z/OS

JES3 Data Areas, Volume 1 (IATYARL - IATYIDVS)

GA22-7543-03

z/OS

JES3 Data Areas, Volume 1 (IATYARL - IATYIDVS)

GA22-7543-03

Note

Before using this information and the product it supports, be sure to read the general information under “Notices” on page 533.

Fourth Edition, September 2002

This is a major revision of GA22-7543-02.

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 GA22-7543-03
z/OS Version 1 Release 4

This book contains information previously presented in *z/OS JES3 Data Areas*, GA22-7543-02, 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. Technical changes or additions to the text and illustrations are indicated by a vertical line to the left of the change.

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 GA22-7543-01 and GA22-7543-02
z/OS Version 1 Release 2

This book contains information previously presented in *z/OS JES3 Data Areas*, GA22-7543-00, which supports z/OS Version 1 Release 1.

New Information

The following data areas have been added:

- IATYENDR
- IATYGRSP

Summary of Changes
for GA22-7543-00
z/OS Version 1 Release 1

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

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IATYARL Heading Information

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

IATYARL Map

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

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

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IATYARL Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
1	(1)	BITSTRING	1	ARLBODY (0)	START OF VARIABLE PORTION

Comment

REMAINDER OF ARL DEVICE ENTRY

End of Comment

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

Comment

REMAINDER OF ARL VOLUME/DATASET ENTRY

End of Comment

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

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

IATYARL Cross Reference

Name	Hex Offset	Hex Value
ARLBODY	1	
ARLCHAR	0	C1D9D340
ARLDEV	0	80
ARLDEVFL	A	0
ARLDEVRQ	8	0
ARLDEVTY	1	
ARLDEXC	2	40
ARLDSN	0	20
ARLDSNAD	8	
ARLDSNFL	1	80
ARLDSNTY	1	
ARLEEND	C	
ARLENT	0	
ARLENTNO	C	4
ARLENTRY	0	
ARLESIZ	C	C
ARLFCHN	4	
ARLFLG1	2	
ARLGDGBL	1	40
ARLHEND	18	
ARLHEXC	2	20
ARLHFLG1	11	
ARLHSIZ	18	18
ARLJHDV	11	80
ARLJHMS	11	40
ARLLISTC	2	
ARLLSTX	14	
ARLMAIN	10	0
ARLMSS	1	80
ARLNAME	4	
ARLRESV1	12	
ARLRESV4	3	
ARLRFRSH	A	0
ARLRSQ	C	
ARLSCAN	8	0
ARLSPEC	1	40
ARLSTART	0	
ARLTERM	0	8
ARLTSIZ	C	48
ARLUSED	0	E0
ARLVALL	1	40
ARLVDEV	1	80
ARLVEXC	2	80
ARLVOL	0	40
ARLVOLAD	4	
ARLVOLTY	1	
ARLXCHAR	0	C1D9D3E7
ARLXHEAD	0	
ARLXNAME	8	
ARLXNEXT	4	

IATYATDE Programming Interface information

Programming Interface information

IATYATDE

End of Programming Interface information

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IATYATDE Heading Information

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

IATYATDE Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	ATDE	AUX TASK DISPATCHING BLOCK
0	(0)	SIGNED	4	ATDENEXT	ADDRESS OF NEXT ATDE ON CHAIN
4	(4)	CHARACTER	4	ATDEID	EBDIC IDENTIFIER FOR ATDE
8	(8)	BITSTRING	10	ATDEAWLR	DISPATCHING INSTR. SEQ. TO GET ECF ADDR AND NEXT ATDE ADDR
18	(12)	BITSTRING	4	ATDEAWTM	TM TO TEST WAIT CONDITION
22	(16)	BITSTRING	4	ATDEAWBC	BC IF WAIT CONDITION NOT SATISFIED
26	(1A)	BITSTRING	2	ATDEAWBU	BR TO DISPATCH FCT ASSOC. WITH ATDE 1
28	(1C)	SIGNED	4	ATDEECFA	AWAIT ECF ADDRESS
32	(20)	BITSTRING	1	(3)	MUST BE ZERO
35	(23)	BITSTRING	1	ATDEMASK	AWAIT ECF MASK
36	(24)	SIGNED	4	ATDEFCT	ADDR OF ASSOCIATED FCT
40	(28)	SIGNED	4	ATDEATCB	ADDR OF ATCB WHEN DISPATCHED ELSE 0
44	(2C)	BITSTRING	1	ATDEPRTY	FCT PRIORITY FOR THIS ATDE
		Comment			
		DEFINITION OF ATDEDISP			
		End of Comment			
45	(2D)	BITSTRING	1	ATDEDISP	DISPATCHING CONTROL SWITCH
		....		ATDENTSK	"X'00'" DISPATCH UNDER JES3 NUC TASK
		1111 1111		ATDEATSK	"X'FF'" DISPATCH UNDER JES3 AUX TASK
		Comment			
		DEFINITION OF ATDEFLG1 SERIALIZED BY COMPARE AND SWAP			
		End of Comment			
46	(2E)	BITSTRING	1	ATDEFLG1	WORK FLAG BYTE *** USE CS INSTR ***
		1...		ATDEATCH	"X'80'" ATTACH ATDE TO DISPATCHING CHAIN
		.1..		ATDEDTCH	"X'40'" DETACH ATDE FROM DISPATCHING CHAIN

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
		..11 1111		ATDERSV1	"X'3F'" RESERVED FOR DEVELOPMENT
47	(2F)	BITSTRING	1	ATDERSV2	RESERVED FOR DEVELOPMENT
48	(30)	SIGNED	4	ATDEWORK (2)	WORK AREA FOR SETMODE
56	(38)	SIGNED	4	ATDERSV3 (2)	RESERVED FOR DEVELOPMENT
64	(40)	SIGNED	4	ATDEEND (0)	END OF ATDE
64	(40)	X'40'	0	ATDESIZE	"*-ATDE" SIZE OF ATDE

IATYATDE Cross Reference

Name	Hex Offset	Hex Value
ATDE	0	
ATDEATCB	28	
ATDEATCH	2E	80
ATDEATSK	2D	FF
ATDEAWBC	16	
ATDEAWBU	1A	
ATDEAWLR	8	
ATDEAWTM	12	
ATDEDISP	2D	
ATDEDTCH	2E	40
ATDEECFA	1C	
ATDEEND	40	
ATDEFCT	24	
ATDEFLG1	2E	
ATDEID	4	
ATDEMASK	23	
ATDENEXT	0	
ATDENTSK	2D	0
ATDEPRTY	2C	
ATDERSV1	2E	3F
ATDERSV2	2F	
ATDERSV3	38	
ATDESIZE	40	40
ATDEWORK	30	

IATYAWA Programming Interface information

Programming Interface information

IATYAWA

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

- AWADYR

End of Programming Interface information

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IATYAWA Heading Information

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

IATYAWA Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	AWA	
0	(0)	SIGNED	4	AWABGN (0)	START OF AWA DSECT
0	(0)	SIGNED	4	AWASVARA (18)	REG SAVE AREA CHAIN FIELD
0	(0)	X'C'	0	AWASVREG	"AWASVARA+12" REGISTERS SAVED HERE
72	(48)	SIGNED	4	AWASSOB	POINTER TO INPUT SSOB 7547
76	(4C)	SIGNED	2		AVAILABLE EXPANSION AREA
78	(4E)	SIGNED	2	AWAREADS	CNT SSI JST READS CURENT JOB
80	(50)	BITSTRING	8	AWAJOB	CURRENT JOB ID
88	(58)	BITSTRING	6	AWATRK1	SPL ADDR, LAST JST STEP ENT.
94	(5E)	BITSTRING	6	AWATRK2	SPL ADDR, LAST JST RCD READ
100	(64)	SIGNED	4	AWASADR	CORE LOC. OF LAST STEP ENTRY
104	(68)	BITSTRING	1	AWAFLG1	AWAFLG1 FLAG 1
		1...		AWABALLC	"X'80'" APPC TP- BATCH ALLOCATION CALL
		.1..		AWANODYN	"X'40'" JES DIDNOT DO DYN ALLOC
		..1.		AWANOJST	"X'20'" NO JST RECORDS EXIST FOR JOB
		...1		AWADYNAL	"X'10'" SEND SA TO DYNAL FCT
		.... 1...		AWADMDS	"X'08'" SEND SA TO MDS
		.... .1..		AWADYAGM	"X'04'" IATSIDA - DYA OBTAINED
		.... ..1.		AWABYP	"X'02'" DYNALDSN/UX32 'BYPASS' OR 'PROTECT' INDICATOR. ON=BYPASS, OFF=PROTECT
		1		AWADDFND	"X'01'" JST DD ENTRY EXISTS
105	(69)	BITSTRING	1	AWAFLG2	TRACE FLAGS AND CODES
		1...		AWNOTFND	"X'80'" JST NOT FOUND
		.1..		AWUPDTCU	"X'40'" CU BUF SENT FOR MISSED STEPS
		..1.		AWRSMSG2	"X'20'" TR MSG2 MUST BE RESTORED
		...1		AWAMSVGP	"X'10'" MSVGP ALLOCATION FAILURE
		.... .111		AWSENT	"X'07'" BUF SENT CODE, BITS 5-7
105	(69)	X'1'	0	AWSENTCA	"1" CA BUF SENT TO GLOBAL
105	(69)	X'2'	0	AWSENTDA	"2" DA BUF SENT TO GLOBAL
105	(69)	X'3'	0	AWSENTCU	"3" CU BUF SENT TO GLOBAL
105	(69)	X'4'	0	AWSENTDU	"4" DU BUF SENT TO GLOBAL
105	(69)	X'5'	0	AWSENTVR	"5" VR BUF SENT TO GLOBAL
105	(69)	X'D7'	0	AWATRACE	"AWNOTFND+AWUPDTCU+AWAMSVGP+AWSENT" TRACE BITS
106	(6A)	BITSTRING	1	AWASTEP	LAST MATCHING STEP NO.
107	(6B)	BITSTRING	1	AWACUSN	LAST STEPNO THRU COM DEALOC
108	(6C)	SIGNED	4	AWAECB	SSISERVE ECB
112	(70)	SIGNED	4	AWASWAP (0)	PARM LIST FOR LOC. SWA MANAGER

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		SWAREQ MF=L			
				End of Comment	
112	(70)	SIGNED	4	(0)	SWA MANAGER PARAMETER LIST
112	(70)	ADDRESS	4	EPA@0003	ADDR OF EPA FOR SWA MANAGER
116	(74)	ADDRESS	4	FCD@0003	ADDR OF FUNCTION CODE FOR SWA MANAGER
120	(78)	SIGNED	4	AWAEPA (0)	LOCATE MODE SWA MGR. EPA
120	(78)	BITSTRING	1	(0)	
136	(88)	ADDRESS	4	AWAEPAP	POINTER TO THE EPA
				Comment	
		---------- FORMAT OF ALLOCATION SSI'S OUTPUT BUFFER ----------			
				End of Comment	
140	(8C)	BITSTRING	96	AWAOBUF	OUTPUT BUFFER
140	(8C)	SIGNED	2	AWADSIZE	SIZE OF DATA IN OUTPUT BUF
142	(8E)	SIGNED	2	AWAMDSRC (0)	MDS RETURN CODE TO SSI
142	(8E)	BITSTRING	1	AWASTEPN	STEP NO ASSOCIATED WITH RQST
143	(8F)	BITSTRING	1	AWATYPE	REQST TYPE (SAME AS MDSSECF)
144	(90)	CHARACTER	8	AWAJBID	JOB ID OF ASSOCIATED RQST
152	(98)	BITSTRING	1	AWAODATA (0)	FUNCTION DEPENDENT DATA
				Comment	
		COMMON ALLOCATION DATA AREA FORMAT			
				End of Comment	
152	(98)	CHARACTER	8	AWCADDNM	DDNAME BEING ALLOCATED
160	(A0)	BITSTRING	2	AWCARPN	DDNAME RELATIVE POSITION NO.
162	(A2)	CHARACTER	44	AWCADSN	DSNAME OF DATASET BEING ALOC
206	(CE)	BITSTRING	1	AWCAEND (0)	END OF COMMON ALOCATION DATA
206	(CE)	BITSTRING	0	AWCASIZE (0)	LENGTH OF COMMON ALOC DATA
				Comment	
		DEALLOCATION DATA AREA FORMAT			
				End of Comment	
152	(98)	BITSTRING	1	AWCUFUNC	DEALLOCATION FUNCTION CODE
		.... ..1.		AWCUVR	"X'02'" EARLY VOLUME RELEASE BUFFER
		.... .1..		AWCUCU	"X'04'" COMMON DEALLOCATION BUFFER
		.... 1...		AWCUDU	"X'08'" DYNAMIC DEALLOCATION BUFFER
		...1		AWCUTPU	"X'10'" TRANSACTION PROGRAM- STEP DEALLOCATION
		...1 1...		AWCUFDY	"X'18'" DYNAMIC DE-ALLOC FOR FAILED DYNAMIC ALLOCATION
153	(99)	BITSTRING	1	AWCUSTEP	STEP NUMBER BEING DEALOCATED
154	(9A)	SIGNED	2	AWCUBUFN	DJST BUF NUM TO DEALLOC
156	(9C)	BITSTRING	1	AWCUCEND (0)	END OF COMMON DEALLOC DATA
156	(9C)	BITSTRING	0	AWCUCSIZ (0)	LENGTH OF COMN DEALOC DATA
156	(9C)	CHARACTER	8	AWCUDDNM	DDNAME BEING DYN DEALOCATED
164	(A4)	BITSTRING	2	AWCURPN	DDNAME RELATIVE POSITION NO.
166	(A6)	BITSTRING	1	AWCUDEND (0)	END OF DYNAMIC DEALOC DATA
166	(A6)	BITSTRING	0	AWCUDSIZ (0)	LENGTH OF DYN DEALOC DATA
166	(A6)	CHARACTER	6	AWCUVOL	VOLUME BEING EARLY VOL RELEASED
172	(AC)	BITSTRING	1	AWCUVEND (0)	END OF EARLY VOL REL DATA
172	(AC)	BITSTRING	0	AWCUVSIZ (0)	LENGTH OF EARLY VOL REL DATA

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		CHANGE DDNAME DATA AREA FORMAT			
				End of Comment	
152	(98)	SIGNED	2	AWDDCNT	NO. OF DDNAME PAIRS IN BUF
154	(9A)	BITSTRING	1	AWDDNTRY (0)	START OF CHANGE DDNAME ENTRY
154	(9A)	CHARACTER	8	AWDDODDN	DDNAME TO BE CHANGED
162	(A2)	SIGNED	2	AWDDORPN	RELATIVE POS. NO. OF OLD DDN
164	(A4)	CHARACTER	8	AWDDNDDN	NEW DDNAME
172	(AC)	SIGNED	2	AWDDNRPN	RELATIVE POS. NO. OF NEW DDN
174	(AE)	BITSTRING	1	AWDDEEND (0)	END OF CHANGE DDNAME ENTRY
174	(AE)	BITSTRING	0	AWDDFSIZ (0)	SIZE OF CHANGE DDN HEADER
174	(AE)	BITSTRING	0	AWDDESIZ (0)	SIZE OF CHANGE DDN ENTRY
				Comment	
		CHANGE ENQ USE DATA AREA FORMAT			
				End of Comment	
152	(98)	CHARACTER	44	AWNQDSN	DSNAME WHOSE DISP TO CHANGE
196	(C4)	BITSTRING	1	AWNQFLG1	FLAG 1
		1...		AWNQSTEX	"X'80'" CHANGE FROM SHR TO EXCLUSIVE
197	(C5)	BITSTRING	1	AWNQFLG2	FLAG 2
198	(C6)	BITSTRING	1	AWNQEND (0)	END OF CHANGE ENQ DATA
198	(C6)	BITSTRING	0	AWNQSIZE (0)	SIZE OF CHANGE ENQ DATA
				Comment	
		ESTAE PARAMETER LIST ESTAE MF=L MACDATE 10/01/94			
				End of Comment	
152	(98)	SIGNED	4	(0)	
152	(98)	ADDRESS	1	AWAESTA	FLAGS FOR TCB,PURGE,ASYNCH, AND CANCEL
153	(99)	ADDRESS	3		FIELD NO LONGER USED
156	(9C)	ADDRESS	4		PARM. LIST ADDR. NOT SPECIFIED
160	(A0)	ADDRESS	4		TCB NOT SPECIFIED
164	(A4)	ADDRESS	1		FLAGS
165	(A5)	ADDRESS	1		THIRD FLAG BYTE
166	(A6)	ADDRESS	2		RESERVED
168	(A8)	ADDRESS	4		TOKEN VALUE AREA
172	(AC)	ADDRESS	4		EXIT ADDR NOT SPECD
				Comment	
		SDUMP PARAMETER LIST SDUMP SDATA=(ALLPSA,ALLNUC,RGN,CSA,TRT,LPA,SQA,SWA,SUM), MF=L			
				End of Comment	
152	(98)	SIGNED	4	AWASDMP (0)	SDUMP PARAMETER LIST
152	(98)	ADDRESS	1		FLAG BYTE
153	(99)	ADDRESS	1		FLAG BYTE
154	(9A)	ADDRESS	1		FLAG BYTE
155	(9B)	ADDRESS	1		FLAG BYTE
156	(9C)	ADDRESS	4		ADDRESS OF DCB
160	(A0)	ADDRESS	4		ADDRESS OF STORAGE LIST
164	(A4)	ADDRESS	4		ADDRESS OF USER DATA
168	(A8)	ADDRESS	4		ADDRESS OF ECB/SRB
172	(AC)	ADDRESS	2		CURRENT ASID
174	(AE)	ADDRESS	2		OTHER ASID

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
176	(B0)	ADDRESS	4		ADDRESS OF ASID LIST
180	(B4)	ADDRESS	4		ADDRESS OF SUMLIST/SUMLSTA LIST
184	(B8)	ADDRESS	4		RESERVED
188	(BC)	ADDRESS	4		RESERVED
192	(C0)	ADDRESS	1		FLAG BYTE
193	(C1)	ADDRESS	1		CONTROL FLAG BYTE
194	(C2)	ADDRESS	1		TYPE FLAG BYTE
195	(C3)	ADDRESS	1		VERSION
196	(C4)	ADDRESS	1		EXIT FLAG BYTE
197	(C5)	ADDRESS	1		RESERVED SDATA/EXIT
198	(C6)	ADDRESS	1		SDATA OPTIONS
199	(C7)	ADDRESS	1		RESERVED SDATA OPTIONS
200	(C8)	ADDRESS	4		ADDRESS OF SUBPLST
204	(CC)	ADDRESS	4		ADDRESS OF KEYLIST
208	(D0)	ADDRESS	4		RESERVED
212	(D4)	ADDRESS	4	(2)	RESERVED

Comment

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

End of Comment

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

Comment

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

End of Comment

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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- FOR MACROS LIKE LINK, IFGXATL, AND UCBDEVN, THE FIRST 18 FULLWORDS ARE USED FOR THE SAVE AREA. ANOTHER 20 BYTES ARE NEEDED FOR ROUTINE IEFAB49C'S PARAMETER LIST. FOR UCBDEVN, A FOUR BYTE UCB DEVICE NUMBER IS IS NEEDED FOR THE MACRO CALL. ----------	
				End of Comment	
432	(1B0)	SIGNED	4	AWAMACSV (18)	SAVE AREA FOR MACROS
504	(1F8)	SIGNED	4	AWA49CPL (5)	IEFAB49C PARM LIST SAVE AREA
				Comment	
				---------- THE FOLLOWING 2 LABELS MAP THE PARAMETER LIST TO BE PASSED TO IFGXATL. THEY MUST MAP 12 CONTIGUOUS BYTES ----------	
				End of Comment	
504	(1F8)	X'1F8'	0	AWASMSUT	"AWA49CPL,8" FIRST LIBRARY UNITNAME
504	(1F8)	X'200'	0	AWAULIST	"AWASMSUT+8,4" POINTER TO UNITNAME LIST
504	(1F8)	X'204'	0	AWADYASV	"AWAULIST+4,4" ADDRESS OF ORIGINAL DYA WHILE EXTENDED DYA'S IN USE
524	(20C)	SIGNED	4	AWAUCBAD	4 BYTES UCB ADDRESS 2
528	(210)	ADDRESS	4	AWADYR	LIFO CHAIN OF IATYDYR
532	(214)	SIGNED	4	AWADYNCT	DYNAL DYN ALLOC COUNT
				Comment	
				FOLLOWING FOUR WORDS RESERVED FOR USE BY ALLOC SSI SAMPLER	
				End of Comment	
536	(218)	DBL WORD	8	(0)	FIELDS USED TO STCK.
536	(218)	SIGNED	4	AWANTIM	NEW TIME
540	(21C)	SIGNED	4	AWANMIN	NEW TIME (MINUTES)
544	(220)	SIGNED	4	AWAOTIM	OLD TIME
548	(224)	SIGNED	4	AWAOMINS	OLD TIME (MINUTES)
				Comment	
				END OF FIELDS RESERVED FOR ALLOC SSI SAMPLER.	
				End of Comment	
552	(228)	SIGNED	4	AWARSAV1	REG SAVE AREA FOR SICA
556	(22C)	SIGNED	4	AWARSAV2	REG SAVE AREA FOR SICA
560	(230)	SIGNED	4	AWACHNMR (2)	JST CHAIN SAVE AREA SICA 2274
568	(238)	CHARACTER	4	AWADYUCB	DEVICE NUMBER FOR DYNAL
572	(23C)	BITSTRING	1	AWAVRKEY	USER'S PROTECT KEY SAVE AREA
573	(23D)	BITSTRING	1	AWARSVS1 (2)	RESERVED FOR SERVICE
575	(23F)	BITSTRING	1	AWAFUNC	FUNCTION CODE FOR IATSICA
				Comment	
				---------- DEFINITION OF AWAFUNC ----------	
				End of Comment	
		1...		AWACAREQ	"X'80'" COMMON ALLOCATION REQUEST

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.1..		AWACUREQ	"X'40'" COMMON UNALLOCATION REQUEST
		..1.		AWADAREQ	"X'20'" DYNAMIC ALLOCATION REQUEST
		...1		AWADUREQ	"X'10'" DYNAMIC UNALLOC REQUEST
576	(240)	SIGNED	2	AWARSVS2	RESERVED FOR SERVICE
578	(242)	SIGNED	2	AWADYNID	DYNAMIC ALLOCATON ID
580	(244)	SIGNED	4	AWARSVU1 (2)	AVAILABLE FOR USER
588	(24C)	BITSTRING	148	AWAVFY	RESERVE SPACE FOR VMSG
736	(2E0)	SIGNED	4	(0)	FULL-WORD ALIGN
736	(2E0)	BITSTRING	72	AWAVMVR	VOLUME MOUNT AND VERIFY REQUEST BLOCK
808	(328)	SIGNED	4	AWAPAD (12)	INSURANCE FOR INCREASE IN SIZE OF VMVR
856	(358)	ADDRESS	4	AWASUTKN	SETUNITs access token address
860	(35C)	ADDRESS	4	AWASNTKN	SETNAMEs access token address
864	(360)	ADDRESS	4	AWADYTKN	DYNALDSN access token address
868	(364)	ADDRESS	4	AWASETUN	SETUNITS address from IATXMVDA service
872	(368)	ADDRESS	4	AWASETNM	SETNAMES address from IATXMVDA service
876	(36C)	ADDRESS	4	AWADYD	DYNALDSN address from IATXMVDA service
880	(370)	SIGNED	4	AWARSVD3	Reserved for development
884	(374)	SIGNED	4	AWARSVD4	Reserved for development
888	(378)	SIGNED	4	AWARSVD5	Reserved for development
892	(37C)	SIGNED	4	AWARSVD6	Reserved for development
896	(380)	SIGNED	4	AWARSVD7	Reserved for development
900	(384)	SIGNED	4	AWARSVS3	Reserved for service
904	(388)	SIGNED	4	AWARSVS4	Reserved for service
908	(38C)	SIGNED	4	AWARSVS5	Reserved for service
912	(390)	SIGNED	4	AWARSVS6	Reserved for service
916	(394)	SIGNED	4	AWARSVS7	Reserved for service
920	(398)	SIGNED	4	AWAEND (0)	END OF AWA
920	(398)	BITSTRING	1	AWASIZE (0)	SIZE OF AWA

Comment

ALLOCATION SSI TRACE FORMAT

End of Comment

Comment

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

End of Comment

140	(8C)	BITSTRING	1	TRACERCD (0)	TRACE RECORD TO BE PRINTED
140	(8C)	CHARACTER	8	TRACMODN	MODULE NAME FOLLOWED BY "-"
148	(94)	CHARACTER	3	TRACFUNC	FUNCTION BEING EXECUTED
151	(97)	CHARACTER	1		FILLER
152	(98)	CHARACTER	3	TRACJHR	'JOB'
155	(9B)	CHARACTER	1		FILLER
156	(9C)	CHARACTER	8	TRACJNM	JOB NAME MAKING REQUEST
164	(A4)	CHARACTER	1		FILLER
165	(A5)	CHARACTER	1	TRACJLP	'('
166	(A6)	CHARACTER	8	TRACJOB	JOB ID MAKING REQUEST
174	(AE)	CHARACTER	1	TRACJRP	')'
175	(AF)	CHARACTER	1		FILLER
176	(B0)	CHARACTER	8	TRACSTEP	STEP NUMBER MAKING REQUEST
184	(B8)	CHARACTER	1		FILLER
185	(B9)	CHARACTER	3	TRACRCC	'RC ='
188	(BC)	CHARACTER	2	TRACRC	RETURN CODE TO MVS
190	(BE)	CHARACTER	2		FILLER
192	(C0)	CHARACTER	11	TRACMSG	PUT SENT COMMENTS HERE

IATYAWA Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- THE SECOND PART OF THE MESSAGE APPEARS IF THERE IS ADDITIONAL INFORMATION TO TRACE AS INDICATED BY AWAFLG2. ----------
					End of Comment
192	(C0)	CHARACTER	5		FILLER
197	(C5)	CHARACTER	2	TRACMSNT	BUFFER TYPE SENT TO GLOBAL
199	(C7)	CHARACTER	1		FILLER
200	(C8)	CHARACTER	3	TRACMCUP	USED IF CU UPDATE BUF SENT
203	(CB)	BITSTRING	1	TRACEND (0)	END OF FIRST MSG
203	(CB)	BITSTRING	0	TRACNO2 (0)	END WITHOUT SECOND MSG
203	(CB)	CHARACTER	1		FILLER
204	(CC)	CHARACTER	32	TRACMSG2	SPECIAL MESSAGES
204	(CC)	CHARACTER	8	TRACDATY	SCTUTYPE OR JSTTYPE PUT HERE
212	(D4)	CHARACTER	1		FILLER
213	(D5)	CHARACTER	8	TRACDADD	DDNAME FROM SIOT OR JST
221	(DD)	CHARACTER	1		FILLER
222	(DE)	CHARACTER	6	TRACDAVS	VOL SER FROM JFCB OR JST
228	(E4)	CHARACTER	1		FILLER
229	(E5)	CHARACTER	7	TRACDAMS	REASON DA NOT JES PROCESSED
204	(CC)	CHARACTER	8	TRACDDNF	DDNAME FOR RQST NOT IN JST
					Comment
					---------- LENGTH USED ON IATXTRC MACRO. ----------
					End of Comment
204	(CC)	X'18'	0	TRACXLEN	"((L'AWAOBUF)+3)/4" NUMBER OF WORDS IN AWAOBUF

IATYAWA Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
AWA	0		AWAEPA	78	
AWABALLC	68	80	AWAEPAP	88	
AWABGN	0		AWAESTA	98	
AWABYP	68	2	AWAFLG1	68	
AWACAREQ	23F	80	AWAFLG2	69	
AWACHNMR	230		AWAFUNC	23F	
AWACUREQ	23F	40	AWAIBUF	114	
AWACUSN	6B		AWAIOSGN	1B0	
AWADAREQ	23F	20	AWAJBID	90	
AWADDFND	68	1	AWAJOB	50	
AWADMDS	68	8	AWAMACSV	1B0	
AWADSIZE	8C		AWAMBUF	EC	
AWADUREQ	23F	10	AWAMDSRC	8E	
AWADYAGM	68	4	AWAMSVGP	69	10
AWADYASV	1F8	204	AWANMIN	21C	
AWADYD	36C		AWANODYN	68	40
AWADYNAL	68	10	AWANOJST	68	20
AWADYNCT	214		AWANTIM	218	
AWADYNID	242		AWAOBUF	8C	
AWADYR	210		AWAODATA	98	
AWADYTKN	360		AWAOMINS	224	
AWADYUCB	238		AWAOTIM	220	
AWAECB	6C		AWAPAD	328	
AWAEND	398		AWAREADS	4E	

Name	Hex Offset	Hex Value
AWARSAV1	228	
AWARSAV2	22C	
AWARSVD3	370	
AWARSVD4	374	
AWARSVD5	378	
AWARSVD6	37C	
AWARSVD7	380	
AWARSVS1	23D	
AWARSVS2	240	
AWARSVS3	384	
AWARSVS4	388	
AWARSVS5	38C	
AWARSVS6	390	
AWARSVS7	394	
AWARSVU1	244	
AWASADR	64	
AWASAS	1B0	
AWASAVRG	1F0	
AWASDMP	98	
AWASEL	140	
AWASETNM	368	
AWASETUN	364	
AWASIZE	398	
AWASMSUT	1F8	1F8
AWASNTKN	35C	
AWASSOB	48	
AWASTEP	6A	
AWASTEPN	8E	
AWASUTKN	358	
AWASVARA	0	
AWASVREG	0	C
AWASWAP	70	
AWATRACE	69	D7
AWATRK1	58	
AWATRK2	5E	
AWATYPE	8F	
AWAUCBAD	20C	
AWAULIST	1F8	200
AWAVFY	24C	
AWAVMVR	2E0	
AWAVRKEY	23C	
AWA49CPL	1F8	
AWCADDNM	98	
AWCADSN	A2	
AWCAEND	CE	
AWCARPN	A0	
AWCASIZE	CE	
AWCUBUFN	9A	
AWCUCEND	9C	
AWCUCSIZ	9C	
AWCUCU	98	4
AWCUDDNM	9C	
AWCUDEND	A6	
AWCUDSIZ	A6	
AWCUDU	98	8
AWCUFDY	98	18
AWCUFUNC	98	
AWCURPN	A4	
AWCUSTEP	99	
AWCUTPU	98	10
AWCUVEND	AC	
AWCUVOL	A6	
AWCUVR	98	2
AWCUVSIZ	AC	
AWDDCNT	98	
AWDDEEND	AE	
AWDDESIZ	AE	
AWDDFSIZ	AE	
AWDDNDDN	A4	
AWDDNRPN	AC	
AWDDNTRY	9A	
AWDDODDN	9A	
AWDDORPN	A2	
AWNOTFND	69	80
AWNQDSN	98	
AWNQEND	C6	
AWNQFLG1	C4	
AWNQFLG2	C5	
AWNQSIZE	C6	
AWNQSTEX	C4	80
AWRSMSG2	69	20
AWSENT	69	7
AWSENTCA	69	1
AWSENTCU	69	3
AWSENTDA	69	2
AWSENTDU	69	4
AWSENTVR	69	5
AWUPDTCU	69	40
EPA@0003	70	
FCD@0003	74	
TRACDADD	D5	
TRACDAMS	E5	
TRACDATY	CC	
TRACDAVS	DE	
TRACDDNF	CC	
TRACEND	CB	
TRACERCD	8C	
TRACFUNC	94	
TRACJHR	98	
TRACJLP	A5	
TRACJNM	9C	
TRACJOB	A6	
TRACJRP	AE	
TRACMCUP	C8	
TRACMODN	8C	
TRACMSG	C0	
TRACMSG2	CC	
TRACMSNT	C5	
TRACNO2	CB	
TRACRC	BC	
TRACRCC	B9	
TRACSTEP	B0	
TRACXLEN	CC	18

IATYAWR Heading Information

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

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

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

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

IATYAWR Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0		
		....		AWRNORSN	"X'0000'" 0003

Comment

,WAIT FOR WORK OR STANDARD FCT AWAIT

End of Comment

		1		AWRWT4WK	"X'0001'" 0003

Comment

,WAITING FOR A GENERALIZED SUBTASK TO BECOME AVAILABLE OR TO FINISH PRX

End of Comment

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Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... ..1.		AWRGNSUB	"X'0002'" 0003 0003

Comment

,WAITING FOR SHARED USE OF AN AENQ RESOURCE

End of Comment

		11		AWRAENQS	"X'0003'" 0003 0003

Comment

,WAITING FOR EXCLUSIVE USE OF AN AENQ RESOURCE

End of Comment

		.... .1..		AWRAENQE	"X'0004'" 0003 0003

Comment

,WAITING FOR JSS TO BE ACTIVE (JSSACTIV TO BE SET)

End of Comment

		.... .1.1		AWRJSACT	"X'0005'" 0003

Comment

,WAITING FOR JSS TO BE STARTED (S,JSS COMMAND, I.E. JSSSTART TO BE SEX

End of Comment

		.... .11.		AWRJSSTR	"X'0006'" 0003 0003

Comment

,WAITING FOR STORAGE TO BECOME AVAILABLE FOR AN AGETMAIN REQUEST

End of Comment

		.... .111		AWRSTORG	"X'0007'" 0003

Comment

,WAITING FOR STORAGE TO BECOME AVAILABLE FOR A CELLPOOL REQUEST

End of Comment

		.... 1...		AWRSTCPL	"X'0008'" 0003 0003

Comment

,WAITING FOR A C/I SUBTASK TO COMPLETE CONVERTER/INTERPRETER PROCESSINX

End of Comment

		.... 1..1		AWRCNVIN	"X'0009'" 0003 0003

Comment

,WAITING FOR A CATALOG LOCATE REQUEST TO COMPLETE

End of Comment

		.... 1.1.		AWRLOCAT	"X'000A'" 0003

Comment

,C/I WAITING BECAUSE THE JCL LIMIT HAS BEEN EXCEEDED

End of Comment

		.... 1.11		AWRJCLLM	"X'000B'" 0003 0003

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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,WAITING FOR AN EXCP (E.G. JESEXCP) TO COMPLETE					
				End of Comment	
		...1 .1.1		AWREXCPC	"X'0015'" 0003 0003
				Comment	
,WAITING FOR MDS RESTART TO COMPLETE					
				End of Comment	
		...1 .11.		AWRMDSRS	"X'0016'" 0003 0003
				Comment	
,WAITING FOR DEVICE FENCE CONTROL BLOCK (DFCB) TO BECOME AVAILABLE (DFX					
				End of Comment	
		...1 .111		AWRDFCBA	"X'0017'" 0003 0003
				Comment	
,WAITING FOR AN OSE TO BE RELEASED (RQOSESUP)					
				End of Comment	
		...1 1...		AWROSEUP	"X'0018'" 0003
				Comment	
,DUMMY AWAIT THAT IS USED TO ALLOW OTHER FCTS TO GET CONTROL					
				End of Comment	
		...1 1..1		AWRDUMMY	"X'0019'" 0003 0003
				Comment	
,WAITING FOR A PAGE FIX TO COMPLETE					
				End of Comment	
		...1 1.1.		AWRPGFIX	"X'001A'" 0003 0003
				Comment	
,WAITING FOR A CELL WITHIN A CELLPOOL TO BECOME AVAILABLE					
				End of Comment	
		...1 1.11		AWRCPOOL	"X'001B'" 0003 0003
				Comment	
,WAITING FOR FILE DIRECTORY ENTRIES TO BECOME AVAILABLE					
				End of Comment	
		...1 11..		AWRFILDR	"X'001C'" 0003 0003
				Comment	
,WAITING FOR JSAM BUFFERS TO BECOME AVAILABLE					
				End of Comment	
		...1 11.1		AWRJSAMB	"X'001D'" 0003 0003

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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,WAITING FOR A SUBTASK QUEUE DESCRIPTOR (SQD) TO BECOME AVAILABLE					
				End of Comment	
		..1.	.111	AWRSQDAV	"X'0027'" 0003 0003
				Comment	
,WAITING FOR SINGLE RECORD FILE (SRF) INPUT I/O TO COMPLETE					
				End of Comment	
		..1.	1...	AWRSRFIN	"X'0028'" 0003 0003
				Comment	
,WAITING FOR SINGLE RECORD FILE (SRF) OUTPUT I/O TO COMPLETE					
				End of Comment	
		..1.	1..1	AWRSRFOT	"X'0029'" 0003 0003
				Comment	
,WAITING FOR MULTI-RECORD FILE (MRF) INPUT I/O TO COMPLETE					
				End of Comment	
		..1.	1.1.	AWRMRFIN	"X'002A'" 0003 0003
				Comment	
,WAITING FOR MULTI-RECORD FILE (MRF) OUTPUT I/O TO COMPLETE					
				End of Comment	
		..1.	1.11	AWRMRFOT	"X'002B'" 0003 0003
				Comment	
,WAITING DUE TO A CONSOLE QUEUED-TO-DEPTH (IATCNWO)					
				End of Comment	
		..1.	11..	AWRCNQTD	"X'002C'" 0003 0003
				Comment	
,WAITING FOR A RESQUEUE FOR THE INTRDR JOB TO BE CREATED (IATDMJA)					
				End of Comment	
		..1.	11.1	AWRINTRQ	"X'002D'" 0003
				Comment	
,WAITING FOR AN ADDRESS SPACE TO COMPLETE INITIALIZATION					
				End of Comment	
		..1.	111.	AWRASPIN	"X'002E'" 0003
				Comment	
,WAITING FOR AN ADDRESS SPACE TO TERMINATE					
				End of Comment	
		..1.	1111	AWRASPTM	"X'002F'" 0003

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,WAITING FOR THE JNCB USE COUNT TO BE ZERO					
				End of Comment	
		..11		AWRJNCBU	"X'0030'" 0003
				Comment	
,WAITING FOR THE NCK LOCK TO BECOME AVAILABLE					
				End of Comment	
		..11 ...1		AWRNCKLK	"X'0031'" 0003
				Comment	
,WAITING FOR A JQE PRIORITY TO BECOME AVAILABLE					
				End of Comment	
		..11 ..1.		AWRJQEPR	"X'0032'" 0003
				Comment	
,WAITING FOR READ/WRITE ACCESS TO THE JCT (JQERWENQ)					
				End of Comment	
		..11 ..11		AWRJCTRW	"X'0033'" 0003
				Comment	
,WAITING FOR THE MAXIMUM NUMBER OF JCT READ-ONLYUSERS TO BE DECREASED X					
				End of Comment	
		..11 .1..		AWRJCMRO	"X'0034'" 0003
				Comment	
,WAITING FOR THE NUMBER OF JCT READ-ONLY USERS TO BECOME ZERO (JQEUCT)					
				End of Comment	
		..11 .1.1		AWRJCRON	"X'0035'" 0003
				Comment	
,WAITING FOR JCT READ I/O TO COMPLETE (FDBCLOSE)					
				End of Comment	
		..11 .11.		AWRJCRIO	"X'0036'" 0003
				Comment	
,WAITING FOR A PREVIOUS MAIN PROCESSOR CONNECT TO COMPLETE					
				End of Comment	
		..11 .111		AWRPVCON	"X'0037'" 0003
				Comment	
,WAITING FOR ANOTHER FCT TO RELEASE CONTROL OF A JDS ENTRY (JDSDSPH)					
				End of Comment	
		..11 1...		AWRJDSEN	"X'0038'" 0003

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,WAITING FOR PTAT MANIPULATION TO COMPLETE (TVTSPCHG)					
				End of Comment	
		..11 1..1		AWRPTATM	"X'0039'" 0003
				Comment	
,WAITING FOR THE JOBTAT FDB TO BE CLOSED (FDBCLOSE)					
				End of Comment	
		..11 1.1.		AWRJBTCL	"X'003A'" 0003
				Comment	
,WAITING FOR A JOBTAT READ TO COMPLETE (FDBCLOSE)					
				End of Comment	
		..11 1.11		AWRJBTRD	"X'003B'" 0003
				Comment	
,WAITING FOR A JOBTAT WRITE TO COMPLETE (FDBCLOSE)					
				End of Comment	
		..11 11..		AWRJBTWT	"X'003C'" 0003
				Comment	
,WAITING FOR THE IATXCKPT ACCESS METHOD TO BECOME AVAILABLE FOR A READX					
				End of Comment	
		..11 11.1		AWRCAMRD	"X'003D'" 0003
				Comment	
,WAITING FOR THE IATXCKPT ACCESS METHOD TO BECOME AVAILABLE FOR A WRITX					
				End of Comment	
		..11 111.		AWRCAMWT	"X'003E'" 0003
				Comment	
,WAITING FOR THE IATXCKPT ACCESS METHOD TO BECOME AVAILABLE FOR A PURGX					
				End of Comment	
		..11 1111		AWRCAMPR	"X'003F'" 0003
				Comment	
,WAITING FOR I/O ERROR RECOVERY TO COMPLETE					
				End of Comment	
		.1..		AWRIOERR	"X'0040'" 0003
				Comment	
,WAITING FOR A MINIMAL TRACK CONDITION TO CLEAR UP (TATMINQ)					
				End of Comment	
		.1.. ...1		AWRMINTK	"X'0041'" 0003

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,WAITING FOR I/O TO COMPLETE BEFORE PROCESSING AN IATXRELC REQUEST (FDX					
				End of Comment	
		.1.. ..1.		AWRIORLC	"X'0042'" 0003
				Comment	
,WAITING FOR A RESTART OR A CONNECT COMPLETE POST FROM IATMSR2					
				End of Comment	
		.1.. ..11		AWRRCPST	"X'0043'" 0003
				Comment	
,WAITING FOR A GMS UPDATE TO COMPLETE (TVTGMSP)					
				End of Comment	
		.1.. .1..		AWRGMSUP	"X'0044'" 0003
				Comment	
,WAITING FOR A JOB'S JST FDB TO CONTAIN A SPOOL ADDRESS (FDBONSP)					
				End of Comment	
		.1.. .1.1		AWRJSTOS	"X'0045'" 0003
				Comment	
,WAITING FOR FILE TO BE CLOSED FOR A JESREAD REQUEST (FDBCLOSE)					
				End of Comment	
		.1.. .11.		AWRJSRAV	"X'0046'" 0003
				Comment	
,WAITING FOR THE FDB TO CONTAIN A SPOOL ADDRESS FOR A JESREAD REQUEST X					
				End of Comment	
		.1.. .111		AWRJSRSA	"X'0047'" 0003
				Comment	
,WAITING FOR JESREAD I/O COMPLETION					
				End of Comment	
		.1.. 1...		AWRJSRIO	"X'0048'" 0003
				Comment	
,WAITING FOR AWRITE I/O COMPLETION					
				End of Comment	
		.1.. 1..1		AWRAWTIO	"X'0049'" 0003
				Comment	
,WAITING FOR WRTCHAIN I/O COMPLETION					
				End of Comment	
		.1.. 1.1.		AWRWCHIO	"X'004A'" 0003

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,WAITING FOR IATIQPG TO FINISH SCANNING TATS OWNED BY THIS FCT					
				End of Comment	
		.1..	1.11	AWRPGPEN	"X'004B'" 0003
				Comment	
,WAITING FOR INITIALIZATION ON JES3 GLOBAL TO COMPLETE (TVTGLOBL)					
				End of Comment	
		.1..	11..	AWRINITG	"X'004C'" 0003
				Comment	
,WAITING FOR OUTPUT SERVICE RESTART TO COMPLETE (OSDRDONE)					
				End of Comment	
		.1..	11.1	AWROSRSC	"X'004D'" 0003
				Comment	
,WAITING FOR A JOB'S JDAB FDB TO CONTAIN A SPOOL ADDRESS (FDBONSP)					
				End of Comment	
		.1..	111.	AWRJDAOS	"X'004E'" 0003
				Comment	
,WAITING FOR A STATUS POST					
				End of Comment	
		.1..	1111	AWRSTATP	"X'004F'" 0003
				Comment	
,WAITING FOR CLEANUP TO COMPLETE					
				End of Comment	
		.1.1	....	AWRCLUP	"X'0050'" 0003
				Comment	
,WAITING FOR SDE CHAIN LOCK FLAG					
				End of Comment	
		.1.1	...1	AWRSDECL	"X'0051'" 0003
				Comment	
,WAITING FOR SDE PENDING SA LOCK FLAG					
				End of Comment	
		.1.1	..1.	AWRSDEPL	"X'0052'" 0003
				Comment	
,WAITING FOR SDE (IDLE DSP) POST					
				End of Comment	
		.1.1	..11	AWRSDEP	"X'0053'" 0003

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,WAITING FOR SWE CHAIN LOCK FLAG					
				End of Comment	
		.1.1 .1..		AWRSWECL	"X'0054'" 0003
				Comment	
,WAITING FOR DSP AVAILABILITY					
				End of Comment	
		.1.1 .1.1		AWRDSPCG	"X'0055'" 0003
				Comment	
,WAITING FOR OUTPUT SERVICE TO RELEASE AN RQ (RQOSBUSY)					
				End of Comment	
		.1.1 .11.		AWROSBSY	"X'0056'" 0003
				Comment	
,WAITING FOR JOB VALIDATION READ I/O TO COMPLETE					
				End of Comment	
		.1.1 .111		AWRJVRIO	"X'0057'" 0003
				Comment	
,WAITING FOR JOB VALIDATION WRITE I/O TO COMPLETE					
				End of Comment	
		.1.1 1...		AWRJVWIO	"X'0058'" 0003
				Comment	
,IATINJQ WAITING FOR A JCT FULL TRACK READ TO COMPLETE (DMCCOMPL)					
				End of Comment	
		.1.1 1..1		AWRJQJCT	"X'0059'" 0003
				Comment	
,IATINJR WAITING FOR JVW TO BE ADDED TO THE TERMINATION QUEUE					
				End of Comment	
		.1.1 1.1.		AWRJVTRM	"X'005A'" 0003
				Comment	
,IATINJR WAITING FOR A JCT FULL TRACK READ TO COMPLETE (DMCCOMPL)					
				End of Comment	
		.1.1 1.11		AWRJRJCT	"X'005B'" 0003
				Comment	
,MDS WAITING FOR AN OPERATOR COMMAND OR MDS RESTART POST					
				End of Comment	
		.1.1 11..		AWRMDOPR	"X'005C'" 0003

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,WAITING FOR THE WRTCHAIN FDB LOCK TO BECOME AVAILABLE (FDBWCHLK)					
				End of Comment	
		.1.1	11.1	AWRWCHLK	"X'005D'" 0003
				Comment	
,WAITING FOR THE SETDSN LOCK TO BECOME AVAILABLE					
				End of Comment	
		.1.1	111.	AWRSDSLK	"X'005E'" 0003
				Comment	
,WAITING FOR THE SETVOL LOCK TO BECOME AVAILABLE					
				End of Comment	
		.1.1	1111	AWRSVLLK	"X'005F'" 0003
				Comment	
,MDS IS WAITING FOR DYNAL TO FINISH USING THE JST (RQJSTDYN)					
				End of Comment	
		.11.	....	AWRJSDYN	"X'0060'" 0003
				Comment	
,MDS WAITING FOR THE DJST TO BECOME AVAILABLE					
				End of Comment	
		.11.	...1	AWRMDDJS	"X'0061'" 0003
				Comment	
,WAITING FOR A FILE TO BE CLOSED FOR A WRTCHAIN REQUEST (FDBCLOSE)					
				End of Comment	
		.11.	..1.	AWRWCHAV	"X'0062'" 0003
				Comment	
,WAITING FOR SAPI DATASPACE COW SERVICES TO INITIALIZE					
				End of Comment	
		.11.	..11	AWRSCWIC	"X'0063'" 0003
				Comment	
,WAITING FOR RJP I/O TO COMPLETE					
				End of Comment	
		.11.	.1..	AWRRJPIO	"X'0064'" 0003
				Comment	
,WAITING FOR CATALOG SETUP TO COMPLETE					
				End of Comment	
		.11.	.1.1	AWRCATSU	"X'0065'" 0003

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,WAITING FOR CATALOG BREAKDOWN TO COMPLETE					
				End of Comment	
		.11. .11.		AWRCATBK	"X'0066'" 0003
				Comment	
,WAITING FOR FILE TO BE CLOSED FOR AN AWRITE REQUEST (FDBCLOSE)					
				End of Comment	
		.11. .111		AWRAWTAV	"X'0067'" 0003
				Comment	
,WAITING FOR FILE TO BE CLOSED FOR AN ARELEASE REQUEST (FDBCLOSE)					
				End of Comment	
		.11. 1...		AWRARLAV	"X'0068'" 0003
				Comment	
,WAITING FOR PSO TO FINISH PROCESSING A REQUEST BEFORE IT CAN BE PURGEX					
				End of Comment	
		.11. 1..1		AWRPSOPR	"X'0069'" 0003
				Comment	
,WAITING FOR SWA SPOOLING TO COMPLETE					
				End of Comment	
		.11. 1.1.		AWRSWASP	"X'006A'" 0003
				Comment	
,WAITING FOR SWA PROCESSING TO COMPLETE					
				End of Comment	
		.11. 1.11		AWRSWAPR	"X'006B'" 0003
				Comment	
,WAITING FOR SWA SUBPOOL FREE PROCESSING TO COMPLETE					
				End of Comment	
		.11. 11..		AWRSWAFR	"X'006C'" 0003
				Comment	
,WAITING FOR SJF TERMINATION PROCESSING TO COMPLETE					
				End of Comment	
		.11. 11.1		AWRSJFTM	"X'006D'" 0003
				Comment	
,WAITING TO BE DISPATCHED TO EXECUTE UNDER THE AUX TASK					
				End of Comment	
		.11. 111.		AWRAUXTD	"X'006E'" 0003

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,WAITING TO BE DISPATCHED TO EXECUTE UNDER THE NUC TASK					
				End of Comment	
		.11. 1111		AWRNUCTD	"X'006F'" 0003
				Comment	
,WAITING FOR ATDE TO BE CHAINED TO AUXTASK DISPATCHING QUEUE					
				End of Comment	
		.111		AWRATDEA	"X'0070'" 0003
				Comment	
,WAITING FOR A JES3 LOCK TO BECOME AVAILABLE					
				End of Comment	
		.111 ...1		AWRJ3LOK	"X'0071'" 0003
				Comment	
,WAITING FOR AN IATXSIO MULTI-READ REQUEST TO COMPLETE					
				End of Comment	
		.111 ..1.		AWRMREAD	"X'0072'" 0003
				Comment	
,WAITING FOR ALL INPUT SERVICE FCT'S TO FINISH WITH THIS DJC NET (JNISX					
				End of Comment	
		.111 ..11		AWRDJISA	"X'0073'" 0003
				Comment	
,WAITING FOR ANOTHER FCT TO FINISH USING THE JNCB FOR A JNCBHLD REQUESX					
				End of Comment	
		.111 .1..		AWRJNCHL	"X'0074'" 0003
				Comment	
,WAITING FOR AN OPERATOR TO ISSUE A COMMAND					
				End of Comment	
		.111 .1.1		AWROPERC	"X'0075'" 0003
				Comment	
,WAITING FOR THE WSP TO BE FREED					
				End of Comment	
		.111 .11.		AWRWSPFR	"X'0076'" 0003
				Comment	
,WAITING FOR A VARY COMMAND TO COMPLETE					
				End of Comment	
		.111 .111		AWRVARYC	"X'0077'" 0003

