		R6FBCD25	"X'19'" IATSSRN - reserved
		...1 1.1.		R6FBCD26	"X'1A'" IATSSRN - reserved
		...1 1.11		R6FBCD27	"X'1B'" IATSSRN - reserved
		...1 11..		R6FBCD28	"X'1C'" IATSSRN - reserved
		...1 11.1		R6FBCD29	"X'1D'" IATSSRN - reserved
		...1 111.		R6FBCD30	"X'1E'" IATSSRN - reserved
		...1 1111		R6FBCD31	"X'1F'" IATSSRN - reserved
		..1.		R6FBCD32	"X'20'" IATSSRN - reserved

Comment

IATSSRE/SSRECRXT - IATY6FB Abend Reason Codes

End of Comment

		..1. ...1		R6FBCD33	"X'21'" SSRECRXT - Input Validation Bad SRB Address passed as input
		..1. ..1.		R6FBCD34	"X'22'" SSRECRXT - Input Validation Bad SRB Extension Address passed as input
		..1. ..11		R6FBCD35	"X'23'" SSRECRXT - Input Validation Bad JES XCF Acknowledgement Message in CADS Buffer
		..1. .1..		R6FBCD36	"X'24'" SSRECRXT - Input Validation Bad Staging Area Header in CADS Buffer
		..1. .1.1		R6FBCD37	"X'25'" SSRECRXT - Input Validation Bad Response Exit Address in CADS Buffer Prefix
		..1. .11.		R6FBCD38	"X'26'" SSRECRXT - Input Validation Bad CADS Buffer length in CADS Buffer
		..1. .111		R6FBCD39	"X'27'" SSRECRXT - Input Validation Bad Return Code within the Acknowledgement Message

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IATY6FB Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		..1. 1...		R6FBCD40	"X'28'" SSRECRXT - STORAGE OBTAIN Storage not obtained for Staging Area Buffer
		..1. 1..1		R6FBCD41	"X'29'" SSRECRXT - Return from TCBTOKEN indicated a program error
		..1. 1.1.		R6FBCD42	"X'2A'" SSRECRXT - reserved
		..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
		.1..		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	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
ABEND6FB	0	6FB	R6FBCD30	0	1E
R6FBCD16	0	10	R6FBCD31	0	1F
R6FBCD17	0	11	R6FBCD32	0	20
R6FBCD18	0	12	R6FBCD33	0	21
R6FBCD19	0	13	R6FBCD34	0	22
R6FBCD20	0	14	R6FBCD35	0	23
R6FBCD21	0	15	R6FBCD36	0	24
R6FBCD22	0	16	R6FBCD37	0	25
R6FBCD23	0	17	R6FBCD38	0	26
R6FBCD24	0	18	R6FBCD39	0	27
R6FBCD25	0	19	R6FBCD40	0	28
R6FBCD26	0	1A	R6FBCD41	0	29
R6FBCD27	0	1B	R6FBCD42	0	2A
R6FBCD28	0	1C	R6FBCD43	0	2B
R6FBCD29	0	1D	R6FBCD44	0	2C

Name	Hex Offset	Hex Value
R6FBCD45	0	2D
R6FBCD46	0	2E
R6FBCD47	0	2F
R6FBCD48	0	30
R6FBCD49	0	31
R6FBCD50	0	32
R6FBCD51	0	33
R6FBCD52	0	34
R6FBCD53	0	35
R6FBCD54	0	36
R6FBCD55	0	37
R6FBCD56	0	38
R6FBCD57	0	39
R6FBCD58	0	3A
R6FBCD59	0	3B
R6FBCD60	0	3C
R6FBCD61	0	3D
R6FBCD62	0	3E
R6FBCD63	0	3F
R6FBCD64	0	40

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

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IATY8FB Cross Reference

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

IATY8FB Cross Reference

Name	Hex Offset	Hex Value
ABEND8FB	0	8FB
R8FBBSMD	0	24
R8FBCNM0	0	22
R8FBDSSB	0	7
R8FBELVS	0	18
R8FBEPLC	0	2
R8FBESSS	0	D
R8FBGMER	0	1F
R8FBGRBK	0	12
R8FBIENF	0	1E
R8FBIVCM	0	1C
R8FBIVFC	0	11
R8FBIVVR	0	1A
R8FBJLEX	0	20
R8FBJSCO	0	9
R8FBLCBK	0	13
R8FBLEST	0	16
R8FBMBBL	0	23
R8FBRSVF	0	15
R8FBRS17	0	17
R8FBSAGT	0	1D
R8FBSAPT	0	E
R8FBSPLC	0	1
R8FBSPPT	0	10
R8FBSSCS	0	3
R8FBSSSS	0	C
R8FBSSVR	0	A
R8FBSTBK	0	14
R8FBSTPT	0	19
R8FBSTZN	0	21
R8FBSWAC	0	5
R8FBUBFI	0	8
R8FBUPWT	0	6
R8FB0EST	0	F

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- DFSMSdss
- DFSMShsm
- DFSMSrmm
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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**.

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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 this book.

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 data area itself is **NOT** a programming interface.

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- Use assistive technologies such as screen-readers and screen magnifier software
- Operate specific or equivalent features using only the keyboard
- Customize display attributes such as color, contrast, and font size.

Using assistive technologies

Assistive technology products, such as screen-readers, function with the user interfaces found in z/OS. Consult the assistive technology documentation for specific information when using it to access z/OS interfaces.

Keyboard navigation of the user interface

Users can access z/OS user interfaces using TSO/E or ISPF. Refer to *z/OS TSO/E Primer* and *z/OS ISPF User's Guide Volume I* for information about accessing TSO/E and ISPF interfaces. These guides describe how to use TSO/E and ISPF, including the use of keyboard shortcuts or function keys (PF keys). Each guide includes the default settings for the PF keys and explains how to modify their functions.

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