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,WAITING FOR A MAIN PROCESSOR TO CONNECT OR FLUSH					
				End of Comment	
		.111 1...		AWRMPCON	"X'0078'" 0003
				Comment	
,WAITING FOR OUTPUT STATEMENT PROCESSING TO COMPLETE					
				End of Comment	
		.111 1..1		AWROUTSP	"X'0079'" 0003
				Comment	
,WAITING FOR THE FSS INHIBIT INDICATOR TO BE RESET					
				End of Comment	
		.111 1.1.		AWRFSSIN	"X'007A'" 0003
				Comment	
,WAITING FOR JDS I/O TO COMPLETE					
				End of Comment	
		.111 1.11		AWRJDSIO	"X'007B'" 0003 0003
				Comment	
,WAITING FOR THE NEXT MFM CYCLE					
				End of Comment	
		.111 11..		AWRSUSPW	"X'007C'" 0003
				Comment	
,WAITING FOR FSS STARTUP TO COMPLETE					
				End of Comment	
		.111 11.1		AWRFSSSU	"X'007D'" 0003
				Comment	
,WAITING FOR AN ADDRESS SPACE TO COMPLETE A REQUEST					
				End of Comment	
		.111 111.		AWRASPRQ	"X'007E'" 0003
				Comment	
,WAITING FOR A MULTI-RECORD FILE TO BE CLOSED					
				End of Comment	
		.111 1111		AWRMRFCL	"X'007F'" 0003
				Comment	
,WAITING FOR RJP SPOOL FILE PURGE TO COMPLETE					
				End of Comment	
		1...		AWRRJPUR	"X'0080'" 0003

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,WAITING FOR RJPCONS TO FINISH USING RJP SPOOL FILE					
				End of Comment	
		1... ...1		AWRRJCNS	"X'0081'" 0003
				Comment	
,WAITING FOR THE IATXCKPT ACCESS METHOD TO BECOME AVAILABLE FOR A RESEX					
				End of Comment	
		1... ..1.		AWRCAMRS	"X'0082'" 0003
				Comment	
,WAITING FOR A STARTIO REQUEST TO COMPLETE					
				End of Comment	
		1... ..11		AWRSTRTI	"X'0083'" 0003
				Comment	
,WAITING FOR A GENERAL NJE SENDER TO RESCHEDULE					
				End of Comment	
		1... .1..		AWRNJGNR	"X'0084'" 0003
				Comment	
,WAITING FOR A JOB NJE SENDER TO RESCHEDULE					
				End of Comment	
		1... .1.1		AWRNJJBR	"X'0085'" 0003
				Comment	
,WAITING FOR A SYSOUT NJE SENDER TO RESCHEDULE					
				End of Comment	
		1... .11.		AWRNJSYR	"X'0086'" 0003
				Comment	
,WAITING FOR SECURITY SUBTASK REQUEST TO COMPLETE					
				End of Comment	
		1... .111		AWRSSCMP	"X'0087'" 0003
				Comment	
,WAITING FOR SECURITY SUBTASK PURGE REQUEST TO COMPLETE					
				End of Comment	
		1... 1...		AWRSSPUR	"X'0088'" 0003
				Comment	
,WAITING FOR AN OSS TO BE FREED					
				End of Comment	
		1... 1..1		AWROSSFR	"X'0089'" 0003

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,WAITING FOR A DEVICE TO BECOME READY					
				End of Comment	
		1... 1.1.		AWRDVRDY	"X'008A'" 0003
				Comment	
,WAITING FOR C/I FSS'S TO DISABLE PROCLIBS					
				End of Comment	
		1... 1.11		AWRPRDFS	"X'008B'" 0003
				Comment	
,WAITING FOR C/I FSS'S TO ENABLE PROCLIBS					
				End of Comment	
		1... 11..		AWRPREFS	"X'008C'" 0003
				Comment	
,WAITING FOR A PROCLIB TO NO LONGER BE IN USE					
				End of Comment	
		1... 11.1		AWRPROCN	"X'008D'" 0003
				Comment	
,WAITING FOR A C/I SUBTASK TO CLOSE A PROCLIB					
				End of Comment	
		1... 111.		AWRPRCCL	"X'008E'" 0003
				Comment	
,WAITING FOR WLM RECLASSIFICATION PROCESSING TO COMPLETE					
				End of Comment	
		1... 1111		AWRWLRCL	"X'008F'" 0003
				Comment	
,WAITING FOR THE WLM SAMPLING LOCK TO BECOME AVAILABLE					
				End of Comment	
		1..1		AWRSMPLK	"X'0090'" 0003
				Comment	
,WAITING AS A RESULT OF A DUMP CORE TRAP					
				End of Comment	
		1..1 ...1		AWRDTRAP	"X'0091'" 0003
				Comment	
,WAITING FOR OUTSERV CHECKPOINT TO BECOME AVAILABLE					
				End of Comment	
		1..1 ..1.		AWROSCKP	"X'0092'" 0003

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
,WAITING FOR OUTSERV JDAB TO BECOME AVAILABLE					
				End of Comment	
		1..1 ..11		AWROSJDA	"X'0093'" 0003
				Comment	
,WAITING FOR OUTSERV RESTART OR NEW WORK					
				End of Comment	
		1..1 .1..		AWROS4WK	"X'0094'" 0003
				Comment	
,DSI WAITING FOR GLOBAL TO BE DISABLED					
				End of Comment	
		1..1 .1.1		AWRGDISB	"X'0095'" 0003 0025
				Comment	
,MAXIMUM JES3 AWAIT REASON CODE					
				End of Comment	
0	(0)	BITSTRING	0	AWRJ3MAX	"X'EFFF'" 0003 0003
				Comment	
			0		
			0		
REASON CODES X'F000' THROUGH X'FFFF' ARE RESERVED 0					
FOR THE USER. 0					
			0		
			0		
,MINIMUM USER AWAIT REASON CODE					
				End of Comment	
0	(0)	BITSTRING	0	AWRUSMIN	"X'F000'" 0003 0003
				Comment	
,MAXIMUM USER AWAIT REASON CODE					
				End of Comment	
0	(0)	BITSTRING	0	AWRUSMAX	"X'FFFF'" 0003

IATYAWR Cross Reference

Name	Hex Offset	Hex Value
AWRAENQE	0	4
AWRAENQS	0	3
AWRALODR	0	1F
AWRARLAV	0	68
AWRASPIN	0	2E
AWRASPRQ	0	7E
AWRASPTM	0	2F
AWRATDEA	0	70
AWRATIME	0	D
AWRAUXTD	0	6E
AWRAWTAV	0	67
AWRAWTIO	0	49
AWRCAMPR	0	3F
AWRCAMRD	0	3D
AWRCAMRS	0	82
AWRCAMWT	0	3E
AWRCATBK	0	66
AWRCATSU	0	65
AWRCLUP	0	50
AWRCNGMS	0	25
AWRCNLOC	0	23
AWRCNQTD	0	2C
AWRCNVER	0	26
AWRCNVIN	0	9
AWRCNWTD	0	24
AWRCPOOL	0	1B
AWRDFCBA	0	17
AWRDJISA	0	73
AWRDSPCG	0	55
AWRDTRAP	0	91
AWRDUMMY	0	19
AWRDVRDY	0	8A
AWREXCPC	0	15
AWRFILDR	0	1C
AWRFSSIN	0	7A
AWRFSSSU	0	7D
AWRGDISB	0	95
AWRGMSUP	0	44
AWRGNSUB	0	2
AWRINITG	0	4C
AWRINTRQ	0	2D
AWRIOERR	0	40
AWRIORLC	0	42
AWRJBTCL	0	3A
AWRJBTRD	0	3B
AWRJBTWT	0	3C
AWRJCLLM	0	B
AWRJCMRO	0	34
AWRJCRIO	0	36
AWRJCRON	0	35
AWRJCTRW	0	33
AWRJDAOS	0	4E
AWRJDELK	0	20
AWRJDSAV	0	12
AWRJDSEN	0	38
AWRJDSIO	0	7B
AWRJNCBU	0	30
AWRJNCHL	0	74
AWRJOBNM	0	11
AWRJQEAV	0	10
AWRJQEPR	0	32
AWRJQJCT	0	59
AWRJRJCT	0	5B
AWRJSACT	0	5
AWRJSAMB	0	1D
AWRJSDYN	0	60
AWRJSRAV	0	46
AWRJSRBA	0	E
AWRJSRBC	0	F
AWRJSRIO	0	48
AWRJSRSA	0	47
AWRJSSTR	0	6
AWRJSTOS	0	45
AWRJVRIO	0	57
AWRJVTRM	0	5A
AWRJVWIO	0	58
AWRJ3LOK	0	71
AWRJ3MAX	0	EFFF
AWRLOCAT	0	A
AWRMATCH	0	22
AWRMDDJS	0	61
AWRMDOPR	0	5C
AWRMDSRS	0	16
AWRMINTK	0	41
AWRMPCON	0	78
AWRMREAD	0	72
AWRMRFCL	0	7F
AWRMRFIN	0	2A
AWRMRFOT	0	2B
AWRNCKLK	0	31
AWRNJGNR	0	84
AWRNJJBR	0	85
AWRNJSYR	0	86
AWRNORSN	0	0
AWRNUCTD	0	6F
AWROPERC	0	75
AWROSBSY	0	56
AWROSCKP	0	92
AWROSEUP	0	18
AWROSJDA	0	93
AWROSRSC	0	4D
AWROSSFR	0	89
AWROS4WK	0	94
AWROUTSP	0	79
AWRPERMN	0	14
AWRPGFIX	0	1A
AWRPGPEN	0	4B
AWRPRCCL	0	8E
AWRPRDFS	0	8B
AWRPREFS	0	8C
AWRPROCN	0	8D
AWRPSOPR	0	69
AWRPTATM	0	39
AWRPVCON	0	37
AWRRCPST	0	43
AWRRJCNS	0	81
AWRRJPIO	0	64
AWRRJPUR	0	80
AWRSATCH	0	21
AWRSCWIC	0	63
AWRSDECL	0	51
AWRSDEP	0	53
AWRSDEPL	0	52
AWRSDSLK	0	5E
AWRSDTCH	0	13
AWRSJFTM	0	6D

IATYAWR Cross Reference

Name	Hex Offset	Hex Value
AWRSMPLK	0	90
AWRSPECR	0	C
AWRSPLSP	0	1E
AWRSQDAV	0	27
AWRSRFIN	0	28
AWRSRFOT	0	29
AWRSSCMP	0	87
AWRSSPUR	0	88
AWRSTATP	0	4F
AWRSTCPL	0	8
AWRSTORG	0	7
AWRSTRTI	0	83
AWRSUSPW	0	7C
AWRSVLLK	0	5F
AWRSWAFR	0	6C
AWRSWAPR	0	6B
AWRSWASP	0	6A
AWRSWECL	0	54
AWRUSMAX	0	FFFF
AWRUSMIN	0	F000
AWRVARYC	0	77
AWRWCHAV	0	62
AWRWCHIO	0	4A
AWRWCHLK	0	5D
AWRWLRCL	0	8F
AWRWSPFR	0	76
AWRWT4WK	0	1

IATYBAL Heading Information

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

IATYBAL Map

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

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		---------- # THE FOLLOWING FLAG IS SET IN IATABIP THE FIRST TIME # IT IS INVOKED. ANY FURTHER INVOCATIONS ARE IGNORED, # THAT IS, IT IMMEDIATELY EXITS. THIS FLAG IS NECESSARY # BECAUSE IATABIP, AS AN IOS DRIVER, IS CALLED SEVERAL # TIMES EVENTUALLY WITHOUT CROSS MEMORY AUTHORITY. ONLY # ONE CALL IS REALLY NECESSARY, SO SETTING THE FLAG PRE- # VENTS POTENTIAL XMEM AUTHORITY ERRORS. # ---------- #			
				End of Comment	
74	(4A)	BITSTRING	1	BALFLAG	#499
		1...		BALPURGE	"X'80'" INVOKE ABIP ONLY ONCE #499
75	(4B)	BITSTRING	1	BALRSVH	RESERVED FOR DEVELOPMENT #499
76	(4C)	SIGNED	4	BALRSVF	RESERVED FOR DEVELOPMENT
80	(50)	SIGNED	4	BALRSVS	- RESERVED FOR SERVICE
84	(54)	SIGNED	4	BALRSVU	- RESERVED FOR USER
88	(58)	SIGNED	4	BALFEND (0)	- END OF FIXED PART OF BLOCK
88	(58)	X'58'	0	BALFSIZE	"BALFEND-BALSTART" - SIZE OF FIXED PART OF BLOCK
				Comment	
		---------- START OF VARIABLE PART OF BLOCK, 1 BYTE PER 4K OF BUFF ----------			
				End of Comment	
88	(58)	CHARACTER	1	BALBALBY	- 1 BUFF ALLOCATOR BYTE PER 4K
				Comment	
		---------- DEFINITION OF EACH BUFFER ALLOCATOR BYTE ----------			
				End of Comment	
		1...		BALRSVB0	"X'80'" - RESERVED
		.1..		BALRSVB1	"X'40'" - RESERVED
		..1.		BALRSVB2	"X'20'" - RESERVED
		...1		BALRSVB3	"X'10'" - RESERVED
		.... 1...		BALRSVB4	"X'08'" - RESERVED
		.... .1..		BALB1ALC	"X'04'" - 1ST BUFFER ALLOCATED
		.... ..1.		BALB2ALC	"X'02'" - 2ND BUFFER ALLOCATED
		1		BALB3ALC	"X'01'" - 3RD BUFFER ALLOCATED
88	(58)	X'3'	0	BALBABIT	"3" - MAX NUM OF BUFFS PER 4K BLK

IATYBAL Cross Reference

Name	Hex Offset	Hex Value
BALASID	48	
BALBABIT	58	3
BALBALBY	58	
BALBUFCT	28	
BALBUFSE	2C	
BALB1ALC	58	4
BALB2ALC	58	2
BALB3ALC	58	1
BALCHAIN	4	
BALDATBA	18	
BALDATEA	1C	
BALDMCBA	10	
BALDMCEA	14	
BALFEND	58	
BALFLAG	4A	
BALFSIZE	58	58
BALID	0	
BALNEXT	8	
BALPREV	C	
BALPURGE	4A	80
BALRSVB0	58	80
BALRSVB1	58	40
BALRSVB2	58	20
BALRSVB3	58	10
BALRSVB4	58	8
BALRSVF	4C	
BALRSVH	4B	
BALRSVS	50	
BALRSVU	54	
BALSTART	0	
BALTRT	30	
BALTVT	44	
BALXDTBA	20	
BALXDTEA	24	
BAL4KBLK	40	

IATYBFPX Heading Information

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

IATYBFPX Map

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

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IATYBLK Programming Interface information

Programming Interface information

IATYBLK

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

- BLKACQA
- BLKSAVE

End of Programming Interface information

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IATYBLK Heading Information

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

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

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

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

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

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

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

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

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

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

IATYBLK Map

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

				FUNCTION BIT SETTINGS	

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

				DEFINITION OF BLKFLG1	

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

IATYBLK Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
152	(98)	X'98'	0	BLKLNTH	"BLKEND-BLKSTART" LENGTH OF THE BLK

IATYBLK Cross Reference

Name	Hex Offset	Hex Value
BLKACC	6	20
BLKACQA	8	
BLKASID	4	
BLKBFAD	C	
BLKCHFDB	2A	
BLKCKEY	48	0
BLKCOUNT	44	
BLKEND	98	
BLKEREOF	7	8
BLKFEOF	7	40
BLKFEOM	7	20
BLKFIRST	1E	
BLKFLG1	7	
BLKFUNC	6	
BLKID	0	C2D3D240
BLKLNTH	98	98
BLKMULT	7	80
BLKNEXT	24	
BLKPREV	38	
BLKREAD	6	80
BLKRECLN	10	
BLKRECOV	14	
BLKREL	6	10
BLKRSRS	49	
BLKRSRU	4C	
BLKRSVD	46	
BLKSAVE	50	
BLKSPAD	18	
BLKSPMOD	18	18
BLKSPREC	18	1A
BLKSRFID	40	
BLKSRFIO	7	4
BLKSTART	0	
BLKVALID	3C	
BLKWRT	6	40

IATYBSID Programming Interface information

Programming Interface information

IATYBSID

End of Programming Interface information

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IATYBSID Heading Information

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

IATYBSID Map

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

Comment

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

End of Comment

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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		CODES 1-50 ARE SHARED BY BDT AND JES3 CODES 51-119 ARE RESERVED FOR USE BY BDT CODES 120-127 ARE RESERVED FOR USE BY JES3			
				End of Comment	
12	(C)	X'F'	0	BSIDNOTE	"15" NJE TRANSACTION NOTIFICATION
12	(C)	X'13'	0	BSIDCONT	"19" BDT CONNECT REQUEST
12	(C)	X'14'	0	BSIDSPND	"20" BDT SUSPEND REQUEST
12	(C)	X'16'	0	BSIDRSUM	"22" BDT RESUME REQUEST
12	(C)	X'1E'	0	BSIDNNMR	"30" NJE NODAL MESSAGE RECORD REQ
12	(C)	X'1F'	0	BSIDNMRR	"31" RETURN NMR TO JES3
12	(C)	X'51'	0	BSIDNJET	"81" NJE TRANSACTION #027
12	(C)	X'80'	0	BSIDUSE1	"128" BEGIN RES FOR USER MOD CODES
				Comment	
		---------- # BSIDMCLS - BSID MESSAGE CLASS DEFINITION # ---------- #			
				End of Comment	
13	(D)	BITSTRING	1	BSIDMCLS	MESSAGE CLASS
		1...		BSIDBDT	"BIT0" CLASS=BDT
		.1..		BSIDBAT	"BIT1" CLASS=BATCH
		..1.		BSIDSYS	"BIT2" CLASS=SYSTEM
		...1		BSIDNLOG	"BIT3" CLASS=NOLOG
		.... 1...		BSIDSUPP	"BIT4" CLASS=SUPPRESS #467
				Comment	
		---------- # BSIDFLG1 - BSIDFLG1 DEFINITION # ---------- #			
				End of Comment	
14	(E)	BITSTRING	1	BSIDFLG1	BSID FLAG 1
		1...		BSIDSEND	"BIT0" BDT SYSTEM 'SEND' COMMAND
		.1..		BSIDIDUS	"BIT1" SYSID IS USER-SPECIFIED
		..1.		BSIDWAIT	"BIT2" SYNCHRONOUS RESP REQUIRED
		...1		BSIDRPLY	"BIT3" ASYNCHRONOUS RESP EXPECTED
		.... 1...		BSIDACK	"BIT4" SYNCHRONOUS ACKLDGD REQUIRED
		.... .1..		BSIDNOLG	"BIT5" SUPPRESS COMMAND LOGGING REQUIRED
				Comment	
		---------- # BSIDFLG2 - BSIDFLG2 DEFINITION # ---------- #			
				End of Comment	
15	(F)	BITSTRING	1	BSIDFLG2	BSID FLAG 2
		.1..		BSIDPRI	"BIT1" PRIORITY TRANSACTION
		..1.		BSIDPTMN	"BIT2" BSID FREEMAIN TYPE
		...1		BSIDFILL	"BIT3" JES SHOULD FILL IN JOB NUM FOR THIS BSID
		.... 1...		BSIDSSNW	"BIT4" IF ON - DO NOT WAIT IN #255 BDTSSBDT FOR TQI CHECKPOINT #255 OF COMMAND OR TRANSACTION #255
		1		BSIDJBSI	"BIT7" BSID GETMAINED BY JES3 #255

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- #
					BSIDFLG3 - BSIDFLG3 DEFINITION #
					---------- #
					End of Comment
16	(10)	BITSTRING	1	BSIDFLG3	BSID FLAG 3 - USED INTERN- #255 ALLY TO BDT. NO UPDATE TO #255 IATYBSID IS NECESSARY. #255
					Comment
					---------- #
					BSIDFLG4 - BSIDFLG4 DEFINITION #
					---------- #
					End of Comment
17	(11)	BITSTRING	1	BSIDFLG4	BSID FLAG 4 - RES FOR SER
					Comment
					BDT TRANSACTION ORIGIN ID MAPPING CHANGE ACTIVITY $LU= 31-BIT HJS2215 850110 PD1KH: SP2.1.5 $LX= SP215 HJS2215 850110 PD1KH: SP2.1.5
					End of Comment
18	(12)	CHARACTER	4	BSIDXHDR	CONTROL BLOCK ACRONYM
22	(16)	CHARACTER	4	BSIDXREL	VERSION RELEASE ID
26	(1A)	ADDRESS	2	BSIDXLEN	XOID LENGTH
28	(1C)	BITSTRING	8	BSIDXBSI	XACTION ORIGIN - BDT SYS ID
36	(24)	BITSTRING	8	BSIDXBSN	XACTION ORIGIN - BDT SYS NAM%PAG0982
44	(2C)	BITSTRING	1	BSIDXTYP	XACTION ORIGIN - TYPE
44	(2C)	X'1'	0	BSIDTSO	"1" TSO USER
44	(2C)	X'2'	0	BSIDJES	"2" JES CONSOLE
44	(2C)	X'3'	0	BSIDBTCH	"3" BATCH JOB
44	(2C)	X'4'	0	BSIDMCS	"4" MCS CONSOLE
44	(2C)	X'5'	0	BSIDLOG	"5" JOB MESSAGE LOG
44	(2C)	X'6'	0	BSIDFCT	"6" BDT FCT
44	(2C)	X'7'	0	BSIDJMC	"7" JES MESSAGE CLASS
					Comment
					TYPE 1-50 SHARED BY JES3 AND BDT TYPE 51-119 RESERVED FOR BDT INTERNAL USE ONLY TYPE 120-127 RESERVED FOR JES3 INTERNAL USE ONLY
					End of Comment
44	(2C)	X'80'	0	BSIDUSER	"128" BEGIN USER DEFINED XOIDXTYP
45	(2D)	BITSTRING	1	BSIDXRD1	RESERVED FOR BDT INTERNAL USE ONLY
46	(2E)	CHARACTER	8	BSIDXDDN (0)	TRANSACTION ORIGIN - DDNAME
46	(2E)	CHARACTER	8	BSIDUSID (0)	TSO USERID
46	(2E)	CHARACTER	8	BSIDCNDD (0)	JES CONSOLE DDNAME
46	(2E)	CHARACTER	8	BSIDJCLS (0)	JES MESSAGE CLASS
46	(2E)	CHARACTER	8	BSIDBJNM (0)	BATCH JOB NAME
46	(2E)	ADDRESS	1	BSIDMCSI (0)	MCS CONSOLE ID
46	(2E)	BITSTRING	2	BSIDBJNO (0)	BDT JOB NUMBER
46	(2E)	BITSTRING	8	BSIDDDRS	DDNAME STORAGE
54	(36)	BITSTRING	4	BSIDMCS4	4-BYTE FORM OF CONSOLE ID
58	(3A)	BITSTRING	4	BSIDXRD3	RESERVED FOR JES3 DEVELOPMNT
62	(3E)	BITSTRING	4	BSIDXRS1	RESERVED FOR BDT SERVICE
66	(42)	BITSTRING	4	BSIDXRS2	RESERVED FOR JES3 SERVICE
70	(46)	BITSTRING	4	BSIDXRU1	RESERVED FOR USER %PAG0982

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
74	(4A)	BITSTRING	4	BSIDXRU2	RESERVED FOR USER %PAG0982
74	(4A)	X'2F'	0	BSIDMCSA	"BSIDMCSI+1,1,C'C'" MCS CONSOLE UX28 AUTH %PAG0982
74	(4A)	X'4E'	0	BSIDXEND	"*" END OF XOID
74	(4A)	X'12'	0	BSIDXOID	"BSIDXHDR,*-BSIDXHDR,C'C'" XOID EQUATE
74	(4A)	X'1C'	0	BSIDXALL	"BSIDXBSI,*-BSIDXBSI,C'C'" BSI EQUATE %PAG0467
78	(4E)	CHARACTER	8	BSIDDEST (0)	DESTINATION
78	(4E)	CHARACTER	8	BSIDORG (0)	ORIGIN
78	(4E)	CHARACTER	8	BSIDSYSI	BDT SYSTEM ID
86	(56)	ADDRESS	2	BSIDJNMC	Compatible with BSIDJNUM - see IATXJBNO macro
88	(58)	SIGNED	4	BSIDUTI (6)	TQI UNIQUE IDENTIFIER (UTI) SIZE MUST BE EQUAL TO THAT GENERATED BY THE BDT MACRO BDTDUTI
112	(70)	ADDRESS	4	BSIDTQI1	TQI UTILITY FIELD
116	(74)	ADDRESS	4	BSIDTQI2	TQI UTILITY FIELD
120	(78)	SIGNED	4	BSIDJES3	JES3 USAGE #027
124	(7C)	SIGNED	2	BSIDVRDL	LENGTH OF SNA NJE VAR SECT #027
126	(7E)	SIGNED	2	BSIDRSD2	RESERVED FOR DEVELOPMENT #027
128	(80)	ADDRESS	4	BSIDJNUM	JES job number of BDT system
132	(84)	ADDRESS	4	BSIDRSD4	RESERVED FOR DEVELOPMENT #467
136	(88)	ADDRESS	4	BSIDRSD5	RESERVED FOR DEVELOPMENT #467
140	(8C)	ADDRESS	4	BSIDRSD6	RESERVED FOR DEVELOPMENT #467
144	(90)	ADDRESS	4	BSIDRSD7	RESERVED FOR DEVELOPMENT #467
148	(94)	ADDRESS	4	BSIDRSD8	RESERVED FOR DEVELOPMENT #467
152	(98)	CHARACTER	8	BSIDRSD9	RESERVED FOR DEVELOPMENT #467
160	(A0)	CHARACTER	8	BSIDRSDA	RESERVED FOR DEVELOPMENT #467
168	(A8)	ADDRESS	4	BSIDRSS1	RESERVED FOR JES3 SERVICE
172	(AC)	ADDRESS	4	BSIDRSS2	RESERVED FOR JES3-BDT COMMON SERVICE
176	(B0)	ADDRESS	4	BSIDRSS3	RESERVED FOR BDT SERVICE
180	(B4)	ADDRESS	4	BSIDRSS4	RESERVED FOR BDT SERVICE
184	(B8)	ADDRESS	4	BSIDRSU1	RESERVED FOR USER
188	(BC)	ADDRESS	4	BSIDRSU2	RESERVED FOR USER
192	(C0)	SIGNED	4	BSIDFEND (0)	ALIGN TO FULLWORD
192	(C0)	X'0'	0	BSIDFIXD	"BSID,*-BSID,C'X'" FIXED LENGTH OF BSID
192	(C0)	X'C0'	0	BSIDMINL	"L'BSIDFIXD" MINIMUM LENGTH OF BSID
192	(C0)	X'E00'	0	BSIDMAXL	"3584" MAXIMUM LENGTH OF BSID #467 2

Comment

```
------------------------------------------------------------ #
      VARIABLE PART OF THE BSID #
------------------------------------------------------------ #
```

End of Comment

192	(C0)	SIGNED	4	BSIDDATA (0)	BEGINNING OF VARIABLE DATA

Comment

```
      3 LINES DELETED FOR PTM PBU0027 #
```

End of Comment

192	(C0)	SIGNED	4	BSIDNJE (0)	BDT EXTENSION FOR NJE

Comment

```
BSIDVAR DC H'00' LENGTH OF SNA NJE VAR SECT #
------------------------------------------------------------ #
      BSIDEVNT - BBDT EVENT FIELD DEFINITION #
------------------------------------------------------------ #
```

End of Comment

192	(C0)	CHARACTER	1	BSIDEVNT	BDT EVENT FIELD
192	(C0)	X'1'	0	BSIDTRNQ	"1" TRANSACTION QUEUED
192	(C0)	X'2'	0	BSIDABNR	"2" TRANSACTION ABNORMAL COMPLETION
192	(C0)	X'3'	0	BSIDCANC	"3" TRANSACTION CANCELLED BY OPER
192	(C0)	X'4'	0	BSIDDUPE	"4" TRANSACTION IS A DUPLICATE

IATYBSID Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
192	(C0)	X'5'	0	BSIDOPRC	"5" TRANSACTION NOT QUEUED - NODE IS NOT AN NJE NODE.
192	(C0)	X'6'	0	BSIDOPRX	"6" TRANSACTION REMOVED FROM QUEUE- NODE HAS BEEN REMOVED.
192	(C0)	X'7'	0	BSIDNCAN	"7" CANCEL REQUEST JOB NOT FOUND
192	(C0)	X'8'	0	BSIDNEV2	"8" RESERVED
192	(C0)	X'9'	0	BSIDNEV3	"9" RESERVED
192	(C0)	X'A'	0	BSIDNJOB	"10" JOB NOT FOUND
192	(C0)	X'B'	0	BSIDNEV4	"11" RESERVED
192	(C0)	X'C'	0	BSIDNEV5	"12" RESERVED
192	(C0)	X'D'	0	BSIDNEV6	"13" RESERVED
192	(C0)	X'E'	0	BSIDNEV7	"14" RESERVED
192	(C0)	X'F'	0	BSIDNEV8	"15" RESERVED
192	(C0)	X'10'	0	BSIDNEV9	"16" RESERVED
192	(C0)	X'11'	0	BSIDNE10	"17" RESERVED
192	(C0)	X'12'	0	BSIDNE11	"18" RESERVED
192	(C0)	X'13'	0	BSIDNE12	"19" RESERVED
192	(C0)	X'14'	0	BSIDNORC	"20" NORMAL CONNECT REQUESTED
192	(C0)	X'15'	0	BSIDABNC	"21" ABNORMAL CONNECT REQUESTED
193	(C1)	CHARACTER	1	BSIDDTR1	RESERVED
194	(C2)	CHARACTER	8	BSIDJGID	JES3 GROUP ID
202	(CA)	SIGNED	2	BSIDBJOB	BDT JOB NUMBER
204	(CC)	CHARACTER	8	BSIDJOBN	JES3 JOB NAME
212	(D4)	CHARACTER	8	BSIDJJOB	JES3 JOB ID
220	(DC)	SIGNED	4	BSIDVEND (0)	END OF VARIABLE DATA #027
220	(DC)	X'C0'	0	BSIDVARL	"BSIDDATA,BSIDVEND-BSIDDATA,C'X'" BSID VAR PART #027
220	(DC)	X'D7'	0	BSIDJOBC	"BSIDJJOB+3,5,C'C'" JES3 JOB NUMBER IN EBCDIC
220	(DC)	X'4E'	0	BSIDDNOD	"BSIDDEST" DESTINATION NODE NAME #027
220	(DC)	X'C2'	0	BSIDNMRD	"BSIDDATA+2" BEGINNING OF NMR 0082
220	(DC)	X'C0'	0	BSIDNMRL	"BSIDDATA,2,C'X'" LENGTH OF NMR IN VAR PART 0082
220	(DC)	X'0'	0	BSIDMTXT	"BSID,BSIDFEND-BSID,C'X'" Fixed length of BSID 0011

IATYBSID Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
BSID	0		BSIDFLG2	F	0
BSIDABNC	C0	15	BSIDFLG3	10	0
BSIDABNR	C0	2	BSIDFLG4	11	0
BSIDACK	E	8	BSIDFXDL	A	C0
BSIDBAT	D	40	BSIDID	2	C2E2C9C4
BSIDBDEV	C	C	BSIDIDUS	E	40
BSIDBDT	D	80	BSIDJBSI	F	1
BSIDBJNM	2E		BSIDJCLS	2E	
BSIDBJNO	2E		BSIDJCMD	C	5
BSIDBJOB	CA		BSIDJES	2C	2
BSIDBTCH	2C	3	BSIDJES3	78	0
BSIDCANC	C0	3	BSIDJGID	C2	
BSIDCMND	C	4	BSIDJJOB	D4	
BSIDCNDD	2E		BSIDJMC	2C	7
BSIDCONT	C	13	BSIDJMSG	C	8
BSIDDATA	C0		BSIDJNMC	56	
BSIDDDRS	2E	0	BSIDJNUM	80	
BSIDDEST	4E		BSIDJOBC	DC	D7
BSIDDNOD	DC	4E	BSIDJOBN	CC	
BSIDDTR1	C1		BSIDLOG	2C	5
BSIDDUPE	C0	4	BSIDMAXL	C0	E00
BSIDEVNT	C0		BSIDMCLS	D	0
BSIDFCT	2C	6	BSIDMCS	2C	4
BSIDFEND	C0		BSIDMCSA	4A	2F
BSIDFILL	F	10	BSIDMCSI	2E	
BSIDFIXD	C0	0	BSIDMCS4	36	0
BSIDFLG1	E	0	BSIDMESG	C	2

Name	Hex Offset	Hex Value
BSIDMINL	C0	C0
BSIDMOD	C	0
BSIDMTXT	DC	0
BSIDNATV	C	9
BSIDNCAN	C0	7
BSIDNEV2	C0	8
BSIDNEV3	C0	9
BSIDNEV4	C0	B
BSIDNEV5	C0	C
BSIDNEV6	C0	D
BSIDNEV7	C0	E
BSIDNEV8	C0	F
BSIDNEV9	C0	10
BSIDNE10	C0	11
BSIDNE11	C0	12
BSIDNE12	C0	13
BSIDNJE	C0	
BSIDNJET	C	51
BSIDNJOB	C0	A
BSIDNLOG	D	10
BSIDNMRD	DC	C2
BSIDNMRL	DC	C0
BSIDNMRR	C	1F
BSIDNNMR	C	1E
BSIDNOLG	E	4
BSIDNORC	C0	14
BSIDNOTE	C	F
BSIDOFFL	C	6
BSIDOPRC	C0	5
BSIDOPRX	C0	6
BSIDORG	4E	
BSIDPRI	F	40
BSIDPTMN	F	20
BSIDREJT	C	7
BSIDRPLY	E	10
BSIDRSDA	A0	40404040
BSIDRSD2	7E	0
BSIDRSD4	84	
BSIDRSD5	88	
BSIDRSD6	8C	
BSIDRSD7	90	
BSIDRSD8	94	
BSIDRSD9	98	40404040
BSIDRSS1	A8	
BSIDRSS2	AC	
BSIDRSS3	B0	
BSIDRSS4	B4	
BSIDRSUM	C	16
BSIDRSU1	B8	
BSIDRSU2	BC	
BSIDSEND	E	80
BSIDSHTL	C	1
BSIDSPND	C	14
BSIDSSNW	F	8
BSIDSUPP	D	8
BSIDSYS	D	20
BSIDSYSI	4E	40404040
BSIDTOTL	0	0
BSIDTQID	C	B
BSIDTQIP	C	A
BSIDTQI1	70	
BSIDTQI2	74	
BSIDTRNQ	C0	1
BSIDTSO	2C	1
BSIDUSER	2C	80
BSIDUSE1	C	80
BSIDUSID	2E	
BSIDUTI	58	0
BSIDVARL	DC	C0
BSIDVEND	DC	
BSIDVER#	6	F2F0F0F0
BSIDVRDL	7C	0
BSIDWAIT	E	20
BSIDXACT	C	3
BSIDXALL	4A	1C
BSIDXBSI	1C	0
BSIDXBSN	24	0
BSIDXDDN	2E	
BSIDXEND	4A	4E
BSIDXHDR	12	E7D6C9C4
BSIDXLEN	1A	3C
BSIDXOID	4A	12
BSIDXRD1	2D	0
BSIDXRD3	3A	0
BSIDXREL	16	F1F0F0F0
BSIDXRS1	3E	0
BSIDXRS2	42	0
BSIDXRU1	46	0
BSIDXRU2	4A	0
BSIDXTYP	2C	0

IATYCAT Heading Information

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

IATYCAT Map

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

Comment

Definition of CATACTL1 (Same as IEFZB442)

End of Comment

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

Comment

Definition of CATACTL2 (Same as IEFZB442)

End of Comment

		1...		ACOK2MNT	"X'80'" Catalog mount authorized
		.1..		ACSTPCAT	"X'40'" This catalog is a STEPCAT

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		..1.		ACACATLG	"X'20'" Allocate this catalog
		...1		ACOPNACB	"X'10'" Open the catalog ACB
		.... 1...		ACCCPCCB	"X'08'" Create and chain a PCCB
		.... .1..		ACRECOVD	"X'04'" Set if Catalog Recovery unallocated any catalogs
		.... ..1.		ACDDNAME	"X'02'" Allocate the catalog to the DDNAME specified in CATADDNM
		1		ACRSVD01	"X'01'" Reserved Flag
26	(1A)	SIGNED	2	CATARSVD	Reserved for Development
28	(1C)	ADDRESS	4	CATARTN	Address of Return/Reason Code Area
32	(20)	ADDRESS	4	CATAJSCB	JSCB Pointer
36	(24)	ADDRESS	4	CATADSN	Catalog DSN Pointer
40	(28)	ADDRESS	4	CATACONN	Connector Pointer
44	(2C)	ADDRESS	4	CATADDNM	DDNAME Pointer
48	(30)	SIGNED	2	CATARETC	Return Code Area
50	(32)	SIGNED	2	CATAREAS	Reason Code Area
52	(34)	SIGNED	4	CATAEND (0)	End of Catalog Allocate Parameter List
52	(34)	X'34'	0	CATASIZE	"CATAEND-CATASTRT" Size of Catalog Allocate Parameter List

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	CATUSTRT	, Start of Catalog Unallocate Parameter List
0	(0)	ADDRESS	4	CATUCTLA	Addr. of Unallocate Controls
4	(4)	ADDRESS	4	CATURTNA	Addr. of Return Code Pointer
8	(8)	ADDRESS	4	CATUPCCA	Addr. of PCCB Pointer
12	(C)	ADDRESS	4	CATUDDNA	Addr. of DDNAME Pointer
16	(10)	ADDRESS	4	CATUACBA	Addr. of ACB Pointer
20	(14)	ADDRESS	4	CATUJSCA	Addr. of JSCB Pointer
24	(18)	SIGNED	2	CATUCTL (0)	Unallocate Controls
24	(18)	BITSTRING	1	CATUCTL1	1st Byte of Unalloc Controls

Comment

Definition of CATUCTL1 (Same as IEFZB443)

End of Comment

		1...		UCCAJSCB	"X'80'" Change active JSCB Pointer
		.1..		UCNTIONQ	"X'40'" Don't ENQ on the TIOT
		..1.		UCONECAT	"X'20'" Unallocate one Catalog
		...1		UCALLCAT	"X'10'" Unallocate all Catalogs
		.... 1...		UCONEACB	"X'08'" Close one Catalog ACB
		.... .1..		UCALLACB	"X'04'" Close all Catalog ACBs
		.... ..1.		UCONPCCB	"X'02'" Free one PCCB
		1		UCALPCCB	"X'01'" Free all PCCBs
25	(19)	BITSTRING	1	CATUCTL2	2nd Byte of Unalloc Controls

Comment

Definition of CATUCTL2 (Same as IEFZB443)

End of Comment

		1...		UCTEMP	"X'80'" Close Temporarily
		.1..		UCSWTIOT	"X'40'" Switch TIOT Pointer before Closing User Catalog
		..1.		UCRSVD20	"X'20'" Reserved Flag
		...1		UCRSVD10	"X'10'" Reserved Flag
		.... 1...		UCRSVD08	"X'08'" Reserved Flag
		.... .1..		UCRSVD04	"X'04'" Reserved Flag
		.... ..1.		UCRSVD02	"X'02'" Reserved Flag

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		1		UCRSVD01	"X'01'" Reserved Flag
26	(1A)	SIGNED	2	CATURSVD	Reserved for Development
28	(1C)	ADDRESS	4	CATURTN	Address of Return/Reason Code Area
32	(20)	ADDRESS	4	CATUPCCB	PCCB Pointer
36	(24)	ADDRESS	4	CATUDDNM	DDNAME Pointer
40	(28)	ADDRESS	4	CATUACB	ACB Pointer
44	(2C)	ADDRESS	4	CATUJSCB	JSCB Pointer
48	(30)	SIGNED	2	CATURETC	Return Code Area
50	(32)	SIGNED	2	CATUREAS	Reason Code Area
52	(34)	SIGNED	4	CATUEND (0)	End of Catalog Unallocate Parameter List
52	(34)	X'34'	0	CATUSIZE	"CATUEND-CATUSTRT" Size of Catalog Unallocate Parameter List

IATYCAT Cross Reference

Name	Hex Offset	Hex Value
ACACATLG	19	20
ACCCPCCB	19	8
ACDDNAME	19	2
ACDVWAIT	18	40
ACNODD	18	80
ACNOENQ	18	2
ACNUJSCB	18	1
ACOFLINE	18	4
ACOK2MNT	19	80
ACOPNACB	19	10
ACOSCVOL	18	10
ACRECOVD	19	4
ACRECOVR	18	20
ACRSVD01	19	1
ACSTPCAT	19	40
ACVLWAIT	18	8
CATACONA	10	
CATACONN	28	
CATACTL	18	
CATACTLA	0	
CATACTL1	18	0
CATACTL2	19	0
CATADDNA	14	
CATADDNM	2C	
CATADSN	24	
CATADSNA	C	
CATAEND	34	
CATAJSCA	8	
CATAJSCB	20	
CATAREAS	32	
CATARETC	30	
CATARSVD	1A	0
CATARTN	1C	
CATARTNA	4	
CATASIZE	34	34
CATASTRT	0	
CATUACB	28	
CATUACBA	10	
CATUCTL	18	
CATUCTLA	0	
CATUCTL1	18	0
CATUCTL2	19	0
CATUDDNA	C	
CATUDDNM	24	
CATUEND	34	
CATUJSCA	14	
CATUJSCB	2C	

Name	Hex Offset	Hex Value
CATUPCCA	8	
CATUPCCB	20	
CATUREAS	32	
CATURETC	30	
CATURSVD	1A	0
CATURTN	1C	
CATURTNA	4	
CATUSIZE	34	34
CATUSTRT	0	
UCALLACB	18	4
UCALLCAT	18	10
UCALPCCB	18	1
UCCAJSCB	18	80
UCNTIONQ	18	40
UCONEACB	18	8
UCONECAT	18	20
UCONPCCB	18	2
UCRSVD01	19	1
UCRSVD02	19	2
UCRSVD04	19	4
UCRSVD08	19	8
UCRSVD10	19	10
UCRSVD20	19	20
UCSWTIOT	19	40
UCTEMP	19	80

IATYCFGS Heading Information

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

IATYCFGS Map

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

Comment

Old and New Configuration Information.

End of Comment

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

Comment

CELL POOL PARAMETER LIST
01 Change Activity:
$RC= OS110 HJS6601 950327 PD0VW: OS 1.1.0 SHOWHDR RUN

End of Comment

88	(58)	SIGNED	4	CFSCPP (0)	
88	(58)	ADDRESS	4		NUMBER OF CELLS IN PRIMARY EXTENT
92	(5C)	ADDRESS	4		NUMBER OF RESERVED CELLS
96	(60)	ADDRESS	4		NUMBER OF CELLS IN EACH SECONDARY EXTENT
100	(64)	ADDRESS	2		NUMBER OF BYTES PER CELL
102	(66)	ADDRESS	2		Subpool for the cell pool

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Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
104	(68)	ADDRESS	2		MAXIMUM NUMBER THE CELL POOL CAN EXTEND
106	(6A)	BITSTRING	1		Flags
107	(6B)	BITSTRING	1		Reserved for IBM
108	(6C)	ADDRESS	4	(2)	RESERVED FOR USER

Comment

ECB Information.

ECB List Used by the READ_ACCESS and WRITE_ACCESS functions.

End of Comment

116	(74)	SIGNED	4	CFSECBLS (0)	ECB List Used for WAIT
116	(74)	ADDRESS	4	CFSECBA1	ECB address 1
120	(78)	ADDRESS	4	CFSECBA2	ECB address 2
124	(7C)	ADDRESS	4	CFSECBA3	ECB address 3

Comment

ECBs Used by the READ_ACCESS and WRITE_ACCESS functions.

End of Comment

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

Comment

ENQ/DEQ Related Information.

Major and minor names.

End of Comment

140	(8C)	CHARACTER	8	CFSMAJNM	Major Name
148	(94)	BITSTRING	1	CFSMINNM (0)	Start of minor name length and actual name
148	(94)	BITSTRING	1	CFSMINLN	Minor name length
149	(95)	CHARACTER	14	CFSMINPF (0)	Minor name prefix
149	(95)	CHARACTER	1	CFSMINTX	Minor name - includes the prefix and primary checkpoint volser and data set name

Comment

TCB that issued the ENQ.

End of Comment

216	(D8)	ADDRESS	4	CFSNQTCB	TCB of task that issued the ENQ request

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- ENQ parameter list. Note that when the ECB parameter is specified, the parameter list contains a prefix that preceeds the label on the ENQ macro. ----------
					End of Comment
220	(DC)	SIGNED	4	CFSENQST (0)	Actual start of parm list
					Comment
					CFSENQ ENQ (,,,,), ENQ parameter list X
					End of Comment
					Comment
					MACRO-DATE = 01/30/01
					End of Comment
220	(DC)	SIGNED	4	(0)	ESTABLISH A FULLWORD BOUNDARY
220	(DC)	ADDRESS	4		PREFIX - ECB ADDRESS
220	(DC)	X'E0'	0	CFSENQ	"*" X02113
224	(E0)	ADDRESS	1		PELLAST flag byte. X02113
225	(E1)	ADDRESS	1		PELMILEN - RNAME length.
226	(E2)	BITSTRING	1		
					Comment
					PELFLAG - flag byte 2.
					End of Comment
227	(E3)	ADDRESS	1		PELRET - return code byte.
228	(E4)	ADDRESS	4		QNAME ADDRESS
232	(E8)	ADDRESS	4		RNAME ADDRESS
232	(E8)	X'10'	0	CFSENQSZ	"*-CFSENQST" Size of ENQ parameter list
					Comment
					---------- DEQ parameter list. Note that when the TCB parameter is specified, the parameter list contains a prefix that preceeds the label on the DEQ macro. ----------
					End of Comment
236	(EC)	SIGNED	4	CFSDEQST (0)	Actual start of parm list
					Comment
					CFSDEQ DEQ (,,,), DEQ parameter list X
					End of Comment
					Comment
					MACRO-DATE = 01/17/01
					End of Comment
236	(EC)	SIGNED	4	(0)	ESTABLISH A FULLWORD BOUNDARY
236	(EC)	ADDRESS	4		PREFIX - TCB ADDRESS X02113

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
236	(EC)	X'F0'	0	CFSDEQ	"*" X02113
240	(F0)	ADDRESS	1		PELLAST flag byte. X02113
241	(F1)	ADDRESS	1		PELMILEN - RNAME length.
242	(F2)	BITSTRING	1		

Comment

PELFLAG - flag byte 2.

End of Comment

243	(F3)	ADDRESS	1		PELRET - return code byte.
244	(F4)	ADDRESS	4		QNAME ADDRESS
248	(F8)	ADDRESS	4		RNAME ADDRESS
248	(F8)	X'1C'	0	CFSDEQSS	"*-CFSENQ" Size of short form of DEQ parameter list (i.e. TCB was not specified)
248	(F8)	X'20'	0	CFSDEQLS	"*-CFSENQST" Size of long form of DEQ parameter list (i.e. TCB was specified)

Comment

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

End of Comment

252	(FC)	SIGNED	4	CFSSTMID	STIMERM request identifier

Comment

CFSSTIMR STIMERM SET, STIMERM Parameter List X

End of Comment

Comment

MACDATE = 08/19/88

End of Comment

256	(100)	BITSTRING	24	CFSSTIMR	REMOTE STIMERM SET PARM LIST
256	(100)	X'18'	0	CFSSTMSZ	"*-CFSSTIMR" Size of parameter list

Comment

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

End of Comment

256	(100)	X'5DC'	0	CFSNQWEX	"1500" Wait time for exclusive use
256	(100)	X'1770'	0	CFSNQWSH	"6000" Wait time for shared use

Comment

Message Related Information.

WTO Parameter List.

CFSWTO WTO TEXT=, WTO Parameter List X

End of Comment

280	(118)	SIGNED	4	CFSWTO (0)	
280	(118)	ADDRESS	2		TEXT LENGTH
282	(11A)	BITSTRING	2		MCSFLAGS

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
284	(11C)	ADDRESS	4		MESSAGE TEXT ADDRESS
288	(120)	ADDRESS	1		VERSION LEVEL
289	(121)	BITSTRING	1		MISCELLANEOUS FLAGS
290	(122)	ADDRESS	1		REPLY LENGTH
291	(123)	ADDRESS	1		LENGTH OF WPX
292	(124)	BITSTRING	2		EXTENDED MCS FLAGS
294	(126)	ADDRESS	2		RESERVED
296	(128)	ADDRESS	4		REPLY BUFFER ADDRESS
300	(12C)	ADDRESS	4		REPLY ECB ADDRESS
304	(130)	ADDRESS	4		CONNECT ID
308	(134)	BITSTRING	2		DESCRIPTOR CODES
310	(136)	ADDRESS	2		RESERVED
312	(138)	BITSTRING	16		
328	(148)	BITSTRING	2		MESSAGE TYPE
330	(14A)	ADDRESS	2		MESSAGE'S PRIORITY
332	(14C)	CHARACTER	8		JOB ID
340	(154)	CHARACTER	8		JOB NAME
348	(15C)	CHARACTER	8		RETRIEVAL KEY
356	(164)	ADDRESS	4		TOKEN FOR DOM
360	(168)	ADDRESS	4		CONSOLE ID
364	(16C)	CHARACTER	8		SYSTEM NAME
372	(174)	CHARACTER	8		CONSOLE NAME
380	(17C)	ADDRESS	4		REPLY CONSOLE NAME/ID ADDR
384	(180)	ADDRESS	4		CART ADDRESS
388	(184)	ADDRESS	4		WSPARM ADDRESS
388	(184)	X'70'	0	CFSWTOSZ	"*-CFSWTO" Size of parameter list

Comment

```
------------------------------------------------------------
      WTOR Parameter List.
------------------------------------------------------------
CFSWTOR WTOR TEXT=(,,,), WTOR Parameter List X
```

End of Comment

392	(188)	SIGNED	4	CFSWTOR (0)	
392	(188)	ADDRESS	2		TEXT LENGTH
394	(18A)	BITSTRING	2		MCSFLAGS
396	(18C)	ADDRESS	4		MESSAGE TEXT ADDRESS
400	(190)	ADDRESS	1		VERSION LEVEL
401	(191)	BITSTRING	1		MISCELLANEOUS FLAGS
402	(192)	ADDRESS	1		REPLY LENGTH
403	(193)	ADDRESS	1		LENGTH OF WPX
404	(194)	BITSTRING	2		EXTENDED MCS FLAGS
406	(196)	ADDRESS	2		RESERVED
408	(198)	ADDRESS	4		REPLY BUFFER ADDRESS
412	(19C)	ADDRESS	4		REPLY ECB ADDRESS
416	(1A0)	ADDRESS	4		CONNECT ID
420	(1A4)	BITSTRING	2		DESCRIPTOR CODES
422	(1A6)	ADDRESS	2		RESERVED
424	(1A8)	BITSTRING	16		
440	(1B8)	BITSTRING	2		MESSAGE TYPE
442	(1BA)	ADDRESS	2		MESSAGE'S PRIORITY
444	(1BC)	CHARACTER	8		JOB ID
452	(1C4)	CHARACTER	8		JOB NAME
460	(1CC)	CHARACTER	8		RETRIEVAL KEY
468	(1D4)	ADDRESS	4		TOKEN FOR DOM
472	(1D8)	ADDRESS	4		CONSOLE ID
476	(1DC)	CHARACTER	8		SYSTEM NAME
484	(1E4)	CHARACTER	8		CONSOLE NAME
492	(1EC)	ADDRESS	4		REPLY CONSOLE NAME/ID ADDR
496	(1F0)	ADDRESS	4		CART ADDRESS
500	(1F4)	ADDRESS	4		WSPARM ADDRESS
500	(1F4)	X'70'	0	CFSWTRSZ	"*-CFSWTOR" Size of parameter list

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				DOM ids.	
				End of Comment	
504	(1F8)	SIGNED	4	CFSDOMI1	First DOM id
508	(1FC)	SIGNED	4	CFSDOMI2	Second DOM id
				Comment	
				WTOR Reply Area.	
				End of Comment	
512	(200)	CHARACTER	8	CFSREPLY	WTOR reply area
				Comment	
				Message Work Area.	
				End of Comment	
520	(208)	SIGNED	2	CFSMSGWK (0)	Message Work Area
520	(208)	SIGNED	2	CFSMSGLN	Message Text Length
522	(20A)	CHARACTER	120	CFSMSGTX	Message Text
				Comment	
				Variable message text. This will contain the main processor name if running in the JES3 address space, or the FSS name and asid if running in an FSS address space.	
				End of Comment	
642	(282)	SIGNED	2	CFSVMLEN	Length of variable message text
644	(284)	BITSTRING	1	CFSVMTXT (0)	Start of variable message text
				Comment	
				JES3 address space variable message text.	
				End of Comment	
644	(284)	CHARACTER	8	CFSJ3ATX	Main processor name
				Comment	
				FSS address space variable message text.	
				End of Comment	
644	(284)	CHARACTER	4	CFSFSSTX	Start of FSS message text
648	(288)	CHARACTER	8	CFSFSSNM	FSS name
656	(290)	CHARACTER	7		
663	(297)	CHARACTER	4	CFSFSSAI	Address space id

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
663	(297)	X'17'	0	CFSFSSSZ	"*-CFSFSSTX" Size of message text
				Comment	
				Flags.	
				End of Comment	
667	(29B)	BITSTRING	1	CFSFLAG1	Flag One
				Comment	
				---------- Definition of CFSFLAG1. ----------	
				End of Comment	
		1...		CFSFSSAD	"X'80'" Running in an FSS address space
		.1..		CFSREDAC	"X'40'" Read access has been obtained
		..1.		CFSWRTAC	"X'20'" Write access has been obtained
		...1		CFSNQCHG	"X'10'" ENQ is being changed from a shared ENQ to an exclusive ENQ
		.... 1...		CFSACREL	"X'08'" Access to the configuration has been released (i.e. a DEQ was done)
		.... .1..		CFSRS104	"X'04'" Reserved flag
		.... ..1.		CFSRS102	"X'02'" Reserved flag
		1		CFSRS101	"X'01'" Reserved flag
				Comment	
				End of control block.	
				End of Comment	
672	(2A0)	DBL WORD	8	CFSEND (0)	End of control block
672	(2A0)	X'2A0'	0	CFSSIZE	"CFSEND-CFSSTART" Size of control block

IATYCFGS Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
CFSACREL	29B	8	CFSMINLN	94	0
CFSCPP	58		CFSMINNM	94	
CFSDEQ	EC	F0	CFSMINPF	95	
CFSDEQLS	F8	20	CFSMINTX	95	40404040
CFSDEQSS	F8	1C	CFSMSGLN	208	0
CFSDEQST	EC		CFSMSGTX	20A	40404040
CFSDOMI1	1F8	0	CFSMSGWK	208	
CFSDOMI2	1FC	0	CFSNCFCI	54	0
CFSECBA1	74		CFSNCFFR	4C	
CFSECBA2	78		CFSNCFLS	50	
CFSECBA3	7C		CFSNQCHG	29B	10
CFSECBLS	74		CFSNQECB	80	0
CFSEND	2A0		CFSNQTCB	D8	
CFSENQ	DC	E0	CFSNQWEX	100	5DC
CFSENQST	DC		CFSNQWSH	100	1770
CFSENQSZ	E8	10	CFSOCFCI	48	0
CFSFLAG1	29B	0	CFSOCFFR	40	
CFSFSSAD	29B	80	CFSOCFLS	44	
CFSFSSAI	297	40404040	CFSREDAC	29B	40
CFSFSSNM	288	40404040	CFSREPLY	200	40404040
CFSFSSSZ	297	17	CFSRS101	29B	1
CFSFSSTX	284	C6E2E240	CFSRS102	29B	2
CFSID	0	C3C6C7E2	CFSRS104	29B	4
CFSJ3ATX	284	40404040	CFSSELF	4	
CFSMAJNM	8C	E2E8E2E9	CFSSIZE	2A0	2A0

IATYCFGS Cross Reference

Name	Hex Offset	Hex Value
CFSSTART	0	
CFSSTIMR	100	0
CFSSTMID	FC	0
CFSSTMSZ	100	18
CFSTMECB	84	0
CFSVMLEN	282	0
CFSVMTXT	284	
CFSWORK	8	
CFSWORK2	28	
CFSWRECB	88	0
CFSWRTAC	29B	20
CFSWTO	118	
CFSWTOR	188	
CFSWTOSZ	184	70
CFSWTRSZ	1F4	70

IATYCFT Programming Interface information

Programming Interface information

IATYCFT

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

- CFTPRCST

End of Programming Interface information

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IATYCFT Heading Information

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

IATYCFT Map

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

Comment

```
-------------------------------------------------------------
          FSS WORK-STATUS FIELDS
-------------------------------------------------------------
```

End of Comment

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

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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	CFTPSTAT	CI FSS PROCLIB STATUS ENTRY
0	(0)	BITSTRING	1	CFTPSTRT (0)	START OF STATUS ENTRY
0	(0)	BITSTRING	1	CFTPFLG1	PROCLIB STATUS FLAG ONE
					Comment
					---------- DEFINITION OF CFTPFLG1 ----------
					End of Comment

IATYCFT Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		1...		CFTDSINC	"X'80'" FSS INCLUDED IN COUNT OF NO. OF FSS'S NEEDING TO DISABLE THE PROCLIB.
		.1..		CFTENINC	"X'40'" FSS INCLUDED IN COUNT OF NO. OF FSS'S NEEDING TO ENABLE THE PROCLIB.
		..1.		CFTDSORD	"X'20'" PROCLIB (TYPE=DISABLE) ORDER SENT TO THIS FSS
		...1		CFTENORD	"X'10'" PROCLIB (TYPE=ENABLE) ORDER SENT TO THIS FSS
1	(1)	BITSTRING	1	CFTPRSVD	RESERVED
2	(2)	BITSTRING	1	CFTPSEND (0)	END OF STATUS ENTRY
2	(2)	X'2'	0	CFTPSIZE	"CFTPSEND-CFTPSTRT" SIZE OF STATUS ENTRY

IATYCFT Cross Reference

Name	Hex Offset	Hex Value
CFTBATUS	1C	
CFTBYPMN	28	2
CFTCIBYP	28	8
CFTDSINC	0	80
CFTDSLUS	1E	
CFTDSORD	0	20
CFTELEN	50	
CFTEND	50	
CFTENINC	0	40
CFTENORD	0	10
CFTFLAG1	28	
CFTFLRSV	29	
CFTFL101	28	1
CFTFORID	20	
CFTFSAID	E	
CFTFSID	C	
CFTFSSID	C	
CFTFSSPT	8	
CFTGLOBL	28	10
CFTID	0	C3C6E340
CFTJOBCH	14	
CFTMCRSP	28	4
CFTMPC	10	
CFTNEXT	4	
CFTPFLG1	0	
CFTPRCIN	28	80
CFTPRCST	18	
CFTPRSVD	1	
CFTPSEND	2	
CFTPSIZE	2	2
CFTPSTAT	0	
CFTPSTRT	0	
CFTRSRVD	30	
CFTRSRVS	38	
CFTRSRVU	44	
CFTRSSEQ	24	
CFTSPE	2C	
CFTSTART	0	
CFTSTECF	28	20
CFTSUBIN	28	40

IATYCFW Heading Information

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

IATYCFW Map

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

Comment

Initialization Stream Input Information.

End of Comment

36	(24)	CHARACTER	8	CFDDNAME	JES3IN DD name
48	(30)	DBL WORD	8	CFMEMBER (0)	Member name
56	(38)	CHARACTER	44	CFDSNAME	Data set name

Comment

WTO/WTOR/MESSAGE Related Information.

End of Comment

100	(64)	ADDRESS	4	CFCNDB	Modify CONSOLE CNDB
104	(68)	ADDRESS	4	CFWTOCON	Console ID for WTOR
108	(6C)	ADDRESS	4	CFWTOECB	ECB for WTOR wait
112	(70)	CHARACTER	10	CFOREPLY	Operator reply area

Comment

Module and JDE addresses.

End of Comment

124	(7C)	ADDRESS	4	CFMOCWJD	IATMOCW JDE address
128	(80)	ADDRESS	4	CFINDTJD	IATINDT JDE address

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Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
132	(84)	ADDRESS	4	CFINRNJD	IATINRN JDE address
136	(88)	ADDRESS	4	CFUX15JD	IATUX15 JDE address
140	(8C)	ADDRESS	4	CFIDVSJD	IATINDVS JDE address
144	(90)	ADDRESS	4	CFINDTAD	IATINDT address

Comment

Information passed to IATUX15.

End of Comment

148	(94)	SIGNED	2	CFUXPLEN	Length of parameters
150	(96)	CHARACTER	8	CFUXPARM	Exit parameters

Comment

Commit processing related information.

End of Comment

160	(A0)	SIGNED	4	CFCMDATE	The date the *F,CONFIG command was issued
164	(A4)	SIGNED	4	CFCMTIME	The time the *F,CONFIG command was issued
168	(A8)	SIGNED	4	CFCFGTKN	Configuration services token
172	(AC)	ADDRESS	4	CFCFGEP	Configuration services entry point
176	(B0)	ADDRESS	4	CFICPAD	Initialization Checkpoint Record (ICP) address
180	(B4)	BITSTRING	1	CFMCMPL	*MODIFY,CONFIG Commit Parameter List

Comment

Dynamic Allocation/Unallocation Information.

Request block pointer

End of Comment

204	(CC)	SIGNED	4	(0)	
204	(CC)	BITSTRING	0	CFDYRBPT (0)	DYNAMIC allocation request
204	(CC)	ADDRESS	4		block pointer

Comment

Request block

End of Comment

208	(D0)	BITSTRING	1	CFDYNLRB	DYNAMIC allocation request block

Comment

Text unit pointer list

End of Comment

228	(E4)	BITSTRING	4	CFTUPTR1	Text unit pointer number 1
232	(E8)	BITSTRING	4	CFTUPTR2	Text unit pointer number 2
236	(EC)	BITSTRING	4	CFTUPTR3	Text unit pointer number 3
240	(F0)	BITSTRING	1	CFTUPTR4	Text unit pointer number 4

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

					DDNAME text unit (ALLOCATION & UNALLOCATION)

					End of Comment
244	(F4)	ADDRESS	2	CFTUDDNM	Text unit key
246	(F6)	ADDRESS	2		No. of Len/Parm pairs
248	(F8)	ADDRESS	2		Length
250	(FA)	CHARACTER	1		Parm - JES3IN DDNAME
					Comment

					DSNAME Text unit

					End of Comment
258	(102)	ADDRESS	2	CFTUDSNM	Text unit key
260	(104)	ADDRESS	2		No. of Len/Parm pairs
262	(106)	ADDRESS	2		Length
264	(108)	CHARACTER	44		Parm - JES3IN DSNAME
					Comment

					DATASET status text unit (DISP=SHR)

					End of Comment
308	(134)	ADDRESS	2	CFTUDSST	Text unit key
310	(136)	ADDRESS	2		No. of Len/Parm pairs
312	(138)	ADDRESS	2		Length
314	(13A)	ADDRESS	4		Parm - "SHARE"
					Comment

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

					End of Comment
315	(13B)	ADDRESS	2	CFTUNDSP	Text unit key
317	(13D)	ADDRESS	2		No. of Len/Parm pairs
319	(13F)	ADDRESS	2		Length
321	(141)	ADDRESS	4		Parm - "KEEP"
					Comment
					Information used by OPEN, CLOSE, FIND, RDJFCB.
					CFDCB DCB DDNAME=JES3IN,DSORG=PO,MACRF=(R),RECFM=FB,
					BUFNO=2,LRECL=80
					DATA CONTROL BLOCK
					End of Comment
324	(144)	SIGNED	4	CFDCB (0)	ORIGIN ON WORD BOUNDARY DIRECT ACCESS DEVICE INTERFACE
324	(144)	BITSTRING	16		FDAD, DVTBL
340	(154)	ADDRESS	4		KEYLEN, DEVT, TRBAL COMMON ACCESS METHOD INTERFACE
344	(158)	ADDRESS	1		BUFNO, NUMBER OF BUFFERS
345	(159)	ADDRESS	3		BUFCB, BUFFER POOL CONTROL BLOCK

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
348	(15C)	ADDRESS	2		BUFL, BUFFER LENGTH
350	(15E)	BITSTRING	2		DSORG, DATA SET ORGANIZATION
352	(160)	ADDRESS	4		IOBAD FOR EXCP OR RESERVED FOUNDATION EXTENSION
356	(164)	BITSTRING	1		BFTEK, BFALN, DCBE INDICATORS
357	(165)	ADDRESS	3		EODAD (END OF DATA ROUTINE ADDRESS)
360	(168)	BITSTRING	1		RECFM (RECORD FORMAT)
361	(169)	ADDRESS	3		EXLST (EXIT LIST ADDRESS) FOUNDATION BLOCK
364	(16C)	CHARACTER	8		DDNAME
372	(174)	BITSTRING	1		OFLGS (OPEN FLAGS)
373	(175)	BITSTRING	1		IFLGS (IOS FLAGS)
374	(176)	BITSTRING	2		MACR (MACRO FORMAT) BSAM-BPAM-QSAM INTERFACE
376	(178)	BITSTRING	1		OPTCD, OPTION CODES
377	(179)	ADDRESS	3		CHECK OR INTERNAL QSAM SYNCHRONIZING RTN.
380	(17C)	ADDRESS	4		SYNAD, SYNCHRONOUS ERROR RTN. (3 BYTES)
384	(180)	SIGNED	2		INTERNAL ACCESS METHOD FLAGS
386	(182)	ADDRESS	2		BLKSIZE, BLOCK SIZE
388	(184)	SIGNED	4		INTERNAL ACCESS METHOD FLAGS
392	(188)	ADDRESS	4		INTERNAL ACCESS METHOD USE BSAM-BPAM INTERFACE
396	(18C)	ADDRESS	1		NCP, MAX NUM OF OUTSTANDING READ/WRITES
397	(18D)	ADDRESS	3		EOBR, INTERNAL ACCESS METHOD USE
400	(190)	ADDRESS	4		EOBW, INTERNAL ACCESS METHOD USE
404	(194)	ADDRESS	1	(2)	FLAGS AND EITHER DIRCT OR BUFOFF
406	(196)	ADDRESS	2		LRECL
408	(198)	ADDRESS	4		CNTRL, NOTE, POINT
412	(19C)	SIGNED	4	CFDCBEXL (0)	Address of JFCB exit
416	(1A0)	BITSTRING	1	CFJFCBWK	JFCB area

Comment

Flags.

Definition of flag CFERRFLG

End of Comment

592	(250)	BITSTRING	1	CFERRFLG	Error flag
		1...		CFALOCE	"X'80'" Dynamic allocation error occurred
		.1..		CFOPENE	"X'40'" OPEN not successful
		..1.		CFBLKSE	"X'20'" Block size not divisible by eighty
		...1		CFUNALE	"X'10'" Dynamic unallocation error occurred
		.... 1...		CFMNTFER	"X'08'" Member not found error occurred
		.... .1..		CFPMFNER	"X'04'" Perm error occurred in FIND processing
		.... ..1.		CFRDJFER	"X'02'" RDJFCB error occurred
		1		CFCKPTRD	"X'01'" Error occurred when reading CKPT
592	(250)	X'FF'	0	CFERROR	"CFALOCE+CFOPENE+CFBLKSE+CFUNALE+CFMNTFER+CFPMFNER +CFRDJF"

Comment

Definition of flag CFFLAG1

End of Comment

593	(251)	BITSTRING	1	CFFLAG1	General Flag 1
		1...		CFLOGYES	"X'80'" LOG=YES was specified on *F CONFIG command
		.1..		CFLOGERR	"X'40'" LOG=ERR was specified on *F CONFIG command
		..1.		CFOPENJ	"X'20'" Issue OPEN TYPE=J request
		...1		CFADDEQ	"X'10'" ADD= was specified on the *F,CONFIG command
		.... 1...		CFLOGEQ	"X'08'" LOG= was specified on the *F,CONFIG command
		.... .1..		CFSYNERR	"X'04'" Syntax error found in the *F CONFIG command
		.... ..1.		CFLOGOPN	"X'02'" Log data set was opened
		1		CFINDDAL	"X'01'" JES3IN data set was allocated

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		Definition of flag CFFLAG2			
				End of Comment	
594	(252)	BITSTRING	1	CFFLAG2	General Flag 2
		1...		CFPARMEQ	"X'80'" P=string was specified on the *F,CONFIG command
		.1..		CFINDTLD	"X'40'" IATINDT was loaded
		..1.		CFINRNLD	"X'20'" IATINRN was loaded
		...1		CFUX15LD	"X'10'" IATUX15 was loaded
		.... 1...		CFCMTWAC	"X'08'" Write access to the configuration was obtained during commit processing
		.... .1..		CFCMTERR	"X'04'" An error occurred during commit processing
		.... ..1.		CFCMTCOM	"X'02'" Commit processing complete
		1		CFITXCLN	"X'01'" Intermediate text cleanup processing was performed
				Comment	
		Definition of flag CFFLAG3			
				End of Comment	
595	(253)	BITSTRING	1	CFFLAG3	General Flag 3
		1...		CFINPINT	"X'80'" Initialization stream input initialization was performed
		.1..		CFLGSPUN	"X'40'" The log was spun off at the end of initialization statement processing
		..1.		CFIDVSLD	"X'20'" IATINDVS was loaded
				Comment	
		Definition of flag CFFLAG4			
				End of Comment	
596	(254)	BITSTRING	1	CFFLAG4	General Flag 4
				Comment	
		Definition of flag CFSEVFLG. This flag is copied from INITFLG1 in IATYINT at the end of table build processing. It is used to determine what types of errors occurred during F,CONFIG processing after the INT has been deleted.			
				End of Comment	
597	(255)	BITSTRING	1	CFSEVFLG	Severity flag
				Comment	
		JESTAE flag			
				End of Comment	
598	(256)	BITSTRING	1	CFJESTFL	JESTAE flag byte
		1...		CFJESENT	"X'80'" JESTAE exit entered

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					Log data set information.
					MRF and JOBTAT FDB's.
					End of Comment
599	(257)	BITSTRING	32	CFLOGFDB	Log data set FDB
631	(277)	BITSTRING	32	CFLOGSPN	Log data set FDB that is used when the log is being spun off prior to the *F,CONFIG command completing
663	(297)	BITSTRING	28	CFTATFDB	JOBTAT FDB
691	(2B3)	BITSTRING	1	CFTATSPN	JOBTAT FDB that is used when the log is being spun off prior to the *F,CONFIG command completing
					Comment
					Line and byte counters.
					End of Comment
720	(2D0)	SIGNED	4	CFLINECT	Line count of the log data set
724	(2D4)	SIGNED	4	CFSPLNCT	Line count after statement processing
728	(2D8)	SIGNED	4	CFBYTECT	Byte count of the log data set
					Comment
					The following three DC's have to be contiguous. These three fields are used for the DDNAME in the JDS for spinoff the log data set.
					End of Comment
732	(2DC)	CHARACTER	8	CFLOGDD	DDNAME for JDS entry
740	(2E4)	CHARACTER	8		
748	(2EC)	CHARACTER	8		
					Comment
					Function codes for log services.
					End of Comment
748	(2EC)	X'0'	0	CFLSOPEN	"0" Open the log
748	(2EC)	X'4'	0	CFLSISPN	"4" Intermediate spinoff request
748	(2EC)	X'8'	0	CFLSFSPN	"8" Final spinoff request
748	(2EC)	X'C'	0	CFLSPURG	"12" Purge request
					Comment
					The following points to the table of initialization statements that are supported via dynamic change.
					End of Comment
756	(2F4)	ADDRESS	4	CFINITAB	*F,CONFIG Initialization Statement Table

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
					Register save areas
				End of Comment	
760	(2F8)	SIGNED	4	CFREGS (16)	Save area for regs 0 - 15
824	(338)	SIGNED	4	CFAP14SV	Register 14 save area for subtask appendages
828	(33C)	SIGNED	4	CFAP15SV	Return code from subtask appendage (R15)
828	(33C)	X'33E'	0	CFAP15EM	"CFAP15SV+2,2" 3rd and 4th bytes of R.C. for error message
				Comment	
					Parameter Lists.

					MESSAGE Parameter List.

					FMSGPRM MESSAGE MF=L MESSAGE Parameter List
					$RX=OS280 HJS6608 981217 PD0DR: OS 2.8.0
				End of Comment	
832	(340)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
832	(340)	ADDRESS	4	CFMSGPRM	Text Address
836	(344)	BITSTRING	2		Destination Disp and Mask
838	(346)	BITSTRING	1		Flags and Priority
839	(347)	ADDRESS	1		Options Flag
840	(348)	BITSTRING	2		Descriptor Codes
842	(34A)	SIGNED	2		Reserved 2 Bytes
844	(34C)	BITSTRING	17		Routing Codes
861	(35D)	BITSTRING	1	(3)	Reserved
864	(360)	BITSTRING	1	(8)	Jobid
872	(368)	BITSTRING	1	(8)	Jobname
880	(370)	BITSTRING	1	(8)	Key
888	(378)	ADDRESS	4		CNDB Address 1
892	(37C)	ADDRESS	4		CNDB Address 2
896	(380)	ADDRESS	4		CNDB Address 3
900	(384)	ADDRESS	4		CNDB Address 4
904	(388)	ADDRESS	4		CNDB Address 5
908	(38C)	ADDRESS	4		MLWO Address
				Comment	

					WTOR Parameter List.

					CFWWTOR WTOR TEXT=(,,,), WTOR Parameter List X
				End of Comment	
912	(390)	SIGNED	4	CFWWTOR (0)	
912	(390)	ADDRESS	2		TEXT LENGTH
914	(392)	BITSTRING	2		MCSFLAGS
916	(394)	ADDRESS	4		MESSAGE TEXT ADDRESS
920	(398)	ADDRESS	1		VERSION LEVEL
921	(399)	BITSTRING	1		MISCELLANEOUS FLAGS
922	(39A)	ADDRESS	1		REPLY LENGTH
923	(39B)	ADDRESS	1		LENGTH OF WPX
924	(39C)	BITSTRING	2		EXTENDED MCS FLAGS
926	(39E)	ADDRESS	2		RESERVED
928	(3A0)	ADDRESS	4		REPLY BUFFER ADDRESS
932	(3A4)	ADDRESS	4		REPLY ECB ADDRESS
936	(3A8)	ADDRESS	4		CONNECT ID
940	(3AC)	BITSTRING	2		DESCRIPTOR CODES
942	(3AE)	ADDRESS	2		RESERVED
944	(3B0)	BITSTRING	16		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
960	(3C0)	BITSTRING	2		MESSAGE TYPE
962	(3C2)	ADDRESS	2		MESSAGE'S PRIORITY
964	(3C4)	CHARACTER	8		JOB ID
972	(3CC)	CHARACTER	8		JOB NAME
980	(3D4)	CHARACTER	8		RETRIEVAL KEY
988	(3DC)	ADDRESS	4		TOKEN FOR DOM
992	(3E0)	ADDRESS	4		CONSOLE ID
996	(3E4)	CHARACTER	8		SYSTEM NAME
1004	(3EC)	CHARACTER	8		CONSOLE NAME
1012	(3F4)	ADDRESS	4		REPLY CONSOLE NAME/ID ADDR
1016	(3F8)	ADDRESS	4		CART ADDRESS
1020	(3FC)	ADDRESS	4		WSPARM ADDRESS

Comment

```
-----------------------------------------------------------
      Common OPEN/CLOSE parameter list
-----------------------------------------------------------
```

End of Comment

1024	(400)	SIGNED	4	CFOPCLLS (0)	

Comment

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

End of Comment

1024	(400)	SIGNED	4	(0)	ALIGN LIST TO FULLWORD
1024	(400)	ADDRESS	1		OPTION BYTE
1025	(401)	ADDRESS	3		DCB ADDRESS

Comment

```
-----------------------------------------------------------
      RDJFCB Parameter List
-----------------------------------------------------------
```

End of Comment

1028	(404)	SIGNED	4	CFJFCBLS (0)	

Comment

RDJFCB (,),MF=L RDJFCB parameter list

End of Comment

1028	(404)	SIGNED	4	(0)	ALIGN LIST TO FULLWORD
1028	(404)	ADDRESS	1		OPTION BYTE
1029	(405)	ADDRESS	3		DCB ADDRESS

Comment

```
-----------------------------------------------------------
      IATXCNDB parameter list
-----------------------------------------------------------
```

IATXCNDB MF=(L,CFCNDBLS) IATXCNDB macro LIST form
MACDATE -94/10/04-<3>

End of Comment

0	(0)	X'408'	0	M00M0015	"CFCNDBLS" ++ IATXCNDB NAME
1032	(408)	DBL WORD	8	CFCNDBLS (0)	++ IATXCNDB PARM LIST
1032	(408)	BITSTRING	1	CFCNDBLS_XVERSION	++ INPUT XVERSION
1033	(409)	CHARACTER	6	CFCNDBLS_XEYECATCH	++ CONSTANT XEYECATCH

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
1039	(40F)	BITSTRING	2	CFCNDBLS_XFLAG1	++ FIELD_LABEL
1039	(40F)	BITSTRING	0	CFCNDBLS_XOPERATION_INITIALIZE	"B'1000000000000000'" ++ XOPERATION.INITIALIZE KEYWORD
1039	(40F)	BITSTRING	0	CFCNDBLS_XOPERATION_TRANSFER	"B'0100000000000000'" ++ XOPERATION.TRANSFER KEYWORD
1039	(40F)	BITSTRING	0	CFCNDBLS_XOPERATION_UPDATE	"B'0010000000000000'" ++ XOPERATION.UPDATE KEYWORD
1039	(40F)	BITSTRING	0	CFCNDBLS_XOPERATION_RESET	"B'0001000000000000'" ++ XOPERATION.RESET KEYWORD
1039	(40F)	BITSTRING	0	CFCNDBLS_XOPERATION_VERIFY	"B'0000100000000000'" ++ XOPERATION.VERIFY KEYWORD
1039	(40F)	BITSTRING	0	CFCNDBLS_XOPERATION_TRANSCONSID	"B'0000010000000000'" ++ XOPERATION.TRANSCONSID KEYWORD
1039	(40F)	BITSTRING	0	CFCNDBLS_XOPERATION_TRANSROUT	"B'0000001000000000'" ++ XOPERATION.TRANSROUT KEYWORD
1039	(40F)	BITSTRING	0	CFCNDBLS_XOPERATION_EXTRACTCONSID	"B'0000000100000000'" ++ XOPERATION.EXTRACTCONSID KEYWORD
		1...		CFCNDBLS_XOPERATION_EXTRACTCONSNAME	"B'0000000010000000'" ++ XOPERATION.EXTRACTCONSNAME KEYWOR
		.1..		CFCNDBLS_XOPERATION_EXTRACTCONSTYPE	"B'0000000001000000'" ++ XOPERATION.EXTRACTCONSTYPE KEYWOR
		..1.		CFCNDBLS_XOPERATION_EXTRACTROUT	"B'0000000000100000'" ++ XOPERATION.EXTRACTROUT KEYWORD
		...1		CFCNDBLS_XOPERATION_EXTRACTCART	"B'0000000000010000'" ++ XOPERATION.EXTRACTCART KEYWORD
1041	(411)	BITSTRING	1	CFCNDBLS_XABEND	++ INPUT
		1...		CFCNDBLS_XABEND_YES	"B'10000000'" ++ XABEND.YES KEYWORD
		.1..		CFCNDBLS_XABEND_NO	"B'01000000'" ++ XABEND.NO KEYWORD
1042	(412)	BITSTRING	1	CFCNDBLS_XUSERADDR	++ FIELD_LABEL XUSERADDR
1043	(413)	CHARACTER	1	CFCNDBLS_XRSV001	++ RESERVED XRSV001
1044	(414)	ADDRESS	4	CFCNDBLS_XCNDB	++ XCNDB
1048	(418)	ADDRESS	4	CFCNDBLS_XOUTCNDB	++ XOUTCNDB
1052	(41C)	ADDRESS	4	CFCNDBLS_XINCNDB	++ XINCNDB
1056	(420)	ADDRESS	4	CFCNDBLS_XCONSNM	++ XCONSNM
1060	(424)	ADDRESS	4	CFCNDBLS_XCONSID	++ XCONSID
1064	(428)	ADDRESS	4	CFCNDBLS_XOUTCONSID	++ XOUTCONSID
1068	(42C)	CHARACTER	2	CFCNDBLS_XRSV002	++ RESERVED XRSV002
1070	(42E)	BITSTRING	1	CFCNDBLS_XFLAG2	++ FIELD_LABEL
		1...		CFCNDBLS_XCMDIND_YES	"B'10000000'" ++ XCMDIND.YES KEYWORD
		.1..		CFCNDBLS_XCMDIND_NO	

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					"B'01000000'" ++ XCMDIND.NO KEYWORD
1071	(42F)	BITSTRING	1	CFCNDBLS_XKEYS	
					++ FIELD_LABEL
		1...		CFCNDBLS_KEYUSED_CMDIND	
					"B'10000000'" ++ KEYUSED.CMDIND KEYWORD
1072	(430)	ADDRESS	4	CFCNDBLS_XROUT	
					++ XROUT
1076	(434)	ADDRESS	4	CFCNDBLS_XCART	
					++ XCART
1080	(438)	ADDRESS	4	CFCNDBLS_XOUTCONSNAME	
					++ XOUTCONSNAME
1084	(43C)	ADDRESS	4	CFCNDBLS_XOUTCONSTYPE	
					++ XOUTCONSTYPE
1088	(440)	ADDRESS	4	CFCNDBLS_XOUTROUT	
					++ XOUTROUT
1092	(444)	ADDRESS	4	CFCNDBLS_XOUTCART	
					++ XOUTCART
1092	(444)	X'40'	0	CFCNDBLSL	"*-CFCNDBLS" ++ LENGTH OF PLIST

Comment

```
                              IATXCNDB-3
-------------------------------------------------------------
      IATXCPYF parameter list
-------------------------------------------------------------
CFXCPYF IATXCPYF MF=L IATXCPYF macro LIST form
    $RW= WLMBATCH HJS6608 980806 PD0DR: OS 2.8.0
      IATXCPYF MF=L IATXCPYF List Form
```

End of Comment

1096	(448)	SIGNED	4	CFXCPYF (0)	IATXCPYF List Form
1096	(448)	ADDRESS	4		Source (FROM) FDB address
1100	(44C)	ADDRESS	4		Target (TO) FDB address
1104	(450)	ADDRESS	4		TAT FDB address
1108	(454)	SIGNED	2		Key length
1110	(456)	BITSTRING	8		Key value
1118	(45E)	ADDRESS	2		Key offset
1120	(460)	ADDRESS	4		Record exclusion list address
1124	(464)	ADDRESS	4	(3)	Reserved for development

Comment

```
      Messages.
-------------------------------------------------------------
      Message IAT3013
-------------------------------------------------------------
```

End of Comment

1136	(470)	SIGNED	4	IAT3013 (0)	
1136	(470)	ADDRESS	2		TEXT LENGTH
1138	(472)	BITSTRING	2		MCSFLAGS
1140	(474)	CHARACTER	22		
1162	(48A)	ADDRESS	1		VERSION LEVEL
1163	(48B)	BITSTRING	1		MISCELLANEOUS FLAGS
1164	(48C)	ADDRESS	1		REPLY LENGTH
1165	(48D)	ADDRESS	1		LENGTH OF WPX
1166	(48E)	BITSTRING	2		EXTENDED MCS FLAGS
1168	(490)	ADDRESS	2		RESERVED
1170	(492)	ADDRESS	4		REPLY BUFFER ADDRESS
1174	(496)	ADDRESS	4		REPLY ECB ADDRESS
1178	(49A)	ADDRESS	4		CONNECT ID
1182	(49E)	BITSTRING	2		DESCRIPTOR CODES
1184	(4A0)	ADDRESS	2		RESERVED
1186	(4A2)	BITSTRING	16		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1202	(4B2)	BITSTRING	2		MESSAGE TYPE
1204	(4B4)	ADDRESS	2		MESSAGE'S PRIORITY
1206	(4B6)	CHARACTER	8		JOB ID
1214	(4BE)	CHARACTER	8		JOB NAME
1222	(4C6)	CHARACTER	8		RETRIEVAL KEY
1230	(4CE)	ADDRESS	4		TOKEN FOR DOM
1234	(4D2)	ADDRESS	4		CONSOLE ID
1238	(4D6)	CHARACTER	8		SYSTEM NAME
1246	(4DE)	CHARACTER	8		CONSOLE NAME
1254	(4E6)	ADDRESS	4		REPLY CONSOLE NAME/ID ADDR
1258	(4EA)	ADDRESS	4		CART ADDRESS
1262	(4EE)	ADDRESS	4		WSPARM ADDRESS

Comment

Message IAT8053

End of Comment

1266	(4F2)	ADDRESS	1	IAT8053	
1267	(4F3)	CHARACTER	24		
1291	(50B)	CHARACTER	8	IAT8053K	Invalid keyword
1291	(50B)	X'513'	0	END8053	"*"

Comment

Message IAT8067

End of Comment

1299	(513)	ADDRESS	1	IAT8067	
1300	(514)	CHARACTER	8		
1308	(51C)	CHARACTER	8	KEYW8067	Duplicate keyword
1316	(524)	CHARACTER	23		
1316	(524)	X'53B'	0	END8067	"*"

Comment

Message IAT8069

End of Comment

1339	(53B)	ADDRESS	1	IAT8069	
1340	(53C)	CHARACTER	31		
1371	(55B)	CHARACTER	22		
1371	(55B)	X'571'	0	END8069	"*"

Comment

Message IAT8077

End of Comment

1393	(571)	ADDRESS	1	IAT8077	
1394	(572)	CHARACTER	26		
1420	(58C)	CHARACTER	8	IAT8077P	Invalid parameter
1420	(58C)	X'594'	0	END8077	"*"

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- Message IAT8335 ----------	
				End of Comment	
1428	(594)	ADDRESS	1	IAT8335	
1429	(595)	CHARACTER	15		Message IAT8335
1444	(5A4)	CHARACTER	8	MEMB8335	Member name
1452	(5AC)	CHARACTER	14		
1466	(5BA)	CHARACTER	44	DSNN8335	DSNAME
1466	(5BA)	X'5E6'	0	END8335	"*" End of message
				Comment	
				---------- Message IAT8336 ----------	
				End of Comment	
1510	(5E6)	ADDRESS	1	IAT8336	Message IAT8336
1511	(5E7)	CHARACTER	43		
1554	(612)	CHARACTER	8	MEMB8336	Member name
1554	(612)	X'61A'	0	END8336	"*" End of message
				Comment	
				---------- Message IAT8337 (without LOG option). ----------	
				End of Comment	
1562	(61A)	ADDRESS	2	IAT8337N	
1564	(61C)	CHARACTER	36		
1600	(640)	CHARACTER	23		
1600	(640)	X'657'	0	END8337N	"*" End of message
				Comment	
				---------- Message IAT8337 (with LOG option). ----------	
				End of Comment	
1624	(658)	ADDRESS	2	IAT8337L	
1626	(65A)	CHARACTER	36		
1662	(67E)	CHARACTER	29		
1662	(67E)	X'69B'	0	END8337L	"*" End of message
				Comment	
				---------- Message IAT8338 ----------	
				End of Comment	
1691	(69B)	ADDRESS	1	IAT8338	
1692	(69C)	CHARACTER	41		
1733	(6C5)	CHARACTER	8	DDNM8338	JES3IN DDNAME
1741	(6CD)	CHARACTER	9		
1750	(6D6)	CHARACTER	44	DSNM8338	JES3IN dataset name
1750	(6D6)	X'702'	0	END8338	"*"

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				Message IAT8339	
				End of Comment	
1794	(702)	ADDRESS	1	IAT8339	Message IAT8339
1795	(703)	CHARACTER	43		
1838	(72E)	CHARACTER	1	DDNM8339	JES3IN DDNAME
1838	(72E)	X'736'	0	END8339	"*" End of message
				Comment	
				Message IAT8340	
				End of Comment	
1846	(736)	BITSTRING	1	IAT8340 (0)	Message IAT8340
1846	(736)	ADDRESS	1	LBYT8340	Length of message text
1847	(737)	CHARACTER	12		
1859	(743)	CHARACTER	4	R158340	Register 15
1863	(747)	CHARACTER	8		
1871	(74F)	CHARACTER	4	ERRR8340	Error code from request block
1875	(753)	CHARACTER	7		
1882	(75A)	CHARACTER	4	INFO8340	INFO code from request block
1882	(75A)	X'75E'	0	END8340	"*" End of message
				Comment	
				Message IAT8341	
				End of Comment	
1886	(75E)	ADDRESS	1	IAT8341	Message IAT8341
1887	(75F)	CHARACTER	38		
1925	(785)	CHARACTER	8		
1933	(78D)	CHARACTER	8	DDNM8341	JES3IN DDNAME
1941	(795)	CHARACTER	6		
1947	(79B)	CHARACTER	4	RCOD8341	Return code
1947	(79B)	X'79F'	0	END8341	"*" End of message
				Comment	
				Message IAT8342	
				End of Comment	
1951	(79F)	ADDRESS	1	IAT8342	Message IAT8342
1952	(7A0)	CHARACTER	43		
1952	(7A0)	X'7CB'	0	END8342	"*" End of message
				Comment	
				Message IAT8343	
				End of Comment	
1995	(7CB)	ADDRESS	1	IAT8343	Message IAT8343

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1996	(7CC)	CHARACTER	31		
1996	(7CC)	X'7EB'	0	END8343	"*" End of message

Comment

```
-----------------------------------------------------------
     Message IAT8344
-----------------------------------------------------------
```

End of Comment

2028	(7EC)	ADDRESS	2	IAT8344 (2)	
2036	(7F4)	CHARACTER	45		
2081	(821)	CHARACTER	21		
2081	(821)	X'836'	0	END8344	"*"

Comment

```
-----------------------------------------------------------
     Message IAT8345
-----------------------------------------------------------
```

End of Comment

2102	(836)	ADDRESS	1	IAT8345	
2103	(837)	CHARACTER	33		
2136	(858)	CHARACTER	8	PARM8345	Missing parameter
2136	(858)	X'860'	0	END8345	"*"

Comment

```
-----------------------------------------------------------
     Message IAT8346
-----------------------------------------------------------
```

End of Comment

2144	(860)	ADDRESS	2	IAT8346 (2)	
2152	(868)	CHARACTER	19		
2171	(87B)	CHARACTER	16	STMT8346	
2187	(88B)	CHARACTER	23		
2187	(88B)	X'8A2'	0	END8346	"*"

Comment

```
-----------------------------------------------------------
     Message IAT8348
-----------------------------------------------------------
```

End of Comment

2210	(8A2)	ADDRESS	2	IAT8348 (2)	
2218	(8AA)	CHARACTER	9		
2227	(8B3)	CHARACTER	8	ERR8348	
2235	(8BB)	CHARACTER	25		
2260	(8D4)	CHARACTER	42		
2260	(8D4)	X'8FE'	0	END8348	"*"
2302	(8FE)	CHARACTER	8	ERRFAIL	
2310	(906)	CHARACTER	8	ERRWARN	

Comment

```
-----------------------------------------------------------
     Message IAT8349
-----------------------------------------------------------
```

End of Comment

2318	(90E)	ADDRESS	1	IAT8349	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
2319	(90F)	CHARACTER	14		
2333	(91D)	CHARACTER	4	RWTX8349	"READ" or "WRIT"
2337	(921)	CHARACTER	46		
2383	(94F)	CHARACTER	3		
2386	(952)	CHARACTER	2	RC8349	
2386	(952)	X'954'	0	END8349	"*"

Comment

Message IAT8350

End of Comment

2388	(954)	ADDRESS	1	IAT8350	
2389	(955)	CHARACTER	38		
2427	(97B)	CHARACTER	11		
2438	(986)	CHARACTER	16	RESL8350	Final results
2438	(986)	X'996'	0	END8350	"*"
2454	(996)	CHARACTER	16	NOER8350	
2470	(9A6)	CHARACTER	16	WARN8350	
2486	(9B6)	CHARACTER	1	ERR8350	

Comment

Message IAT8351 - Date and Time

End of Comment

2502	(9C6)	ADDRESS	2	IAT8351A (2)	
2510	(9CE)	CHARACTER	1		
2511	(9CF)	CHARACTER	23		
2534	(9E6)	CHARACTER	8		
2542	(9EE)	BITSTRING	9	DAT8351A	EDIT pattern for date
2551	(9F7)	CHARACTER	8		
2559	(9FF)	BITSTRING	9	TIM8351A	EDIT pattern for time
2559	(9FF)	X'A08'	0	END8351A	"*"

Comment

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

End of Comment

2568	(A08)	ADDRESS	2	IAT8351B (2)	
2576	(A10)	CHARACTER	1		
2577	(A11)	CHARACTER	14		
2591	(A1F)	CHARACTER	44	DSN8351B	Data set name
2635	(A4B)	CHARACTER	11		
2646	(A56)	CHARACTER	8	MEM8351B	Member name
2654	(A5E)	CHARACTER	10		
2664	(A68)	CHARACTER	8	PRM8351B	Parm string
2664	(A68)	X'A70'	0	END8351B	"*"

Comment

End of IATYCFW.

End of Comment

2672	(A70)	SIGNED	4	CFWKEND (0)	End of work area
2672	(A70)	X'A70'	0	CFWKLEN	"CFWKEND-IATMOCW" Length of work area

IATYCFW Cross Reference

Name	Hex Offset	Hex Value
CFADDEQ	251	10
CFALOCE	250	80
CFAP14SV	338	0
CFAP15EM	33C	33E
CFAP15SV	33C	0
CFBLKSE	250	20
CFBYTECT	2D8	0
CFCFGEP	AC	
CFCFGTKN	A8	0
CFCKPTRD	250	1
CFCMDATE	A0	0
CFCMTCOM	252	2
CFCMTERR	252	4
CFCMTIME	A4	0
CFCMTWAC	252	8
CFCNDB	64	
CFCNDBLS	408	
CFCNDBLS_KEYUSED_CMDIND	42F	80
CFCNDBLS_XABEND	411	
CFCNDBLS_XABEND_NO	411	40
CFCNDBLS_XABEND_YES	411	80
CFCNDBLS_XCART	434	
CFCNDBLS_XCMDIND_NO	42E	40
CFCNDBLS_XCMDIND_YES	42E	80
CFCNDBLS_XCNDB	414	
CFCNDBLS_XCONSID	424	
CFCNDBLS_XCONSNM	420	
CFCNDBLS_XEYECATCH	409	
CFCNDBLS_XFLAG1	40F	
CFCNDBLS_XFLAG2	42E	
CFCNDBLS_XINCNDB	41C	
CFCNDBLS_XKEYS	42F	
CFCNDBLS_XOPERATION_EXTRACTCART	0	10
CFCNDBLS_XOPERATION_EXTRACTCONSID	40F	100
CFCNDBLS_XOPERATION_EXTRACTCONSNAME	40F	80
CFCNDBLS_XOPERATION_EXTRACTCONSTYPE	0	40
CFCNDBLS_XOPERATION_EXTRACTROUT	0	20
CFCNDBLS_XOPERATION_INITIALIZE	40F	8000
CFCNDBLS_XOPERATION_RESET	40F	1000
CFCNDBLS_XOPERATION_TRANSCONSID	40F	400
CFCNDBLS_XOPERATION_TRANSFER	40F	4000
CFCNDBLS_XOPERATION_TRANSROUT	40F	200
CFCNDBLS_XOPERATION_UPDATE	40F	2000
CFCNDBLS_XOPERATION_VERIFY	40F	800
CFCNDBLS_XOUTCART	444	
CFCNDBLS_XOUTCNDB	418	
CFCNDBLS_XOUTCONSID	428	
CFCNDBLS_XOUTCONSNAME	438	
CFCNDBLS_XOUTCONSTYPE	43C	
CFCNDBLS_XOUTROUT	440	
CFCNDBLS_XROUT	430	
CFCNDBLS_XRSV001	413	
CFCNDBLS_XRSV002	42C	
CFCNDBLS_XUSERADDR	412	
CFCNDBLS_XVERSION	408	
CFCNDBLSL	444	40
CFDCB	144	
CFDCBEXL	19C	870001A0
CFDDNAME	24	D1C5E2F3
CFDSNAME	38	40404040
CFDYNLRB	D0	0
CFDYRBPT	CC	
CFERRFLG	250	0
CFERROR	250	FF
CFFLAG1	251	0
CFFLAG2	252	0
CFFLAG3	253	0
CFFLAG4	254	0
CFICPAD	B0	
CFIDVSJD	8C	
CFIDVSLD	253	20
CFINDDAL	251	1
CFINDTAD	90	
CFINDTJD	80	
CFINDTLD	252	40
CFINITAB	2F4	
CFINPINT	253	80
CFINRNJD	84	
CFINRNLD	252	20
CFITXCLN	252	1
CFJESENT	256	80
CFJESTFL	256	0
CFJFCBLS	404	
CFJFCBWK	1A0	0
CFLGSPUN	253	40
CFLINECT	2D0	0
CFLOGDD	2DC	D4D6C4C9
CFLOGEQ	251	8

Name	Hex Offset	Hex Value
CFLOGERR	251	40
CFLOGFDB	257	0
CFLOGOPN	251	2
CFLOGSPN	277	0
CFLOGYES	251	80
CFLSFSPN	2EC	8
CFLSISPN	2EC	4
CFLSOPEN	2EC	0
CFLSPURG	2EC	C
CFMCMPL	B4	0
CFMEMBER	30	40404040
CFMNTFER	250	8
CFMOCWJD	7C	
CFMSGPRM	340	
CFOPCLLS	400	
CFOPENE	250	40
CFOPENJ	251	20
CFOREPLY	70	40404040
CFPARMEQ	252	80
CFPMFNER	250	4
CFRDJFER	250	2
CFREGS	2F8	0
CFSEVFLG	255	0
CFSPLNCT	2D4	0
CFSYNERR	251	4
CFTATFDB	297	0
CFTATSPN	2B3	0
CFTUDDNM	F4	
CFTUDSNM	102	
CFTUDSST	134	
CFTUNDSP	13B	
CFTUPTR1	E4	0
CFTUPTR2	E8	0
CFTUPTR3	EC	0
CFTUPTR4	F0	0
CFUNALE	250	10
CFUXPARM	96	40404040
CFUXPLEN	94	0
CFUX15JD	88	
CFUX15LD	252	10
CFWKEND	A70	
CFWKID	0	C9C1E3D4
CFWKLEN	A70	A70
CFWTOCON	68	
CFWTOECB	6C	
CFWWTOR	390	
CFXCPYF	448	
DAT8351A	9EE	40212020
DDNM8338	6C5	40404040
DDNM8339	72E	40404040
DDNM8341	78D	40404040
DSNM8338	6D6	40404040
DSNN8335	5BA	40404040
DSN8351B	A1F	40404040
END8053	50B	513
END8067	524	53B
END8069	55B	571
END8077	58C	594
END8335	5BA	5E6
END8336	612	61A
END8337L	67E	69B
END8337N	640	657
END8338	6D6	702
END8339	72E	736
END8340	75A	75E
END8341	79B	79F
END8342	7A0	7CB
END8343	7CC	7EB
END8344	821	836
END8345	858	860
END8346	88B	8A2
END8348	8D4	8FE
END8349	952	954
END8350	986	996
END8351A	9FF	A08
END8351B	A68	A70
ERRFAIL	8FE	C5D9D9D6
ERRR8340	74F	40404040
ERRWARN	906	E6C1D9D5
ERR8348	8B3	40404040
ERR8350	9B6	C5D9D9D6
IATMOCW	0	
IAT3013	470	
IAT8053	4F2	
IAT8053K	50B	40404040
IAT8067	513	
IAT8069	53B	
IAT8077	571	
IAT8077P	58C	40404040
IAT8335	594	
IAT8336	5E6	
IAT8337L	658	41
IAT8337N	61A	3B
IAT8338	69B	
IAT8339	702	
IAT8340	736	
IAT8341	75E	
IAT8342	79F	
IAT8343	7CB	
IAT8344	7EC	4A0000
IAT8345	836	
IAT8346	860	420000
IAT8348	8A2	5C0000
IAT8349	90E	
IAT8350	954	
IAT8351A	9C6	420000
IAT8351B	A08	680000
INFO8340	75A	40404040
KEYW8067	51C	40404040
LBYT8340	736	
MEMB8335	5A4	40404040
MEMB8336	612	40404040
MEM8351B	A56	40404040
M00M0015	0	408
NOER8350	996	D5D640C5
PARM8345	858	40404040
PRM8351B	A68	40404040
RCOD8341	79B	40404040
RC8349	952	4040
RESL8350	986	40404040
RWTX8349	91D	E7E7E7E7
R158340	743	40404040
STMT8346	87B	40404040
TIM8351A	9FF	4021204B
WARN8350	9A6	E6C1D9D5

IATYCNB Heading Information

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

IATYCNB Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	CONBUFCB	
0	(0)	SIGNED	4	CONBACTQ	- POINTER TO ACTIVE ACTION QUEUE
4	(4)	SIGNED	4	CONBPRI	- NUM. BUFFERS-CBCP PRIMARY EXTENT
8	(8)	SIGNED	4	CONBSEC	- NUM. BUFFERS-CBCP SECONDARY EXTENT
12	(C)	SIGNED	4	GRQCR15	- IF DM135 HAS OCCURRED, CONTENT IS THE RETURN CODE FROM IATGRQC. OTHERWISE, THE CONTENT IS NOT PREDICTABLE.
16	(10)	SIGNED	2	CONBCSIZ	- CELL SIZE-CBCP
18	(12)	SIGNED	2	CONBEXM	- MAX SECONDARY EXTENTS DEFINED-CBCP
20	(14)	BITSTRING	1	CONBFLG1	- BUFFER PROCESSING STATUS FLAGS

Comment

EQU X'80' - Reserved for development

End of Comment

		.1..		CONBDDOM	"X'40'" - IATCNJS JESTAE ROUTINE FOUND BAD DOM #064
		..1.		CONBF1C	"X'20'" - RESERVED
		...1		CONBF1D	"X'10'" - RESERVED
		.... 1...		CONBF1E	"X'08'" - RESERVED
		.... .1..		CONBF1F	"X'04'" - RESERVED
		.... ..1.		CONBF1G	"X'02'" - RESERVED
		1		CONBF1H	"X'01'" - RESERVED
21	(15)	BITSTRING	1	CONBFLG2	- CELL/STORAGE SHORTAGE INDICATOR
		1...		CONBF2A	"X'80'" - SHORTAGE IN CONSOLE BUFFER CELL POOL
		.1..		CONBF2B	"X'40'" - SHORTAGE IN CNWO WORK AREA CELL POOL
		..1.		CONBR220	"X'20'" - RESERVED
		...1		CONBR210	"X'10'" - RESERVED
		.... 1...		CONBR208	"X'08'" - RESERVED
		.... .1..		CONBR204	"X'04'" - RESERVED
		.... ..1.		CONBR202	"X'02'" - RESERVED
		1		CONBR201	"X'01'" - RESERVED
21	(15)	X'C0'	0	CNBSHORT	"CONBF2A+CONBF2B" CELL POOL SHORTAGE FLAGS 8

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

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

				End of Comment	
24	(18)	SIGNED	4	CONBCPA	- VECTOR-CONSOLE BUFFER CELL POOL
28	(1C)	SIGNED	4	CONBMAX	- MAX CONSOLE BUFFERS IN USE-CBCP
32	(20)	SIGNED	4	CONBMXR	- MAX RESERVED CONSOLE BUFFERS IN USE-CBCP
36	(24)	SIGNED	2	CONBTOTL	- MAX SECONDARY EXTENTS IN USE-CBCP
38	(26)	BITSTRING	1	CONBECF	- AWAIT ECF FOR TEXT BUFFER CELLS
39	(27)	BITSTRING	1	CONBRSV1	- PAD TO FULLWORD BOUNDARY 14
				Comment	

```
        ENTRY FOR IATCNWO WORK AREA
```

				End of Comment	
40	(28)	SIGNED	4	CONWOWK	- CELL POOL FOR IATCNWO WORK AREA
44	(2C)	SIGNED	4	CONWOMAX	- MAX NUMBER OF CELLS IN USE
48	(30)	SIGNED	4	CONWOMXR	- MAX RESERVED CELLS IN USE
52	(34)	SIGNED	2	CONWOTOT	- MAXIMUM EXTENTS IN USE
54	(36)	BITSTRING	1	CONWOECF	- ECF FOR AWAIT
55	(37)	BITSTRING	1	CONWRSV2	- PAD TO FULLWORD BOUNDARY 16
56	(38)	BITSTRING	1	CBCBEND (0)	- END OF CONSOLE BUFFER CONTROL BLOCK
56	(38)	X'38'	0	CBCBSIZE	"CBCBEND-CONBUFCB" - SIZE OF BUFFER CONTROL BLOCK

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

```
-----------------------------------------------------------------
        BIT DEFINITIONS FOR THE CELL WAIT ECF
-----------------------------------------------------------------
```

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

IATYCNB Cross Reference

Name	Hex Offset	Hex Value
CBCBEND	38	
CBCBSIZE	38	38
CELLAV	E	40
CELLAVNX	E	20
CNBSHORT	15	C0
CONBACTQ	0	
CONBCPA	18	
CONBCSIZ	10	
CONBDDOM	14	40
CONBECF	26	
CONBEXM	12	
CONBFLG1	14	
CONBFLG2	15	
CONBF1C	14	20
CONBF1D	14	10
CONBF1E	14	8
CONBF1F	14	4
CONBF1G	14	2
CONBF1H	14	1
CONBF2A	15	80
CONBF2B	15	40
CONBMAX	1C	
CONBMXR	20	
CONBPRI	4	
CONBRSV1	27	
CONBR201	15	1
CONBR202	15	2
CONBR204	15	4
CONBR208	15	8
CONBR210	15	10
CONBR220	15	20
CONBSEC	8	
CONBTOTL	24	
CONBUFCB	0	
CONBVAD	0	
CONBVECF	E	
CONBVEND	10	
CONBVMC	4	
CONBVME	C	
CONBVMR	8	
CONBVPAD	F	
CONBVSIZ	10	10
CONBVTAB	0	
CONWOECF	36	
CONWOMAX	2C	
CONWOMXR	30	
CONWOTOT	34	
CONWOWK	28	
CONWRSV2	37	
GRQCR15	C	

IATYCNC Programming Interface information

Programming Interface information

IATYCNC

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

- CNCCNCV
- CNCMSAPR
- CNCMSTAR
- CNINADDR
- CNSVRQ
- CNSVSAPR
- CNSVSTAR
- CONHEX
- LCLCALL
- MRCELLGT
- MRCELLPT

End of Programming Interface information

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IATYCNC Heading Information

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

IATYCNC Map

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

Comment

```
IATYMOD BR=NO MODULE IDENTIFICATION
        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 13
36	(24)	BITSTRING	1	CMF	- CONSOLE MASTER FLAG
		.... 1...		CONAFAIL	"X'08'" - Indicates DSP message appendage abended

Comment

```
-----------------------------------------------------------------
      FLAG USED BY IATCNIN FOR MESSAGE ( Z) PROCESSING
-----------------------------------------------------------------
```

End of Comment

37	(25)	BITSTRING	1	YCNCDFLG	FLAG FOR DESTINATION INFO ON THE *MESSAGE (*Z) COMMAND
		1...		YCNCDSTL	"X'80'" A LEFT PAREN HAS BEEN FOUND
		.1..		YCNCDSTR	"X'40'" A RIGHT PAREN HAS BEEN FOUND
		..1.		YCNCDSRT	"X'20'" EITHER A DEST CLASS OR A ROUTE CODE HAS BEEN FOUND
		...1		YCNCDD	"X'10'" A DASH WAS FOUND (RANGE OF ROUTE CODES).
		.... 1...		YCNCER	"X'08'" ERROR CONVERTING ROUTE CODE TO BINARY
		.... .1..		YCNCRSV3	"X'04'" RESERVED
		.... ..1.		YCNCRSV2	"X'02'" RESERVED

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		1		YCNCRSV1	"X'01'" RESERVED
38	(26)	BITSTRING	2	CNCRSVD8	Reserved for development
40	(28)	ADDRESS	4	CNINADDR	"V(IATCNINX)" ADDRESS OF INPUT MODULE
44	(2C)	ADDRESS	4	CNCRSV10	RESERVED FOR SERVICE
48	(30)	ADDRESS	4	CNCSVWRK	ADDRESS OF CNSV WORK AREA
52	(34)	ADDRESS	4	CBCPADDR	Address of CPB for console buffer cell pool 7
56	(38)	ADDRESS	4	CNCJMECF	Address of JESMSG POST ECF
60	(3C)	BITSTRING	3	CNCJMRSV	Constant zero - must be zero
63	(3F)	BITSTRING	1	CNCDLFLG	ECF mask byte
64	(40)	SIGNED	4	CNCRSVD1 (3)	RESERVED FOR DEVELOPMENT
76	(4C)	SIGNED	4	CNCRSVD7	RESERVED FOR DEVELOPMENT
80	(50)	SIGNED	4	CNCWTOTK	FCT WTO TOKEN COUNTER - INCREMENTED BY IATCNWO EACH TIME A NEW FCT WTO TOKEN IS REQUIRED
84	(54)	SIGNED	4	CBCPMAX	MAX. NUMBER OF CBCP BUFFERS 4
88	(58)	SIGNED	4	CNCMSFCT	FCT ADDRESS LAST MSG ISSUER#389
92	(5C)	BITSTRING	8	CNCEXTOK	User exit 70 next token 4
100	(64)	SIGNED	4	CNCDOMID	DOM ID FOR MESSAGE IAT7134

Comment

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

End of Comment

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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
400	(190)	SIGNED	2	CNCRSVS9	RESERVED FOR SERVICE
402	(192)	SIGNED	2	CONVERT	- USED TO CONVERT NUMBER TO ALPHA
404	(194)	SIGNED	2	MAXSWTCH	- MAX LENGTH OF MSG TO BE SWITCHED
406	(196)	SIGNED	2	MAXCMD	- MAX INPUT COUNT
406	(196)	X'7E'	0	MINPUT	"126" MAXIMUM INPUT COUNT
406	(196)	X'50'	0	P521MCMD	"80" Pre-521 Maximum Command Input

Comment

```
-------------------------------------------------------------
      Definition of user data which is passed via
      TOKEN= keyword in MGCRE macro
-------------------------------------------------------------
```

End of Comment

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

Comment

```
-------------------------------------------------------------
      DEFINITION OF CNCFLAG3 FLAG BITS
-------------------------------------------------------------
```

End of Comment

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

Comment

JES3 Command Verbs (Long Forms).

End of Comment

454	(1C6)	X'1CA'	0	LNGLIST	"*"
458	(1CA)	CHARACTER	8		- START CMD AND ITS ACTN CODE 0477
466	(1D2)	BITSTRING	1		
467	(1D3)	CHARACTER	8		- RESTART 0477
475	(1DB)	BITSTRING	1		
476	(1DC)	CHARACTER	8		- CANCEL 0477
484	(1E4)	BITSTRING	1		
485	(1E5)	CHARACTER	8		- SEND 0477
493	(1ED)	BITSTRING	1		

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
494	(1EE)	CHARACTER	8		- FAIL 0477
502	(1F6)	BITSTRING	1		
503	(1F7)	CHARACTER	8		- FREE 0477
511	(1FF)	BITSTRING	1		
512	(200)	CHARACTER	8		- CALL 0477
520	(208)	BITSTRING	1		
521	(209)	CHARACTER	8		- VARY 0477
529	(211)	BITSTRING	1		
530	(212)	CHARACTER	8		- INQUIRY 0477
538	(21A)	BITSTRING	1		
539	(21B)	CHARACTER	8		- MODIFY 0477
547	(223)	BITSTRING	1		
548	(224)	CHARACTER	8		- MESSAGE 0477
556	(22C)	BITSTRING	1		
557	(22D)	CHARACTER	8		- SWITCH 0477
565	(235)	BITSTRING	1		
566	(236)	CHARACTER	8		- TRACE
574	(23E)	BITSTRING	1		
575	(23F)	CHARACTER	8		- DUMP 0477
583	(247)	BITSTRING	1		
584	(248)	CHARACTER	8		- RETURN 0477
592	(250)	BITSTRING	1		

Comment

JES3 Command Verbs (Short Forms).

End of Comment

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

Comment

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

End of Comment

611	(263)	BITSTRING	1	OBSVLIST (0)	
611	(263)	CHARACTER	8	OBSVLONG	Long form of command verb
619	(26B)	CHARACTER	1	OBSVSHRT	Short form of command verb
620	(26C)	BITSTRING	1	OBSVEND (0)	End of one entry
620	(26C)	X'9'	0	OBSESIZE	"*-OBSVLIST" Size of one entry
620	(26C)	CHARACTER	8		Long form of command verb
628	(274)	CHARACTER	1		Short form of command verb
629	(275)	CHARACTER	8		Long form of command verb
637	(27D)	CHARACTER	1		Short form of command verb

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
638	(27E)	CHARACTER	8		Long form of command verb
646	(286)	CHARACTER	1		Short form of command verb
646	(286)	X'4'	0	OBSVCNT	"(*-OBSVLIST)/OBSESIZE" Number of command verbs

Comment

```
-----------------------------------------------------------------
        STATUS AND ERROR MESSAGES
-----------------------------------------------------------------
```

End of Comment

647	(287)	BITSTRING	51	CNCRSVDJ	Reserved for development 48

Comment

```
        IAT7130 - CONSOLE INPUT MESSAGE REJECTION
```

End of Comment

698	(2BA)	ADDRESS	1	RJCTMSG	
699	(2BB)	CHARACTER	9	CNS03A	
708	(2C4)	CHARACTER	13	RJCTVERB	
721	(2D1)	CHARACTER	13		
733	(2DD)	CHARACTER	21	RJCTCAUS	
754	(2F2)	BITSTRING	1	CNS03B (0)	
754	(2F2)	CHARACTER	21	RJCT01	
775	(307)	CHARACTER	21	RJCT02	
796	(31C)	CHARACTER	22	RJCT03	#576
818	(332)	CHARACTER	21	RJCT04	
839	(347)	CHARACTER	21	RJCT05	
860	(35C)	CHARACTER	21	RJCT06	
881	(371)	CHARACTER	21	RJCT07	
902	(386)	CHARACTER	21	RJCT08	0035
923	(39B)	CHARACTER	21	RJCT09	0035
944	(3B0)	CHARACTER	21	RJCT10	
965	(3C5)	CHARACTER	21	RJCT11	
986	(3DA)	CHARACTER	21	RJCT12	
1007	(3EF)	CHARACTER	21	RJCT13	
1028	(404)	CHARACTER	21	RJCT15	
1049	(419)	CHARACTER	21	RJCT17	
1070	(42E)	CHARACTER	21	RJCT24	

Comment

```
    WTO (IAT7130 ' DUMP, 'DDR IS ACTIVE )
        ,'ROUTCDE=2,MCSFLAG=BRDCAST,MF=L
```

End of Comment

1092	(444)	SIGNED	4	RJCT25M (0)	
1092	(444)	ADDRESS	2		TEXT LENGTH
1094	(446)	BITSTRING	2		MCSFLAGS
1096	(448)	CHARACTER	53		
1152	(480)	BITSTRING	2		DESCRIPTOR CODES
1154	(482)	BITSTRING	2		ROUTING CODES
1154	(482)	X'450'	0	RJCT25CM	"RJCT25M+12" QUOTATED REJECTED COMMAND AREA
1154	(482)	X'468'	0	RJCT25	"RJCT25M+36" OFFSET FOR CAUSE
1156	(484)	CHARACTER	21	RJCT26	
1177	(499)	CHARACTER	21	RJCT27	
1198	(4AE)	CHARACTER	21	RJCT28	
1219	(4C3)	CHARACTER	17	RJCT29	
1236	(4D4)	CHARACTER	4		
1240	(4D8)	CHARACTER	21	RJCT30 (0)	'OPERAND ' INVALID #675
1240	(4D8)	CHARACTER	2		OPEN QUOTE #675
1241	(4D9)	CHARACTER	8	RJCT30OP	INVALID OPERAND #675
1249	(4E1)	CHARACTER	2		CLOSE QUOTE #675

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1250	(4E2)	CHARACTER	11		CONSTANT TEXT #675
1261	(4ED)	CHARACTER	21	RJCT31	
1282	(502)	CHARACTER	21	RJCT32	2
1303	(517)	CHARACTER	21	RJCT35	9
1324	(52C)	CHARACTER	21	RJCT41	
1345	(541)	CHARACTER	21	RJCT42	

Comment

IAT7140 - CONSOLE SWITCH MESSAGE

End of Comment

1366	(556)	ADDRESS	1	CNSWTCH	
1367	(557)	CHARACTER	8	CNS04A	
1375	(55F)	CHARACTER	21	CNSWFROM	
1396	(574)	CHARACTER	8	CNSWTO	
1404	(57C)	BITSTRING	1	CNS04B (0)	

Comment

IAT7150 - MESSAGE SWITCH MESSAGE

End of Comment

1404	(57C)	ADDRESS	1	MSGSWIT	
1405	(57D)	CHARACTER	8	CNS05A	
1413	(585)	CHARACTER	0	MSGWORK (0)	Max cmd + PREAM + '*'
1413	(585)	CHARACTER	8	MSGDDNM	
1421	(58D)	CHARACTER	72	MSGROUTE	
1493	(5D5)	CHARACTER	157		
1650	(672)	BITSTRING	1	CNS05B (0)	

Comment

IAT7181 THE cmd COMMAND IS NO LONGER SUPPORTED

End of Comment

1650	(672)	ADDRESS	1	IAT7181	
1651	(673)	CHARACTER	12	MSGT7181	Start of message text
1663	(67F)	CHARACTER	8	CMD7181	Obsolete command
1671	(687)	CHARACTER	31	VAR7181	Room for " COMMAND IS @QAC NO LONGER SUPPORTED" @QAC
1702	(6A6)	BITSTRING	1	END7181 (0)	End of message
1702	(6A6)	CHARACTER	31	NTSP7181	Message text appended after the command

Comment

--- 0
IAT7182 ' FREE <rjpcn>' COMMAND COMPLETE 0
The message appears without rjpcn (undirected form) 0
only when issued from an RJP console. When rjpcn 0
is present (directed form), it is exactly five 0
characters long. 0
--- 0

End of Comment

1733	(6C5)	ADDRESS	1	IAT7182	0175
1734	(6C6)	CHARACTER	15	MSGT7182	Start of message text 0175
1748	(6D4)	CHARACTER	0	VAR7182U (0)	Undirected free CCMP7182 0175
1748	(6D4)	CHARACTER	1	SEP7182	Separator and RJP console 0175
1749	(6D5)	CHARACTER	5	RJP7182	name, if directed free, 0175 otherwise both fields are 0175 overlaid by a copy of 0175 CCMP7182 0175
1754	(6DA)	CHARACTER	18	VAR7182D	Directed free CCMP7182 0175

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1772	(6EC)	BITSTRING	1	END7182 (0)	End of message 0175
1772	(6EC)	CHARACTER	19	CCMP7182	0175 Message text appended after 0175 the command 0175 40

Comment

FIELDS USED BY IATCNIN (FREE AND SWITCH PROCESSING)

End of Comment

1792	(700)	SIGNED	4	CNINPARM (0)	PARM LIST FOR IATGROCO CALL 0207 (NEXT 2 FULLWORDS) 0207
1792	(700)	ADDRESS	4	CNINNAME	SWITCH_FROM CONSOLE NAME 0207
1796	(704)	ADDRESS	4	CNINSWNM	SWITCH_TO CONSOLE NAME 0207 END OF IATGROCO PARM LIST 0207
1800	(708)	CHARACTER	8	WDSAVE2	WORK AREA FOR *SWITCH AND *MESSAGE PROCESSING
1808	(710)	BITSTRING	17	YCNCRCM	ROUTE CODE MASK FOR ROUTE CODE/ /DEST CLASS VALIDATION ROUTINE
1825	(721)	CHARACTER	3	CNINRSVD	RESERVED FOR DEVELOPMENT
1828	(724)	BITSTRING	4	YCNCDSH	- DASH
1832	(728)	BITSTRING	4	YCNCLP	- LEFT PAREN
1836	(72C)	BITSTRING	4	YCNCRP	- RIGHT PAREN

Comment

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

End of Comment

1840	(730)	CHARACTER	8	CNCINQ1	Inquiry command prefix
1848	(738)	CHARACTER	2	CNCINQ2	Inquiry command prefix
1850	(73A)	CHARACTER	7	CNCMOD1	Modify command prefix
1857	(741)	CHARACTER	2	CNCMOD2	Modify command prefix
1859	(743)	CHARACTER	6	CNCSTRT1	Start command prefix
1865	(749)	CHARACTER	2	CNCSTRT2	Start command prefix
1867	(74B)	CHARACTER	5	CNCCALL1	Call command prefix
1872	(750)	CHARACTER	2	CNCCALL2	Call command prefix

Comment

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

End of Comment

1874	(752)	CHARACTER	1	CNCOSCMD	Output service inqiry/modify
1875	(753)	CHARACTER	7	CNCREROT	Reroute command
1882	(75A)	CHARACTER	49	CNCRSVS5	Reserved for Service
1931	(78B)	CHARACTER	21	RJCT45	IAT7130 reason text 3
1952	(7A0)	SIGNED	4	CNCRSVDA (3)	
1964	(7AC)	CHARACTER	8	COMMAND	
1972	(7B4)	CHARACTER	11	SUPRESS	$$$$
1983	(7BF)	CHARACTER	4	CJSQ	2
1987	(7C3)	CHARACTER	3	IAT	
1990	(7C6)	CHARACTER	3	IEF	
1993	(7C9)	CHARACTER	3	IEE	
1996	(7CC)	CHARACTER	3	IEA	
1999	(7CF)	CHARACTER	3	IEC	
2002	(7D2)	CHARACTER	3	DJC	
2005	(7D5)	CHARACTER	2	REP	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
2007	(7D7)	CHARACTER	2	ID	2
2007	(7D7)	X'F'	0	REPLEN	"L'REP+L'ID+L'SUPRESS"
2009	(7D9)	BITSTRING	3	CNCRVS10	Reserved for Service 0175
2012	(7DC)	ADDRESS	4	LCLCALL	"V(CNCNLCMD)" ADDRESS OF THE LOCAL COMMAND TABLE EITHER IN IATCNCN OR COMMON STORAGE.
2016	(7E0)	BITSTRING	145	CNCRSD	RESERVED FOR DEVELOPMENT 11
2161	(871)	BITSTRING	1	CNCRSVS1	Reserved for Service
2162	(872)	BITSTRING	1	CNCCMDFL	Command Processing Flag

Comment

Definition of CNCCMDFL bits

End of Comment

		1...		CNCCMD80	"X'80'" Reserved for Service
		.1..		CNCRMDEF	"X'40'" Remote defaults processed
		..1.		CNCRMSAF	"X'20'" SAF call returned RC=0
		...1		CNCRMERR	"X'10'" Remote OPERAND error found
		.... 1...		CNCCMD08	"X'08'" Reserved for Service
		.... .1..		CNCCMD04	"X'04'" Reserved for Service
		.... ..1.		CNCCMD02	"X'02'" Reserved for Service
		1		CNCCMD01	"X'01'" Reserved for Service 31
2163	(873)	BITSTRING	1	CNCFLAG1	FLAGS FOR COMMUNICATING BETWEEN SERVICE ROUTINES AND CONSOLES

Comment

DEFINITION OF CNCFLAG1 BITS

End of Comment

		1...		CNCF1RV1	"X'80'" Reserved for development
		.1..		CNCF1RV2	"X'40'" Reserved for development
		..1.		CNCF1RV3	"X'20'" Reserved for development 2
		...1		CNCF1RV4	"X'10'" Reserved for development
		.... 1...		CNCF1RV5	"X'08'" Reserved for development
		.... .1..		CNCF1RV6	"X'04'" Reserved for development
		.... ..1.		CNCF1RV7	"X'02'" Reserved for development
		1		CNCLENER	"X'01'" COMMAND LENGTH ERROR DETECTED IN IATCNIA
2164	(874)	BITSTRING	2	CNCSRVC1	RESERVED FOR DEVELOPMENT
2166	(876)	BITSTRING	1	CNCFLAG2	FLAGS FOR CONSOLE QUEUEING

Comment

DEFINITION OF CNCFLAG2 FLAG BITS

End of Comment

		1...		CNCSUSP	"X'80'" DSQLOC returned suspend ret. code
		.1..		CNCF2RV2	"X'40'" Reserved for development
		..1.		CNCF2RV3	"X'20'" Reserved for development
		...1		CNCF2RV4	"X'10'" Reserved for development
		.... 1...		CNCF2RV5	"X'08'" Reserved for development
		.... .1..		CNCSTDJM	"X'04'" IATCNSV ISSUED STD JESMSG
		1		CNCF2RV6	"X'01'" Reserved for development 8
2167	(877)	CHARACTER	2	CNCRSD55	RESERVED FOR DEVELOPMENT
2169	(879)	BITSTRING	3	CNCRVD10	Reserved for Development 0175
2172	(87C)	SIGNED	4	CNDMCELL	CELL IN USE BY IATCNDM 2
2176	(880)	SIGNED	4	CNCRSVD6	RESERVED FOR DEVELOPMENT 0443 15

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- TRANSLATE TABLE FOR IATCNIN ----------
					End of Comment
2180	(884)	CHARACTER	1	CNCTRTBL (74)	X'00' TO X'49' BLANKS
2254	(8CE)	CHARACTER	8		X'4A' TO X'50' SP CHARS
2261	(8D5)	CHARACTER	1	(9)	X'51' TO X'59' BLANKS
2270	(8DE)	CHARACTER	8		X'5A' TO X'61' SP CHARS
2278	(8E6)	CHARACTER	1	(8)	X'62' TO X'69' BLANKS
2286	(8EE)	BITSTRING	1		X'6A' SPECIAL CHARACTER
2287	(8EF)	CHARACTER	5		X'6B' TO X'6F' SP CHARS
2292	(8F4)	CHARACTER	1	(9)	X'70' TO X'78' BLANKS
2301	(8FD)	BITSTRING	1		X'79' SPECIAL CHARACTER
2302	(8FE)	CHARACTER	7		X'7A' TO X'7F' SP CHARS
2308	(904)	CHARACTER	16		LOWER CASE ALPHA CHARS
2324	(914)	CHARACTER	16		LOWER CASE ALPHA CHARS
2340	(924)	BITSTRING	2		X'A0' BLANK, X'A1' SPEC CHAR
2342	(926)	CHARACTER	14		LOWER CASE ALPHA CHARS
2356	(934)	CHARACTER	1	(16)	X'B0' TO X'BF' CHARACTERS
2372	(944)	BITSTRING	1		X'C0' SPECIAL CHARACTER
2373	(945)	CHARACTER	15		UPPER CASE ALPHA CHARS
2388	(954)	BITSTRING	1		X'D0' SPECIAL CHARACTER
2389	(955)	CHARACTER	15		UPPER CASE ALPHA CHARS
2404	(964)	BITSTRING	1		X'E0' SPECIAL CHARACTER
2405	(965)	CHARACTER	15		UPPER CASE ALPHA CHARS
2420	(974)	CHARACTER	16		
0	(0)	X'400'	0	SIZECELL	"1024" FIXED SIZE OF CNWO CELL, CELLPOOL BUILT BY IATINC2 AND CELLS USED BY IATCNWO 2
					Comment
					---------- # CONCMD DSP RECOVERY WORK AREAS # ---------- #
					End of Comment
2436	(984)	ADDRESS	4	CNCMSTAR	ADDRESS OF STAGING AREA #172 CURRENTLY BEING PROCESSED #172
2440	(988)	ADDRESS	4	CNCMSAPR	USED DURING CONCMD JESTAE #172 STAGING AREA VALIDATION TO #172 POINT TO THE LAST VALID #172 STAR ON THE S34 DEST QUEUE #172
2444	(98C)	BITSTRING	1	CNCMECFM	ECF MASK CURRENTLY BEING #172 PROCESSED #172
2445	(98D)	BITSTRING	1	CNCMJRFL	CNCM JESTAE RECOVERY FLAGS #172
		1...		CNCMJRDA	"X'80'" JESTAE RECOVERY DISABLED #172
		..1.		CNCMJRSA	"X'20'" JSERV FOR CURRENT STA ISSUED#172 #172
2446	(98E)	BITSTRING	1	CNCMSAFL	CNCM JESTAE RECOVERY FLAGS, #172 FOR STAGING AREA VALIDATION #172
		1...		CNCMSACK	"X'80'" STAGING AREA QUEUE VALIDITY #172 CHECKING IS IN PROGRESS #172
		.1..		CNCMSA34	"X'40'" SVC 34 DST Q IS VALID #172
		.... 1...		CNCMSALO	"X'08'" CNCMSTAR STAGING AREA FOUND #172 ON A DESTINATION QUEUE #172
		.... .1..		CNCMSADE	"X'04'" CNCMSTAR STAGING AREA HAS #172 BEEN REMOVED FROM THE DST Q #172 WITHOUT ISSUING A JSERV #172 DUE TO A CRITICAL ERROR #172
		.... ..1.		CNCMSAJS	"X'02'" A JSERV WAS ISSUED FROM THE #172 CONCMD JESTAE TO FREE UP #172 THE STAGING AREA IN ERROR #172 #172
2447	(98F)	BITSTRING	1	CNCMJRSV	RESERVED FOR DEVELOPMENT #172
2448	(990)	SIGNED	4	CONWOADD	SECONDARY VECTOR FOR THE CNWO CELL POOL 7

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
2452	(994)	SIGNED	4	CNCRSVU6 (9)	RESERVED FOR USER #172

Comment

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

End of Comment

2488	(9B8)	SIGNED	2	CPCBERR1 (3)	HOLD PLACE FOR INSTRUCTIONS
2494	(9BE)	BITSTRING	2	CNCRVS11	Reserved for Service 0175
2496	(9C0)	ADDRESS	4	MRCELLPT	"V" ADDR OF SUBROUTINE RNCELLPT
2500	(9C4)	ADDRESS	4	MRCELLGT	"V" ADDR OF SUBROUTINE RNCELLGT
2504	(9C8)	ADDRESS	4	CNCCNCV	"V" ADDR of SUBROUTINE RNCNCV
2508	(9CC)	ADDRESS	4	CONHEX	"V" ADDR OF SUBROUTINE CNCONHEX 5
2512	(9D0)	SIGNED	4	CNCRSVS7	RESERVED FOR SERVICE

Comment

```
------------------------------------------------------------
          CONSERV DSP RECOVERY WORK AREAS
------------------------------------------------------------
```

End of Comment

2516	(9D4)	ADDRESS	4	CNSVRQ	ADDRESS OF RQ
2520	(9D8)	ADDRESS	4	CNSVSTAR	ADDRESS OF STAGING AREA CURRENTLY BEING PROCESSED
2524	(9DC)	ADDRESS	4	CNSVSAPR	USED DURING CONSERV JESTAE STAGING AREA VALIDATION TO POINT TO THE LAST VALID STAR ON THE CNSVSAQI QUEUE
2528	(9E0)	BITSTRING	1	CNSVECFM	ECF MASK CURRENTLY BEING PROCESSED
2529	(9E1)	BITSTRING	1	CNSVJRFL	CNSV JESTAE RECOVERY FLAGS

Comment

```
------------------------------------------------------------
      DEFINITIONS FOR IATCNSV RECOVERY FLAGS - CNSVJRFL
------------------------------------------------------------
```

End of Comment

		1...		CNSVJRDA	"X'80'" JESTAE RECOVERY DISABLED
		.1..		CNSVJRRQ	"X'40'" RQ CLEANUP PROCESSED
		..1.		CNSVJRSA	"X'20'" JSERV FOR CURRENT STA ISSUED
		...1		CNSVEX70	"X'10'" CALL FOR USER EXIT 70 IS IN PROGRESS
		.... 1...		CNSVABMN	"X'08'" IATABMN HAS COMPLETED CSVDYNEX RECOVER PROCESSING
		.... .1..		CNSVADRT	"X'04'" THERE ARE ADDITIONAL EXIT 70 ROUTINES TO CALL
		.... ..1.		CNSVRT70	"X'02'" RETRY TO COMPLETE CALL TO USER EXIT 70
2530	(9E2)	BITSTRING	1	CNSVSAFL	CNSV JESTAE RECOVERY FLAGS, FOR STAGING AREA VALIDATION
		1...		CNSVSACK	"X'80'" STAGING AREA QUEUE VALIDITY CHECKING IS IN PROGRESS #172
		..1.		CNSVJR20	"X'20'" Reserved flag
		...1		CNSVSA35	"X'10'" SVC 35 DST Q IS VALID
		.... 1...		CNSVSALO	"X'08'" CNSVSTAR STAGING AREA FOUND ON A DESTINATION QUEUE
		.... .1..		CNSVSADE	"X'04'" CNSVSTAR STAGING AREA HAS BEEN REMOVED FROM THE DST Q WITHOUT ISSUING A JSERV DUE TO A CRITICAL ERROR
		.... ..1.		CNSVSAJS	"X'02'" A JSERV WAS ISSUED FROM THE CONSERV JESTAE TO FREE UP THE STAGING AREA IN ERROR

IATYCNC Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
2531	(9E3)	BITSTRING	1	CNSVSAQI	DESTINATION QUEUE INDEX CURRENTLY BEING VALIDATED
2532	(9E4)	BITSTRING	1	CNSVJRSV	RESERVED FOR DEVELOPMENT
2533	(9E5)	ADDRESS	1	CNMG155L	
2534	(9E6)	CHARACTER	41		
2575	(A0F)	CHARACTER	5	CNMG155A	
2580	(A14)	CHARACTER	8	CNMG155J	JOB NAME
2588	(A1C)	CHARACTER	1	CNMG155Q	'
2589	(A1D)	CHARACTER	8	CNMG155I	Job id
2597	(A25)	CHARACTER	1	CNMG155P	
2598	(A26)	CHARACTER	38	CNMG155G	
2598	(A26)	X'A4C'	0	CNMG155E	"*"
2636	(A4C)	CHARACTER	38	CNMG155C	1
2674	(A72)	CHARACTER	1	CNMG155S	
2674	(A72)	X'17'	0	CNMG155B	"CNMG155G-CNMG155A" 9

Comment

```
-----------------------------------------------------------------
      STORAGE FOR IATCNIN WORK CNDB FOR MESSAGE COMMAND
-----------------------------------------------------------------
CNCCNDB IATYCNDB DSECT=NO IATYCNDB PARAMETER LIST 0
  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
2700	(A8C)	SIGNED	4	YCNCCNDB (0)	IATYCNDB.27: based variable for storage mapping
2700	(A8C)	SIGNED	4		Four byte console id 0176
2704	(A90)	CHARACTER	4		IATYCNDB eyecatcher
2708	(A94)	ADDRESS	4		IATYCNDB version
2712	(A98)	BITSTRING	8		Reserved for development
2720	(AA0)	BITSTRING	8		Console Name 0176
2728	(AA8)	BITSTRING	24		Reserved for development
2752	(AC0)	SIGNED	2		Reserved for development
2754	(AC2)	BITSTRING	40		Reserved for development
2796	(AEC)	SIGNED	4	CNCEND (0)	END OF CONTROL BLOCK
2796	(AEC)	X'AEC'	0	CNCSIZE	"CNCEND-IATCNCN" SIZE OF CONTROL BLOCK 87

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

IATYCNC Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
AUTHCKNO	196	80	CMF	24	0
BLNK	DC	40	CMPDATA	C4	0
CBCPADDR	34		CNCCALL1	74B	5CC3C1D3
CBCPMAX	54	0	CNCCALL2	750	5CE7
CCMP7182	6EC	7D40C3D6	CNCCMDFL	872	0
CCONCMD	108	C3D6D5C3	CNCCMD01	872	1
CCONSERV	110	C3D6D5E2	CNCCMD02	872	2
CDUMP	1B2	C4E4D4D7	CNCCMD04	872	4
CHNSAVE	118	40404040	CNCCMD08	872	8
CJSQ	7BF	D1E2D840	CNCCMD80	872	80
CMDTRANS	196	40	CNCCNCV	9C8	
CMD7181	67F	40404040	CNCCNTRL	68	0

Name	Hex Offset	Hex Value
CNCDLFLG	3F	0
CNCDOMID	64	0
CNCELREM	1C0	80
CNCEND	AEC	
CNCEXTOK	5C	0
CNCFLAG1	873	0
CNCFLAG2	876	0
CNCFLAG3	1C0	0
CNCFLCSQ	1B7	40404040
CNCFLWEC	80	
CNCFREEW	6C	
CNCFRWRK	68	
CNCF1RV1	873	80
CNCF1RV2	873	40
CNCF1RV3	873	20
CNCF1RV4	873	10
CNCF1RV5	873	8
CNCF1RV6	873	4
CNCF1RV7	873	2
CNCF2RV2	876	40
CNCF2RV3	876	20
CNCF2RV4	876	10
CNCF2RV5	876	8
CNCF2RV6	876	1
CNCINQ1	730	5CC9D5D8
CNCINQ2	738	5CC9
CNCJMECF	38	
CNCJMRSV	3C	0
CNCLENER	873	1
CNCMECFM	98C	0
CNCMJRDA	98D	80
CNCMJRFL	98D	0
CNCMJRSA	98D	20
CNCMJRSV	98F	0
CNCMOD1	73A	5CD4D6C4
CNCMOD2	741	5CC6
CNCMSACK	98E	80
CNCMSADE	98E	4
CNCMSAFL	98E	0
CNCMSAJS	98E	2
CNCMSALO	98E	8
CNCMSAPR	988	
CNCMSA34	98E	40
CNCMSFCT	58	0
CNCMSG70	1C0	20
CNCMSG80	1C0	10
CNCMSG90	1C0	8
CNCMSTAR	984	
CNCOSCMD	752	E4
CNCREROT	753	D5D1C5D9
CNCRMDEF	872	40
CNCRMERR	872	10
CNCRMSAF	872	20
CNCRSD	7E0	0
CNCRSD35	19A	0
CNCRSD55	877	
CNCRSVDA	7A0	0
CNCRSVDB	1BD	
CNCRSVDJ	287	
CNCRSVDS	1BE	0
CNCRSVD1	40	0
CNCRSVD2	98	0
CNCRSVD4	1BC	0
CNCRSVD6	880	0
CNCRSVD7	4C	0
CNCRSVD8	26	0
CNCRSVS1	871	0
CNCRSVS2	1C1	0
CNCRSVS4	70	0
CNCRSVS5	75A	
CNCRSVS7	9D0	
CNCRSVS9	190	0
CNCRSVU3	84	0
CNCRSVU4	1C6	
CNCRSVU6	994	0
CNCRSV10	2C	
CNCRVD10	879	0
CNCRVS10	7D9	0
CNCRVS11	9BE	0
CNCR2SAV	9C	0
CNCSIZE	AEC	AEC
CNCSRVC1	874	0
CNCSTDJM	876	4
CNCSTRT1	743	5CE2E3C1
CNCSTRT2	749	5CE2
CNCSUSP	876	80
CNCSVWRK	30	
CNCTRTBL	884	40404040
CNCWTOTK	50	0
CNDMCELL	87C	0
CNDMJBNO	7C	0
CNINADDR	28	
CNINNAME	700	
CNINPARM	700	
CNINRSVD	721	
CNINSWNM	704	
CNMG155A	A0F	D1D6C240
CNMG155B	A72	17
CNMG155C	A4C	40E3C8C1
CNMG155E	A26	A4C
CNMG155G	A26	40E3C8C1
CNMG155I	A1D	40404040
CNMG155J	A14	40404040
CNMG155L	9E5	
CNMG155P	A25	5D
CNMG155Q	A1C	4D
CNMG155S	A72	C1E2C9C4
CNSVABMN	9E1	8
CNSVADRT	9E1	4
CNSVECFM	9E0	0
CNSVEX70	9E1	10
CNSVJRDA	9E1	80
CNSVJRFL	9E1	0
CNSVJRRQ	9E1	40
CNSVJRSA	9E1	20
CNSVJRSV	9E4	0
CNSVJR20	9E2	20
CNSVRQ	9D4	
CNSVRT70	9E1	2
CNSVSACK	9E2	80
CNSVSADE	9E2	4
CNSVSAFL	9E2	0
CNSVSAJS	9E2	2
CNSVSALO	9E2	8
CNSVSAPR	9DC	
CNSVSAQI	9E3	0
CNSVSA35	9E2	10
CNSVSTAR	9D8	
CNSWFROM	55F	40404040
CNSWTCH	556	

Name	Hex Offset	Hex Value
CNSWTO	574	40404040
CNS03A	2BB	C9C1E3F7
CNS03B	2F2	
CNS04A	557	C9C1E3F7
CNS04B	57C	
CNS05A	57D	C9C1E3F7
CNS05B	672	
COMMA	E0	6B
COMMAND	7AC	C3D6D4D4
CONAFAIL	24	8
CONHEX	9CC	
CONIDSAV	A0	0
CONVERT	192	39
CONWOADD	990	0
CPCBERR1	9B8	
CSETUP	100	E2C5E3E4
DJC	7D2	C4D1C3
EIGHT	D4	8
END7181	6A6	
END7182	6EC	
ERRORID	19C	20
HUNDRED	198	64
IAT	7C3	C9C1E3
IATCNCN	0	
IATCNCN	0	
IAT7181	672	
IAT7182	6C5	
ID	7D7	F0F0
IEA	7CC	C9C5C1
IEC	7CF	C9C5C3
IEE	7C9	C9C5C5
IEF	7C6	C9C5C6
INQDRVR	F0	C9D5D8C4
INTERCON	1A8	0
INTERNAL	1A0	C9D5E3C5
JMMAXTXT	19A	78
LCLCALL	7DC	
LNGLIST	1C6	1CA
LONGLST	B8	
MAXCMD	196	7E
MAXSPLIT	19A	23
MAXSWTCH	194	46
MINPUT	196	7E
MLOGID	19E	80
MODDRVR	F8	D4D6C4C4
MRCELLGT	9C4	
MRCELLPT	9C0	
MSGDDNM	585	40404040
MSGROUTE	58D	40404040
MSGSWIT	57C	
MSGT7181	673	C9C1E3F7
MSGT7182	6C6	C9C1E3F7
MSGWORK	585	
NINE	D8	9
NTSP7181	6A6	40C3D6D4
OBSESIZE	26C	9
OBSLVLST	D0	
OBSVCNT	286	4
OBSVEND	26C	
OBSVLIST	263	
OBSVLONG	263	C4C5D3C1
OBSVSHRT	26B	C4
ONE	1AE	1
PERIOD	E4	4B
P521MCMD	196	50
REP	7D5	D940
REPLEN	7D7	F
RJCTCAUS	2DD	40404040
RJCTMSG	2BA	
RJCTVERB	2C4	5CD4C5E2
RJCT01	2F2	D1C5E240
RJCT02	307	E5C5D9C2
RJCT03	31C	7DD5D6E4
RJCT04	332	D4E4E2E3
RJCT05	347	7DC4C5E5
RJCT06	35C	7DC4E2D7
RJCT07	371	D9C5C6E4
RJCT08	386	C3C1D5C3
RJCT09	39B	C6C3E340
RJCT10	3B0	7DC3D6D5
RJCT11	3C5	7DC3D6D5
RJCT12	3DA	7DC3D6D5
RJCT13	3EF	7DC4E2D7
RJCT15	404	C9D5E5C1
RJCT17	419	E4D5C1E4
RJCT24	42E	C1D4C2C9
RJCT25	482	468
RJCT25CM	482	450
RJCT25M	444	
RJCT26	484	7DE7E7E7
RJCT27	499	7DE7E7E7
RJCT28	4AE	D5D640C6
RJCT29	4C3	C9D5E5C1
RJCT30	4D8	
RJCT30OP	4D9	40404040
RJCT31	4ED	D5D6E340
RJCT32	502	C9D5E5C1
RJCT35	517	C4C5E5C9
RJCT41	52C	E3D9C1C3
RJCT42	541	E3D9C1C3
RJCT45	78B	D9D1D740
RJP7182	6D5	40404040
SAVE	A4	0
SAVE2	A8	0
SEP7182	6D4	40
SHRTLST	AC	
SHTLIST	250	251
SIZECELL	0	400
SUPRESS	7B4	6BE2E4D7
TEN	18E	A
TWENTY	1AC	F2F0
TWO	1B0	2
VAR7181	687	40404040
VAR7182D	6DA	40404040
VAR7182U	6D4	
WDSAVE	186	40404040
WDSAVE2	708	40404040
WTDDRVR	E8	E6E3C4C4
YCNCCNDB	A8C	
YCNCDD	25	10
YCNCDFLG	25	0
YCNCDSH	724	60
YCNCDSRT	25	20
YCNCDSTL	25	80
YCNCDSTR	25	40
YCNCER	25	8
YCNCLP	728	4D
YCNCRCM	710	0
YCNCRP	72C	5D
YCNCRSV1	25	1

IATYCNC Cross Reference

Name	Hex Offset	Hex Value
YCNCRSV2	25	2
YCNCRSV3	25	4

IATYCNDB Heading Information

Common Name: Console Destination Block
Macro ID: IATYCNDB
DSECT Name: IATYCNDB --based variable for storage mapping
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: CNDBEYE
Offset: 4
Length: 4
Storage Attributes: Main Storage: 94
Virtual Storage: 94
Auxiliary Storage: 94
Subpool: n/a
Key: 1
Data Space: N/A
Residency: any
Size: 94
Created by: n/a
Pointed to by: Imbeded within other control blocks
Serialization: none
Function: The console destination block is a control block that contains information related to the destination that messages should be sent to. This control block is built as commands are entered into to the system and is used by command processors as a destination for where to return messages to. The control block is 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.

IATYCNDB Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYCNDB	IATYCNDB.27: based variable for storage mapping
0	(0)	SIGNED	4	CNDBCNID	IATYCNDB.44: Console id
4	(4)	CHARACTER	4	CNDBEYE	IATYCNDB.56: IATYCNDB eyecatcher
8	(8)	SIGNED	4	CNDBVERS	IATYCNDB.62: IATYCNDB version
12	(C)	CHARACTER	8	CNDBCART	IATYCNDB.68: Command and response token
20	(14)	CHARACTER	8	CNDBCNNM	IATYCNDB.74: Console name
28	(1C)	CHARACTER	8	CNDBRSD3	IATYCNDB.80: Reserved for dev
36	(24)	CHARACTER	16	CNDBRSD4	IATYCNDB.86: Reserved for dev
52	(34)	SIGNED	2	CNDBRSD5	IATYCNDB.92: Destination class
54	(36)	BITSTRING	1	CNDBFLG1 (0)	IATYCNDB.98: Flag byte
		1...		CNDBRESP	"X'80'" IATYCNDB.254: Command response indicator
55	(37)	BITSTRING	1	CNDBCTYP	IATYCNDB.162: Console Type Mapped by IATYCTYP
56	(38)	CHARACTER	4	CNDBRSD6	IATYCNDB.104: Reserved for dev
60	(3C)	CHARACTER	17	CNDBROUT (0)	IATYCNDB.110: Routing code mask
60	(3C)	CHARACTER	16	CNDB_ROUT16	IATYCNDB.110: Routing code mask
76	(4C)	CHARACTER	1	CNDB_ROUTE17 (0)	IATYCNDB.110: Routing code mask
		1...		CNDB_ROUTE17_ALL	"X'80'" Dest Class = ALL
		.1..		CNDB_ROUTE17_MLG	"X'40'" Dest Class = MLOG
77	(4D)	CHARACTER	1	CNDBRSD7	IATYCNDB.259: Reserved for dev

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IATYCNDB Cross Reference

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
78	(4E)	CHARACTER	15	CNDBRSS1	IATYCNDB.116: Reserved for service
93	(5D)	CHARACTER	1	CNDBRSD8	IATYCNDB.122: Reserved for development 2
93	(5D)	X'1'	0	CNDB313	"1" IATYCNDB.150: Equate for HJS3313
93	(5D)	X'2'	0	CNDB521	"2" IATYCNDB.262: Equate for HJS5521
94	(5E)	X'2'	0	CNDBCURR	"CNDB521" IATYCNDB current version
94	(5E)	X'5E'	0	IATYCNDB_LEN	"*-IATYCNDB"

IATYCNDB Cross Reference

Name	Hex Offset	Hex Value
CNDB_ROUTE17	4C	
CNDB_ROUTE17_ALL	4C	80
CNDB_ROUTE17_MLG	4C	40
CNDB_ROUT16	3C	
CNDBCART	C	
CNDBCNID	0	
CNDBCNNM	14	
CNDBCTYP	37	
CNDBCURR	5E	2
CNDBEYE	4	
CNDBFLG1	36	
CNDBRESP	36	80
CNDBROUT	3C	
CNDBRSD3	1C	
CNDBRSD4	24	
CNDBRSD5	34	
CNDBRSD6	38	
CNDBRSD7	4D	
CNDBRSD8	5D	
CNDBRSS1	4E	
CNDBVERS	8	
CNDB313	5D	1
CNDB521	5D	2
IATYCNDB	0	
IATYCNDB_LEN	5E	5E

IATYCNDF Heading Information

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

```
+---------------+
| Function Code |
|               |
+---------------+
| Function Parm |
| List pointer  |------->+-------------+
+---------------+        | Function    |
| Specific    |
| Information |
+-------------+
```

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

IATYCNDF Map

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

Comment

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

End of Comment

4	(4)	X'0'	0	CNDFNUC	"0" Calling Environment for IATCNDFM ...is Nuctask

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
4	(4)	X'4'	0	CNDFNNUC	"4" Calling Environment for IATCNDFM ...is Not JES3 Nuctask

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

Comment

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

End of Comment

12	(C)	X'0'	0	CNDFRTOK	"0" CNDFM function performed ...successfully
12	(C)	X'4'	0	CNDFRTBD	"4" Failure During CNDFM ...processing

Comment

General Reason Codes (Function Independent) -- R0

End of Comment

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

Comment

Function Specific Reason Codes (returned in R0)

End of Comment

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

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

IATYCNDF Cross Reference

Name	Hex Offset	Hex Value
CNDFFPRM	4	
CNDFFUNC	0	
CNDFMEND	4	8
CNDFMMOD	0	
CNDFMSIZ	4	8
CNDFNNUC	4	4
CNDFNUC	4	0
CNDFRSOK	C	0
CNDFRSUN	C	4
CNDFRTBD	C	4
CNDFRTOK	C	0
CNDFTEND	C	10
CNDFTEYE	0	
CNDFTLEN	8	
CNDFTNXT	4	
CNDFTSIZ	C	10
CNDFTTXT	C	
CNDFTXTF	0	
TFRSANCZ	C	C
TFRSCPIZ	C	10
TFRSMDBZ	C	8
TFRSNOST	C	14
TXTFCDFA	C	
TXTFCLSZ	8	80
TXTFCPID	8	
TXTFEND	C	10
TXTFMDBA	4	
TXTFMDBP	0	
TXTFPARM	0	
TXTFSIZE	C	10

IATYCNIF Heading Information

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

IATYCNIF Map

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

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

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IATYCNIF Cross Reference

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

IATYCNIF Cross Reference

Name	Hex Offset	Hex Value
CNIFH_LENGTH	20	30
CNIFH_MEMBER	10	40404040
CNIFH_OFFSET	8	0
CNIFH_RECORDS		
	C	0
CNIFH_RSVD1	7	0
CNIFH_RSVD2	20	0
CNIFHDR	0	
CNIFHEYE	0	C3D5C9C6
CNIFHVER	6	1
CNIFR_AUTH	5	0
CNIFR_BDT	4	4
CNIFR_BSCRJP	4	1
CNIFR_CART	1C	40404040
CNIFR_CONSID	18	0
CNIFR_CONSNAME		
	10	40404040
CNIFR_COUNT	24	0
CNIFR_JESDATA		
	44	40404040
CNIFR_JES3ONLY		
	6	40
CNIFR_LENGTH	64	74
CNIFR_LINE_LENGTH		
	39	0
CNIFR_LOGGED_ON		
	6	80
CNIFR_MIGID	7	0
CNIFR_MIGID_OBTAINED		
	6	20
CNIFR_NAME	8	40404040
CNIFR_NJE	4	3
CNIFR_OFFSET	0	0
CNIFR_ROUTING		
	10	
CNIFR_RSVD2	64	0
CNIFR_RSVD3	3A	0
CNIFR_RTCODES		
	28	40404040
CNIFR_SAVEMSG		
	6	10
CNIFR_SNARJP	4	2
CNIFR_STATUS	6	0
CNIFR_SWITCH_NAME		
	3C	40404040
CNIFR_TYPE	4	0
CNIFREC	0	
CNIFVERS_CURR		
	6	1
CNIFVERS_520	6	1

IATYCNS Programming Interface information

Programming Interface information

IATYCNS

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

- CONSACTN

End of Programming Interface information

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IATYCNS Heading Information

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

IATYCNS Map

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

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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	CONSMESS	
0	(0)	CHARACTER	1	CONSPRTY	- FIRST CHARACTER UNREFERENCED USED FOR INPUT PRIORITY
1	(1)	CHARACTER	1	CONLEVEL	- CONSOLE AUTHORITY LEVEL
2	(2)	CHARACTER	2	CONSRVD2	- Reserved for Development
4	(4)	CHARACTER	1	CONSIFLG	- BUFFER CONTROL FLAG
5	(5)	CHARACTER	1	CONSIFL2	- SECOND BUFFER CONTROL FLAG
6	(6)	CHARACTER	1	CONACTN	- INPUT VERB ACTION CODE

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
7	(7)	CHARACTER	1	CONSCAN	- POINTER TO LAST CHAR IN MSG SCANNED
8	(8)	CHARACTER	3	CONMAUTH	- MCS CONSOLE AUTHORITY LEVEL THESE THREE BYTES ARE MAPPED IN THE CONTROL BLOCK IEFSSCM BYTES SSCMAUTA ABD SSCMDISP 8
11	(B)	CHARACTER	4	CONSRVD1	- THIS STORAGE ADDED TO ALIGN PREAMBLE TO 16 BYTES
15	(F)	CHARACTER	1	CONCHRCT	- NUMBER OF CHARACTERS IN THE MESSAGE

Comment

```
CONCNDB IATYCNDB DSECT=NO Console Destination Block
  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
16	(10)	SIGNED	4	CONCNDB (0)	IATYCNDB.27: based variable for storage mapping
16	(10)	SIGNED	4		Four byte console id 0176
20	(14)	CHARACTER	4		IATYCNDB eyecatcher
24	(18)	ADDRESS	4		IATYCNDB version
28	(1C)	BITSTRING	8		Reserved for development
36	(24)	BITSTRING	8		Console Name 0176
44	(2C)	BITSTRING	24		Reserved for development
68	(44)	SIGNED	2		Reserved for development
70	(46)	BITSTRING	40		Reserved for development
70	(46)	X'6E'	0	CONPRELN	"*-CONSMESS" INPUT PREAMBLE LENGTH
110	(6E)	CHARACTER	126	CONMESSG	TEXT OF INPUT MESSAGE
110	(6E)	X'EC'	0	CONMSGEN	"*" END OF COMMAND TEXT
236	(EC)	CHARACTER	1	CONTOKEN	SECURITY TOKEN
236	(EC)	X'13C'	0	CONSIEND	"*"
236	(EC)	X'13C'	0	CONMESSZ	"CONSIEND-CONSMESS" Size of CONMESS buffer
236	(EC)	X'148'	0	CONBUFSZ	"CONSAPEN+CONMESSZ" Total size of buffer 4

Comment

```
-------------------------------------------------------------
-------------------------------------------------------------
      Flags for command buffer control byte CONSIFLG in
      CONSMESS DSECT
-------------------------------------------------------------
```

End of Comment

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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- Flags for command buffer control byte CONSAFLG in CONSACTN DSECT ----------
					End of Comment
		1...		CNFCTDEQ	"X'80'" - BUFFER TO BE DEQUEUED FROM THE ACTION CHAIN
					Comment
					---------- Flags for command buffer control byte CONSAFLG in CONSACTN DSECT ----------
					End of Comment
		.1..		CNBLEOD	"X'40'" - BLANK IS EOD (SCAN RTN)
		..1.		CNCOMMA	"X'20'" - DELIM IS COMMA (SCAN RTN)
		...1		CNUNKCMD	"X'10'" - UNKNOWN COMMAND 3
					Comment
					---------- MISCELLANEOUS CONSTANTS AND EQUATES RELATED TO CELL POOLS USED BY CONSOLES AND CONSOLE SERVICE ----------
					End of Comment
236	(EC)	X'14'	0	CONSPOOL	"20" SUBPOOL ID FOR CELL POOL STORAGE 2

IATYCNS Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
CNBLEOD	EC	40	CONCHRCT	F	
CNCALL	0	41	CONCNDB	10	
CNCANCEL	0	3	CONLEVEL	1	
CNCMDTR	EC	1	CONMAUTH	8	
CNCOMMA	EC	20	CONMESSG	6E	
CNDUMP	0	E1	CONMESSZ	EC	13C
CNFAIL	0	11	CONMSGEN	6E	EC
CNFCTDEQ	EC	80	CONPRELN	46	6E
CNFREE	0	21	CONSACHN	0	
CNINQUIR	0	43	CONSACTN	0	
CNINTCOM	EC	20	CONSAEND	C	148
CNMESSAG	0	A1	CONSAFCT	8	
CNMODIFY	0	44	CONSAFLG	4	
CNMULT	EC	10	CONSAMSG	C	
CNRESTRT	0	2	CONSAPEN	8	C
CNRETURN	0	E2	CONSCAN	7	
CNSEND	0	5	CONSIEND	EC	13C
CNSTART	0	1	CONSIFLG	4	
CNSWITCH	0	C1	CONSIFL2	5	
CNTRACE	0	D1	CONSMESS	0	
CNUNKCMD	EC	10	CONSPOOL	EC	14
CNVALCHK	EC	2	CONSPRTY	0	
CNVARY	0	42	CONSRVD1	B	
CONACTN	6		CONSRVD2	2	
CONBUFSZ	EC	148	CONTOKEN	EC	

IATYCOW Programming Interface information

Programming Interface information

IATYCOW

End of Programming Interface information

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IATYCOW Heading Information

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

IATYCOW Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	COWSTART	DSECT start of COW data area
0	(0)	SIGNED	2	COWREQLN	Length of staging area request/reply area
0	(0)	X'0'	0	COWREQST	"COWREQLN" Request/Reply area
0	(0)	X'5E'	0	SACOWPTR	"STADATA" Pointer in the staging area to the COW
2	(2)	CHARACTER	4	COWID	Work area identifier
6	(6)	ADDRESS	1	COWVER	COW version
6	(6)	X'1'	0	COWIVER	"1" Initial version number
6	(6)	X'2'	0	COWCTVER	"2" Version number supporting CTOKENs
6	(6)	X'2'	0	COWCVER	"COWCTVER" Current version number
7	(7)	BITSTRING	1	COWRSVD1	Reserved for development
8	(8)	ADDRESS	4	COWNEXT	COW next chain pointer
12	(C)	ADDRESS	4	COWPREV	COW previous chain pointer

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- Application related information. This information is set by IATSISO when an IEFSSREQ request is issued from an application thread. NOTE: Field COWTRDCT MUST follow field COWAPJBI! ----------
					End of Comment
16	(10)	CHARACTER	8	COWAPJBN	Application's job name
24	(18)	CHARACTER	8	COWCKPID (0)	SAPI thread checkpoint id 0025
24	(18)	SIGNED	4	COWAPJBI	Application's job number
28	(1C)	SIGNED	4	COWTRDCT	Application's thread count
32	(20)	SIGNED	4	COWAASCB	Application ASCB address
36	(24)	SIGNED	4	COWAPTCB	Appl thread TCB address
40	(28)	BITSTRING	16	COWTCBTK	Appl thread TCB token
56	(38)	SIGNED	4	COWAPSTT (2)	Appl thread start time (STCK at time of first IEFSSREQ request)
64	(40)	SIGNED	4	COWAPRQT (2)	Appl thread request time (STCK of last IATSISO SSISERV)
72	(48)	BITSTRING	8	COWPRIV	Appl information copied from SSS2PRIV prior to SSISERV processing; Appl info copied to SSS2PRIV prior to returning to the thread (Appl may have changed it on global)
80	(50)	SIGNED	4	COWSLJBI	Job number of job being selected in SSS2 (could be single value or low range)
84	(54)	SIGNED	4	COWSHJBI	Job number of job being selected in SSS2 (high range)
88	(58)	CHARACTER	8	COWSDST	Selection destination
96	(60)	CHARACTER	8	COWS2DST	Selection sec destination
104	(68)	CHARACTER	8	COWUDST	Update destination
112	(70)	CHARACTER	8	COWU2DST	Update sec destination
112	(70)	X'20'	0	COWDSTSZ	"*-COWSDST" Destination info area size
					Comment
					This line deleted by APAR OW24160
					End of Comment
120	(78)	ADDRESS	4	COWCSBTA	CSBT address for the OSE buffer read
124	(7C)	SIGNED	4	COWLEN	Length of this COW
128	(80)	SIGNED	4	COWRSVD2	Reserved for development
132	(84)	SIGNED	2	COWSEEDS	Number of DS checked by Get routine
134	(86)	SIGNED	2	COWSEEMK	Exclusion mask from the SEE address space and thread
136	(88)	ADDRESS	4	COWDSTOK	Address of returned dataset token. IATSISO only
					Comment
					---------- Dataset 'checkpoint' information. This information is set by IATOSSO when a dataset is being passed to the thread. It is used during dataset disposition processing which results from the subsequent IEFSSREQ request made by thread. During the subsequent IEFSSREQ request, it is also used as a starting point in the search for the next dataset to be processed by the thread. ----------
					End of Comment
140	(8C)	SIGNED	4	COWCKJBI	Checkpointed job number
144	(90)	BITSTRING	2	COWOSEBF	OSE buffer number
146	(92)	BITSTRING	2	COWVOFST	OSE variable section offset
148	(94)	BITSTRING	2	COWDOFST	OSE dataset section offset
150	(96)	BITSTRING	1	COWOSEFB	OSE FDB save area + buff num

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
150	(96)	X'18'	0	COWDCKSZ	"*-COWCKJBI" Dataset ckpt info area size

Comment

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

End of Comment

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

Comment

```
-------------------------------------------------------------
        Definition of COWFLAG1
-------------------------------------------------------------
```

End of Comment

		1...		COWJIRNG	"X'80'" Selection by job id range
		.1..		COWJNWLD	"X'40'" Sel by wildcard in job name
		..1.		COWASWQE	"X'20'" SSISERV TYPE=REPLY issued ..add entry on SAPI wait q
		...1		COWPURSA	"X'10'" Task abnormally terminating ..purge SA after cleanup
		.... 1...		COWSSDST	"X'08'" Selection by sec dest
		.... .1..		COWUSUSR	"X'04'" Update to include userid
		.... ..1.		COWDSUSR	"X'02'" Default (blank) userid update
		1		COWBKIO	"X'01'" IATXBKIO ACCESS activated for block spooler
209	(D1)	BITSTRING	3	COWRSVD4	Reserved for development
212	(D4)	SIGNED	4	COWRSVD5 (6)	Reserved for development
236	(EC)	BITSTRING	8	COWPSOTM	SAPI writer start time SDWPSOTM

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- Data fields need for SAPI Exclusion Element create routine in IATOSGR (IATXSEE FUNC=CREATE). ----------	
				End of Comment	
244	(F4)	SIGNED	2	COWSBUF	OSE buffer number
246	(F6)	SIGNED	2	COWSVAR	OSE variable entry offset
248	(F8)	SIGNED	4	COWRSVU1 (2)	Reserved for user
				Comment	
				---------- Data Areas Used By SWB Routine in IATSISO. ----------	
				End of Comment	
256	(100)	SIGNED	4	COWSWBST	Size of permanent storage used for SWB processing
260	(104)	ADDRESS	4	COWBUFAD	Spool Buffer Address
264	(108)	ADDRESS	4	COWAUXAD	Aux Spool Buffer Address
268	(10C)	ADDRESS	4	COWKMERT	A(MERGE TU key list)
272	(110)	ADDRESS	4	COWKERAT	A(ERASE TU key list)
276	(114)	ADDRESS	4	COWADMPT	A(SJF SWBTU_MERGE) plist
280	(118)	ADDRESS	4	COWADPPT	A(SJF PUTSWB) plist
284	(11C)	ADDRESS	4	COWADDPT	A(SJF DELETESWB) plist
288	(120)	ADDRESS	4	COWGDBK	A(Block Spooler Parm List)
292	(124)	ADDRESS	4	COWADMKT	Single SWBTU_MERGE Pointer List
				Comment	
				---------- The following fields contain the job level accounting information from the JOB card associated with each dataset in the job. ----------	
				End of Comment	
296	(128)	BITSTRING	1	COWACCNT	Number of acct fields
297	(129)	BITSTRING	143	COWACTXT	Job card accounting fields
				Comment	
				---------- Internal trace to provide footprints of SAPI processing. ----------	
				End of Comment	
440	(1B8)	BITSTRING	248	COWTRACE	Internal trace
440	(1B8)	X'1'	0	COWE0000	"01" Trace element
440	(1B8)	X'2'	0	COWE0010	"02" Trace element
440	(1B8)	X'A'	0	COWE0100	"10" Trace element
440	(1B8)	X'C'	0	COWE0120	"12" Trace element
440	(1B8)	X'D'	0	COWE0130	"13" Trace element
440	(1B8)	X'10'	0	COWE0160	"16" Trace element
440	(1B8)	X'11'	0	COWE0170	"17" Trace element
440	(1B8)	X'12'	0	COWE0180	"18" Trace element
440	(1B8)	X'14'	0	COWE0200	"20" Trace element
440	(1B8)	X'15'	0	COWE0210	"21" Trace element
440	(1B8)	X'16'	0	COWE0220	"22" Trace element
440	(1B8)	X'17'	0	COWE0230	"23" Trace element

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
440	(1B8)	X'18'	0	COWE0240	"24" Trace element
440	(1B8)	X'19'	0	COWE0250	"25" Trace element
440	(1B8)	X'1E'	0	COWE0300	"30" Trace element
440	(1B8)	X'1F'	0	COWE0310	"31" Trace element
440	(1B8)	X'20'	0	COWE0320	"32" Trace element
440	(1B8)	X'24'	0	COWE0360	"36" Trace element
440	(1B8)	X'28'	0	COWE0400	"40" Trace element
440	(1B8)	X'29'	0	COWE0410	"41" Trace element
440	(1B8)	X'2A'	0	COWE0420	"42" Trace element
440	(1B8)	X'2C'	0	COWE0440	"44" Trace element
440	(1B8)	X'2D'	0	COWE0450	"45" Trace element
440	(1B8)	X'32'	0	COWE0500	"50" Trace element
440	(1B8)	X'34'	0	COWE0520	"52" Trace element
440	(1B8)	X'35'	0	COWE0530	"53" Trace element
440	(1B8)	X'3C'	0	COWE0600	"60" Trace element
440	(1B8)	X'3D'	0	COWE0610	"61" Trace element
440	(1B8)	X'46'	0	COWE0700	"70" Trace element
440	(1B8)	X'47'	0	COWE0710	"71" Trace element
440	(1B8)	X'48'	0	COWE0720	"72" Trace element
440	(1B8)	X'49'	0	COWE0730	"73" Trace element
440	(1B8)	X'5A'	0	COWE0900	"90" Trace element
440	(1B8)	X'62'	0	COWE0980	"98" Trace element
440	(1B8)	X'63'	0	COWE0990	"99" Trace element
440	(1B8)	X'64'	0	COWG0000	"100" Trace element
440	(1B8)	X'65'	0	COWG0010	"101" Trace element
440	(1B8)	X'66'	0	COWG0020	"102" Trace element
440	(1B8)	X'6E'	0	COWG0100	"110" Trace element
440	(1B8)	X'73'	0	COWG0200	"115" Trace element
440	(1B8)	X'78'	0	COWG0300	"120" Trace element
440	(1B8)	X'7D'	0	COWG0400	"125" Trace element
440	(1B8)	X'82'	0	COWG0600	"130" Trace element
440	(1B8)	X'87'	0	COWG0700	"135" Trace element
440	(1B8)	X'8C'	0	COWG0800	"140" Trace element
440	(1B8)	X'91'	0	COWG0900	"145" Trace element
440	(1B8)	X'96'	0	COWP0000	"150" Trace element
440	(1B8)	X'9F'	0	COWP0090	"159" Trace element
440	(1B8)	X'A0'	0	COWP0100	"160" Trace element
440	(1B8)	X'A5'	0	COWP0150	"165" Trace element
440	(1B8)	X'AA'	0	COWP0300	"170" Trace element
440	(1B8)	X'AF'	0	COWP0350	"175" Trace element
440	(1B8)	X'B0'	0	COWP0360	"176" Trace element
440	(1B8)	X'B4'	0	COWP0400	"180" Trace element
440	(1B8)	X'B9'	0	COWP0450	"185" Trace element
440	(1B8)	X'BE'	0	COWP0500	"190" Trace element
440	(1B8)	X'C3'	0	COWP0550	"195" Trace element
440	(1B8)	X'C8'	0	COWP0600	"200" Trace element
440	(1B8)	X'CD'	0	COWP0650	"205" Trace element
440	(1B8)	X'D2'	0	COWP0700	"210" Trace element
440	(1B8)	X'D7'	0	COWP0800	"215" Trace element
440	(1B8)	X'D8'	0	COWP0810	"216" Trace element
440	(1B8)	X'DA'	0	COWP0830	"218" Trace element
440	(1B8)	X'DC'	0	COWP0900	"220" Trace element
440	(1B8)	X'DD'	0	COWP0910	"221" Trace element
440	(1B8)	X'DE'	0	COWP0920	"222" Trace element
440	(1B8)	X'DF'	0	COWP0930	"223" Trace element
440	(1B8)	X'E0'	0	COWP0940	"224" Trace element
440	(1B8)	X'E6'	0	COWM0000	"230" Trace element
440	(1B8)	X'E8'	0	COWM0220	"232" Trace element
440	(1B8)	X'EA'	0	COWM0224	"234" Trace element
440	(1B8)	X'EB'	0	COWC0000	"235" Trace element
440	(1B8)	X'F0'	0	COWR0000	"240" Trace element
440	(1B8)	X'F5'	0	COWN0000	"245" Trace element
440	(1B8)	X'F6'	0	COWN0100	"246" Trace element
440	(1B8)	X'F7'	0	COWN0200	"247" Trace element

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
440	(1B8)	X'F8'	0	COWN0300	"248" Trace element
440	(1B8)	X'F9'	0	COWN0400	"249" Trace element
440	(1B8)	X'FA'	0	COWJSTAE	"250" Trace element
440	(1B8)	X'FB'	0	COWRQ000	"251" Trace element 0038
440	(1B8)	X'FF'	0	COWJRTRY	"255" Trace element
440	(1B8)	X'2B0'	0	COWCKSIZ	"*-COWSTART" Size of COW checkpoint section

Comment

END OF CHECKPOINT SECTION.

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

End of Comment

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

Comment

Definition of COWFLAG2

End of Comment

		1...		COWSPC1	"X'80'" Single space output
		.1..		COWSPC2	"X'40'" Double space output
		..1.		COWOVFL	"X'20'" Overflow on CH. 12
		...1		COWOPCDJ	"X'10'" OPTCD=J was specified
		.... 1...		COWVCKPL	"X'08'" Ckpt lines is valid
		.... .1..		COWVCKPP	"X'04'" Ckpt pages is valid
		.... ..1.		COWVCKSC	"X'02'" Ckpt secs is valid
		1		COWVCTAB	"X'01'" Compact table is valid
814	(32E)	BITSTRING	1	COWFLAG3	Flag Byte

Comment

Definition of COWFLAG3

End of Comment

		1...		COWCPOSE	"X'80'" Checkpoint OSE FDB used
		.1..		COWSEETD	"X'40'" Thread level SEE is to be created by IATXSEE
		..1.		COWSEEAS	"X'20'" Address space level SEE to be created by IATXSEE
		...1		COWSEEAD	"X'10'" COWSEEMK is valid
		.... 1...		COWTDSEE	"X'08'" Delete SEES for this thread

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.... .1..		COWOSSRJ	"X'04'" IATOSOR SAPISCHD selection 0025 mismatch due to non-MOSE 0025 attribute; get next OSS 0025
		.... ..1.		COWNEWOS	"X'02'" Create SEE for new OSE
		1		COWFL301	"X'01'" Reserved for development
815	(32F)	BITSTRING	1	COWRSVD6	Reserved for development
816	(330)	ADDRESS	4	COWPENSA	Pending staging area pointer
820	(334)	ADDRESS	4	COWSAPTR	Pointer to staging area (valid on global only)
824	(338)	SIGNED	4	COWTOD	Dataset TOD value
828	(33C)	SIGNED	4	COWOSS	OSS address used in IATOSOR 0025 SAPISCHD routine 0025
832	(340)	SIGNED	4	COWRSVD7 (4)	Reserved for development 0025
848	(350)	SIGNED	4	COWRSVS5 (3)	Reserved for service
860	(35C)	SIGNED	4	COWRSVU2 (2)	Reserved for user
868	(364)	BITSTRING	1	COWFLAG4	Flag byte

Comment

Definition of COWFLAG4

End of Comment

		1...		COWFIRRQ	"X'80'" First thread request
		.1..		COWSAPRO	"X'40'" S.A. being processed
		..1.		COWSAPEN	"X'20'" S.A. on pending SDA chain
		...1		COWAPTRM	"X'10'" Application associated w/this COW is terminating
		.... 1...		COWMOSE	"X'08'" MOSE being used in SAPISCHD selection routine
		.... .1..		COWUOST	"X'04'" Use OST in selecting SYSOUT 0023
		.... ..1.		COWCLNIP	"X'02'" Cleanup has begun for application terminating
		1		COWDXECL	"X'01'" Show this is a request for exclusion cleanup
869	(365)	BITSTRING	3	COWRSVD8	Reserved for development
872	(368)	SIGNED	4	COWCLPTR	SSS2CLSL pointer
876	(36C)	SIGNED	4	COWSAVEA (18)	Register Save area for SAPISCHD rtn (IATOSOR), SJF routine (IATSIAD).
948	(3B4)	ADDRESS	4	COWRETAD	Return address save area for SAPISCHD rtn (IATOSOR)

Comment

Data Areas Used By SWB Routine in IATSISO.

End of Comment

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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				The following ASAXWC related fields are used in the IATOSOR SAPISCHD routine, invoked from IATOSSC or IATOSSO. ASAXWC list form	
				MACDATE -05/30/00-<0>	
				End of Comment	
0	(0)	X'3E8'	0	M00M0002	"WCLIST" ++ ASAXWC NAME
1000	(3E8)	DBL WORD	8	WCLIST (0)	++ ASAXWC PARM LIST
1000	(3E8)	ADDRESS	4	WCLIST_XPATTERNSTR_ADDR	++ ADDR XPATTERNSTR
1004	(3EC)	SIGNED	4	WCLIST_XPATTERNSTRLEN	++ XPATTERNSTRLEN
1008	(3F0)	ADDRESS	4	WCLIST_XSTRING_ADDR	++ ADDR XSTRING
1012	(3F4)	SIGNED	4	WCLIST_XSTRINGLEN	++ XSTRINGLEN
1016	(3F8)	ADDRESS	4	WCLIST_XZEROORMORE_ADDR	++ ADDR XZEROORMORE
1020	(3FC)	ADDRESS	4	WCLIST_XONECHAR_ADDR	++ ADDR XONECHAR
1024	(400)	ADDRESS	4	WCLIST_XDELIMITER_ADDR	++ ADDR XDELIMITER
1024	(400)	X'1C'	0	WCLISTL	"*-WCLIST" ++ LENGTH OF PLIST
				Comment	
				ASAXWC-0	
				ASAXWC related fields.	
				End of Comment	
1028	(404)	SIGNED	4	WCMXPRML	Length of max JES3 char length
1032	(408)	SIGNED	4	WCJ3PRMA	Address of JES3 field
1036	(40C)	SIGNED	4	WCJ3PRML	Length of JES3 characters
1040	(410)	SIGNED	4	WCS2PRMA	Address of SSS2 field
1044	(414)	SIGNED	4	WCS2PRML	Length of SSS2 characters
1048	(418)	SIGNED	4	WCRETCD	ASAXWC return code
1052	(41C)	CHARACTER	1	ONECHAR	Single character identifier
1053	(41D)	CHARACTER	1	ZRORMOR	Multiple char identifier
1054	(41E)	BITSTRING	256	WCWORK	ASAXWC work area
1310	(51E)	BITSTRING	2	COWRSVD9	Reserved for development
1312	(520)	BITSTRING	1	COWSSOB_V1 (0)	Start of the SSOB sent in staging area from a local with a version 1 COW
1312	(520)	BITSTRING	80	COWCTOKN	CTOKEN for requested dataset
				Comment	
				END OF COW SECTION FOR SAPI STAGING AREA PROCESSING.	
				End of Comment	
1312	(520)	X'2C0'	0	COWCOMSZ	"*-COWDSINF" Size of non-ckpt area used in clearing of this area for new GET request
1392	(570)	DBL WORD	8	COWEND (0)	End of COW data area
1392	(570)	BITSTRING	0	COWSIZE (0)	Size of COW area
1392	(570)	BITSTRING	1	COWSSOB (0)	Start of the SSOB sent in staging area

IATYCOW Cross Reference

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

IATYCOW Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
COWAASCB	20	0	COWE0130	1B8	D
COWACCNT	128	0	COWE0160	1B8	10
COWACTXT	129	0	COWE0170	1B8	11
COWADDPT	11C		COWE0180	1B8	12
COWADMKT	124		COWE0200	1B8	14
COWADMPT	114		COWE0210	1B8	15
COWADPPT	118		COWE0220	1B8	16
COWAPJBI	18	0	COWE0230	1B8	17
COWAPJBN	10	40404040	COWE0240	1B8	18
COWAPRQT	40	0	COWE0250	1B8	19
COWAPSTT	38	0	COWE0300	1B8	1E
COWAPTCB	24	0	COWE0310	1B8	1F
COWAPTRM	364	10	COWE0320	1B8	20
COWASWQE	D0	20	COWE0360	1B8	24
COWAUXAD	108		COWE0400	1B8	28
COWBKIO	D0	1	COWE0410	1B8	29
COWBRTKN	A4	6E	COWE0420	1B8	2A
COWBTOK	96	A4	COWE0440	1B8	2C
COWBUFAD	104		COWE0450	1B8	2D
COWBUFLN	3D4	0	COWE0500	1B8	32
COWCCNTL	32C	0	COWE0520	1B8	34
COWCKJBI	8C	0	COWE0530	1B8	35
COWCKPID	18		COWE0600	1B8	3C
COWCKPL	2C4	0	COWE0610	1B8	3D
COWCKPP	2C6	0	COWE0700	1B8	46
COWCKPS	2C8	0	COWE0710	1B8	47
COWCKSIZ	1B8	2B0	COWE0720	1B8	48
COWCLNIP	364	2	COWE0730	1B8	49
COWCLPTR	368	0	COWE0900	1B8	5A
COWCOMSZ	520	2C0	COWE0980	1B8	62
COWCPOSE	32E	80	COWE0990	1B8	63
COWCSBTA	78		COWFCBID	2C0	40404040
COWCTABN	2CC	40404040	COWFFDBV	2D8	0
COWCTOKN	520	0	COWFIRRQ	364	80
COWCTVER	6	2	COWFLAG1	D0	0
COWCVER	6	2	COWFLAG2	32D	0
COWC0000	1B8	EB	COWFLAG3	32E	0
COWDATCC	3C0		COWFLAG4	364	0
COWDCKSZ	96	18	COWFL301	32E	1
COWDOFST	94	0	COWGDBK	120	
COWDSINF	2B0		COWG0000	1B8	64
COWDSSIZ	3E2	3E4	COWG0010	1B8	65
COWDSTOK	88		COWG0020	1B8	66
COWDSTSZ	70	20	COWG0100	1B8	6E
COWDSUSR	D0	2	COWG0200	1B8	73
COWDXECL	364	1	COWG0300	1B8	78
COWEND	570		COWG0400	1B8	7D
COWERTLN	3DE	0	COWG0600	1B8	82
COWE0000	1B8	1	COWG0700	1B8	87
COWE0010	1B8	2	COWG0800	1B8	8C
COWE0100	1B8	A	COWG0900	1B8	91
COWE0120	1B8	C	COWID	2	C3D6E640

Name	Hex Offset	Hex Value
COWIVER	6	1
COWJDSFB	2B0	0
COWJIRNG	D0	80
COWJNWLD	D0	40
COWJRTRY	1B8	FF
COWJSTAE	1B8	FA
COWKERAT	110	
COWKMERT	10C	
COWLEN	7C	0
COWMDTLN	3DA	0
COWMOSE	364	8
COWMRECD	2D4	0
COWM0000	1B8	E6
COWM0220	1B8	E8
COWM0224	1B8	EA
COWNEWOS	32E	2
COWNEXT	8	
COWN0000	1B8	F5
COWN0100	1B8	F6
COWN0200	1B8	F7
COWN0300	1B8	F8
COWN0400	1B8	F9
COWOPCDJ	32D	10
COWOSEBF	90	0
COWOSEFB	96	
COWOSS	33C	0
COWOSSRJ	32E	4
COWOTSWB	2B6	0
COWOVFL	32D	20
COWPEND	10	
COWPENSA	330	
COWPID	0	C3D6E6D7
COWPNEXT	4	
COWPPREV	8	
COWPREFX	0	
COWPREV	C	
COWPRIV	48	0
COWPRSV1	C	
COWPSIZE	10	
COWPSOTM	EC	0
COWPURSA	D0	10
COWP0000	1B8	96
COWP0090	1B8	9F
COWP0100	1B8	A0
COWP0150	1B8	A5
COWP0300	1B8	AA
COWP0350	1B8	AF
COWP0360	1B8	B0
COWP0400	1B8	B4
COWP0450	1B8	B9
COWP0500	1B8	BE
COWP0550	1B8	C3
COWP0600	1B8	C8
COWP0650	1B8	CD
COWP0700	1B8	D2
COWP0800	1B8	D7
COWP0810	1B8	D8
COWP0830	1B8	DA
COWP0900	1B8	DC
COWP0910	1B8	DD
COWP0920	1B8	DE
COWP0930	1B8	DF
COWP0940	1B8	E0
COWREQLN	0	
COWREQST	0	0

Name	Hex Offset	Hex Value
COWRETAD	3B4	
COWRQ000	1B8	FB
COWRSVDA	3E2	0
COWRSVD1	7	0
COWRSVD2	80	0
COWRSVD4	D1	0
COWRSVD5	D4	0
COWRSVD6	32F	0
COWRSVD7	340	0
COWRSVD8	365	0
COWRSVD9	51E	0
COWRSVS4	2CA	0
COWRSVS5	350	0
COWRSVU1	F8	0
COWRSVU2	35C	0
COWR0000	1B8	F0
COWSAPEN	364	20
COWSAPRO	364	40
COWSAPTR	334	
COWSAVEA	36C	0
COWSBR13	3B8	0
COWSBUF	F4	
COWSDST	58	40404040
COWSEEAD	32E	10
COWSEEAS	32E	20
COWSEEDS	84	0
COWSEEMK	86	0
COWSEETD	32E	40
COWSHJBI	54	0
COWSIZE	570	
COWSLJBI	50	0
COWSPC1	32D	80
COWSPC2	32D	40
COWSSDST	D0	8
COWSSOB	570	
COWSSOB_V1	520	
COWSTART	0	
COWSVAR	F6	
COWSWBC	3CC	
COWSWBMA	3D0	
COWSWBMS	3DC	0
COWSWBST	100	0
COWS2DST	60	40404040
COWTCBTK	28	0
COWTDSEE	32E	8
COWTKENT	A6	7
COWTKID	AA	C2E3D6D2
COWTKPL1	A8	4
COWTKPL2	AE	2
COWTKPL3	B2	4
COWTKPL4	B8	4
COWTKPL5	BE	2
COWTKPL6	C2	8
COWTKPL7	CC	2
COWTKPTR	B4	0
COWTKRNM	B1	2
COWTKSAP	B0	2
COWTKTYP	B0	0
COWTKVER	B0	
COWTKVRS	B1	0
COWTOD	338	0
COWTOKEN	2DC	
COWTRACE	1B8	0
COWTRDCT	1C	0
COWUCSID	2BC	40404040

IATYCOW Cross Reference

Name	Hex Offset	Hex Value
COWUDST	68	40404040
COWUMSBZ	3E0	0
COWUOST	364	4
COWUPPTR	3C4	
COWUSBSZ	3D6	0
COWUSPLN	3BC	0
COWUSUSR	D0	4
COWUSWBN	3D8	0
COWUSWBP	3C8	
COWU2DST	70	40404040
COWVCKPL	32D	8
COWVCKPP	32D	4
COWVCKSC	32D	2
COWVCTAB	32D	1
COWVER	6	
COWVOFST	92	0
M00M0002	0	3E8
ONECHAR	41C	6F
SACOWPTR	0	5E
WCJ3PRMA	408	0
WCJ3PRML	40C	0
WCLIST	3E8	
WCLIST_XDELIMITER_ADDR	400	
WCLIST_XONECHAR_ADDR	3FC	
WCLIST_XPATTERNSTR_ADDR	3E8	
WCLIST_XPATTERNSTRLEN	3EC	
WCLIST_XSTRING_ADDR	3F0	
WCLIST_XSTRINGLEN	3F4	
WCLIST_XZEROORMORE_ADDR	3F8	
WCLISTL	400	1C
WCMXPRML	404	0
WCRETCD	418	0
WCS2PRMA	410	0
WCS2PRML	414	0
WCWORK	41E	0
ZRORMOR	41D	5C

IATYCPB Programming Interface information

Programming Interface information

IATYCPB

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

- CPBCPAT
- CPBCPRT

End of Programming Interface information

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IATYCPB Heading Information

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

IATYCPB Map

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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
120	(78)	X'2'	0	CPBPGRLE	"2" LENGTH OF A PAGE RELEASE TABLE ENTRY
120	(78)	X'FF'	0	CPBEXTNT	"255" OLD MAXIMUM NUMBER OF EXTENTS 0038
120	(78)	X'2BC'	0	CPBEXTN2	"700" NEW MAXIMUM NUMBER OF EXTENTS 0038
120	(78)	X'2710'	0	CPBEXTN3	"10000" Maximum number of extents for large numbers of concurrent jobs of a particular type
120	(78)	BITSTRING	0	CPBHILMT	"X'7FFFFFFF'" MAXIMUM EXTENT SIZE
120	(78)	X'4'	0	CPBRET4	"4" RETURN CODE OF 4
120	(78)	X'8'	0	CPBRET8	"8" RETURN CODE OF 8
120	(78)	X'C'	0	CPBRET12	"12" RETURN CODE OF 12
120	(78)	X'10'	0	CPBRET16	"16" RETURN CODE OF 16
120	(78)	X'14'	0	CPBRET20	"20" RETURN CODE OF 20
120	(78)	X'18'	0	CPBRET24	"24" RETURN CODE OF 24
120	(78)	X'1C'	0	CPBRET28	"28" RETURN CODE OF 28
120	(78)	X'20'	0	CPBRET32	"32" RETURN CODE OF 32
120	(78)	X'24'	0	CPBRET36	"36" RETURN CODE OF 36
120	(78)	X'28'	0	CPBRET40	"40" RETURN CODE OF 40
120	(78)	X'2C'	0	CPBRET44	"44" RETURN CODE OF 44
120	(78)	X'30'	0	CPBRET48	"48" RETURN CODE OF 48
120	(78)	X'34'	0	CPBRET52	"52" Return code of 52 (x'34')
120	(78)	X'38'	0	CPBRET56	"56" Return code of 56 (x'38')
120	(78)	X'3C'	0	CPBRET60	"60" Return code of 60 (x'3C')
124	(7C)	SIGNED	4	CPBPEND (0)	END OF MAIN SECTION OF IATYCPB
124	(7C)	X'7C'	0	CPBPSIZ	"(CPBPEND-CPBSTART)" LENGTH OF MAIN SECTION

Comment

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

End of Comment

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

Comment

DEFINITION OF CPB FLAG 2

End of Comment

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

Comment

DEFINITION OF CPB FLAG 3

End of Comment

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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.... 1...		CPBF3RV4	"X'08'" RESERVED FOR FUTURE DEVELOPMENT
		.... .1..		CPBF3RV5	"X'04'" RESERVED FOR FUTURE DEVELOPMENT
		.... ..1.		CPBF3RV6	"X'02'" RESERVED FOR FUTURE DEVELOPMENT
		1		CPBF3RV7	"X'01'" RESERVED FOR FUTURE DEVELOPMENT

Comment

```
          COMPARE AND SWAP BYTE
    THIS BYTE MUST ALWAYS BE THE FOURTH BYTE FROM CPBFLAG1
CPBRES1 DS X BYTE USED FOR COMPARE AND SWAP
CPBBUSY EQU X'80' THE BUSY BIT FOR COMPARE AND SWAP
          USERS BYTE
```

End of Comment

127	(7F)	BITSTRING	1	CPBFLAG4	FOR CALLERS USE
128	(80)	SIGNED	4	CPBUSER	RESERVED FOR USER
132	(84)	SIGNED	4	CPBDEV (2)	RESERVED FOR DEVELOPMENT
140	(8C)	SIGNED	4	CPBSERVC	RESERVED FOR SERVICE
144	(90)	SIGNED	4	CPBCELAD	CELL ADDRESS

Comment

```
-------------------------------------------------------------
      THE FOLLOWING FIELDS MUST BE CONTIGUOUS BECAUSE
      THEY ARE USED FOR INPUT TO A TRACE ENTRY FOR ERROR
      RETURNS FOR THE IATXGCL AND IATXRCL MACROS
-------------------------------------------------------------
```

End of Comment

148	(94)	SIGNED	4	CPBTRCST (0)	START OF TRACE WORK AREA
148	(94)	SIGNED	4	CPBSAVEA (5)	SAVE AREA FOR R2 - R6 IN GET AND RET CELL
168	(A8)	SIGNED	4	CPBSAVEB	SAVE AREA FOR REG 10 IN GET AND RET CELL
172	(AC)	SIGNED	4	CPBPRICP	SAVE AREA FOR THE PRIMARY CPB ADDRESS PASSED TO IATXGCL AND IATXRCL
176	(B0)	SIGNED	4	CPBRETCD	SAVE AREA FOR THE RETURN CODE FROM IATXGCL, IATXRCL or IATXBPL
180	(B4)	SIGNED	4	CPBRETAD	SAVE AREA FOR THE RETURN ADDRESS FROM THE IATXGCL AND IATXRCL CALLER.
180	(B4)	X'B8'	0	CPBGCLND	"*" END OF IATXGCL TRACE WORK AREA
184	(B8)	SIGNED	4	CPBCLADD	SAVE AREA FOR THE CELL ADDRESS PASSED TO IATXRCL
184	(B8)	X'BC'	0	CPBRCLND	"*" END OF IATXRCL TRACE WORK AREA
184	(B8)	X'9'	0	CPBGCLTR	"((CPBGCLND-CPBTRCST)/4)" IATXGCL WRK AREA LENGTH FOR TRACE MACRO
184	(B8)	X'A'	0	CPBRCLTR	"((CPBRCLND-CPBTRCST)/4)" IATXRCL WRK AREA LENGTH FOR TRACE MACRO

Comment

```
-------------------------------------------------------------
      THIS IS THE END OF THE WORK AREA FOR THE TRACE ENTRY
-------------------------------------------------------------
      Data Space Cell Pools Related Fields
      This CPB section contains information related to
      cellpools in a data space. It contains the data
      space name, its STOKEN, storage allocation map
      pointer, etc.
      There may be multiple cellpools sharing the same
      data space. All the CPBs for those cellpools point
      to the base CPB.
```

End of Comment

188	(BC)	CHARACTER	8	CPBXDSPN	Data space name
196	(C4)	BITSTRING	8	CPBXSTKN	STOKEN for the data space

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
204	(CC)	SIGNED	4	CPBXALET	ALET for the data space
208	(D0)	SIGNED	4	CPBXDSAT	Address of the Data Space Alloc. Table (DSAT)
212	(D4)	SIGNED	4	CPBXDSZE	Table size in bytes
216	(D8)	SIGNED	4	CPBXNOXT	Total number of extents in the data space
220	(DC)	SIGNED	4	CPBXCRCP	Save area for current CPB when allocating extents in a data sp.
224	(E0)	SIGNED	4	CPBEND (0)	
224	(E0)	X'E0'	0	CPBSIZE	"(CPBEND-CPBSTART)" SIZE OF IATYCPB CONTROL BLOCK

IATYCPB Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
CPBAVLCL	34		CPBMAXCL	78	1000
CPBBEANY	7C	2	CPBMAXEX	22	
CPBBELOW	7C	4	CPBMINCL	78	4
CPBCELAD	90		CPBNRSVA	44	
CPBCELNM	48		CPBNRSVT	40	
CPBCELPG	1E		CPBNXCPB	4	
CPBCELSZ	1C		CPBPEND	7C	
CPBCLADD	B8		CPBPERNO	78	14
CPBCPAT	C		CPBPGRLE	78	2
CPBCPATZ	5C		CPBPGSIZ	78	1000
CPBCPRT	8		CPBPRICP	AC	
CPBCPRTZ	60		CPBPSIZ	7C	7C
CPBCTR	28		CPBRCLND	B8	BC
CPBDEV	84		CPBRCLTR	B8	A
CPBDSBAS	78		CPBRETAD	B4	
CPBDSPCP	7E	40	CPBRETCD	B0	
CPBEND	E0		CPBRET12	78	C
CPBEXSIZ	2C		CPBRET16	78	10
CPBEXTNT	78	FF	CPBRET20	78	14
CPBEXTN2	78	2BC	CPBRET24	78	18
CPBEXTN3	78	2710	CPBRET28	78	1C
CPBFLAG1	7C		CPBRET32	78	20
CPBFLAG2	7D		CPBRET36	78	24
CPBFLAG3	7E		CPBRET4	78	4
CPBFLAG4	7F		CPBRET40	78	28
CPBFREEA	14		CPBRET44	78	2C
CPBF1DEL	7C	20	CPBRET48	78	30
CPBF1FIX	7C	8	CPBRET52	78	34
CPBF1PRM	7C	80	CPBRET56	78	38
CPBF1REL	7C	40	CPBRET60	78	3C
CPBF1RV3	7C	1	CPBRET8	78	8
CPBF1SPN	7C	10	CPBRSVS1	64	
CPBF2BPL	7D	1	CPBSAVEA	94	
CPBF2CAV	7D	40	CPBSAVEB	A8	
CPBF2DEX	7D	8	CPBSECLX	4C	
CPBF2GCL	7D	2	CPBSELPG	50	
CPBF2RCL	7D	4	CPBSERVC	8C	
CPBF2UMG	7D	80	CPBSEXSZ	30	
CPBF3RSV	7E	80	CPBSIZE	E0	E0
CPBF3RV2	7E	20	CPBSPATZ	54	
CPBF3RV3	7E	10	CPBSPRTZ	58	
CPBF3RV4	7E	8	CPBSTART	0	
CPBF3RV5	7E	4	CPBSUBID	24	
CPBF3RV6	7E	2	CPBTOTAV	3C	
CPBF3RV7	7E	1	CPBTOTCE	38	
CPBGCLND	B4	B8	CPBTOTEX	20	
CPBGCLTR	B8	9	CPBTRCST	94	
CPBHIADD	18		CPBUSER	80	
CPBHILMT	78	FFFFFF	CPBWASTE	26	
CPBID	0		CPBXALET	CC	
CPBLOWAD	10		CPBXCRCP	DC	

IATYCPB Cross Reference

Name	Hex Offset	Hex Value
CPBXDSAT	D0	
CPBXDSPN	BC	
CPBXDSZE	D4	
CPBXNOXT	D8	
CPBXSTKN	C4	

IATYCPP Programming Interface information

Programming Interface information

IATYCPP

End of Programming Interface information

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IATYCPP Heading Information

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

IATYCPP Map

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

IATYCPP Cross Reference

Name	Hex Offset	Hex Value
CPPBASCP	12	40
CPPCNUM	0	
CPPCRSVD	4	
CPPCSIZE	C	
CPPDSBAS	1C	
CPPDSPNM	1C	
CPPDSPNP	12	80
CPPEND	24	
CPPFLAGS	12	
CPPMAXET	10	
CPPRESVD	13	
CPPRSVU1	14	
CPPSCNUM	8	
CPPSIZE	24	24
CPPSTART	0	
CPPSUBID	E	

IATYCSBT Heading Information

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

Restrictions: Do not change the offsets for any of the fields located between the following labels: CSBTSTRT and CSBTFEND, and CSBTNTRY and CSBTEFND, and do not change the size of the CSBT header or CSBT entry. These fields are static offsets. Changes in their location will result in incorrect processing.

IATYCSBT Map

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

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

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

				End of Comment	
20	(14)	CHARACTER	4	CSBTDMID	SRF SPOOL RECORD IDENTIFIER
24	(18)	ADDRESS	4	CSBTRCE	RCE ADDRESS
28	(1C)	SIGNED	2	CSBTNUM	CSBT TABLE NUMBER
30	(1E)	BITSTRING	1	CSBTHFL1	CSBT HEADER FLAG 1
		1...		CSBTGETM	"X'80'" THIS CSBT WAS AGETMAINED
31	(1F)	BITSTRING	1	CSBTUSFL	USER SPECIFIC HEADER FLAG
		1...		CSBTRDAL	"X'80'" JESREAD MUST READ IN EVERY 0089 BUFFER IN THIS SRF CHAIN 0089
		.1..		CSBTINST	"X'40'" THE BUFFERS NEEDED FOR THIS 0089 JESREAD HAVE ALREADY BEEN 0089 BEEN READ IN BY MDS 0089
		..1.		CSBTALIN	"X'20'" ALL OF THE BUFFERS IN THIS 0089 SRF CHAIN ARE IN STORAGE 0089
32	(20)	SIGNED	4	CSBTRSV1	RESERVED FOR DEVELOPMENT
32	(20)	X'24'	0	CSBTHEND	"*" END OF HEADER
32	(20)	X'24'	0	CSBTHSIZ	"CSBTHEND-CSBTSTRT" SIZE OF HEADER
				Comment	

```
-----------------------------------------------------------
    CHAINED SRF BUFFER TABLE ENTRIES
-----------------------------------------------------------
```

				End of Comment	
32	(20)	X'24'	0	CSBTENTS	"*" START OF CSBT BUFFER ENTRIES
32	(20)	X'48'	0	CSBTZJD1	"CSBTHSIZ+CSBTNJD1*CSBTLEN+4" Size of primary CSBT-JDS
32	(20)	X'2A8'	0	CSBTZJDS	"CSBTHSIZ+CSBTNJDS*CSBTLEN+4" SIZE OF CSBT-JDS
32	(20)	X'C8'	0	CSBTZJST	"CSBTHSIZ+CSBTNJST*CSBTLEN+4" SIZE OF CSBT-JST
32	(20)	X'48'	0	CSBTZOS1	"CSBTHSIZ+CSBTNOS1*CSBTLEN+4" Size of primary CSBT-OSE
32	(20)	X'2A8'	0	CSBTZOSE	"CSBTHSIZ+CSBTNOSE*CSBTLEN+4" SIZE OF CSBT-OSE
32	(20)	X'C8'	0	CSBTZDJS	"CSBTHSIZ+CSBTNDJS*CSBTLEN+4" SIZE OF CSBT-DJST

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	CSBTNTRY	
0	(0)	SIGNED	2	CSBTENUM	CSBT ENTRY NUMBER
2	(2)	BITSTRING	12	CSBTFDB	SINGLE RECORD FILE FDB
14	(E)	SIGNED	2	CSBTEFND (0)	END OF ENTRY FROZEN SECTION

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

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

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

				End of Comment	
14	(E)	BITSTRING	1	CSBTUFLG	SRF-SPECIFIC USER FLAG BYTE
				Comment	

				THE FOLLOWING DEFINITION OF CSBTUFLG IS USED BY OUTPUT SERVICE TO DESCRIBE OSE BUFFER CONTENTS.	

				End of Comment	
		1...		CSBTOCMP	"X'80'" BUFFER HAS BEEN PROCESSED
		.1..		CSBTOJDV	"X'40'" WORK FOR JES3 MANAGED DEVICE
		..1.		CSBTOBDT	"X'20'" BUFFER CONTAINS BDT WORK
		...1		CSBTOBSC	"X'10'" BUFFER CONTAINS BSC/NJE WORK
		.... 1...		CSBTOBHD	"X'08'" ALL OSE ENTRIES ARE HELD
		.... .1..		CSBTODHD	"X'04'" A DATA SET ENTRY IS HELD
		.... ..1.		CSBTOSYS	"X'02'" OUTPUT ON OSE HOLD QUEUE
		1		CSBTONJE	"X'01'" BUFFER CONTAINS NJERDR WORK 0063
				Comment	

				THE FOLLOWING DEFINITION OF CSBTUFLG IS USED BY MDS TO SHOW WHEN THE STEP ENTRY HAS BEEN FOUND	

				End of Comment	
		1		CSBTBFST	"X'01'" CSBT-JST HAS STEP ENTRY
				Comment	

				THE FOLLOWING FLAGS ARE ONLY USED WITH THE DJST CSBT STRUCTURE.	

				End of Comment	
		1...		CSBTDJAC	"X'80'" DJST HAS ACTIVE ENTRIES
		.1..		CSBTDJAV	"X'40'" DJST HAS AVAILABLE ENTRIES
				Comment	

				THE FOLLOWING FLAGS ARE ONLY USED WITH THE JDS CSBT STRUCTURE.	

				End of Comment	

IATYCSBT Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		1...		CSBTOUTP	"X'80'" JDS BUFFER HAS OUTPUT JDS ENTRIES
		.1..		CSBTALL0	"X'40'" ALL ENTRIES IN THIS JDS ARE ZEROED OUT
		..1.		CSBTSPIN	"X'20'" Buffer contains unprocessed Spinoff output
15	(F)	BITSTRING	1	CSBTIOFL	I/O TO BE PERFORMED FOR THE SRF BUFFER ASSOCIATED WITH THIS CSBT ENTRY
		1...		CSBTREAD	"X'80'" READ THE BUFFER
		.1..		CSBTWRT	"X'40'" WRITE THE BUFFER

Comment

```
-------------------------------------------------------------
      THE FIELD CSBTUSER IS DEFINED BY THE USER OF THE
      IATXCSS MACRO FOR INFORMATION SPECIFIC TO A
      CHAINED SRF.
      Here is how the field us used, by SRF type:
      - JDS: A pointer to the JET control block which
            resides in the JES3JET data space
      - JST: The first halfword contains the high step
            number. The second half is unused.
      - DJST: Not used.
      - OSE: A pointer to the OST control block which
            resides in the JES3OST data space
-------------------------------------------------------------
```

End of Comment

16	(10)	SIGNED	4	CSBTUSER	SRF-SPECIFIC USER DATA AREA
16	(10)	X'10'	0	CSBTHSTP	"CSBTUSER,2" HIGH STEP NUMBER (USED IN CSBT FOR JST)
20	(14)	SIGNED	4	CSBTBUFF	ADDRESS OF JSAM BUFFER INTO WHICH THE SRF BUFFER ASSOCIATED WITH THIS CSBT ENTRY WILL BE READ
24	(18)	SIGNED	4	CSBTRSVU	RESERVED FOR USER
28	(1C)	SIGNED	4	CSBTRSVS	RESERVED FOR SERVICE
28	(1C)	X'20'	0	CSBTEENT	"*" END OF INDIVIDUAL ENTRY
28	(1C)	X'20'	0	CSBTLEN	"CSBTEENT-CSBTNTRY" SIZE OF ONE ENTRY

IATYCSBT Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
CSBTALIN	1F	20	CSBTNDJ1	0	5
CSBTALL0	E	40	CSBTNEXT	4	
CSBTBFST	E	1	CSBTNJDS	0	14
CSBTBUFF	14		CSBTNJD1	0	1
CSBTDJAC	E	80	CSBTNJST	0	5
CSBTDJAV	E	40	CSBTNJS1	0	5
CSBTDMID	14		CSBTNOSE	0	14
CSBTEENT	1C	20	CSBTNOS1	0	1
CSBTEFND	E		CSBTNTRY	0	
CSBTENTS	20	24	CSBTNUM	1C	
CSBTENUM	0		CSBTOBDT	E	20
CSBTFDB	2		CSBTOBHD	E	8
CSBTFEND	14		CSBTOBSC	E	10
CSBTGETM	1E	80	CSBTOCMP	E	80
CSBTHEND	20	24	CSBTODHD	E	4
CSBTHFL1	1E		CSBTOJDV	E	40
CSBTHSIZ	20	24	CSBTONJE	E	1
CSBTHSTP	10	10	CSBTOSYS	E	2
CSBTID	0	C3E2C2E3	CSBTOUTP	E	80
CSBTINST	1F	40	CSBTPREV	8	
CSBTIOFL	F		CSBTRCE	18	
CSBTLEN	1C	20	CSBTRDAL	1F	80
CSBTLENT	C		CSBTREAD	F	80
CSBTNDJS	0	5	CSBTRSVD	10	

Name	Hex Offset	Hex Value
CSBTRSVS	1C	
CSBTRSVU	18	
CSBTRSV1	20	
CSBTSPIN	E	20
CSBTSTRT	0	
CSBTUFLG	E	
CSBTUSER	10	
CSBTUSFL	1F	
CSBTWRT	F	40
CSBTZDJS	20	C8
CSBTZJDS	20	2A8
CSBTZJD1	20	48
CSBTZJST	20	C8
CSBTZOSE	20	2A8
CSBTZOS1	20	48

IATYCTKN Heading Information

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

IATYCTKN Map

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

Comment

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

End of Comment

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

Comment

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

End of Comment

8	(8)	BITSTRING	1	CTKNFLD1	Set 1 of bits for fields present
		1111		CTKNFJNM	"X'F0'" Mask for CTKNJNUM present
		 1111		CTKNFDSK	"X'0F'" Mask for CTKNDSKY present

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IATYCTKN Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
9	(9)	BITSTRING	1	CTKNFLD2	Set 2 of bits for fields present
		1111		CTKNFDNM	"X'F0'" Mask for CTKNDSNM present
		.... 11..		CTKNFOBF	"X'0C'" Mask for CTKNOBUF present
		11		CTKNFOFT	"X'03'" Mask for CTKNOFST present
10	(A)	BITSTRING	1	CTKNFLD3	Set 3 of bits for fields present
11	(B)	BITSTRING	1	CTKNFLD4	Set 4 of bits for fields present
12	(C)	BITSTRING	1	CTKNFLD5	Set 5 of bits for fields present
13	(D)	BITSTRING	1	CTKNFLD6	Set 6 of bits for fields present
14	(E)	BITSTRING	1	CTKNFLD7	Set 7 of bits for fields present
15	(F)	BITSTRING	1	CTKNFLD8	Set 8 of bits for fields present
16	(10)	SIGNED	4	CTKNJNUM	Server job number (binary)
20	(14)	SIGNED	4	CTKNDSKY	Dataset key (binary)
24	(18)	SIGNED	4	CTKNDSNM	Dataset number
28	(1C)	SIGNED	2	CTKNOBUF	OSE buffer number
30	(1E)	SIGNED	2	CTKNOFST	OSE Variable entry offset
32	(20)	SIGNED	4	CTKNRSV2 (12)	Reserved for IBM
80	(50)	BITSTRING	1	(0)	Cause an assembly error if the size of the JES3 section exceeds the defined size of the JES dependent section in the common mapping

IATYCTKN Cross Reference

Name	Hex Offset	Hex Value
CTKNBMAP	8	
CTKNDSKY	14	
CTKNDSNM	18	
CTKNFDNM	9	F0
CTKNFDSK	8	F
CTKNFJNM	8	F0
CTKNFLD1	8	
CTKNFLD2	9	
CTKNFLD3	A	
CTKNFLD4	B	
CTKNFLD5	C	
CTKNFLD6	D	
CTKNFLD7	E	
CTKNFLD8	F	
CTKNFOBF	9	C
CTKNFOFT	9	3
CTKNJESD	10	
CTKNJESI	0	
CTKNJES2	0	2
CTKNJES3	0	3
CTKNJNUM	10	
CTKNOBUF	1C	
CTKNOFST	1E	
CTKNPLVL	1	
CTKNRSV2	20	
CTKNSIZE	10	50
CTKNSLVL	2	
CTKNSORT	4	
CTKNSTRT	0	
CTOKEN	0	
CTOKEND	10	50

IATYCTYP Programming Interface information

Programming Interface information

IATYCTYP

End of Programming Interface information

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IATYCTYP Heading Information

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

IATYCTYP Map

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

Comment

IATYCTYP ALREADY GENERATED

End of Comment

IATYCTYP Cross Reference

Name	Hex Offset	Hex Value
CTYPBDT	0	10
CTYPINST	0	4
CTYPINTR	0	8
CTYPNJE	0	20
CTYPNJS3	0	80
CTYPNONE	0	1
CTYPRES1	0	2
CTYPRJP	0	40

IATYDAT Programming Interface information

Programming Interface information

IATYDAT

End of Programming Interface information

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IATYDAT Heading Information

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

IATYDAT Map

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

Comment

```
-----------------------------------------------------------------
      DATSSILN MUST BE LAST FIELD IN FIXED PORTION OF DAT
-----------------------------------------------------------------
```

End of Comment

8	(8)	SIGNED	4	(0)	INSURE DATRSVD IS ON FULLWORD
8	(8)	SIGNED	2	DATRSVD	RESERVED FOR DEVELOPMENT
10	(A)	SIGNED	2	DATSSILN	Length of STC/TSO logon DAT (When multiple buffers are in use, contains a running total for all buffers) 93
12	(C)	SIGNED	4	DATFEND (0)	- END OF FIXED PART OF IATYDAT
12	(C)	X'C'	0	DATFSIZE	"DATFEND-DATSTART" - SIZE OF FIXD PART OF IATYDAT

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					START OF THE VARIABLE (BASED ON BUFFER SIZE) LENGTH PORTION OF THE DATA BUFFER BLOCK. THE FOLLOWING DATA AREAS ARE WRITTEN TO DISK, WHEREAS THE PREVIOUS FIELDS ARE NOT. THE VARIABLE PORTION MAY BE FORMATTED FOR EITHER SINGLE OR MULTIPLE RECORD FILES AS BELOW:

					FIELDS COMMON TO SINGLE AND MULTI RECORD FILES

					End of Comment
12	(C)	BITSTRING	1	DATTHIS	- SPOOL ADDRESS FOR THIS BUFF, SPOOL MOD/RECORD SUBFIELDS
12	(C)	X'C'	0	DATSPMOD	"DATTHIS,L'FDBSPMOD" MODULE NUMBER OF SPOOL EXTENT
12	(C)	X'E'	0	DATSPREC	"DATTHIS+L'FDBSPMOD,L'FDBSPREC" RECORD NO ON EXTENT 1 *
					Comment

					SINGLE RECORD FILE (SRF) DEFINITION

					End of Comment
12	(C)	X'12'	0	DATSRFDT	"*" - SRF DATA (USER DEFINED)
					Comment

					MULTIPLE RECORD FILE (MRF) DEFINITION

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

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

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

IATYDAT Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
		THE CARRIAGE CONTROL BIT IS TURNED ON IN THE DATCC			
					End of Comment
		1...		DATCPDS	"X'80'" COMPOSED PAGE DATA STREAM CC
		.1..		DATMAC	"X'40'" MACHINE CARRIAGE CONTROL
		..1.		DATASA	"X'20'" ASA CARRIAGE CONTROL
		...1		DATOPTCD	"X'10'" OPTCD = J
		.... 1...		DATSPLTB	"X'08'" SPLIT RECORD INDICATOR
		.... .1..		DATCON	"X'04'" CONTINUATION INDICATOR
		.... ..1.		DATSPAN	"X'02'" SPANNED DATA INDICATOR
		1		DATRSVD2	"X'01'" RSVRD FOR JES3 DEVELOPMENT
52	(34)	X'35'	0	DATRSVD3	"DATCC+1,1,C'X'" RSVRD FOR JES3 DEVELOPMENT
52	(34)	X'36'	0	DATLEN	"DATCC+2,2,C'H'" FOR BEGINNING OF A LOGICAL RECORD: -> LOGICAL RECORD LENGTH IF NOT BEGINNING OF A LOGICAL RECORD: -> DATA LENGTH OF SECTION
56	(38)	CHARACTER	1	DATMRFDT (0)	- START OF USER DATA
56	(38)	X'38'	0	DATXMLEN	"DATMRFDT-DATSTART" LENGTH OF DMC X-MEM WORK
56	(38)	BITSTRING	0	DATMLRL	"X'00007FFF'" MAXIMUM LOGICAL RECORD LEN. THIS VALUE IS PLACED INTO THE TVT AND SVT BY IATINIO
56	(38)	BITSTRING	0	DATDLMSK	"X'0000FFFF'" DATA LENGTH MASK USED TO ISOLATE THE LENGTH FIELD CONTAINED WITHIN THE DATCC. THIS VALUE IS ALSO PLACED INTO THE SVT AND TVT BY IATINIO.
		.1.1 1.1.		DATSTMOD	"X'5A'" CARRIAGE CONTROL CHARACTER #165 INDICATING STREAM MODE DATA #165
56	(38)	BITSTRING	0	DATPGBEG	"X'D3A8AF'" CONTROL CHARACTER SEQUENCE #165 FOR PAGE BEGIN #165

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

IATYDAT Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
DATASA	34	20	DATMRFSZ	34	28
DATCC	34	0	DATNEXT	1E	0
DATCON	34	4	DATOPTCD	34	10
DATCPDS	34	80	DATPGBEG	38	D3A8AF
DATDLMSK	38	FFFF	DATPREV	18	0
DATDMC	4		DATRSVD	8	0
DATFEND	C		DATRSVD2	34	1
DATFIRST	12	0	DATRSVD3	34	35
DATFSIZE	C	C	DATSPAN	34	2
DATID	0	C4C1E340	DATSPLTB	34	8
DATLEN	34	36	DATSPMOD	C	C
DATLOLIN	28	0	DATSPREC	C	E
DATLOPAG	30	0	DATSRFDT	C	12
DATLOREC	2C	0	DATSSILN	A	0
DATMAC	34	40	DATSTART	0	
DATMLRL	38	7FFF	DATSTEC	2	E2E8D4E3
DATMRFDT	38		DATSTMAP	0	
DATMRFHD	34		DATSTMOD	38	5A
DATMRFIX	34		DATSTPTR	C	

Name	Hex Offset	Hex Value
DATSTSIZ	0	
DATSYMTS	C	C
DATTHIS	C	0
DATVALID	24	0
DATXMLEN	38	38

IATYDDF Heading Information

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

IATYDDF Map

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

Comment

Definition of DDFFLAG1 bits

End of Comment

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

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IATYDDF Cross Reference

Name	Hex Offset	Hex Value
DDFCNFAD	10	20
DDFEND	2C	
DDFFLAG1	10	
DDFFL101	10	1
DDFFL102	10	2
DDFFL104	10	4
DDFFL108	10	8
DDFFL110	10	10
DDFID	0	
DDFMODAD	10	40
DDFNAME	8	
DDFNEXT	4	
DDFRSV01	11	
DDFRSV02	14	
DDFSIZE	2C	2C
DDFSTART	0	
DDFUSER	10	80

IATYDDL Programming Interface information

Programming Interface information

IATYDDL

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

- DDLDSSEQ
- DDLUNIQ

End of Programming Interface information

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IATYDDL Heading Information

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

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

IATYDDL Map

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

Comment

4 LINES DELETED BY APAR OY66987

End of Comment

24	(18)	SIGNED	4	DDLVJFCB	PTR TO VOLS IN JFCB
28	(1C)	SIGNED	4	DDLVL#1	PTR TO VOLS IN JFCBX #1
32	(20)	SIGNED	4	DDLVL#2	PTR TO VOLS IN JFCBX #2
36	(24)	SIGNED	4	DDLVL#3	PTR TO VOLS IN JFCBX #3
40	(28)	SIGNED	4	DDLVL#4	PTR TO VOLS IN JFCBX #4
44	(2C)	SIGNED	4	DDLVL#5	PTR TO VOLS IN JFCBX #5
48	(30)	SIGNED	4	DDLVL#6	PTR TO VOLS IN JFCBX #6
52	(34)	SIGNED	4	DDLVL#7	PTR TO VOLS IN JFCBX #7
56	(38)	SIGNED	4	DDLVL#8	PTR TO VOLS IN JFCBX #8
60	(3C)	SIGNED	4	DDLVL#9	PTR TO VOLS IN JFCBX #9
64	(40)	SIGNED	4	DDLVL#10	PTR TO VOLS IN JFCBX #10
68	(44)	SIGNED	4	DDLVL#11	PTR TO VOLS IN JFCBX #11
72	(48)	SIGNED	4	DDLVL#12	PTR TO VOLS IN JFCBX #12
76	(4C)	SIGNED	4	DDLVL#13	PTR TO VOLS IN JFCBX #13
80	(50)	SIGNED	4	DDLVL#14	PTR TO VOLS IN JFCBX #14
84	(54)	SIGNED	4	DDLVL#15	PTR TO VOLS IN JFCBX #15
88	(58)	SIGNED	4	DDLVL#16	PTR TO VOLS IN JFCBX #16
92	(5C)	SIGNED	4	DDLVL#17	PTR TO VOLS IN JFCBX #17
96	(60)	SIGNED	4	DDLVREF	BK REF ID (VOL=REF/SUB/SPLT)
100	(64)	SIGNED	4	DDLRSVF1	RESERVED FOR DEVELOPMENT
104	(68)	SIGNED	4	DDLDSNP	PTR TO DSN FOR VOL=REF=DSN
108	(6C)	SIGNED	4	DDLUAFFP	UNIQUE ID OF AFF'D REQUEST
112	(70)	SIGNED	4	DDLDCBP	PTR TO DSN FOR DCB=DSN
116	(74)	SIGNED	4	DDLLIKEP	PTR TO DSN FOR LIKE=DSN

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

					THE FOLLOWING TWO FIELDS ARE PASSED TO IFG0JES3.
					THEY MUST BE CONTIGUOUS.

					End of Comment
120	(78)	CHARACTER	8	DDLSMSUT	SMS MANAGED MOUNTABLE UNIT- NAME
128	(80)	SIGNED	4	DDLULIST	POINTER TO UNITNAME LIST
132	(84)	SIGNED	4	DDLUAFFI	SIOT ADDRESS OF DD SPECIFIED ON UNIT=AFF REQUEST
					Comment
					THIS LINE DELETED BY APAR OW38427
					End of Comment
136	(88)	SIGNED	2	DDLRSVSR	RESERVED FOR SERVICE
138	(8A)	SIGNED	2	DDLDSSEQ	DATA SET SEQUENCE NUMBER FROM LABEL PARAMETER
140	(8C)	SIGNED	2	DDLDSND	STEP # OF DSN DEQ
142	(8E)	BITSTRING	1	DDLNUMUN	NUMBER OF UNITS REQUESTED
143	(8F)	BITSTRING	1	DDLDCBL	LEN OF DSN FOR DCB=DSN
144	(90)	BITSTRING	1	DDLLIKEL	LEN OF DSN FOR LIKE=DSN
145	(91)	BITSTRING	1	DDLMEDIA	MEDIA TYPE (FROM JFCTDSI1)
146	(92)	BITSTRING	1	DDLDSNL	LEN OF DSN FOR VOL=REF=DSN
147	(93)	BITSTRING	1	DDLNOVLS	COUNT OF VOLUMES SPECIFIED
148	(94)	BITSTRING	1	DDLVOLCT	VOLCOUNT OF MAX VOLS
149	(95)	BITSTRING	1	DDLVLSEQ	VOLUME SEQUENCE NUMBER
150	(96)	BITSTRING	1	DDLFLG1	FLAG1 - LABEL INFORMATION
					Comment

					DEFINITION OF DDLFLG1 - LABEL INFORMATION

					End of Comment
		.1..		DDLAL	"X'40'" AL (IF BIT 4 ON THEN AUL)
		..1.		DDLLTM	"X'20'" DOS LEADING TAPE MARK
		...1		DDLBLP	"X'10'" BYPASS LABEL PROCESSING
		.... 1.1.		DDLUL	"X'0A'" USER LABEL
		.... .1..		DDLNSL	"X'04'" NONSTANDARD LABEL
		.... ..1.		DDLSL	"X'02'" STANDARD LABEL
		1		DDLNL	"X'01'" NO LABEL
151	(97)	BITSTRING	1	DDLFLG2	FLAG2 - DISPOSITION
					Comment

					DEFINITION OF DDLFLG2 - DISP INFORMATION

					End of Comment
		11..		DDLNEW	"X'C0'" DISP=NEW
		1...		DDLMOD	"X'80'" DISP=MOD
		.1..		DDLOLD	"X'40'" DISP=OLD
		..1.		DDLXXXX1	"X'20'" RSRVD FOR DEVELOPMENT
		...1		DDLPASS	"X'10'" DISP=PASS
		.... 1...		DDLKEEP	"X'08'" DISP=KEEP
		.... .1..		DDLDEL	"X'04'" DISP=DELETE
		.... ..1.		DDLCAT	"X'02'" DISP=CATLG
		1		DDLUCAT	"X'01'" DISP=UNCATLG
152	(98)	BITSTRING	1	DDLFLG3	FLAG3 - EXPLICIT BACK REF

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

					DEFINITION OF DDLFLG3 - EXPLICIT BACK REF

					End of Comment
		1...		DDLUNAFF	"X'80'" UNIT AFFINITY SPECIFIED
		.1..		DDLVLRDD	"X'40'" VOL=REF=DD SPECIFIED
		..1.		DDLVLRDS	"X'20'" VOL=REF=DSN SPECIFIED
		...1		DDLDCBRF	"X'10'" DCB=DSNAME SPECIFIED
		.... 1...		DDLSMS	"X'08'" THE DATA SET IS SMS MANAGED
		.... .1..		DDLVRFEX	"X'04'" A REFERENCE TO AN LVS ENTRY EXISTS AND SHOULD BE INCLUDED IN THE REFERENCING ENTRY
		.... ..1.		DDLVRPAS	"X'02'" PASSED DATASET
		1		DDLJSCRF	"X'01'" PRIV. CATLG. REFERENCE
153	(99)	BITSTRING	1	DDLFLG4	FLAG4 - REQUEST STRIKE OUT
					Comment

					DEFINITION OF DDLFLG4 - REQUEST STRIKE OUT

					End of Comment
		1...		DDLDUM	"X'80'" DD DUMMY WAS SPECIFIED
		.1..		DDLSYS	"X'40'" SYSIN/SYSOUT DATA SET
		..1.		DDLTERMT	"X'20'" TSO TERM=TS
		...1		DDLQNAM	"X'10'" TCAM QNAME=
		.... 1...		DDLNUNIT	"X'08'" POSSIBLE INVALID UNIT
		.... .1..		DDLGDGAL	"X'04'" POTENTIAL GDG-ALL
		.... ..1.		DDLDCBDS	"X'02'" CREATE IJS FOR DCB=DSN
		1		DDLINVU	"X'01'" UNSUPPORTED/INVALID UNIT
154	(9A)	BITSTRING	1	DDLFLG5	FLAG5 - GENERAL INFO #1
					Comment

					DEFINITION OF DDLFLG5 - GENERAL INFO #1

					End of Comment
		1...		DDLPCAT	"X'80'" POTENTIAL CATAL REQUEST
		.1..		DDLISAM	"X'40'" DSORG=IS SPECIFIED
		..1.		DDLCCAT	"X'20'" CONCATENATED DD REQ
		...1		DDLGDSN	"X'10'" GENERATED DSN
		.... 1...		DDLJOBL	"X'08'" JOBLIB DD REQUEST
		.... .1..		DDLJSCAT	"X'04'" JOBCAT/STEPCAT REQUEST
		.... ..1.		DDLCATC	"X'02'" CONCATENATED PRIVATE CATALOG
		1		DDLGDGS	"X'01'" GDG SINGLE REQUEST
155	(9B)	BITSTRING	1	DDLFLG6	FLAG6 - GENERAL INFO #2
					Comment

					DEFINITION OF DDLFLG6 - GENERAL INFO #2

					End of Comment
		1...		DDLDEFER	"X'80'" DEFER MOUNTING REQUEST
		.1..		DDLDSCR	"X'40'" SCRATCH REQUEST
		..1.		DDLDPAR	"X'20'" PARALLEL MOUNT REQUEST
		...1		DDLJOBC	"X'10'" JOBCAT DD - SET BY IATIIPR

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

Comment

```
-----------------------------------------------------------
          DEFINITION OF DDLFLG7 - GENERAL INFO #3
-----------------------------------------------------------
```

End of Comment

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

Comment

```
-----------------------------------------------------------
      DEFINITION OF DDLFLG8 GENERAL INFO #4
-----------------------------------------------------------
```

End of Comment

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

Comment

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

End of Comment

		.... 1...		DDLHIER	"X'08'" A HIERARCHICAL FILE SPECIFIED
		.... .1..		DDLDUPT	"X'04'" STORCLAS=DUPT@SMS SPEC'D
158	(9E)	BITSTRING	1	DDLFLG9	GENERAL INFORMATION FLAG

Comment

```
-----------------------------------------------------------
          DEFINITION OF DDLFLG9 - GENERAL INFO
-----------------------------------------------------------
```

End of Comment

		1...		DDLSMSMM	"X'80'" SMS MANAGED MOUNTABLE

IATYDDL Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.1..		DDLURORD	"X'40'" UNIT AFFINITY WAS INVALID. THE AFF'ING DD HAS TO USE THE UNIT ON THE AFF'D DD OR AN EDTINFO DEFAULT.
		..1.		DDLRQ522	"X'20'" JOB REQUIRES A MINIMUM 522 SYSTEM TO EXECUTE
		...1		DDLAFOLD	"X'10'" THIS REQUEST (OR ONE THAT IT REFERENCES) SPECIFIES UNIT AFFINITY TO A REQUEST IN WHICH DISP IS NOT NEW
		.... 1...		DDLRF908	"X'08'" RESERVED
		.... .1..		DDLRF904	"X'04'" RESERVED
		.... ..1.		DDLRF902	"X'02'" RESERVED
		1		DDLRF901	"X'01'" RESERVED
159	(9F)	BITSTRING	1	DDLFLGA	RESERVED FOR USER
160	(A0)	BITSTRING	1	DDLEND (0)	END OF DDL ENTRY

IATYDDL Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
DDLAFOLD	9E	10	DDLINVU	99	1
DDLAL	96	40	DDLISAM	9A	40
DDLBLP	96	10	DDLJOBC	9B	10
DDLCAT	97	2	DDLJOBL	9A	8
DDLCATC	9A	2	DDLJSCAT	9A	4
DDLCCAT	9A	20	DDLJSCRF	98	1
DDLCREJB	9D	40	DDLJVTCD	9C	2
DDLDCBDS	99	2	DDLKEEP	97	8
DDLDCBL	8F	0	DDLLIKEL	90	0
DDLDCBP	70	0	DDLLIKEP	74	0
DDLDCBRF	98	10	DDLLTM	96	20
DDLDDEL	9B	1	DDLMDNEW	9D	20
DDLDDNAM	0	0	DDLMEDIA	91	0
DDLDEFER	9B	80	DDLMOD	97	80
DDLDEFUN	9D	10	DDLMSVGP	9C	40
DDLDEL	97	4	DDLNEW	97	C0
DDLDMND	9C	8	DDLNL	96	1
DDLDPAR	9B	20	DDLNOVLS	93	0
DDLDSCR	9B	40	DDLNSL	96	4
DDLDSN	4	0	DDLNUMUN	8E	0
DDLDSND	8C	0	DDLNUNIT	99	8
DDLDSNL	92	0	DDLOLD	97	40
DDLDSNP	68	0	DDLOUTIN	9B	4
DDLDSNQ	8	0	DDLPASS	97	10
DDLDSRC	9D	80	DDLPCAT	9A	80
DDLDSSEQ	8A	0	DDLPRIV	9B	2
DDLDSSYS	9C	80	DDLQNAM	99	10
DDLDUM	99	80	DDLRFMOD	9C	4
DDLDUPT	9D	4	DDLRF901	9E	1
DDLEND	A0		DDLRF902	9E	2
DDLFLGA	9F	0	DDLRF904	9E	4
DDLFLG1	96	0	DDLRF908	9E	8
DDLFLG2	97	0	DDLRQ522	9E	20
DDLFLG3	98	0	DDLRSVF1	64	0
DDLFLG4	99	0	DDLRSVSR	88	0
DDLFLG5	9A	0	DDLSL	96	2
DDLFLG6	9B	0	DDLSMS	98	8
DDLFLG7	9C	0	DDLSMSMM	9E	80
DDLFLG8	9D	0	DDLSMSUT	78	40404040
DDLFLG9	9E	0	DDLSPMOD	9C	1
DDLGDGAL	99	4	DDLSSRCH	9C	10
DDLGDGS	9A	1	DDLSYS	99	40
DDLGDSN	9A	10	DDLTERMT	99	20
DDLHIER	9D	8	DDLUAFFI	84	0
DDLINOUT	9B	8	DDLUAFFP	6C	0

Name	Hex Offset	Hex Value
DDLUCAT	97	1
DDLUL	96	A
DDLULIST	80	0
DDLUNAFF	98	80
DDLUNCAT	9C	20
DDLUNIQ	14	0
DDLUNIT	C	0
DDLURORD	9E	40
DDLVJFCB	18	0
DDLVL#1	1C	0
DDLVL#10	40	0
DDLVL#11	44	0
DDLVL#12	48	0
DDLVL#13	4C	0
DDLVL#14	50	0
DDLVL#15	54	0
DDLVL#16	58	0
DDLVL#17	5C	0
DDLVL#2	20	0
DDLVL#3	24	0
DDLVL#4	28	0
DDLVL#5	2C	0
DDLVL#6	30	0
DDLVL#7	34	0
DDLVL#8	38	0
DDLVL#9	3C	0
DDLVLRDD	98	40
DDLVLRDS	98	20
DDLVLSEQ	95	0
DDLVOLCT	94	0
DDLVREF	60	0
DDLVRFEX	98	4
DDLVRPAS	98	2
DDLXXXX1	97	20
DDL4DGT	10	40404040
IATYDDL	0	

IATYDFB Heading Information

Common Name: ABEND DFB ERROR CODE DEFINITIONS
Macro ID: IATYDFB
DSECT Name:
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: NONE
Storage Attributes: Main Storage: N/A
Auxiliary Storage: N/A
Size:
Created by: N/A
Pointed to by: N/A
Serialization: NONE
Function: Definition of error code returned in R15 when an error is detected during processing in an FSS Address space.

NOTES =

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

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

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

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

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

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

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

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

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

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

IATYDFB Map

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

Comment

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

End of Comment

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

Comment

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

End of Comment

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

Comment

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

End of Comment

0	(0)	X'1F'	0	DFBLTORD	"31" NON-ZERO RETURN CODE RECEIVED FROM FSS OR FSA ORDER ROUTINE - ISSUED BY FSI ORDER INTERFACE ROUTINE IATFCOR
0	(0)	X'20'	0	DFBLTPOS	"32" NON-ZERO RETURN CODE RECEIVED FROM FSA POST ROUTINE - ISSUED BY FSI POST INTERFACE ROUTINE IATFCPT
0	(0)	X'21'	0	DFBCDFMB	"33" IATFCLT - FAILURE DURING IXZXIXMB (MAIL BOX BUILD FOR A FSS/FSA MAIL BOX) ISSUED BY IATSICD
0	(0)	X'22'	0	DFBCDFMC	"34" IATFCLT - FAILURE DURING IXZXIXMC (MAIL BOX CLEAR FOR A FSS/FSA MAIL BOX) ISSUED BY IATSICD
0	(0)	X'23'	0	DFBCDFRM	"35" IATFCLT - FAILURE DURING IXZXIXRM (RECEIVE MESSAGE FOR A FSS/FSA MAIL BOX)

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	X'24'	0	DFBCDFAK	"36" IATFCLT - FAILURE DURING IXZXIXAC (ACKNOWLEDGE MESSAGE FOR A FSS/FSA MAIL BOX)
0	(0)	X'25'	0	DFBCDFMD	"37" IATFCLT - FAILURE DURING IXZXIXMD (MAIL BOX DELETE FOR FSS/FSA MAILBOX)
0	(0)	X'26'	0	DFBPFSAA	"38" Stop FSA abnormal received; the FSA task is abended.

Comment

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

End of Comment

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

Comment

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

End of Comment

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

Comment

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

End of Comment

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

Comment

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

End of Comment

0	(0)	X'47'	0	DFBSBBLK	"71" BLOCK SPOOLER PARAMETER LIST ERROR READING SWB
0	(0)	X'48'	0	DFBSBSPA	"72" BLOCK SPOOLER SPOOL ADDRESS ERROR READING SWB

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	X'49'	0	DFBSBXMM	"73" BLOCK SPOOLER CROSS-MEMORY MOVE ERROR READING SWB
0	(0)	X'4A'	0	DFBSBPUT	"74" ERROR RETURN FROM SJF PUTSWB FUNCTION
0	(0)	X'4B'	0	DFBSBUPD	"75" ERROR RETURN FROM SJF UPDATE FUNCTION
0	(0)	X'4C'	0	DFBSBDEL	"76" ERROR RETURN FROM SJF DELETESWB FUNCTION

Comment

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

End of Comment

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

Comment

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

End of Comment

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

IATYDFB Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
DFBCCACC	0	15	DFBCDXMD	0	7
DFBCCCWT	0	17	DFBCWACC	0	5B
DFBCCRAT	0	16	DFBCWBLK	0	5C
DFBCDFAK	0	24	DFBCWSPA	0	5D
DFBCDFMB	0	21	DFBCWXMM	0	5E
DFBCDFMC	0	22	DFBFOIOT	0	2A
DFBCDFMD	0	25	DFBFOISL	0	2C
DFBCDFRM	0	23	DFBFOISO	0	2B
DFBCDLT	0	3	DFBFONAO	0	29
DFBCDLTA	0	D	DFBGDBLK	0	3D
DFBCDMEM	0	2	DFBGDSPA	0	3E
DFBCDSP	0	4	DFBGDXMM	0	3F
DFBCDTOK	0	1	DFBLTORD	0	1F
DFBCDUNK	0	C	DFBLTPOS	0	20
DFBCDUTT	0	B	DFBPFSAA	0	26
DFBCDXAT	0	5	DFBQCFBF	0	36
DFBCDXDT	0	8	DFBQCFIN	0	35
DFBCDXMB	0	6	DFBQCGBF	0	34

Name	Hex Offset	Hex Value
DFBQCGIN	0	33
DFBRAACC	0	51
DFBRABLK	0	52
DFBRAFMT	0	55
DFBRAJNW	0	56
DFBRASPA	0	53
DFBRAXMM	0	54
DFBSBBLK	0	47
DFBSBDEL	0	4C
DFBSBPUT	0	4A
DFBSBSPA	0	48
DFBSBUPD	0	4B
DFBSBXMM	0	49

IATYDFC Programming Interface information

Programming Interface information

IATYDFC

End of Programming Interface information

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IATYDFC Heading Information

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

IATYDFC Map

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

Comment

Definition of DFCFLG1.

End of Comment

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

Comment

Definition of DFCFLG2.

End of Comment

		1...		DFCALLO	"X'80'" REQUEST DEVICE DEDICATION
		.1..		DFCUALL	"X'40'" REQUEST DEVICE UNALLOCATION
		..1.		DFCBJST	"X'20'" REQUEST BUILD JST
		...1		DFCJSTON	"X'10'" JST BUILT FOR THIS DFCB
		.... 1...		DFCINUSE	"X'08'" USED TO SYNCHRONIZE GMS/MDS

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.... .1..		DFCINDDC	"X'04'" The fence associated with this DFCB was found in the DDC during a restart
		.... ..1.		DFCRF202	"X'02'" Reserved flag
		1		DFCRF201	"X'01'" Reserved flag
17	(11)	BITSTRING	1	DFCFLG3	Flag byte 3

Comment

Definition of DFCFLG3.

End of Comment

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

Comment

Device fence id.

End of Comment

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

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

IATYDFC Cross Reference

Name	Hex Offset	Hex Value
DFCACT	3	8
DFCALLO	10	80
DFCALOPT	24	
DFCANY	3	10
DFCBJST	10	20
DFCCKIDX	26	
DFCDEVN	8	
DFCDEVT	0	
DFCDIS	3	1
DFCDJC	3	20
DFCENMSK	2C	
DFCENTRY	0	
DFCENUM	12	
DFCEXR	3	40
DFCFIXL	0	
DFCFLG1	3	
DFCFLG2	10	
DFCFLG3	11	
DFCFNCID	24	
DFCGNAME	4	
DFCGPSEQ	2A	
DFCGRP	3	80
DFCHAIN	C	
DFCHEND	3C	
DFCHRUPD	11	40
DFCHSIZ	3C	
DFCINDDC	10	4
DFCINUSE	10	8
DFCJSTDS	11	80
DFCJSTID	2	
DFCJSTON	10	10
DFCLAST	3	4
DFCMNAME	18	
DFCMNSEQ	2B	
DFCPEND	3	2
DFCRESQ	18	
DFCRF201	10	1
DFCRF202	10	2
DFCRQM	20	
DFCRSVD	38	
DFCRSVD1	13	
DFCRSVD2	16	
DFCRSVS	34	
DFCSEQN	25	
DFCSTART	0	
DFCSYSI	A	
DFCTSIZE	14	
DFCUALL	10	40
DFCUSER	30	
DFCVARL	28	
DFCVEND	C	
DFCVSIZ	C	

IATYDJR Programming Interface information

Programming Interface information

IATYDJR

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

- DJRPOST
- DJRPRE
- DJRVAROV

End of Programming Interface information

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IATYDJR Heading Information

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

IATYDJR Map

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

IATYDJR Cross Reference

Name	Hex Offset	Hex Value
DJRCHN	10	
DJRFLDS	14	
DJRLEN	28	
DJRLENNM	8	
DJRMAXLN	2A	
DJRNAME	0	
DJRPOST	1C	
DJRPRE	18	
DJRRSVD1	2C	
DJRRSVS1	34	
DJRSTART	0	
DJRVARIN	20	
DJRVAROV	24	

IATYDJS Programming Interface information

Programming Interface information

IATYDJS

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

- DJSTPDSN
- DJSTPSYS

End of Programming Interface information

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IATYDJS Heading Information

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

IATYDJS Map

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

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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.... 1...		DJDEVAL	"X'08'" DEVICE ALLOC'D BY DYNAL
		.... .1..		DJDSNUN	"X'04'" DS UNALLOC'D BY DYNAL
		.... ..1.		DJVOLUN	"X'02'" VOL UNALLOC'D BY DYNAL
		1		DJDEVUN	"X'01'" DEVICE UNALLOC'D BY DYNAL
15	(F)	BITSTRING	1	DJSTFLG2	FLAG 2 OF DD ENTRY
		1...		DJSBDSAL	"X'80'" BYPASS DATA SET ALLOCATION 0421 FOR THIS REQUEST 0421
		.... ..1.		DJSTSMS	"X'02'" SMS MANAGED DATASET REQUEST
16	(10)	SIGNED	4	DJSTPSYS	SYSUNITS ENTRY ADDRESS
20	(14)	SIGNED	4	DJSTPDSN	SETDSN ENTRY ADDRESS
24	(18)	SIGNED	4	DJSTRTAD	RET ADDR IN UNALLOC SUBRTN FROM THE ERROR HANDLER
28	(1C)	CHARACTER	6	DJSTVOL	VOLSER
34	(22)	CHARACTER	45	DJSTDSNM (0)	LENGTH BYTE + DSNAME
34	(22)	CHARACTER	1	DJSTDLEN	LENGTH OF DSNAME
35	(23)	CHARACTER	44	DJSTDNAM	DSNAME
79	(4F)	CHARACTER	4	DJSTUADR	DEVICE NUMBER IN EBCDIC
83	(53)	BITSTRING	5	DJSTRES	RESERVED FOR DEVELOPMENT
88	(58)	SIGNED	4	DJSTRESV	RESERVED FOR USER
88	(58)	X'5C'	0	DJSTDEND	"*" END OF DD ENTRY
88	(58)	X'58'	0	DJSTDSIZ	"(DJSTDEND-DJSTDDNM)" DD ENTRY SIZE
88	(58)	X'5C'	0	DJSTVSIZ	"(DJSTDEND-DJSTSLOT)" SLOT SIZE

IATYDJS Cross Reference

Name	Hex Offset	Hex Value
DJDEVAL	E	8
DJDEVUN	E	1
DJDSNAL	E	20
DJDSNSHR	E	80
DJDSNUN	E	4
DJSBDSAL	F	80
DJSGLUSR	E	40
DJSRSVDH	28	0
DJSTACFL	1	FF
DJSTACTV	2C	0
DJSTAVAL	24	0
DJSTCHN	C	0
DJSTCNT	6	0
DJSTDATA	1C	
DJSTDDNM	4	
DJSTDDRP	4	
DJSTDEND	58	5C
DJSTDLEN	22	
DJSTDNAM	23	
DJSTDRPN	C	0
DJSTDSIZ	58	58
DJSTDSNM	22	
DJSTFLAG	2B	
DJSTFLG1	E	
DJSTFLG2	F	
DJSTFRST	2B	80
DJSTHEND	34	38
DJSTHSZ	34	38
DJSTID	8	C4D1E2E3
DJSTJOBC	26	0
DJSTJOBN	30	
DJSTMPNM	1C	
DJSTMSEQ	2A	
DJSTNEXT	2	0
DJSTPDSN	14	
DJSTPSYS	10	
DJSTRES	53	
DJSTRESV	58	0
DJSTRSV1	2E	
DJSTRSV3	34	
DJSTRTAD	18	0
DJSTSEND	2	4
DJSTSLOT	0	
DJSTSMS	F	2
DJSTSSIZ	2	4
DJSTSTEP	0	
DJSTSTFG	1	0
DJSTSTPN	0	0
DJSTSTRT	0	
DJSTTRK	0	0
DJSTUADR	4F	
DJSTVLID	18	0
DJSTVOL	1C	
DJSTVSIZ	58	5C
DJVOLAL	E	10
DJVOLUN	E	2

IATYDLA Heading Information

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

IATYDLA Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	DLASTART	, DLOG Address Space Data
0	(0)	CHARACTER	4	DLAID	Control Block Id
4	(4)	SIGNED	4	DLAALETP (16)	Used to initialize access registers to the primary address space
72	(48)	DBL WORD	8	DLADWORK	Doubleword work area
80	(50)	DBL WORD	8	DLADWRK2	Doubleword work area two

Comment

Save Areas.

End of Comment

88	(58)	SIGNED	4	DLASAVE (18)	Standard Save Area
160	(A0)	SIGNED	4	DLARTSAV (16)	Called routine save area
224	(E0)	ADDRESS	4	DLACPSAV	Control program save area address

Comment

Control Block and Routine Addresses.

End of Comment

228	(E4)	ADDRESS	4	DLASSVT	SSVT address
232	(E8)	ADDRESS	4	DLACNDIT	DLOG initialization and termination routine (IATCNDIT)
236	(EC)	ADDRESS	4	DLACNDRR	DLOG recovery routine (IATCNDRR)
240	(F0)	ADDRESS	4	DLACNDMS	DLOG message processing routine (IATCNDMS)
244	(F4)	ADDRESS	4	DLACNDAL	DLOG alert processing routine (IATCNDAL)
248	(F8)	ADDRESS	4	DLACNDFM	DLOG JES3 message formatting routine (IATCNDFM)

Comment

ECB Related Information.

ECB List Used by DLOG Task.

End of Comment

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Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
252	(FC)	SIGNED	4	DLAECBLS (0)	ECB List Used for WAIT
252	(FC)	ADDRESS	4	DLAEAALR	Address of ALERT ECB
256	(100)	ADDRESS	4	DLAEATIM	Address of timer ECB
260	(104)	ADDRESS	4	DLAEAMSG	Address of message ECB
264	(108)	ADDRESS	4	DLAEACOM	Address of the JES3 to DLOG communication ECB. This ECB is located within the DLOG Common Data Area

Comment

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

End of Comment

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

Comment

Trace Related Information.

End of Comment

280	(118)	BITSTRING	1	DLATRWRK	Trace entry work area

Comment

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

End of Comment

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

Comment

DLOG Initialization/Termination Related Information.

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

MCSOPER MF=(L,DLAMCSOP) MCSOPER List Form
MACDATE -97/02/03-<1>

End of Comment

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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
381	(17D)	X'2'	0	DLAMCSOP_DEACTIVATE	"2" ++ XREQUEST.DEACTIVATE KEYWORD
381	(17D)	X'3'	0	DLAMCSOP_RELEASE	"3" ++ XREQUEST.RELEASE KEYWORD
382	(17E)	BITSTRING	1	DLAMCSOP_XFLAG	++ FIELD_LABEL
		1...		DLAMCSOP_XABTERM_YES	"B'10000000'" ++ XABTERM.YES KEYWORD
		.1..		DLAMCSOP_KEYUSED_MIGID	"B'01000000'" ++ KEYUSED.MIGID KEYWORD
		..1.		DLAMCSOP_XMIGIDREL_AUTO	"B'00100000'" ++ XMIGIDREL.AUTO KEYWORD
383	(17F)	CHARACTER	1	DLAMCSOP_XRSV0001	++ RESERVED XRSV0001
384	(180)	ADDRESS	4	DLAMCSOP_XOPERPARM	++ XOPERPARM
388	(184)	CHARACTER	8	DLAMCSOP_XNAME	++ XNAME
396	(18C)	CHARACTER	8	DLAMCSOP_XTERMNAME	++ XTERMNAME
404	(194)	SIGNED	4	DLAMCSOP_XCONSID	++ XCONSID
408	(198)	SIGNED	4	DLAMCSOP_XQLIMIT	++ XQLIMIT
412	(19C)	SIGNED	4	DLAMCSOP_XMCSCSAA	++ XMCSCSAA
416	(1A0)	ADDRESS	4	DLAMCSOP_XMCSCSA	++ XMCSCSA
420	(1A4)	CHARACTER	4	DLAMCSOP_XRSV0002	++ RESERVED XRSV0002
424	(1A8)	ADDRESS	4	DLAMCSOP_XMSGECB	++ XMSGECB
428	(1AC)	ADDRESS	4	DLAMCSOP_XALERTECB	++ XALERTECB
432	(1B0)	BITSTRING	1	DLAMCSOP_XMIGID	++ XMIGID
433	(1B1)	BITSTRING	1	DLAMCSOP_XALERTPCT	++ XALERTPCT
434	(1B2)	BITSTRING	1	DLAMCSOP_XQRESUME	++ XQRESUME
435	(1B3)	BITSTRING	1	DLAMCSOP_XMSGDLVRY	++ XMSGDLVRY
435	(1B3)	X'80'	0	DLAMCSOP_FIFO	"128" ++ XMSGDLVRY.FIFO KEYWORD
435	(1B3)	X'40'	0	DLAMCSOP_SEARCH	"64" ++ XMSGDLVRY.SEARCH KEYWORD
435	(1B3)	X'20'	0	DLAMCSOP_NONE	"32" ++ XMSGDLVRY.NONE KEYWORD
436	(1B4)	CHARACTER	16	DLAMCSOP_XRSV0003	++ RESERVED XRSV0003
436	(1B4)	X'4C'	0	DLAMCSOPL	"*-DLAMCSOP" ++ LENGTH OF PLIST

Comment

MCSOPER-1

End of Comment

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

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

CPOOL Parameter List.					

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

ESTAEX Parameter List.					

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

JESXCF related parameter lists.					

IXZXIXAT MF=(L,DLAXIXAT) IXZXIXAT Parameter List					
MACDATE -00/01/11-<6>					
				End of Comment	
0	(0)	X'350'	0	M00M0015	"DLAXIXAT" ++ IXZXIXAT NAME
848	(350)	DBL WORD	8	DLAXIXAT (0)	++ IXZXIXAT PARM LIST
848	(350)	BITSTRING	1	DLAXIXAT_XVERSION	++ INPUT XVERSION
849	(351)	CHARACTER	6	DLAXIXAT_XEYECATCH	++ CONSTANT XEYECATCH
855	(357)	CHARACTER	1	DLAXIXAT_XRSV0001	++ RESERVED XRSV0001
856	(358)	CHARACTER	8	DLAXIXAT_XGROUP	++ XGROUP
864	(360)	CHARACTER	16	DLAXIXAT_XMEMBER	++ XMEMBER
880	(370)	CHARACTER	8	DLAXIXAT_XRELEASE	++ XRELEASE
888	(378)	SIGNED	4	DLAXIXAT_XMAINTLVL	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
					++ CONSTANT XMAINTLVL
892	(37C)	SIGNED	4	DLAXIXAT_XGROUPTOKEN	
					++ XGROUPTOKEN
896	(380)	BITSTRING	1	DLAXIXAT_XFLAG1	
					++ FIELD_LABEL
		1...		DLAXIXAT_XWHICHJES_JES2	
					"B'10000000'" ++ XWHICHJES.JES2 KEYWORD
		.1..		DLAXIXAT_XWHICHJES_JES3	
					"B'01000000'" ++ XWHICHJES.JES3 KEYWORD
		..1.		DLAXIXAT_XWHICHJES_J3FSS	
					"B'00100000'" ++ XWHICHJES.J3FSS KEYWORD
		...1		DLAXIXAT_XWHICHJES_INIT	
					"B'00010000'" ++ XWHICHJES.INIT KEYWORD
		.... 1...		DLAXIXAT_XWHICHJES_COMMON	
					"B'00001000'" ++ XWHICHJES.COMMON KEYWORD
		.... .1..		DLAXIXAT_XWHICHJES_J3CIFSS	
					"B'00000100'" ++ XWHICHJES.J3CIFSS KEYWORD
897	(381)	BITSTRING	1	DLAXIXAT_XFLAG2	
					++ FIELD_LABEL
		1...		DLAXIXAT_XJ3CONNECT_NO	
					"B'10000000'" ++ XJ3CONNECT.NO KEYWORD
		.1..		DLAXIXAT_XJ3CONNECT_YES	
					"B'01000000'" ++ XJ3CONNECT.YES KEYWORD
898	(382)	CHARACTER	2	DLAXIXAT_XRSV0002	
					++ RESERVED XRSV0002
900	(384)	SIGNED	4	DLAXIXAT_XDIAG	
					++ XDIAG
904	(388)	CHARACTER	8	DLAXIXAT_XLINKPARMS	
					++ FIELD_LABEL XLINKPARMS
904	(388)	X'40'	0	DLAXIXATL	"*-DLAXIXAT" ++ LENGTH OF PLIST

Comment

IXZXIXAT-6

End of Comment

0	(0)	X'40'	0	DLAXATSZ	"*-DLAXIXAT" Size of parameter list

Comment

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

End of Comment

912	(390)	SIGNED	2	M00M0016 (0)	IXZXIXMB-1
912	(390)	DBL WORD	8	DLAXIXMB (0)	++ IXZXIXMB PARM LIST
912	(390)	BITSTRING	1	DLAXIXMB_XVERSION	
					++ INPUT XVERSION
913	(391)	CHARACTER	6	DLAXIXMB_XEYECATCH	
					++ CONSTANT XEYECATCH
919	(397)	CHARACTER	1	DLAXIXMB_XRSV0001	
					++ RESERVED XRSV0001
920	(398)	CHARACTER	16	DLAXIXMB_XMBOXNAME	
					++ XMBOXNAME
936	(3A8)	ADDRESS	4	DLAXIXMB_XPOSTXIT	
					++ XPOSTXIT
940	(3AC)	ADDRESS	4	DLAXIXMB_XPOSTDATA	
					++ XPOSTDATA
944	(3B0)	SIGNED	4	DLAXIXMB_XPOSTALET	
					++ XPOSTALET
948	(3B4)	SIGNED	4	DLAXIXMB_XGROUPTOKEN	
					++ XGROUPTOKEN
952	(3B8)	BITSTRING	1	DLAXIXMB_XSYSEVENTS	
					++ FIELD_LABEL

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

Comment

IXZXIXMB-1

End of Comment

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

Comment

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

End of Comment

954	(3BA)	SIGNED	2	M00M0017 (0)	IXZXIXMD-1
960	(3C0)	DBL WORD	8	DLAXIXMD (0)	++ IXZXIXMD PARM LIST
960	(3C0)	BITSTRING	1	DLAXIXMD_XVERSION	++ INPUT XVERSION
961	(3C1)	CHARACTER	6	DLAXIXMD_XEYECATCH	++ CONSTANT XEYECATCH
967	(3C7)	BITSTRING	1	DLAXIXMD_XSTB	++ INPUT
		1...		DLAXIXMD_XSTB_NO	"B'10000000'" ++ XSTB.NO KEYWORD
		.1..		DLAXIXMD_XSTB_YES	"B'01000000'" ++ XSTB.YES KEYWORD
968	(3C8)	CHARACTER	16	DLAXIXMD_XMBOXNAME	++ XMBOXNAME
984	(3D8)	SIGNED	4	DLAXIXMD_XGROUPTOKEN	++ XGROUPTOKEN
984	(3D8)	X'1C'	0	DLAXIXMDL	"*-DLAXIXMD" ++ LENGTH OF PLIST

Comment

IXZXIXMD-1

End of Comment

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

Comment

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

End of Comment

0	(0)	X'3E0'	0	M00M0018	"DLAXIXDT" ++ IXZXIXDT NAME
992	(3E0)	DBL WORD	8	DLAXIXDT (0)	++ IXZXIXDT PARM LIST
992	(3E0)	BITSTRING	1	DLAXIXDT_XVERSION	++ INPUT XVERSION
993	(3E1)	CHARACTER	6	DLAXIXDT_XEYECATCH	++ CONSTANT XEYECATCH
999	(3E7)	CHARACTER	1	DLAXIXDT_XRSV0001	++ RESERVED XRSV0001
1000	(3E8)	ADDRESS	4	DLAXIXDT_XGROUPTOKEN	++ XGROUPTOKEN
1004	(3EC)	CHARACTER	8	DLAXIXDT_XLINKPARMS	++ FIELD_LABEL XLINKPARMS
1004	(3EC)	X'14'	0	DLAXIXDTL	"*-DLAXIXDT" ++ LENGTH OF PLIST

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

					POST Parameter List.

					DLAPOST POST MF=L Post Parameter List
					MACDATE 07/02/90
					End of Comment
1012	(3F4)	ADDRESS	4	DLAPOST	. 1ST WORD - ECB ADDRESS
1016	(3F8)	ADDRESS	4		. 2ND WORD - ASCB ADDRESS
1020	(3FC)	ADDRESS	4		. 3RD WORD - ERRET ADDRESS
1020	(3FC)	X'C'	0	DLAPSTSZ	"*-DLAPOST" Size of parameter list
					Comment

					RESMGR related information.

					End of Comment
1024	(400)	SIGNED	4	DLARMTKN	DLOG task RESMGR token
					Comment
					LARESMG RESMGR ADD, RESMGR Parameter List
					MF=L
					End of Comment
1028	(404)	SIGNED	4	DLARESMG (0)	LIST NAME
1028	(404)	BITSTRING	1		VERSION NUMBER
1029	(405)	BITSTRING	1		FLAGS BYTE
1030	(406)	BITSTRING	1		LINKAGE TYPE
1031	(407)	BITSTRING	1		REQUEST=ADD
1032	(408)	BITSTRING	2		RESERVED
1034	(40A)	SIGNED	2		ASID
1036	(40C)	ADDRESS	4		TCB ADDRESS
1040	(410)	ADDRESS	4		ROUTINE ADDRESS
1044	(414)	ADDRESS	4		TOKEN ADDRESS
1048	(418)	ADDRESS	4		ECB ADDRESS
1052	(41C)	ADDRESS	4		PARAM ADDRESS
1056	(420)	ADDRESS	4		TTOKEN ADDRESS
1056	(420)	X'20'	0	DLARESSZ	"*-DLARESMG" Size of parameter list
					Comment
					Message/WTL Processing Information.

					MCSOPMSG Parameter List.

					MCSOPMSG MF=(L,DLAMCSOM) MCSOPMSG List Form
					MACDATE -90/11/29-<1>
					End of Comment
1060	(424)	SIGNED	2	M00M0022 (0)	MCSOPMSG-1
1064	(428)	DBL WORD	8	DLAMCSOM (0)	++ MCSOPMSG PARM LIST

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1064	(428)	CHARACTER	4	DLAMCSOM_XACRO	++ CONSTANT XACRO
1068	(42C)	BITSTRING	1	DLAMCSOM_XVERSION	++ INPUT XVERSION
1069	(42D)	BITSTRING	1	DLAMCSOM_XREQUEST	++ XREQUEST
1069	(42D)	X'1'	0	DLAMCSOM_GETMSG	"1" ++ XREQUEST.GETMSG KEYWORD
1069	(42D)	X'2'	0	DLAMCSOM_RESUME	"2" ++ XREQUEST.RESUME KEYWORD
1070	(42E)	BITSTRING	1	DLAMCSOM_XCMDRESP	++ INPUT
		1...		DLAMCSOM_XCMDRESP_YES	"B'10000000'" ++ XCMDRESP.YES KEYWORD
		.1..		DLAMCSOM_XCMDRESP_NO	"B'01000000'" ++ XCMDRESP.NO KEYWORD
		..1.		DLAMCSOM_KEYUSED_CMDRESP	"B'00100000'" ++ KEYUSED.CMDRESP KEYWORD
		...1		DLAMCSOM_KEYUSED_CART	"B'00010000'" ++ KEYUSED.CART KEYWORD
		.... 1...		DLAMCSOM_KEYUSED_MASK	"B'00001000'" ++ KEYUSED.MASK KEYWORD
1071	(42F)	CHARACTER	1	DLAMCSOM_XRSV0001	++ RESERVED XRSV0001
1072	(430)	CHARACTER	8	DLAMCSOM_XCART	++ XCART
1080	(438)	CHARACTER	8	DLAMCSOM_XMASK	++ XMASK
1088	(440)	SIGNED	4	DLAMCSOM_XCONSID	++ XCONSID
1092	(444)	CHARACTER	4	DLAMCSOM_XRSV0002	++ RESERVED XRSV0002
1092	(444)	X'20'	0	DLAMCSOML	"*-DLAMCSOM" ++ LENGTH OF PLIST

Comment

MCSOPMSG-1

End of Comment

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

Comment

Cellpool id for cellpool to contain formatted messages.

End of Comment

1096	(448)	SIGNED	4	DLAMSCID	Message cellpool id

Comment

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

End of Comment

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

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

				WTL Buffer (mapped by IEEZB885).	

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

				MDB Information from MCSOPMSG.	

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

				WTL SSIB Information.	

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

				STIMERM related information.	

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

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

					WTO Parameter List.

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

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

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

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

					ALESERV Parameter List - used to convert the
					message data space ALET to an STOKEN.

					LAALESV ALESERV MF=L ALESERV Parameter List
					MACDATE = 06/13/1996
					End of Comment
1452	(5AC)	SIGNED	4	DLAALESV (0)	.ALESERV PC PARAMETER LIST
1452	(5AC)	BITSTRING	1		.SERVICE TYPE CODE
1453	(5AD)	BITSTRING	1		.OPTIONS FLAG BYTE
1454	(5AE)	ADDRESS	2		.RESERVED
1456	(5B0)	ADDRESS	4		.ALET
1460	(5B4)	BITSTRING	8		.STOKEN (SPACE TOKEN)
1460	(5B4)	X'10'	0	DLAALESZ	"*-DLAALESV" Size of parameter list
					Comment

					ECB used to wait for dump to complete.

					End of Comment
1468	(5BC)	SIGNED	4	DLADPECB	Dump ECB
					Comment

					SDUMPX Parameter List.

					LASDMPX SDUMPX MF=L, SDUMPX Parameter List
					SDATA=(LSQA,RGN,TRT,LPA,CSA)
					End of Comment
1472	(5C0)	SIGNED	4	DLASDMPX (0)	SDUMP PARAMETER LIST
1472	(5C0)	ADDRESS	1		FLAG BYTE
1473	(5C1)	ADDRESS	1		FLAG BYTE
1474	(5C2)	ADDRESS	1		FLAG BYTE
1475	(5C3)	ADDRESS	1		FLAG BYTE
1476	(5C4)	ADDRESS	4		ADDRESS OF DCB
1480	(5C8)	ADDRESS	4		ADDRESS OF STORAGE LIST
1484	(5CC)	ADDRESS	4		ADDRESS OF USER DATA
1488	(5D0)	ADDRESS	4		ADDRESS OF ECB/SRB
1492	(5D4)	ADDRESS	2		CURRENT ASID
1494	(5D6)	ADDRESS	2		OTHER ASID
1496	(5D8)	ADDRESS	4		ADDRESS OF ASID LIST
1500	(5DC)	ADDRESS	4		ADDRESS OF SUMLIST/SUMLSTA LIST
1504	(5E0)	ADDRESS	4		RESERVED
1508	(5E4)	ADDRESS	4		RESERVED
1512	(5E8)	ADDRESS	1		FLAG BYTE
1513	(5E9)	ADDRESS	1		CONTROL FLAG BYTE
1514	(5EA)	ADDRESS	1		TYPE FLAG BYTE
1515	(5EB)	ADDRESS	1		VERSION
1516	(5EC)	ADDRESS	1		EXIT FLAG BYTE
1517	(5ED)	ADDRESS	1		EXIT FLAG BYTE
1518	(5EE)	ADDRESS	1		SDATA OPTIONS
1519	(5EF)	ADDRESS	1		RESERVED SDATA OPTIONS
1520	(5F0)	ADDRESS	4		ADDRESS OF SUBPLST
1524	(5F4)	ADDRESS	4		ADDRESS OF KEYLIST
1528	(5F8)	ADDRESS	4		RESERVED
1532	(5FC)	ADDRESS	4		ALET OF DCB PARAMETER

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1536	(600)	ADDRESS	4		ALET OF STORAGE PARAM
1540	(604)	ADDRESS	4		ALET OF HDR PARAMETER
1544	(608)	ADDRESS	4		ALET OF ASIDLST PARAM
1548	(60C)	ADDRESS	4		ALET OF SUMLIST PARAM
1552	(610)	ADDRESS	4		ALET OF SUBPLST PARAM
1556	(614)	ADDRESS	4		ALET OF KEYLIST PARAM
1560	(618)	ADDRESS	4		No LIST64/LISTD
1564	(61C)	ADDRESS	4		No ALET for LISTD/LIST64
1568	(620)	ADDRESS	4		No SUMLSTL or SUMLIST64
1572	(624)	ADDRESS	4		ALET SUMLSTL or SUMLIST64
1576	(628)	ADDRESS	4	(2)	RESERVED
1576	(628)	X'70'	0	DLASDXSZ	"*-DLASDMPX" Size of parameter list

Comment

Flags.

End of Comment

1584	(630)	BITSTRING	1	DLAFLAG1	Flag one

Comment

Definition of DLAFLAG1.

End of Comment

		1...		DLAINITA	"X'80'" DLOG initialization routine is active
		.1..		DLATERMA	"X'40'" DLOG termination routine is active
		..1.		DLARECVR	"X'20'" DLOG recovery routine is active
		...1		DLARESMS	"X'10'" Message processing can be resumed (set by STIMER exit)
		.... 1...		DLANODMP	"X'08'" Recovery routine should not take a dump for this error
		.... .1..		DLARF104	"X'04'" Reserved flag
		.... ..1.		DLARF102	"X'02'" Reserved flag
		1		DLARF101	"X'01'" Reserved flag
1585	(631)	BITSTRING	1	DLAFLAG2	Flag two

Comment

Definition of DLAFLAG2.

End of Comment

		1...		DLARF280	"X'80'" Reserved flag
		.1..		DLARF240	"X'40'" Reserved flag
		..1.		DLARF220	"X'20'" Reserved flag
		...1		DLARF210	"X'10'" Reserved flag
		.... 1...		DLARF208	"X'08'" Reserved flag
		.... .1..		DLARF204	"X'04'" Reserved flag
		.... ..1.		DLARF202	"X'02'" Reserved flag
		1		DLARF201	"X'01'" Reserved flag
1586	(632)	BITSTRING	6	DLAFLRSV	Reserved for flags

Comment

End of the DLA.

End of Comment

1592	(638)	DBL WORD	8	DLAEND (0)	End of DLOG address space data
1592	(638)	X'638'	0	DLASIZE	"DLAEND-DLASTART" Size of DLOG address space data

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

					IATCNDIT function codes (passed in register zero).

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

					IATCNDAL function codes (passed in register zero).

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

					MCSOPER related equates.

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

					Formatted message cellpool related equates.

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

IATYDLA Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
Comment					
---------- WTL related equates. ----------					
End of Comment					
1592	(638)	X'1F4'	0	DLAWTLTM	"500" Amount of time to wait (in hundreths of a second) when a non-zero return code from WTL occurs before issuing another WTL request

IATYDLA Cross Reference

Name	Hex Offset	Hex Value
DLAALCHK	638	2
DLAALDOM	520	0
DLAALECB	10C	0
DLAALESV	5AC	
DLAALESZ	5B4	10
DLAALETP	4	0
DLAALFMX	638	2
DLAALPST	638	1
DLAALQSS	638	4B
DLAALRTP	638	55
DLACNDAL	F4	
DLACNDFM	F8	
DLACNDIT	E8	
DLACNDMS	F0	
DLACNDRR	EC	
DLACPLSZ	320	2C
DLACPOOL	30C	
DLACPSAV	E0	
DLACSAAD	518	
DLACSAAL	51C	0
DLADLTSZ	172	1C
DLADPECB	5BC	0
DLADSFSS	638	55
DLADSSIZ	638	64
DLADWORK	48	0
DLADWRK2	50	0
DLAEAALR	FC	
DLAEACOM	108	
DLAEAMSG	104	
DLAEATIM	100	
DLAECBLS	FC	
DLAEND	638	
DLAESTAX	338	
DLAESXSZ	348	14
DLAFLAG1	630	0
DLAFLAG2	631	0
DLAFLRSV	632	0
DLAFMPRM	44C	0
DLAID	0	C4D3C140
DLAINITA	630	80
DLAITFMX	638	2
DLAITINT	638	1
DLAITTRM	638	2
DLALSTLN	594	0
DLAMCSOM	428	
DLAMCSOM_GETMSG	42D	1
DLAMCSOM_KEYUSED_CART	42E	10
DLAMCSOM_KEYUSED_CMDRESP	42E	20
DLAMCSOM_KEYUSED_MASK	42E	8
DLAMCSOM_RESUME	42D	2
DLAMCSOM_XACRO	428	
DLAMCSOM_XCART	430	
DLAMCSOM_XCMDRESP	42E	
DLAMCSOM_XCMDRESP_NO	42E	40
DLAMCSOM_XCMDRESP_YES	42E	80
DLAMCSOM_XCONSID	440	
DLAMCSOM_XMASK	438	
DLAMCSOM_XREQUEST	42D	
DLAMCSOM_XRSV0001	42F	
DLAMCSOM_XRSV0002	444	
DLAMCSOM_XVERSION	42C	
DLAMCSOML	444	20
DLAMCSOP	178	
DLAMCSOP_ACTIVATE	17D	1
DLAMCSOP_DEACTIVATE	17D	2
DLAMCSOP_FIFO	1B3	80
DLAMCSOP_KEYUSED_MIGID	17E	40
DLAMCSOP_NONE	1B3	20
DLAMCSOP_RELEASE	17D	3
DLAMCSOP_SEARCH	1B3	40
DLAMCSOP_XABTERM_YES	17E	80
DLAMCSOP_XACRO		

Name	Hex Offset	Hex Value
	178	
DLAMCSOP_XALERTECB		
	1AC	
DLAMCSOP_XALERTPCT		
	1B1	
DLAMCSOP_XCONSID		
	194	
DLAMCSOP_XFLAG		
	17E	
DLAMCSOP_XMCSCSA		
	1A0	
DLAMCSOP_XMCSCSAA		
	19C	
DLAMCSOP_XMIGID		
	1B0	
DLAMCSOP_XMIGIDREL_AUTO		
	17E	20
DLAMCSOP_XMSGDLVRY		
	1B3	
DLAMCSOP_XMSGECB		
	1A8	
DLAMCSOP_XNAME		
	184	
DLAMCSOP_XOPERPARM		
	180	
DLAMCSOP_XQLIMIT		
	198	
DLAMCSOP_XQRESUME		
	1B2	
DLAMCSOP_XREQUEST		
	17D	
DLAMCSOP_XRSV0001		
	17F	
DLAMCSOP_XRSV0002		
	1A4	
DLAMCSOP_XRSV0003		
	1B4	
DLAMCSOP_XTERMNAME		
	18C	
DLAMCSOP_XVERSION		
	17C	
DLAMCSOPL	1B4	4C
DLAMDADR	4EC	
DLAMDALT	4F0	0
DLAMOMSZ	0	20
DLAMOPSZ	0	4C
DLAMSCID	448	0
DLAMSCOP	208	0
DLAMSECB	114	0
DLAMSGMG	638	FA
DLAMSGPX	638	A
DLAMSGQA	464	
DLAMSGSP	638	0
DLAMSGSX	638	32
DLAMSTKN	598	0
DLANODMP	630	8
DLAOPPRM	1C4	0
DLAPOST	3F4	
DLAPSTSZ	3FC	C
DLAQRESP	638	63
DLARECVR	630	20
DLARESMG	404	
DLARESMS	630	10
DLARESSZ	420	20
DLARF101	630	1
DLARF102	630	2
DLARF104	630	4
DLARF201	631	1
DLARF202	631	2
DLARF204	631	4
DLARF208	631	8
DLARF210	631	10
DLARF220	631	20
DLARF240	631	40
DLARF280	631	80
DLARMTKN	400	0
DLARNGCT	5A0	0
DLARNGEN	5A8	
DLARNGST	5A4	
DLARTSAV	A0	0
DLASAVE	58	0
DLASDMPX	5C0	
DLASDXSZ	628	70
DLASIZE	638	638
DLASSIB	4F4	
DLASSNM	4F8	40404040
DLASSVT	E4	
DLASTART	0	
DLASTIMR	500	0
DLASTLEN	5A8	18
DLASTLST	594	
DLASTMID	4FC	0
DLASTMSZ	500	18
DLATERMA	630	40
DLATFPRM	454	0
DLATMECB	110	0
DLATRWRK	118	0
DLAWTLB	468	0
DLAWTLTM	638	1F4
DLAWTO	524	
DLAWTOSZ	590	70
DLAXATSZ	0	40
DLAXDLTR	158	
DLAXDTSZ	0	14
DLAXIXAT	350	
DLAXIXAT_XDIAG		
	384	
DLAXIXAT_XEYECATCH		
	351	
DLAXIXAT_XFLAG1		
	380	
DLAXIXAT_XFLAG2		
	381	
DLAXIXAT_XGROUP		
	358	
DLAXIXAT_XGROUPTOKEN		
	37C	
DLAXIXAT_XJ3CONNECT_NO		
	381	80
DLAXIXAT_XJ3CONNECT_YES		
	381	40
DLAXIXAT_XLINKPARMS		
	388	
DLAXIXAT_XMAINTLVL		
	378	
DLAXIXAT_XMEMBER		
	360	
DLAXIXAT_XRELEASE		
	370	
DLAXIXAT_XRSV0001		

IATYDLA Cross Reference

Name	Hex Offset	Hex Value
	357	
DLAXIXAT_XRSV0002		
	382	
DLAXIXAT_XVERSION		
	350	
DLAXIXAT_XWHICHJES_COMMON		
	380	8
DLAXIXAT_XWHICHJES_INIT		
	380	10
DLAXIXAT_XWHICHJES_JES2		
	380	80
DLAXIXAT_XWHICHJES_JES3		
	380	40
DLAXIXAT_XWHICHJES_J3CIFSS		
	380	4
DLAXIXAT_XWHICHJES_J3FSS		
	380	20
DLAXIXATL	388	40
DLAXIXDT	3E0	
DLAXIXDT_XEYECATCH		
	3E1	
DLAXIXDT_XGROUPTOKEN		
	3E8	
DLAXIXDT_XLINKPARMS		
	3EC	
DLAXIXDT_XRSV0001		
	3E7	
DLAXIXDT_XVERSION		
	3E0	
DLAXIXDTL	3EC	14
DLAXIXMB	390	
DLAXIXMB_XEYECATCH		
	391	
DLAXIXMB_XGROUPTOKEN		
	3B4	
DLAXIXMB_XMBOXNAME		
	398	
DLAXIXMB_XPOSTALET		
	3B0	
DLAXIXMB_XPOSTDATA		
	3AC	
DLAXIXMB_XPOSTXIT		
	3A8	
DLAXIXMB_XRSV0001		
	397	
DLAXIXMB_XSYSEVENT_NO		
	3B8	40
DLAXIXMB_XSYSEVENT_YES		
	3B8	80
DLAXIXMB_XSYSEVENTS		
	3B8	
DLAXIXMB_XVERSION		
	390	
DLAXIXMBL	3B8	29
DLAXIXMD	3C0	
DLAXIXMD_XEYECATCH		
	3C1	
DLAXIXMD_XGROUPTOKEN		
	3D8	
DLAXIXMD_XMBOXNAME		
	3C8	
DLAXIXMD_XSTB		
	3C7	
DLAXIXMD_XSTB_NO		
	3C7	80
DLAXIXMD_XSTB_YES		
	3C7	40
DLAXIXMD_XVERSION		
	3C0	
DLAXIXMDL	3D8	1C
DLAXMBSZ	0	29
DLAXMDSZ	0	1C
M00M0007	0	178
M00M0015	0	350
M00M0016	390	
M00M0017	3BA	
M00M0018	0	3E0
M00M0022	424	

IATYDLF Programming Interface information

Programming Interface information

IATYDLF

End of Programming Interface information

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IATYDLF Heading Information

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

IATYDLF Map

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

Comment

```
-----------------------------------------------------------------
          DEFINITION OF DLFFLAG1
-----------------------------------------------------------------
```

End of Comment

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

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	DLFENTRY	
0	(0)	SIGNED	2	DLFCHAIN	- CHAIN TO NEXT FREE OR ACTIVE ENTRY
2	(2)	SIGNED	2	DLFJNUMC	- Compatible with DLFJNUM - see IATXJBNO macro
4	(4)	CHARACTER	8	DLFJNAME	- JOB NAME

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
12	(C)	SIGNED	4	DLFITIME	- INITIAL DEADLINE TIME
16	(10)	SIGNED	4	DLFJTIME	- CURRENT DEADLINE TIME
20	(14)	BITSTRING	1	DLFIPRTY	- INITIAL JOB PRIORITY
21	(15)	BITSTRING	1	DLFJPRTY	- CURRENT JOB DEADLINE PRIORITY
22	(16)	CHARACTER	1	DLFDTYPE	- DEADLINE TYPE FOR THIS JOB
23	(17)	BITSTRING	1	DLFFLAG3	- FLAG BYTE

Comment

```
-----------------------------------------------------------------
          DEFINITION OF DLFFLAG3
-----------------------------------------------------------------
```

End of Comment

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

IATYDLF Cross Reference

Name	Hex Offset	Hex Value
DLFACTIV	2A	
DLFCHAIN	0	
DLFCHN	C	0
DLFCNT	6	0
DLFDATA	1C	
DLFDINCI	17	8
DLFDINCP	17	10
DLFDPINC	25	
DLFDPRTY	24	
DLFDTINC	26	
DLFDTYPE	16	
DLFENTRY	0	
DLFFEND	40	
DLFFIXL	1E	
DLFFLAG1	22	
DLFFLAG2	23	
DLFFLAG3	17	
DLFFLAG4	19	
DLFFREEL	28	
DLFFSIZE	40	
DLFID	8	C4D3C640
DLFINITS	17	80
DLFIPRTY	14	
DLFITIME	C	
DLFJNAME	4	
DLFJNUM	1C	
DLFJNUMC	2	
DLFJPRTY	15	
DLFJTIME	10	
DLFLOWTM	24	
DLFPCHNG	17	40
DLFPSTDL	17	20
DLFRSVD	30	
DLFRSVS	38	
DLFRSVS1	20	
DLFRSVU	2C	
DLFRSVU1	1A	
DLFSTART	0	
DLFTRK	0	0
DLFUTYPE	18	
DLFVARL	20	
DLFVEND	28	
DLFVLID	18	0
DLFVSIZE	28	

IATYDLOG Heading Information

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

IATYDLOG Map

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

Comment

Extended MCS Console Information.

End of Comment

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

Comment

JESXCF Information.

End of Comment

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

Comment

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

End of Comment

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
56	(38)	DBL WORD	8	DLGASDAT (0)	Address Space Data

Comment

```
      IHAASEO DSECT=NO Generate the fields
%ASEOL1 : ;
    ASSERVE CREATE OUTPUT DATA AREA
   COPYRIGHT =
            5685-001
            THIS MODULE IS "RESTRICTED MATERIALS OF IBM"
            (C) COPYRIGHT IBM CORP. 1988
            LICENSED MATERIALS - PROPERTY OF IBM
   STATUS = HBB3310
     SUBPOOL: N/A, USER-PROVIDED
     METHOD OF ACCESS:
       PL/AS - %INCLUDE SYSUT5(IHAASEO)
              For VIA support, specify %IHAVIA = 'YES' before
              %INCLUDE. Declare ASEOALET as PTR(31).
              If other than BASED( ) is wanted, put the
              desired value in ASEOBASE.
    CHANGE ACTIVITY:
    $L0 = AR HBB3310 850901 PDXB: AR support
%GO TO ASEOL2;
```

End of Comment

Dec	Hex	Type/Value	Len	Name (Dim)	Description
56	(38)	DBL WORD	8	(0)	
56	(38)	X'38'	0	ASEO	"*"
56	(38)	BITSTRING	8	ASEOSTKN	64-bit stoken of new ASCB
64	(40)	ADDRESS	4	ASEOASCB	ASCB of new address space
68	(44)	ADDRESS	4	ASEOECB	ECBs, basing for IEZEAECB
72	(48)	BITSTRING	8	ASEORSV1	Reserved

Comment

```
      JES3 to JES3 DLOG Communication ECB.
```

End of Comment

Dec	Hex	Type/Value	Len	Name (Dim)	Description
80	(50)	SIGNED	4	DLGCMECB	ECB used by JES3 to communicate with DLOG (e.g. to terminate)

Comment

```
      Trace work area used by Nuc task modules that need
      to create a trace record but do not have a dynamic
      work area.
LGXDLTR IATXDLTR FUNC=TRACE, IATXDLTR Parameter List X
```

End of Comment

Comment

```
      $Q0= SYSOPER HJS5521 941208 PD0DR: SP 5.2.1
```

End of Comment

Dec	Hex	Type/Value	Len	Name (Dim)	Description
84	(54)	SIGNED	4	DLGXDLTR (0)	IATXDLTR List Form
84	(54)	ADDRESS	4		Trace table header address
88	(58)	CHARACTER	8		Caller of trace service
96	(60)	CHARACTER	8		Event identifier
104	(68)	ADDRESS	4		Event specific data address
108	(6C)	SIGNED	2		Event specific data length
110	(6E)	SIGNED	2		Reserved
110	(6E)	X'1C'	0	DLGDLTSZ	"*-DLGXDLTR" Size of parameter list

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
		DLOG Statistics.			
					End of Comment
112	(70)	SIGNED	4	DLGPMSGS	Number of times the subtask was posted out of its WAIT and there were messages to process
116	(74)	SIGNED	4	DLGALRCT	Number of times the subtask was posted out of its WAIT and the ALERT ECB was posted
120	(78)	SIGNED	4	DLGWTLBS	The number of times a WTL was issued and we got a busy return
128	(80)	DBL WORD	8	DLGMSGCT	The total number of messages that were processed. If you divide this number by DLGPMSGS you get the number of messages processed each time the subtask wakes up
					Comment
		Flags.			
					End of Comment
136	(88)	BITSTRING	4	DLGFLAGS (0)	Flags
136	(88)	BITSTRING	1	DLGSTAT1	DLOG Status Flag One
					Comment
		---------- Definition of DLGSTAT1 (Must be OILed/NILed) ----------			
					End of Comment
		1...		DLGACTIP	"X'80'" DLOG activation is in progress
		.1..		DLGACTIV	"X'40'" DLOG is active (initialization is complete)
		..1.		DLGDEAIP	"X'20'" DLOG deactivation is in progress
		...1		DLGTERM	"X'10'" The DLOG address space has terminated (deactivation is complete if in process of deactivating DLOG)
		.... 1...		DLGTSTMD	"X'08'" DLOG is in test mode
		.... .1..		DLGSWTLN	"X'04'" DLOG is suspended because of a non-zero return code from the WTL macro
		.... ..1.		DLGRECVR	"X'02'" DLOG is in recovery mode
		1		DLGNOPL	"X'01'" Message was written to OPERLOG but not SYSLOG
137	(89)	BITSTRING	1	DLGSTAT2	DLOG Status Flag Two
					Comment
		---------- Definition of DLGSTAT2. (Must be OILed/NILed) ----------			
					End of Comment
		1...		DLGALDSF	"X'80'" Alert mode - the message data space is full
		.1..		DLGALQLM	"X'40'" Alert mode - the number of messages indicated by the QLIMIT has been reached
		..1.		DLGALPER	"X'20'" Alert mode - the number of messages indicated by the alert percentage has been reached
137	(89)	X'E0'	0	DLGALERT	"DLGALDSF+DLGALQLM+DLGALPER" Alert mode is active
		...1		DLGS2R10	"X'10'" Reserved flag
		.... 1...		DLGS2R08	"X'08'" Reserved flag
		.... .1..		DLGS2R04	"X'04'" Reserved flag
		.... ..1.		DLGS2R02	"X'02'" Reserved flag
		1		DLGS2R01	"X'01'" Reserved flag
138	(8A)	BITSTRING	1	DLGFLG1	DLOG Flag One

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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
144	(90)	ADDRESS	4	DLGTRACE	Address of DLOG trace table header

Comment

End of DLOG Common Data Area.

End of Comment

152	(98)	DBL WORD	8	DLGEND (0)	End of Data Area
152	(98)	X'98'	0	DLGSIZE	"DLGEND-DLGSTART" Size of Data Area

IATYDLOG Cross Reference

Name	Hex Offset	Hex Value
ASEO	38	38
ASEOASCB	40	
ASEOECB	44	
ASEORSV1	48	
ASEOSTKN	38	
DLGACTIP	88	80
DLGACTIV	88	40
DLGALDSF	89	80
DLGALERT	89	E0
DLGALPER	89	20
DLGALQLM	89	40
DLGALRCT	74	0
DLGASDAT	38	
DLGATIME	8A	80
DLGCLEND	90	
DLGCLSIZ	90	90
DLGCMECB	50	0
DLGCONAM	18	E2E8E2D1
DLGCONID	20	0
DLGCONSF	18	1E
DLGCVERS	4	1
DLGDEAIP	88	20
DLGDLA	14	
DLGDLTSZ	6E	1C
DLGEND	98	
DLGFLAGS	88	
DLGFLG1	8A	0
DLGFLG2	8B	0
DLGFLRSV	8C	0
DLGGRPTK	34	0
DLGID	0	C4D3D6C7
DLGJXATT	8A	10
DLGJXDET	8A	8
DLGMEMBR	24	D1C5E2F3
DLGMSGCT	80	0
DLGNOPL	88	1
DLGPMSGS	70	0
DLGRECVR	88	2
DLGRF101	8A	1
DLGRF102	8A	2
DLGRF104	8A	4
DLGRF201	8B	1
DLGRF202	8B	2
DLGRF204	8B	4
DLGRF208	8B	8
DLGRF210	8B	10
DLGRF220	8B	20
DLGRF240	8B	40
DLGRF280	8B	80
DLGRMTKN	10	0
DLGSIZE	98	98
DLGSPOOL	0	F1
DLGSSVT	8	
DLGSTART	0	
DLGSTAT1	88	0
DLGSTAT2	89	0
DLGSWTLN	88	4
DLGS2R01	89	1
DLGS2R02	89	2
DLGS2R04	89	4
DLGS2R08	89	8
DLGS2R10	89	10
DLGTCB	C	
DLGTERM	88	10
DLGTRACE	90	
DLGTSTMD	88	8
DLGVERSN	4	
DLGVSYSL	8A	40
DLGV521	4	1
DLGWLOGS	8A	20
DLGWTLBS	78	0
DLGXDLTR	54	

IATYDMC Heading Information

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

IATYDMC Map

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

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

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		THE FOLLOWING CCW1'S ARE FROM THE COUNT-KEY-DATA (CKD) EXTENTIONS ARCHITECTURE. WHEN USED BY JES3, THEY REPLACE SEEK, SET SECTOR, SEARCH ID EQUAL, AND TIC TO SEARCH CCW1'S.			
				End of Comment	
0	(0)	BITSTRING	16	DMCPRMS (0)	LOCATE RECORD CCW1 PARAMETERS
0	(0)	BITSTRING	1	DMCLOCOP	OPERATION BYTE
		.... .11.		DMCLOCRD	"X'06'" LOC REC READ
		1		DMCLOCWT	"X'01'" LOC REC WRITE
1	(1)	BITSTRING	1	DMCLOCAX	AUXILLIARY BYTE
2	(2)	BITSTRING	2	DMCLOCNO	NO. RECS TO BE PROCESSED
4	(4)	BITSTRING	4	DMCLOCSK	CCHH INFORMATION
8	(8)	BITSTRING	5	DMCLOCSR	CCHHR
13	(D)	BITSTRING	1	DMCLOCST	SECTOR NUMBER
14	(E)	BITSTRING	2	DMCLOCLN	TRANSFER LENGTH FACTOR
56	(38)	CHARACTER	4	DMCID	- BLOCK IDENTIFICATION
60	(3C)	ADDRESS	4	DMCDAT	POINTER TO CORRESPONDING DAT
		1...		DMCDTAUX	"X'80'" IF ON IN DMCDAT, ASSOCIATED DAT IS IN JES3AUX MUST BE ONLY HIGH ORDER BIT
				Comment	
		THE FOLLOWING AREA IS MULTIPLY DEFINED			
				End of Comment	
64	(40)	SIGNED	4	DMCMULTD (0)	- MULT FIELD DEFINITION ORIGIN
				Comment	
		---------- THE FOLLOWING FIELDS APPLY TO JES3 MEMORY BUFFERS ----------			
				End of Comment	
64	(40)	ADDRESS	4	DMCRREAD	- RRE ADDR FOR TAT I/O POSTING
64	(40)	X'40'	0	DMCJCTAD	"DMCRREAD,4" FOR JCT I/O, THE VIRTUAL ADDRESS OF THE JCT WITHIN THE JCT DATA SPACE
68	(44)	ADDRESS	4	DMCJBTAT	- JBTAT FDB ADDR
68	(44)	ADDRESS	4	DMCBUFF	IN CORE BUFF CHN PTRS
		1...		DMCPSTBT	"X'80'" - BIT USED TO POST JESIO FCT'S
				Comment	
		---------- THE FOLLOWING FIELDS APPLY TO USER MEMORY BUFFERS ----------			
				End of Comment	
64	(40)	ADDRESS	4	DMCBPTR	- ADDR OF CURR BUFF POSITION
68	(44)	SIGNED	2	DMCRL	- ROOM LEFT IN CURR BUFF
70	(46)	SIGNED	2	DMCLRECL	- LOGICAL RECORD LENGTH
				Comment	
		---------- THE FOLLOWING FIELDS APPLY TO USAM PBUFS ----------			
				End of Comment	
64	(40)	SIGNED	4	DMCDATRA	- REAL ADDRESS OF DAT FOR THIS DMC

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
68	(44)	SIGNED	4	DMCWORK	- WORK AREA FOR PROT BUFFERS

Comment

THE FOLLOWING FIELDS APPLY TO MULTI RECORD READ BUFFERS

End of Comment

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

Comment

THE FOLLOWING FIELDS APPLY TO ALL FORMS OF IATYDMC'S

End of Comment

72	(48)	SIGNED	4	DMCCLINE	- CURR LINE BEING PROCESSED
76	(4C)	SIGNED	4	DMCCREC	- CURR RECORD BEING PROCESSED
80	(50)	SIGNED	4	DMCCPAGE	- CURR PAGE BEING PROCESSED
80	(50)	X'48'	0	DMCFDSAV	"DMCCLINE" FD ADDR SAVE ON JES INPUT- AND FOR WRTCHAIN
84	(54)	SIGNED	2	DMCRECCT	AVAILBLE RECORD COUNT SAVE AREA
86	(56)	BITSTRING	2	DMCASID	- ADDRESS SPACE ID OF DMC
88	(58)	ADDRESS	4	DMCNXDMC	- NEXT IATYDMC IN I/O QUEUE (For STC/TSO logon, next DMC in in-storage queue)
92	(5C)	ADDRESS	4	DMCDMCPT	- SOURCE IATYDMC FOR PROT DMC
96	(60)	BITSTRING	1	DMCFLAG1	- SEE BIT DEFINITION BELOW

Comment

DEFINITION OF DMCFLAG1

End of Comment

		1...		DMCJESIO	"X'80'" - JES3 MEMORY I/O
		.1..		DMCJTAT	"X'40'" - IATDMTK JBTAT I/O
		..1.		DMCPERR	"X'20'" - CHANNEL PROGRAM FAILED
		...1		DMCREBLD	"X'10'" - REBUILT AFTER UNKNOWN ERROR
		.... 1...		DMCNPUT	"X'08'" - BUFFER TO BE KEPT BY JES
		.... .1..		DMCJBTRK	"X'04'" - TRK FCT POST REQ'D
		.... ..1.		DMCNFREE	"X'02'" - DON'T FREE UBUF IN IATDMEBS
		1		DMCWRITE	"X'01'" - WRITE REQUEST
97	(61)	BITSTRING	1	DMCFLAG2	SEE BIT DEFINITION BELOW

Comment

DEFINITION OF DMCFLAG2

End of Comment

		1...		DMCRETRY	"X'80'" I/O REQUESTED BY I/O ERR RECOVERY
		.1..		DMCROTIO	"X'40'" ROOT FDB BEING UPDATED
		..1.		DMCCHNIO	"X'20'" DISK ADDR CHAIN BEING UPDATED
		...1		DMCCOMPL	"X'10'" RETRY I/O COMPLETED
		.... 1...		DMCPGFRE	"X'08'" BUFFER HAS BEEN FREED
		.... .1..		DMCNOFDB	"X'04'" NO FDB ASSOCIATED WITH BUF.
		.... ..1.		DMCMLTRD	"X'02'" MULTIPLE READ REQUEST
		1		DMCLSTBF	"X'01'" LAST BUFFER OF MULT READ
98	(62)	BITSTRING	1	DMCFLAG3	SEE BIT DEFINITION BELOW

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

					DEFINITION OF DMCFLAG3

				End of Comment	
		1...		DMCFXDAT	"X'80'" DAT PERMANENTLY PAGE FIXED
		.1..		DMCFXDMC	"X'40'" DMC PERMANENTLY PAGE FIXED
		..1.		DMCBUFDA	"X'20'" EXTENDED CKD CCW1S CREATED
		...1		DMCSCHRB	"X'10'" I/O COMPLETE - SRB SCHEDULED
		.... 1...		DMCONQ	"X'08'" DMC ON WAIT/BUSY QUEUE
		.... .1..		DMCBLKIO	"X'04'" BLOCK I/O
		.... ..1.		DMCBFRET	"X'02'" RETURN BUFFER TO SDM
99	(63)	BITSTRING	1	DMCFLAG4	JES3 GLOBAL ADDR SPACE FLAG BYTE - FOR USE ONLY BY IATNUC TASK
				Comment	

					DEFINITION OF DMCFLAG4

				End of Comment	
		1...		DMCDATMD	"X'80'" ASSOCIATED DAT MODIFIED - WRTCHAIN OPTION=MODONLY MUST WRITE
		.1..		DMCJBTOV	"X'40'" JBT EXPANSION POST REQUIRED
		..1.		DMCSWICH	"X'20'" DMC SWITCHED, RE-SORT DMC'S
		...1		DMCWRTCH	"X'10'" WRTCHAIN DMC
		.... 1...		DMCFCSET	"X'08'" DMCFCT PRESET FOR SRF WRITE 0680
		.... .1..		DMCSRFFD	"X'04'" SRF READ REQUEST FROM FD 0680
		.... ..1.		DMCCSBTR	"X'02'" CSBT-READ DMC
100	(64)	BITSTRING	1	DMCFLAG5	SEE BIT DEFINITION BELOW
				Comment	

					DEFINITION OF DMCFLAG5

				End of Comment	
		1...		DMCCPDS	"X'80'" COMPOSED PAGE DATA STREAM
		.1..		DMCVLCHK	"X'40'" DMC validation check flag (used for loop detection)
101	(65)	BITSTRING	1	DMCJCNT	JSAM-IO COUNT FIELD
102	(66)	BITSTRING	1	DMCRFLAG	RESERVED FOR DEVELOPMENT
103	(67)	BITSTRING	1	DMCRDMSK	OUTPUT COMPLETED MASK BYTE
104	(68)	BITSTRING	1	DMCDSP	DSP DICT. NO. AT GETBUF
105	(69)	BITSTRING	1	DMCSTKEY	SAVE AREA FOR RD/WRT PSW KEY
106	(6A)	BITSTRING	2	DMCLKTRC (0)	PUT lock trace
106	(6A)	BITSTRING	1	DMCLKFPV	PUT lock footprint - prev.
107	(6B)	BITSTRING	1	DMCLKFPT	PUT lock footprint - current
				Comment	

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

				End of Comment	
		1		DMCLKDM1	"X'01'" IATDMDM PUT lock obtain

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... ..1.		DMCLKDM2	"X'02'" IATDMDM PUT lock release
		11		DMCLKDM3	"X'03'" IATDMDM PUT lock obtain
		...1 ..1.		DMCLKEB1	"X'12'" IATDMEB PUT lock release
		...1 ..11		DMCLKEB2	"X'13'" IATDMEB PUT lock steal
		..1. ...1		DMCLKUB1	"X'21'" IATDMUB PUT lock obtain
		..11 ..1.		DMCLKCC1	"X'32'" IATSICC PUT lock release
		..11 ..11		DMCLKCC2	"X'33'" IATSICC PUT lock obtain
		..11 .1..		DMCLKCC3	"X'34'" IATSICC PUT lock release
		..11 .11.		DMCLKCC4	"X'36'" IATSICC PUT lock release
		..11 1...		DMCLKCC5	"X'38'" IATSICC PUT lock release
		.1.. ..1.		DMCLKJS1	"X'42'" IATSIJS PUT lock release
		.1.1 ...1		DMCLKOR1	"X'51'" IATSIOR PUT lock obtain
		.1.1 ..1.		DMCLKOR2	"X'52'" IATSIOR PUT lock release
		.1.1 .1..		DMCLKOR3	"X'54'" IATSIOR PUT lock release
		.1.1 .11.		DMCLKOR4	"X'56'" IATSIOR PUT lock release
		.1.1 .111		DMCLKOR5	"X'57'" IATSIOR PUT lock obtain
		.1.1 1...		DMCLKOR6	"X'58'" IATSIOR PUT lock release
		.11. ...1		DMCLKSP1	"X'61'" IATGRSP PUT lock obtain
		.11. ..1.		DMCLKSP2	"X'62'" IATGRSP PUT lock release
108	(6C)	ADDRESS	4	DMCTVTP	IATYTVT POINTER
108	(6C)	X'6C'	0	DMCPUTLK	"DMCTVTP" USAM PUT LOCK - USED IN THE FIRST UBUF DMC IN THE POOL
112	(70)	ADDRESS	4	DMCNXDUP	- ORIGINAL DMC CHAIN POINTER
116	(74)	ADDRESS	4	DMCFCT	PTR TO FCT FOR JSAM BUFFERS
120	(78)	ADDRESS	4	DMCFDDSS	- DSS FOR NON-JES MEMORY I/O, FDB FOR JES MEMORY I/O *
124	(7C)	ADDRESS	4	DMCNEXT	NEXT DMC FOR WRTCHAIN OR CSBT-READ
128	(80)	ADDRESS	4	DMCPREV	PREVIOUS DMC FOR WRTCHAIN OR CSBT-READ
128	(80)	X'78'	0	DMCACQ	"DMCFDDSS" ADDRESS OF ACQ ENTRY FOR THIS BLOCK I/O
132	(84)	SIGNED	4	DMCRSVD1 (2)	Reserved for service

Comment

```
-------------------------------------------------------------
 FIELDS DMCRETN, DMCRETN1, AND DMCRETN2 CONTAIN THE LAST
 THREE RETURN ADDRESS IN THE CALLING SEQUENCE LEADING TO
 THE JESREAD FOR THE BUFFER FOR THIS DMC. FIELDS DMCRETN1
 AND DMCRETN2 USE FIELDS DMCCWRK1 AND DMCCWRK2. DMCCWRK1
 AND DMCCWRK2 ARE USED BY MODULE IATDMDK AS REGISTER SAVE
 AREAS ACROSS A CALL TO PAGE SERVICES. SINCE THE I/O FOR
 THE BUFFER HAS BEEN COMPLETE BY THE TIME IATDMNC REGAINS
 CONTROL TO SAVE THE RETURN ADDRESSES, NO CONFLICT EXISTS
 IN THE DUAL USAGE OF THESE TWO FIELDS.
 NOTE: IAYTDMC CAN BE EXPANDED AS EITHER TYPE=DSECT OR
 TYPE=DATA. IF TYPE=DATA IS SPECIFIED, LABELS DMCRETN,
 DMCRETN1, AND DMCRETN2 IN THE ABOVE DESCRIPTION WILL BE
 DKRETN, DKRETN1, AND DKRETN2 RESPECTIVELY.
-------------------------------------------------------------
```

End of Comment

140	(8C)	ADDRESS	4	DMCRETN	RETURN ADDRESS OF CALLER
144	(90)	SIGNED	4	DMCCWRK1	COMMON WORK AREA 1
144	(90)	X'90'	0	DMCRETN1	"DMCCWRK1" SECOND LEVEL RETURN ADDRESS
148	(94)	SIGNED	4	DMCCWRK2	COMMON WORK AREA 2
148	(94)	X'94'	0	DMCRETN2	"DMCCWRK2" THIRD LEVEL RETURN ADDRESS
152	(98)	SIGNED	4	DMCCWRK3	COMMON WORK AREA 3
156	(9C)	SIGNED	4	DMCSKCNT	Count of page skips (ASA x'F1' or machine control characters x'89' or x'8B')
160	(A0)	DBL WORD	8	DMCFEND (0)	- END OF FIXED PART OF IATYDMC
160	(A0)	X'A0'	0	DMCFSIZE	"DMCFEND-DMCSTART" - SIZE OF FIXED PART OF IATYDMC

IATYDMC Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
Comment					
---------- DMCSAVE AND DMCXMWRK ARE FOR USAM PBUFS ONLY ----------					
End of Comment					
160	(A0)	SIGNED	4	DMCSAVE (18)	SAVE AREA
160	(A0)	X'B8'	0	DMCSAVE1	"DMCSAVE+24" REG 1 SAVE AREA
232	(E8)	CHARACTER	1	DMCXMWRK (0)	WORK AREA FOR CROSS MEMORY MOVES
288	(120)	DBL WORD	8	DMCPEND (0)	- END OF PBUF TYPE OF IATYDMC
288	(120)	X'120'	0	DMCPSIZE	"DMCPEND-DMCSTART" - SIZE OF PBUF TYPE OF IATYDMC

IATYDMC Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
DMCACQ	80	78	DMCJCTMR	44	0
DMCASID	56	0	DMCJESIO	60	80
DMCBFRET	62	2	DMCJTAT	60	40
DMCBLKIO	62	4	DMCLKCC1	6B	32
DMCBPTR	40		DMCLKCC2	6B	33
DMCBUFDA	62	20	DMCLKCC3	6B	34
DMCBUFF	44		DMCLKCC4	6B	36
DMCCHAIN	40		DMCLKCC5	6B	38
DMCCHNIO	61	20	DMCLKDM1	6B	1
DMCCLINE	48	0	DMCLKDM2	6B	2
DMCCOMPL	61	10	DMCLKDM3	6B	3
DMCCPAGE	50	0	DMCLKEB1	6B	12
DMCCPDS	64	80	DMCLKEB2	6B	13
DMCCPEND	28	30	DMCLKFPT	6B	0
DMCCREC	4C	0	DMCLKFPV	6A	0
DMCCSBTR	63	2	DMCLKJS1	6B	42
DMCCWRK1	90	0	DMCLKOR1	6B	51
DMCCWRK2	94	0	DMCLKOR2	6B	52
DMCCWRK3	98	0	DMCLKOR3	6B	54
DMCDAT	3C		DMCLKOR4	6B	56
DMCDATMD	63	80	DMCLKOR5	6B	57
DMCDATRA	40	0	DMCLKOR6	6B	58
DMCDMCPT	5C		DMCLKSP1	6B	61
DMCDSP	68	0	DMCLKSP2	6B	62
DMCDTAUX	3C	80	DMCLKTRC	6A	
DMCEXTWT	20	85	DMCLKUB1	6B	21
DMCFCSET	63	8	DMCLOCAX	1	80
DMCFCT	74		DMCLOCLN	E	0
DMCFDDSS	78		DMCLOCNO	2	1
DMCFDSAV	50	48	DMCLOCOP	0	0
DMCFEND	A0		DMCLOCRD	0	6
DMCFLAG1	60	0	DMCLOCSK	4	0
DMCFLAG2	61	0	DMCLOCSR	8	0
DMCFLAG3	62	0	DMCLOCST	D	0
DMCFLAG4	63	0	DMCLOCWT	0	1
DMCFLAG5	64	0	DMCLRECL	46	0
DMCFSIZE	A0	A0	DMCLSTBF	61	1
DMCFXDAT	62	80	DMCMLTRD	61	2
DMCFXDMC	62	40	DMCMULTD	40	
DMCID	38	C4D4C340	DMCNEXT	7C	
DMCJBTAT	44		DMCNFREE	60	2
DMCJBTOV	63	40	DMCNOFDB	61	4
DMCJBTRK	60	4	DMCNPUT	60	8
DMCJCNT	65	0	DMCNXDMC	58	
DMCJCTAD	40	40	DMCNXDUP	70	

Name	Hex Offset	Hex Value
DMCONQ	62	8
DMCPEND	120	
DMCPERR	60	20
DMCPGFRE	61	8
DMCPREV	80	
DMCPRMS	0	
DMCPSIZE	120	120
DMCPSTBT	48	80
DMCPUTLK	6C	6C
DMCRCRD	30	36
DMCRDMSK	67	0
DMCRDOP	20	6
DMCREBLD	60	10
DMCRECCT	54	0
DMCRETN	8C	
DMCRETN1	90	90
DMCRETN2	94	94
DMCRETRY	61	80
DMCRFLAG	66	0
DMCRL	44	0
DMCROTIO	61	40
DMCRREAD	40	
DMCRSVD1	84	0
DMCSAVE	A0	0
DMCSAVE1	A0	B8
DMCSCHRB	62	10
DMCSECT	30	37
DMCSEEK	30	0
DMCSKCNT	9C	0
DMCSRCH	30	32
DMCSRFFD	63	4
DMCSTART	0	
DMCSTKEY	69	0
DMCSWICH	63	20
DMCTVTP	6C	
DMCVLCHK	64	40
DMCWORK	44	0
DMCWRITE	60	1
DMCWRTCH	63	10
DMCWRTOP	20	5
DMCXMWRK	E8	

IATYDOI Programming Interface information

Programming Interface information

IATYDOI

End of Programming Interface information

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IATYDOI Heading Information

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

IATYDOI Map

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

Comment

Definition of DOIFLAGS

End of Comment

		1...		DOIJMRP	"X'80'" JMR is present in DOI
		.1..		DOIJDOP	"X'40'" JDO is present in DOI
		..1.		DOIFAKE	"X'20'" DOI is not a real DOI 0259
		...1		DOIUSND	"X'10'" USERID (DOIUSID) is 0004 undefined 0004
65	(41)	BITSTRING	3	DOIRSVD1	Reserved for development
68	(44)	SIGNED	4	DOIRSVD2 (2)	Reserved for development
76	(4C)	SIGNED	4	DOIRSVS1 (2)	Reserved for service
84	(54)	SIGNED	4	DOIRSVU1 (2)	Reserved for user
84	(54)	X'5C'	0	DOIFSIZE	"*-DOISTART" Length of fixed portion

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
Comment					
---------- JMR (for APPC sysout) ----------					
End of Comment					
92	(5C)	BITSTRING	1	DOIJMR (0)	JMR
Comment					
---------- JDO (for DYNAMIC OUTPUT statements and APPC sysout) ----------					
End of Comment					
92	(5C)	BITSTRING	1	DOIJDO (0)	JDO
92	(5C)	X'664'	0	DOIMAXSZ	"DOIFSIZE+L'DOIJMR+JDOMXSIZ" Maximum DOI Size

IATYDOI Cross Reference

Name	Hex Offset	Hex Value
DOICHAIN	8	
DOIFAKE	40	20
DOIFLAGS	40	
DOIFSIZE	54	5C
DOIID	0	
DOIJBNAM	38	
DOIJDO	5C	
DOIJDOOF	6	
DOIJDOP	40	40
DOIJMR	5C	
DOIJMRP	40	80
DOIJOBID	30	
DOILENGT	4	
DOIMAXSZ	5C	664
DOIRSVD1	41	
DOIRSVD2	44	
DOIRSVS1	4C	
DOIRSVU1	54	
DOISTART	0	
DOIUSID	28	
DOIUSND	40	10

IATYDSB Heading Information

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

IATYDSB Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DSBSTART	
0	(0)	CHARACTER	4	DSBID	DSB BLOCK IDENTIFICATION
4	(4)	ADDRESS	4	DSBDSS	ADDR OF ASSOC DSS 4
8	(8)	CHARACTER	8	DSBDDNAM	DDNAME FOR THIS DATASET
16	(10)	BITSTRING	1	DSBPTRBA	RBA DATA FOR 'POINT'
16	(10)	X'10'	0	DSBRBARC	"DSBPTRBA,4" RBA RECORD NUMBER
16	(10)	X'14'	0	DSBRBADK	"DSBPTRBA+4,L'FDBSPADR" RBA SPOOL M.R ADDR
26	(1A)	BITSTRING	1	DSBALGN0	RESERVED FOR SERVICE 1 13
27	(1B)	BITSTRING	1	DSBUKEY	UBUF KEY
28	(1C)	ADDRESS	4	DSBOPTCB	ADDRESS OF TOP JOBSTEP TASK 2
32	(20)	SIGNED	4	DSBOUTLM	OUTLIM VALUE FOR THIS DS
36	(24)	ADDRESS	4	DSBCDMC	IATYDMC CURRENTLY IN USE
40	(28)	ADDRESS	4	DSBDMCQ	1ST DMC WAITING TO DO I/O (For STC/TSO INTRDR, first DMC in in-storage queue) 1
44	(2C)	SIGNED	4	DSBECB	ECB USED TO WAIT REQUESTS 1
48	(30)	SIGNED	4	DSBSSECB	ECB USED TO WAIT SSI REQ
52	(34)	ADDRESS	4	DSBSSTCB	TCB WAITING WITH AN SSI REQ
56	(38)	ADDRESS	4	DSBDMCBA	BEGIN ADDR OF DMC BUFFER POOL
60	(3C)	ADDRESS	4	DSBDMCEA	END ADDR + 1 OF DMC BUF POOL
64	(40)	ADDRESS	4	DSBDATBA	BEGIN ADDR OF DAT BUFFER POOL
68	(44)	ADDRESS	4	DSBDATEA	END ADDR + 1 OF DAT BUF POOL
72	(48)	ADDRESS	4	DSBUBUFF	UBUFF SOURCE FOR PROT BUFFER
76	(4C)	BITSTRING	1	DSBSSCSV	IATSIDMC SAVE AREA
76	(4C)	X'4C'	0	DSBSSCV1	"DSBSSCSV,4" FIRST SAVE AREA FOR CLOSE
76	(4C)	X'50'	0	DSBSSCV2	"DSBSSCSV+4,L'FDBSPADR" SECOND SAVE AREA FOR CLOSE
86	(56)	BITSTRING	6	DSBSPSAV	M.R SAVE AREA FOR USAM
92	(5C)	SIGNED	4	DSBSSISV (2)	IATSIDM SSI SAVE AREA
92	(5C)	X'5C'	0	DSBSSSV1	"DSBSSISV,4,C'F'" FIRST SAVE WORD
92	(5C)	X'60'	0	DSBSSSV2	"DSBSSISV+4,4,C'F'" SECOND SAVE WORD 2
100	(64)	SIGNED	4	DSBJNUM	Job number for data sets PERTAINING TO C/I AND PSO
104	(68)	SIGNED	2	DSBRSVD2	Reserved for IBM
106	(6A)	CHARACTER	1	DSBBUFNO	NUMBER OF BUFFERS FOR DS
107	(6B)	CHARACTER	1	DSBBPPGS	NUMBER OF BUFFER POOL PAGES

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Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
108	(6C)	SIGNED	2	DSBLRECL	LRECL FOR SYSOUT DATA SET
110	(6E)	CHARACTER	1	DSBCLASS	SYSOUT CLASS
111	(6F)	CHARACTER	1	DSBCOPY	NUMBER OF COPIES 4
112	(70)	SIGNED	4	DSBRRECB	ECB FOR RAB REFRESH.

Comment

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

End of Comment

116	(74)	SIGNED	2	DSBEBUFN	OSE BUFR NUMBER FOR XWTR
118	(76)	SIGNED	2	DSBEOFST	OSE BUFR OFFSET FOR XWTR
116	(74)	SIGNED	4	DSBSTKPT	Pointer to the thread's SAPI token
120	(78)	CHARACTER	8	DSBDEST	REMOTE DESTINATION
128	(80)	CHARACTER	8	DSBPGM	USER WRITER NAME
136	(88)	CHARACTER	4	DSBFORM	FORMS NUMBER
140	(8C)	SIGNED	4	DSBJDSPT	POINTER TO JDSENTRY FOR THIS DS
144	(90)	SIGNED	2	DSBSBUFC	UBUF CNT SAVED AT SCHED TIME
146	(92)	BITSTRING	1	DSBABMSK	ABEND MASK FIELD USED BY IATDMEB FOR LIMIT PROCESSING
147	(93)	BITSTRING	1	DSBRECTX	RECORDS/TRACK FOR DSBNSREC.
148	(94)	SIGNED	4	DSBLVARC	LAST VALID RECORD COUNT
152	(98)	SIGNED	2	DSBOPCNT	NUMBER OF OPEN DCB'S FOR DS
154	(9A)	BITSTRING	1	DSBMSGCD	MESSAGE CODE FROM IATDMEB 2
155	(9B)	BITSTRING	1	DSBNSREC	NO. SEQUENTIAL RECORDS ALLOC
156	(9C)	SIGNED	4	DSBCREC	RECORD COUNT IN DMC OF PREVIOUS BUFFER
160	(A0)	SIGNED	4	DSBCLINE	LINE COUNT IN DMC OF PREVIOUS BUFFER
164	(A4)	SIGNED	4	DSBCPAGE	PAGE COUNT IN DMC OF PREVIOUS BUFFER
168	(A8)	CHARACTER	4	DSBUCS	UCS ID 0439
172	(AC)	CHARACTER	4	DSBFCB	FCB ID 0096
176	(B0)	ADDRESS	4	DSBORT	ADDRESS OF OUTPUT DESC. TABLE
180	(B4)	ADDRESS	4	DSBOCTCB	OPEN/CLOSE/INTRDR active 0008 TCB address 0008 (CS MUST BE USED TO UPDATE)
184	(B8)	ADDRESS	4	DSBTSKQ	OPEN/CLOSE/PUT WAIT QUEUE (CS MUST BE USED TO UPDATE)
188	(BC)	SIGNED	4	DSBSKCNT	Count of page skips (ASA x'F1' or machine control characters x'89' or x'8B')
192	(C0)	SIGNED	4	DSBBFTCB	TCB associated with the DAT/DMC storage
196	(C4)	SIGNED	4	DSBCBYTE	Data set byte count
200	(C8)	SIGNED	4	DSBRSVD	Reserved for Development
204	(CC)	SIGNED	4	DSBRSVU	RESERVED FOR USER

Comment

Definition of DSBFLAG1

End of Comment

208	(D0)	BITSTRING	1	DSBFLAG1	FLAG BYTE
		1...		DSBCPDS	"X'80'" COMPOSED PAGE DATA STREAM
		.1..		DSBNOTRN	"X'40'" NO TRUNCATION FOR DATA SET
		..1.		DSBBDTRE	"X'20'" REQUEST FROM BDT
		...1		DSBLLOCK	"X'10'" LOCAL LOCK HELD PRIOR TO ENTRY OF DMUB
		.... 1...		DSBKEY1	"X'08'" OBTAIN DAT/DMC STORAGE IN KEY ONE
		.... .1..		DSBSTCGM	"X'04'" GETMAIN for a larger DAT was issued in ENDREQ processing for STC/TSO INTRDR
		.... ..1.		DSBUSND	"X'02'" DATASET ALLOCATED UNDER 0004 UNDEFINED USER 0004
		1		DSBHOLD	"X'01'" Force TYPRUN=HOLD

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

					Definition of DSBSDEF

					End of Comment
209	(D1)	BITSTRING	1	DSBSDEF	DEFAULT FLAGS FOR MVS 2108
		1...		DSBDEFC	"X'80'" COPIES VALUE IS DEFAULT 2108
		.1..		DSBDCLA	"X'40'" SYSOUT CLASS IS DEFAULT 2108
		..1.		DSBDDES	"X'20'" DESTINATION IS DEFAULT
					Comment

					Definition of DSBFLAG2

					End of Comment
210	(D2)	BITSTRING	1	DSBFLAG2	Flag byte
		1...		DSBRUNLC	"X'80'" Indicate job should run here
		.1..		DSBSAPIR	"X'40'" SAPI thread is processing dataset
		..1.		DSBSGROK	"X'20'" SAPI GET request OK
		...1		DSBUNLOK	"X'10'" SAPI Unallocation performed
		.... 1...		DSBFRDMC	"X'08'" Request to free DMC storage for INTRDR data set
		.... .1..		DSBPUTLH	"X'04'" DSB PUT lock held on entry to OPEN
		.... ..1.		DSBWTRNM	"X'02'" DSBPGM is a writer name 0008 (If this bit is off, then 0008 DSBPGM, if present, is a 0008 second-level destination) 0008
		1		DSBFG201	"X'01'" Reserved for IBM
					Comment

					Definition of DSBFLAG3

					End of Comment
211	(D3)	BITSTRING	1	DSBFLAG3	Flag byte 3
		1...		DSBCMSPN	"X'80'" Spinoff of JESMSGLG and JESYSMSG due to op cmd
		.1..		DSBFG340	"X'40'" Reserved for IBM
		..1.		DSBFG320	"X'20'" Reserved for IBM
		...1		DSBFG310	"X'10'" Reserved for IBM
		.... 1...		DSBFG308	"X'08'" Reserved for IBM
		.... .1..		DSBFG304	"X'04'" Reserved for IBM
		.... ..1.		DSBFG302	"X'02'" Reserved for IBM
		1		DSBFG301	"X'01'" Reserved for IBM
212	(D4)	SIGNED	4	DSBRSVD3 (4)	Reserved for IBM
228	(E4)	SIGNED	4	DSBFEND (0)	END OF FIXED PART OF BLOCK
228	(E4)	X'E4'	0	DSBFSIZE	"DSBFEND-DSBSTART" SIZE OF FIXED PART OF BLOCK 77
					Comment
		START OF THE VARIABLE PORTION OF THE IATYDSB. THE LENGTH OF THIS AREA IN BYTES = THE VALUE IN DSBBPPGS, WHICH IN TURN IS BASED ON THE MAIN PROC USRPAGE PARAMETER.			
					End of Comment
228	(E4)	CHARACTER	1	DSBBALBY	1 BUFF ALLOC BYTE PER 4K

IATYDSB Cross Reference

Name	Hex Offset	Hex Value
DSBABMSK	92	
DSBALGN0	1A	
DSBBALBY	E4	
DSBBDTRE	D0	20
DSBBFTCB	C0	
DSBBPPGS	6B	
DSBBUFNO	6A	
DSBCBYTE	C4	
DSBCDMC	24	
DSBCLASS	6E	
DSBCLINE	A0	
DSBCMSPN	D3	80
DSBCOPY	6F	
DSBCPAGE	A4	
DSBCPDS	D0	80
DSBCREC	9C	
DSBDATBA	40	
DSBDATEA	44	
DSBDCLA	D1	40
DSBDDES	D1	20
DSBDDNAM	8	
DSBDEFC	D1	80
DSBDEST	78	
DSBDMCBA	38	
DSBDMCEA	3C	
DSBDMCQ	28	
DSBDSS	4	
DSBEBUFN	74	
DSBECB	2C	
DSBEOFST	76	
DSBFCB	AC	
DSBFEND	E4	
DSBFG201	D2	1
DSBFG301	D3	1
DSBFG302	D3	2
DSBFG304	D3	4
DSBFG308	D3	8
DSBFG310	D3	10
DSBFG320	D3	20
DSBFG340	D3	40
DSBFLAG1	D0	
DSBFLAG2	D2	
DSBFLAG3	D3	
DSBFORM	88	
DSBFRDMC	D2	8
DSBFSIZE	E4	E4
DSBHOLD	D0	1
DSBID	0	
DSBJDSPT	8C	
DSBJNUM	64	
DSBKEY1	D0	8
DSBLLOCK	D0	10
DSBLRECL	6C	
DSBLVARC	94	
DSBMSGCD	9A	
DSBNOTRN	D0	40
DSBNSREC	9B	
DSBOCTCB	B4	
DSBOPCNT	98	
DSBOPTCB	1C	
DSBORT	B0	
DSBOUTLM	20	
DSBPGM	80	
DSBPTRBA	10	
DSBPUTLH	D2	4
DSBRBADK	10	14
DSBRBARC	10	10
DSBRECTX	93	
DSBRRECB	70	
DSBRSVD	C8	
DSBRSVD2	68	
DSBRSVD3	D4	
DSBRSVU	CC	
DSBRUNLC	D2	80
DSBSAPIR	D2	40
DSBSBUFC	90	
DSBSDEF	D1	
DSBSGROK	D2	20
DSBSKCNT	BC	
DSBSPSAV	56	
DSBSSCSV	4C	
DSBSSCV1	4C	4C
DSBSSCV2	4C	50
DSBSSECB	30	
DSBSSISV	5C	
DSBSSSV1	5C	5C
DSBSSSV2	5C	60
DSBSSTCB	34	
DSBSTART	0	
DSBSTCGM	D0	4
DSBSTKPT	74	
DSBTSKQ	B8	
DSBUBUFF	48	
DSBUCS	A8	
DSBUKEY	1B	
DSBUNLOK	D2	10
DSBUSND	D0	2
DSBWTRNM	D2	2

IATYDSD Programming Interface information

Programming Interface information

IATYDSD

End of Programming Interface information

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IATYDSD Heading Information

Common Name: GENERATE DSP DICTIONARY ENTRY
Macro ID: IATYDSD
DSECT Name: DSD DSDELEM
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: JES3 NUCLEUS, FSS NUCLEUS
Auxiliary Storage: N/A
Size: 72 Bytes
Created by: IATGRPT
IATGRPTF
IATYFCD
Pointed to by: N/A
Serialization: N/A
Function: Generates a DSP dictionary entry in modules IATGRPT and IATGRPTF

Dependencies: This macro generates code mapped by the macro IATYDSP. Any changes must be reflected in that macro and vice versa.

IATYDSD Map

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

Comment

```
------------------------------------------------------------
        WARNING
    THE OFFSETS BETWEEN FDBSTART AND FDBFREND MUST NOT
    BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON
    SOME JES3 MODULES.
------------------------------------------------------------
```

End of Comment

0	(0)	SIGNED	4	FDBDATA (0)	- BUFFER ADDRESS OF DATA
0	(0)	BITSTRING	6	FDBSPADR (0)	- M.R SPOOL REC ADDR OF DATA
0	(0)	BITSTRING	2	FDBSPMOD	- MODULE NUMBER OF SPOOL EXTENT
2	(2)	BITSTRING	4	FDBSPREC	- RECORD NUMBER OF DATA
6	(6)	BITSTRING	1	FDBFLAG0 (0)	SINGLE RECORD AND ERROR FLAGS

Comment

```
------------------------------------------------------------
  DEFINITION OF FDBFLAG0: SINGLE-RECORD AND ERROR FLAGS
------------------------------------------------------------
```

End of Comment

1111	....	FDBERFLG	"X'F0'" I/O ERROR FLAGS.
1..1	....	FDBDKFRR	"X'90'" PROGRAM CHECK IN IATDMDK.
1...	....	FDBRECOV	"X'80'" SUCCESSFUL ERROR RECOVERY OCCURRED
.111	....	FDBJBTER	"X'70'" ERROR READING THE JBT OCCURRED
.11.	....	FDBCHKPT	"X'60'" FIRST/LAST TRACK ADDR CHANGE
.1.1	....	FDBF0RS1	"X'50'" RESERVED FLAG.
.1..	....	FDBERROR	"X'40'" UNCORRECTABLE I/O ERROR OCCURRED
..11	....	FDBTAERR	"X'30'" DISK ADDRESS NOT VERIFY.
..1.	....	FDBIOERR	"X'20'" I/O ERROR RECOVERY IN PROGRESS
...1	....	FDBROTER	"X'10'" ERROR OCCURRED ON ROOT I/O.

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		FOLLOWING FOUR FLAGS ARE FOR SINGLE RECORD FILES ONLY			
				End of Comment	
		.... 1...		FDBNOPUT	"X'08'" WRITE WITHOUT PUTBUF
		.... .1..		FDBOLD	"X'04'" OLD SINGLE RECORD FILE
		.... ..1.		FDBJBTAT	"X'02'" INDICATES FDB IS A JBTAT FDB
		1		FDBFCTPM	"X'01'" PARAMETERS IN FCT
6	(6)	BITSTRING	1	FDBPRTY	FDB PRTY (BITS 0-3) DURING OPEN
7	(7)	BITSTRING	1	FDBFLAGS	FLAGS COMMON TO SINGLE/MULT 1
				Comment	
		---------- DEFINITION OF FDBFLAGS: SINGLE- & MULTIPLE-RECORD FILES ----------			
				End of Comment	
		1...		FDBECF	"X'80'" - I/O EVENT COMPLETION.
		.1..		FDBMNTAT	"X'40'" SINGLE TRACK ALLOCATION USED
		..1.		FDBINPUT	"X'20'" - INPUT/OUTPUT FILE (INPUT IF ON).
		...1		FDBCLOSE	"X'10'" - OPEN/CLOSED FLAG (CLOSED IF ON).
		.... 1...		FDBMULT	"X'08'" - SINGLE/MULTIPLE FILE (MULT IF ON).
		.... .1..		FDBSRSV1	"X'04'" - RESERVED.
		.... ..1.		FDBWCHLK	"X'02'" - WRTCHAIN ROOT FDB LOCK FLAG.
		1		FDBSRSV2	"X'01'" - RESERVED.
8	(8)	BITSTRING	1	FDBSPFL1	- FLAGS FOR SPOOL DATA MGMT
				Comment	
		---------- DEFINITION OF FDBSPFL1: SINGLE- & MULTIPLE-RECORD FILES ----------			
				End of Comment	
		1...		FDBONSP	"X'80'" - FDB CONTAINS A SPOOL ADDRESS
		.1..		FDBIOIP	"X'40'" - I/O IN-PROGRESS INDICATOR
		..1.		FDBCSBTR	"X'20'" CSBT USED TO READ CH. SRF 0440
		...1		FDBCSBTW	"X'10'" USE CSBT TO WRITE CHAINED SRF
		.... 1...		FDBCSBTL	"X'08'" USE CSBT TO RELEASE CHAINED SRF
		.... .1..		FDBCSBTJ	"X'04'" USE CSBT FOR THIS JESREAD 0440
9	(9)	BITSTRING	1	FDBFLGR2	- RESERVED FOR SERVICE
10	(A)	SIGNED	2	FDBRSVD1	- RESERVED FOR DEVELOPMENT
12	(C)	BITSTRING	1	FDBSREND (0)	END OF SINGLE REC FILE FDB
12	(C)	X'C'	0	FDBSRFL	"FDBSREND-FDBSTART" LENGTH OF AN SRF FDB
12	(C)	SIGNED	2	FDBFREND (0)	END OF FDB FROZEN SECTION

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

					WARNING
					THE OFFSETS BETWEEN FDBSTART AND FDBFREND MUST NOT
					BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON
					SOME JES3 MODULES.

					END OF SINGLE RECORD FILE FDB

					THE FOLLOWING FIELDS ARE FOR MULTI-RECORD FILE FDBS
					(EXISTS IF THE FLAG FDBMULT IS ON IN FDBFLAGS)

				End of Comment	
12	(C)	BITSTRING	1	FDBFLAG1	- FLAGS FOR MULTIPLE RECORD FILES.
				Comment	

					DEFINITION OF FDBFLAG1: MULTIPLE-RECORD FILES

				End of Comment	
		1...		FDBOCLSE	"X'80'" - CLOSE OF FILE INITIATED.
		.1..		FDBFDATA	"X'40'" - FIRST DATA BUFFER FLAG.
		..1.		FDBDATCH	"X'20'" - DATA BUFFER CHAIN FLAG.
		...1		FDBSPLIT	"X'10'" - DATA IS SPLIT BETWEEN TWO BUFFERS.
		.... 1...		FDBEND	"X'08'" - FILE IS BEING OPENED AT ITS END.
		.... .1..		FDBPOINT	"X'04'" - POINT IS IN PROGRESS.
		.... ..1.		FDBDEBS	"X'02'" - DEBLOCKS BIT.
		1		FDBPNTIN	"X'01'" - APOINT HAS TYPE=IN AS PARAMETER.
13	(D)	BITSTRING	1	FDBFLAG2	- FLAGS FOR MULTIPLE RECORD FILES.
				Comment	

					DEFINITION OF FDBFLAG2: MULTIPLE-RECORD FILES

				End of Comment	
		1...		FDBLSTIO	"X'80'" - SET LAST I/O REQUEST STARTED.
		.1..		FDBALLIO	"X'40'" - SET WHEN LAST DATA BUFFER WRITTEN.
		..1.		FDBLOCAT	"X'20'" - SET WHEN AN ALOCATE IS DONE.
		...1		FDBNDATA	"X'10'" ON = NO DATA IN FILE
		.... 1...		FDBODEOD	"X'08'" RECOVER FROM NO EOD ON OPEND
		.... .1..		FDBSKIP	"X'04'" SKIP RECORD IF READ I/O ERROR
		.... ..1.		FDBMAC	"X'02'" MACHINE CARRIAGE CONTROL
		1		FDBASA	"X'01'" ASA CARRIAGE CONTROL FOR DS
14	(E)	BITSTRING	1	FDBFLAG3	- FLAGS FOR MULTI-RECORD FILES
				Comment	

					DEFINITION OF FDBFLAG3: MULTIPLE-RECORD FILES

				End of Comment	
		1...		FDBOPTCD	"X'80'" - OPTCD = J SPECIFIED
		.1..		FDBIOCNG	"X'40'" - I/O COUNT ERROR DETECTED
15	(F)	BITSTRING	1	FDBFLGR4	- RESERVED FOR SERVICE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
16	(10)	BITSTRING	1	FDBIOCNT	- NUMBER OF I/O REQUESTS OUTSTANDING.
17	(11)	BITSTRING	1	FDBERCNT	- NUMBER OF I/O ERRORS NOT CORRECTED.
18	(12)	SIGNED	2	FDBRL	- ROOM LEFT IN DATA BUFFER.
20	(14)	SIGNED	4	FDBBPTR	- CURRENT BUFFER POINTER.
24	(18)	BITSTRING	6	FDBOPEND (0)	- SPOOL ADR OF LAST DATA BUFFER
24	(18)	BITSTRING	2	FDBMODN2	- MOD NO OF LAST SPOOL EXTENT
26	(1A)	BITSTRING	4	FDBRECN2	- REC NO OF LAST SPOOL DATA
30	(1E)	SIGNED	2	FDBRSFLD	RESERVED FOR DEVELOPMENT

Comment

END OF MULTI-RECORD FILE FDB

End of Comment

32	(20)	BITSTRING	1	FDBMREND (0)	END OF MULTI-RECORD FILE FDB
32	(20)	X'20'	0	FDBMRFL	"FDBMREND-FDBSTART" LENGTH OF AN MRF FDB

Comment

JOB/DATASET TAT FDB EXTENSION
(EXISTS IF THE FLAG FDBJBTAT IS ON IN FDBFLAG0)

End of Comment

12	(C)	SIGNED	4	FDBJBTEX (0)	START OF TAT FDB EXTENSION

Comment

RETURN PARAMETERS FROM TRACK GROUP ALLOCATION

End of Comment

12	(C)	SIGNED	2	FDBRECCT	- NUMBER OF AVAILABLE RECORDS
14	(E)	BITSTRING	6	FDBJTSPA (0)	- AVAILABLE RECORD ADDRESS
14	(E)	BITSTRING	2	FDBJTSPM	- MODULE NUMBER
16	(10)	BITSTRING	4	FDBJTSPR	- RECORD NUMBER

Comment

End of Comment

20	(14)	SIGNED	4	FDBVALID	- VALIDATION FIELD FOR FILE
24	(18)	SIGNED	2	FDBSPNDX	- JOB'S SPOOL PARTITION INDEX
26	(1A)	BITSTRING	1	FDBJTFLG	- JOB/DATASET TAT STATUS FLAGS

Comment

DEFINITION OF FDBJTFLG: JOB/DATASET TAT STATUS FLAGS

End of Comment

1...	FDBJTBIT	"X'80'" - TRACK ALLOCATION SUSPENDED
.1..	FDBDSTAT	"X'40'" - DATA SET TAT
..1.	FDBJIOER	"X'20'" - IOERR POST REQUIRED
...1	FDBRRERQ	"X'10'" - JSAM POST REQUIRED (RRE ALLOC)
.... 1...	FDBJTOFL	"X'08'" - JSAM POST REQUIRED (JBT OVFLW)
.... .1..	FDBRABDU	"X'04'" - FDB IN USE FOR RAB DESTROY
.... ..1.	FDBJTERR	"X'02'" - RAB REFRESH ERROR

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
27	(1B)	BITSTRING	1	FDBJTRSV	- RESERVED FOR DEVELOPMENT

Comment

```
-----------------------------------------------------------
          END OF THE TAT FDB EXTENSION
-----------------------------------------------------------
```

End of Comment

28	(1C)	BITSTRING	1	FDBJTEND (0)	END OF THE JBT FDB EXTENSION
28	(1C)	X'10'	0	FDBJBTXL	"FDBJTEND-FDBJBTEX" LENGTH OF JBT FDB EXTENSION
28	(1C)	X'1C'	0	FDBJBTL	"FDBSRFL+FDBJBTXL" LENGTH OF A TAT FDB

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

Comment

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

End of Comment

Comment

```
            JES3 MODULE ENTRY POINT IDENTIFIER
01 Change Activity:
  $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

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

Comment

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

End of Comment

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

Offsets Dec	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. ---------- SYSTEM TABLE POINTERS ---------- 'IATGRVT(F)' = 'IATGRVT + IATGRVTF'			
					End of Comment
208	(D0)	ADDRESS	4	ADLTABLE	SET BY IATINGN DEADLINE TABLE
212	(D4)	ADDRESS	4	TVTTOKEN	SET BY IATINIT PTR TO J3/UTOKEN STRUCTURE
216	(D8)	ADDRESS	4	DSQLOC	SET BY IATINIT DESTINATION ROUTING TABLE
220	(DC)	ADDRESS	4	DSPDIC	"V(DSPDICT)" IATGRPT DSP DICTIONARY
224	(E0)	ADDRESS	4	EFTOP	ENDING FUNCTION CHAIN
228	(E4)	ADDRESS	4	FCTACTIV	SET BY IATGRCT ACTIVE FCT 1
232	(E8)	ADDRESS	4	JNCBTOP	DJC JNCB CHAIN 4
236	(EC)	ADDRESS	4	JSSFCT	"V(JSSFCT)" IATGRPT IATGRJS FCT
240	(F0)	ADDRESS	4	MAINACT	SET BY IATINM3 ACTIVE MAIN PROC TABLE
244	(F4)	ADDRESS	4	MAINDATA	SET BY IATINM2 MAIN PROCESSOR CONTROL TABLE
248	(F8)	ADDRESS	4	MCLASS	SET BY IATINM2 JOB CLASS TABLE
252	(FC)	ADDRESS	4	MDSPARM	SET BY IATINMD MDS CONTROL TABLE
256	(100)	ADDRESS	4	DYNDYNP	SET BY IATINMD PTR TO DYN DATA
260	(104)	ADDRESS	4	MGROUP	SET BY IATINM2 JOB CLASS GROUP TABLE
264	(108)	ADDRESS	4	MLBCB	IATINM2 ADDR OF MAIN LOAD BALANCE CB
268	(10C)	ADDRESS	4	TVTRDQTP	READY QUEUE ANCHOR
268	(10C)	X'10C'	0	TVTRDQEF	"TVTRDQTP,1" READY QUEUE FCT ECF
		1...		TVTRDQPT	"X'80'" FCT ADDED TO READY QUEUE
272	(110)	ADDRESS	4	PAFCTBTM	SET BY IATINRB LAST AVAILABLE PREALLOCATED FCT ENTRY
276	(114)	ADDRESS	4	PAFCTTOP	SET BY IATINRB FIRST AVAILABLE PREALLOCATED FCT ENTRY
280	(118)	ADDRESS	4	TVTRQCAD	SET BY IATINRB RESQUEUE CONTROL AREA 1
284	(11C)	ADDRESS	4	TVTSDA	Statistics Data Area
288	(120)	ADDRESS	4	PRTAB	SET BY IATINDEV 1ST PRINTER ENTRY IN SUPUNITS
292	(124)	ADDRESS	4	PUNTAB	SET BY IATINDEV 1ST PUNCH ENTRY IN SUPUNITS
296	(128)	ADDRESS	4	RESTABLE	"V(RESTABLX)" IATGRRQ RESOURCE MGMT TABLE
300	(12C)	ADDRESS	4	TVTCALNT	"V(ASACALNT)" ACALL (no trace) entry point
304	(130)	ADDRESS	4	TVTRETNT	"V(ASARETNT)" ARETURN (no trace) entry point
308	(134)	ADDRESS	4	SRJPSRT	SET BY IATINWS RESIDENT SNA RJP TABLE
312	(138)	ADDRESS	4		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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				THE SNA RJP STORAGE QUEUE MUST USE COMPARE DOUBLE AND SWAP (CDS) TO INCREMENT THE COUNT AND CHANGE THE QUEUE ANCHOR WITH THE SAME INSTRUCTION	
				End of Comment	
352	(160)	SIGNED	4	SRJPSCTR	STORAGE COUNTER
356	(164)	SIGNED	4	SRJPSQAN	STORAGE QUEUE ANCHOR
360	(168)	SIGNED	4	SRJPCSFL	COMPARE AND SWAP WORD
360	(168)	X'168'	0	SRJPECF	"SRJPCSFL" ECF TO CONTROL SNARJP DSP
				Comment	
				FIRST BYTE OF SRJPCSFL DEFINITION OF SRJPECF	
				End of Comment	
		1...		SRJPRJS	"X'80'" RETURN TO JSS FLAG
		.1..		SRJPBCB	"X'40'" BUILD CONTROL BLOCK FLAG
		..1.		SRJPRCB	"X'20'" REMOVE CONTROL BLOCKS FLAG
		...1		SRJPPOP	"X'10'" PROCESS OPER. COMMANDS FLAG
		.... 1...		SRJPWKQ	"X'08'" PROCESS WORK QUEUES FLAG
				Comment	
				1. INTERCOM COMMANDS FROM WORKSTATION CONSOLES 2. SEND MESSAGES TO OPERATOR 3. CALL IATCNRM TO SEND MSGS TO WS CONSOLES 4. INTERCOM START READER COMMANDS 5. TERMINATE SESSIONS (ISSUE CLSDST) 6. ISSUE WSOPEN FOR OUTBOUND CONSOLE 7. INTERCOM COMMANDS FROM DATA FLOW CONTROL	
				End of Comment	
		.... .1..		SRJPRSVS	"X'04'" Reserved for service
		.... ..1.		SRJPISEC	"X'02'" PROCESS SECURITY REQUEST #403
360	(168)	X'16B'	0	SRJPFLG	"SRJPCSFL+3" SNA RJP FLAGS
360	(168)	X'16B'	0	SRJPACT	"SRJPFLG" SNA RJP ACTIVE FLAG
		1...		SRJPACTM	"X'80'" SNA RJP ACTIVE MASK
364	(16C)	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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- TVTBALJ, TVTDATQ AND TVTDMCQ WILL BE USED IN THE FSS ADDRESS SPACE AS WELL AS THE JES3 GLOBAL ADDRESS SPACE. ADDRESSES WILL DIFFER BETWEEN THE FSS AND JES3 GLOBAL ADDRESS SPACES. ----------
					End of Comment
420	(1A4)	ADDRESS	4	TVTDFCB	DFCB CHAIN TOP
424	(1A8)	ADDRESS	4	TVTFSS	SET BY IATINFS ADDR OF FIRST FSS TABLE
428	(1AC)	SIGNED	4	TVTIDAAD	IATINI1 INTERPRETER DATA AREA ADDR.
432	(1B0)	ADDRESS	4	TVTJQX	"V(JQXSTART)" IATGRJX ADDR JQX
436	(1B4)	ADDRESS	4	TVTSQE	ADDR OF STORAGE Q
440	(1B8)	ADDRESS	4	TVTMEMD	ADDR OF JES3 MEMDATA
444	(1BC)	ADDRESS	4	TVTRTAB	"V(TRANSTAB)" IATGRVT(F) SYSTEM TRANSLATE TABLE
448	(1C0)	ADDRESS	4	TVTSMFCH	IATOSDR SMF WRITE CHAIN START 4
452	(1C4)	ADDRESS	4	TVTSPPCH	IATOSDR SETPRT REQUEST QUEUE
456	(1C8)	ADDRESS	4	TVTUXL	"V(IATYUXL)" IATGRPT USER EXIT LIST TABLE
460	(1CC)	ADDRESS	4	TVTYOSD	"V(OSDSTART)" IATOSDR OUTSERV DATA SET DEFAULTS
464	(1D0)	ADDRESS	4	WTDQUE	WTD CONTROL BLOCK
468	(1D4)	SIGNED	4	TVTIFCAD	IATINFC C/I FSS DATA AREA ADDR.
472	(1D8)	SIGNED	4	TVTRS040 (3)	RESERVED FOR SERVICE
484	(1E4)	ADDRESS	4	FCTLAST	SET BY IATGRCT LAST FCT ENTRY
488	(1E8)	SIGNED	4	NCKLOCK	THIS WORD CONTAINS THE FCT ADDRESS THAT CURRENTLY HOLDS THE NCK LOCK - X'80' AT LABEL NCKADD
492	(1EC)	ADDRESS	4	TVTFSLG	SET BY IATINIT LOGOUT MODULE
496	(1F0)	ADDRESS	4	TVTFSRC	SET BY IATINIT TERMINATE FAILING FCT
500	(1F4)	ADDRESS	4	TVTTAWK	PTR TO TRACK ALLOC DSP RREPOOL
504	(1F8)	BITSTRING	1	TVTTAECF	TRACK ALLOC DSP ECF
					Comment
					---------- DEFINITION OF TVTAECF ----------
					End of Comment
		1...		DMTAREQ	"X'80'" REQUESTS FROM GLOBAL
		.1..		DMTARPLY	"X'40'" REPLIES FROM GLOBAL
					Comment
					---------- Fields used by macro IATXSUSP ----------
					End of Comment
505	(1F9)	BITSTRING	1	TVTSUSPE	ECF used by IATXSUSP
506	(1FA)	BITSTRING	1	TVTSUSPM	IATXSUSP post mask; the mask value flip-flops between x'80' and x'40'
507	(1FB)	BITSTRING	1	TVTRD040	Reserved for development
508	(1FC)	SIGNED	4	TVT3100D	DOM ID FOR MSG IAT3100
512	(200)	ADDRESS	4	TVTJADAD	USAM JDS ACCESS INTERFACE DATA AREA (JAD) ANCHOR
516	(204)	ADDRESS	4	TVTPDAAD	PROCESS SYSOUT (PSO) DATA AREA (PDA) ANCHOR
520	(208)	ADDRESS	4	TVTSDEAD	SYSOUT Application Program Interface (SAPI) DSP Entry address
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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
532	(214)	ADDRESS	4	TVTRU050 (4)	AVAILABLE TO USER 4
548	(224)	BITSTRING	1	TVTJNCBF	DJC FLAGS
					Comment

					DEFINITION OF TVTJNCBF

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

					DEFINITION OF TVTSMFFL

					End of Comment
		1...		SMFPOST	"X'80'" SMF REC TO BE WRITTEN
		.... ..1.		SMFRCUR	"X'02'" SMF RECURSION BIT
		1		SMFDYFCT	"X'01'" DYNAM FCT HAS BEEN BUILT
550	(226)	BITSTRING	1	TVTSPPFL	SETPRT COUNT
551	(227)	BITSTRING	1	TVTWTDEC	ECF TO POST WTD PROCESSING
					Comment

					Work To Do Driver post flags.

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

					DEFINITION OF IOERRECF

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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
					---------- DEFINITION OF TVTJNECF ----------
				End of Comment	
		1...		TVTJNMSK	"X'80'" AJOBNUM AVAILABLE ECF MASK
		.1..		TVTJNTHL	"X'40'" AJOBNUM below threshold
559	(22F)	BITSTRING	1	TVTJNWID	JES NEWS DATA SET ID
560	(230)	BITSTRING	1	TVDSIECF	ECF BYTE FOR DSI
				Comment	
					---------- DEFINITION OF TVDSIECF ----------
				End of Comment	
		1...		TVTSDSI	"X'80'" *S DSI RECEIVED
		.1..		TVTCDSI	"X'40'" *C DSI RECEIVED
561	(231)	BITSTRING	1	RJPSNPFL	RJP SNAP FUNCTION FLAGS BIT EQUATES ARE IN IATRJSN
562	(232)	BITSTRING	1	TVTRS060 (2)	RESERVED FOR SERVICE
				Comment	
					---------- ROUTINE ENTRY POINTS SECTION 1 - NON-COUNTABLE ENTRY POINTS (FROM ASAVE TO TVTEPS) SECTION 2 - COUNTABLE ENTRY POINTS (USING X IC - IATUTIC) (FROM ABACKR TO TVTEPE) ----------
				End of Comment	
564	(234)	SIGNED	4	TVTEPST (0)	START OF NON-COUNTABLE ENTRY POINTS
564	(234)	ADDRESS	4	TVTWROSE	"V(WRITEOSE)" IATOSOR WRITEOSE ROUTINE ADDRESS 1
568	(238)	ADDRESS	4	TVTSAFCL	"V(IATPUSC)" IATPUSC PURGE SYSIN/SYSOUT SAF CALL 1
572	(23C)	ADDRESS	4	IATXSIO	IATDMDK
572	(23C)	X'23C'	0	TVTDMDK	"IATXSIO" IATDMDK
576	(240)	ADDRESS	4	TVTERRQ	IATDMIT CHAIN OF ISR'S WITH IO ERRS
580	(244)	ADDRESS	4	TVTERRWK	IATDMER PTR TO DMER'S IO ERR WORKAREA
584	(248)	ADDRESS	4	TVTSTTBL	"V(STTBUILD)" IATDMST STT BUILD ROUTINE
588	(24C)	ADDRESS	4	TVTSTTAL	"V(STTALLOC)" IATDMST STT RECORD ALLOC
592	(250)	ADDRESS	4	TVTSTTPG	"V(STTPURGE)" IATDMST STT RECORD PURGE
596	(254)	ADDRESS	4	TVTSTTBD	"V(STTBAD)" IATDMST STT BADTRACK ROUTINE
600	(258)	ADDRESS	4	TVTSTTSR	"V(STTSRCH)" IATDMST STT SEARCH ROUTINE
604	(25C)	ADDRESS	4	DSPIG	"V(PIG)" IATIQPG PART/INQ TGPS ROUTINE
608	(260)	ADDRESS	4	TVTTGBUP	"V(TGBUPDAT)" IATDMTK BYPASS TABLE UPDATE
612	(264)	ADDRESS	4	TVTPBITL	"V(BITLOC)" IATDMTK X.G TO PTAT BIT CONVERSION
616	(268)	ADDRESS	4	TVTPTATS	"V(TATSTAT)" IATDMTK PTAT STATUS UPDATE RTN
620	(26C)	ADDRESS	4	TVTJBTS	"V(JOBTATS)" IATDMTK JOB, DS TAT SEARCH RTN
624	(270)	ADDRESS	4	JDSBENRY	"V(JDSSCAN)" IATGRJA CI SUBTSK JDS ACCESS EP
628	(274)	ADDRESS	4	IATXJDS	"V(IATXJDSX)" IATGRJA ADDRESS OF JDS ACCESS RTNS
632	(278)	ADDRESS	4	IATXJET	"V(IATXJETX)" IATGRJA Address of JET initialization routine
636	(27C)	ADDRESS	4	IATXCSS	"V(IATDMCS)" IATDMCS ADDRESS OF SRF SERVICES
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

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

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

Comment

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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
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End of Comment

884	(374)	SIGNED	4	TVTEPCST (0)	START OF COUNTABLE ENTRY POINTS
884	(374)	ADDRESS	4	ABACKR	"V(BACKR0)" IATDMDT BACKSPACE RECORD 1
888	(378)	ADDRESS	4	ABENDAPG	SET BY IATGROP ABNORMAL END APPENDAGE 4
892	(37C)	ADDRESS	4	ABLOCK	"V(BLOCK)" IATDMDT I/O BLOCK
896	(380)	ADDRESS	4	ACLOSE	"V(CLOSE)" IATDMNC I/O CLOSE
900	(384)	ADDRESS	4	ACONSRMT	SET BY IATINPK REMOTE CONSOLE PROCESSING
		1...		TVTCONSR	"X'80'" HIGH ORDER BIT OF ACONSRMT 1 - RJP INDICATOR
904	(388)	ADDRESS	4	ACTLTRAP	"V(TMSTMREX)" IATGRTM ATIME STIMERM APPENDAGE
908	(38C)	ADDRESS	4	ADEBLOCK	"V(DEB)" IATDMDT I/O DEBLOCK
912	(390)	ADDRESS	4	ADELETE	"V(DELETEX)" IATGRLD MODULE DELETE
		1...		TVTDELET	"X'80'" HIGH ORDER BIT OF ADELETE 1-REFRESH REQUESTED FOR DELETE
916	(394)	ADDRESS	4	ADEQ	"V(RESMGMT)" IATGRRQ RESOURCE MANAGEMENT
916	(394)	X'394'	0	AENQ	"ADEQ" IATGRRQ RESOURCE MANAGEMENT
916	(394)	X'394'	0	ATEST	"ADEQ" IATGRRQ RESOURCE MANAGEMENT
920	(398)	ADDRESS	4	AFDADD	"V(FDADD)" IATDMNC ADD ENTRY TO FILE DIRECTORY
924	(39C)	ADDRESS	4	AFDDELET	"V(FDDELET)" IATDMNC DELETE ENTRY FROM FILE DIR.
928	(3A0)	ADDRESS	4	AFDFIND	"V(FDFIND)" IATDMNC SCAN FILE DIRECTORY
932	(3A4)	ADDRESS	4	AGETBUF	"V(GETBUF)" IATDMNC GETBUF
936	(3A8)	ADDRESS	4	TVTRD082	RESERVED FOR DEVELOPMENT
940	(3AC)	ADDRESS	4	TVTRS090	RESERVED FOR SERVICE
944	(3B0)	ADDRESS	4	ALOAD	"V(LOADX)" IATGRLD MODULE LOAD
948	(3B4)	ADDRESS	4	ALOCATE	"V(LOCATE)" IATDMDT I/O LOCATE
952	(3B8)	ADDRESS	4	ANOTE	"V(NOTE)" I/O NOTE
956	(3BC)	ADDRESS	4	AOPEN	"V(OPEN)" IATDMNC I/O OPEN
960	(3C0)	ADDRESS	4	AOPEND	"V(OPEND)" I/O OPEN AT END
964	(3C4)	ADDRESS	4	APOINT	"V(POINT)" I/O POINT
968	(3C8)	ADDRESS	4	APURGE	"V(PURGEA)" IATDMTK SPOOL SPACE PURGE
972	(3CC)	ADDRESS	4	APUTBUF	"V(PUTBUF)" IATDMNC PUTBUF

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
976	(3D0)	ADDRESS	4	TVTRD084	RESERVED FOR DEVELOPMENT
980	(3D4)	ADDRESS	4	ARELEASE	"V(RELEASE)" IATDMNC I/O RELEASE
984	(3D8)	ADDRESS	4	ASPABND0	SET BY IATABN0 ABEND
		1...		TVTABNOF	"X'80'" HIGH ORDER BIT OF ASPABND0 1-ABN0 DOESN'T CALL ABNO
988	(3DC)	ADDRESS	4	TVTRD086	RESERVED FOR DEVELOPMENT
992	(3E0)	ADDRESS	4	ATRACK	"V(TRACK)" IATDMTK SPOOL SPACE ALLOCATION

Comment

ATRACK IATDMTA FOR CI FSS

End of Comment

996	(3E4)	ADDRESS	4	TVTJBTXP	"V(TRKXPND2)" IATDMTK JOB TAT EXPANSION ROUTINE
1000	(3E8)	ADDRESS	4	TVTSPCK	"V(SPOOLCK)" IATGRCP CHECKPOINT SPOOL STATUS ROUTINE
1004	(3EC)	ADDRESS	4	TVTPTCKP	"V(PTATCKP)" IATGRCP PTAT CKPT ENTRY POINT
1008	(3F0)	ADDRESS	4	TVTRD090 (4)	RESERVED FOR DEVELOPMENT
1024	(400)	ADDRESS	4	AWRITE	"V(WRITE)" IATDMNC SINGLE-BUFFER WRITE
1028	(404)	ADDRESS	4	CONCNVRT	"V(CONCLASS)" IATCNRN CONVERT CONS CLASS TO DISP-MASK
1032	(408)	ADDRESS	4	CHENDAPG	SET BY IATGROP CHANNEL END APPENDAGE
1036	(40C)	ADDRESS	4	TVTRD095	RESERVED FOR DEVELOPMENT
1040	(410)	ADDRESS	4	TESTSRS	"V(SRSTEST)" IATGRGU TEST DSP DEVICE REQUIREMENT 1
1044	(414)	ADDRESS	4	TVTRD100	RESERVED FOR DEVELOPMENT
1048	(418)	ADDRESS	4	CONREVRT	"V(DESTNAME)" IATCNRN DISP-MASK TO DEST CLASS NAME
1052	(41C)	ADDRESS	4	CONSAUTH	"V(IATCNIA)" IATCNIA CONSOLE AUTHORITY VALIDATION
1056	(420)	ADDRESS	4	DEQMSG	"V(DEQMSGX)" IATCNDQ CONSOLE BUFFER DEQUEUE
1060	(424)	ADDRESS	4	DEVSCAN	"V(DSPSCN)" IATGRG1 IN/OUT PARAMETER SCAN
1064	(428)	ADDRESS	4	DYNALRTY	SET BY IATINDY DYNAL ERROR RECOVERY
1068	(42C)	ADDRESS	4	IATXCPYF	"V(COPYFILE)" IATDMDT Copy File Service
1072	(430)	ADDRESS	4	FINDJNUM	"V(JOBNTEST)" IATGRJN FIND JOB NUMBER
1076	(434)	ADDRESS	4	GETUNIT	"V(GETUNI)" IATGRGU GETUNIT
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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
1184	(4A0)	ADDRESS	4	JDSPOINT	"V(JDSPNTX)" IATGRJA JDS POINT
1188	(4A4)	ADDRESS	4	JDSPUT	"V(JDSPUTX)" IATGRJA JDS PUT
1192	(4A8)	ADDRESS	4	JDSREL	"V(JDSRELX)" IATGRJA JDS RELEASE 2
1196	(4AC)	ADDRESS	4	JESCLOSE	SET BY IATGROP DEVICE CLOSE
1200	(4B0)	ADDRESS	4	TVTCL012	SET BY IATGROP JESCLOSE BRANCH ENTRY
1204	(4B4)	ADDRESS	4	JESEXCP	SET BY IATGROP DEVICE EXCP
1208	(4B8)	ADDRESS	4	JESCKPNT	"V(JESCHECK)" IATGRCP CHECKPOINT
1212	(4BC)	ADDRESS	4	TVTRD118	Reserved for development
1216	(4C0)	ADDRESS	4	JESMODLK	SET BY IATABMN MODULE NAME LOOK-UP ROUTINE
1220	(4C4)	ADDRESS	4	JESMSG	"V(JESMSGX)" IATGRJM Write msg in job's JESMSGLG 1
1224	(4C8)	ADDRESS	4	JESOPEN	SET BY IATGROP DEVICE OPEN 5
1228	(4CC)	ADDRESS	4	JESREAD	"V(READ)" IATDMNC SINGLE-BUFFER READ
1232	(4D0)	ADDRESS	4	JESSNAP	IATGRVT(F) CHNGD BY JESSNAP WHEN CALLED
1236	(4D4)	ADDRESS	4	TODMSG	"V(TODMSGX)" IATGRJM Create TOD message for job's JESMSGLG dataset
1240	(4D8)	ADDRESS	4	TVTSNPNA	SET BY IATABMN SNAP NUCTASK
1244	(4DC)	ADDRESS	4	JNADD	"V(JNADDX)" IATDCNC JNCB ADD
1248	(4E0)	ADDRESS	4	JNCBHLD	"V(JNCBHLDX)" IATDCNC JNCB SPECIFIC HOLD
1252	(4E4)	ADDRESS	4	JNCBREL	"V(JNCBRELX)" IATDCNC JNCB SPECIFIC RELEASE
1256	(4E8)	ADDRESS	4	JNDEL	"V(JNDELX)" IATDCNC JNCB DELETE
1260	(4EC)	ADDRESS	4	JNGET	"V(JNGETX)" IATDCNC JNCB GET
1264	(4F0)	ADDRESS	4	JNUMR	"V(RETURNJN)" IATGRJN RETURN A JOB NUMBER 2
1268	(4F4)	ADDRESS	4	JSERV	"V(JSERVX)" IATSSJS SUBSYSTEM COMMUNICATION
1272	(4F8)	ADDRESS	4	JSSDADR	"V(IATGRJS)" IATGRJS EP FOR IATGRJS
1276	(4FC)	ADDRESS	4	LOGIN	"V(LOGINX)" IATGRLG CONSOLE LOGIN
1280	(500)	ADDRESS	4	LOGOUT	"V(LOGOUTX)" IATGRLG CONSOLE LOGOUT
1284	(504)	ADDRESS	4	IATXRCVL	"V(RCVALID)" IATCNRN ROUTE CODE/DEST CLASS VALIDATION ROUTINE
1288	(508)	ADDRESS	4	TVTRD117	RESERVED FOR DEVELOPMENT
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

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

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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
1936	(790)	ADDRESS	4	TVTBTR	IATDMTK BTR CKPT RCD (CKPT DS BACKUP)
1940	(794)	ADDRESS	4	TVTPTCAD	IATINSP ADDR OF PTAT CKPT RECORD
1944	(798)	ADDRESS	4	TVTSPREL	IATINSP SPART RELATIVE VECTOR
1948	(79C)	ADDRESS	4	TVTEXREL	IATINSP EXTENT RELATIVE VECTOR
1952	(7A0)	ADDRESS	4	TVTSPINT	IATINSP INITIALIZATION SPOOL PARTITION
1956	(7A4)	ADDRESS	4	TVTSPDEF	IATINSP DEFAULT SPOOL PARTITION
1960	(7A8)	BITSTRING	8	TVTSPID	IATINSD SPOOL CHECKPNT ID (DATE/TIME)
1968	(7B0)	BITSTRING	1	TVTSPFLG	SPOOL STATUS FLAGS

Comment

DEFINITION OF TVTSPFLG

End of Comment

		1...		TVTSPPCK	"X'80'" IATGRCP PTATS CHECKPOINTED
		.1..		TVTSPDEL	"X'40'" IATINSD A SPOOL DS WAS DELETED
		..1.		TVTSPUNV	"X'20'" IATINSD A SPOOL DS IS UNAVAILABLE
		...1		TVTSPRPL	"X'10'" IATINSD A SPOOL DS WAS REPLACED
		.... 1...		TVTSPADD	"X'08'" IATINSD A SPOOL DS ADDED ON RESTART
		.... .1..		TVTSPSTT	"X'04'" IATINST STT EXTENTS ALLOCATED DYNAM.
		.... ..1.		TVTSPCHG	"X'02'" IATMOSP TAT MANIPULATION IN PROGRESS
		1		TVTSPTAP	"X'01'" IATINSP TRACK ALLOCATION PERMITTED
1969	(7B1)	BITSTRING	1	TVTSPFL2	SPOOL STATUS 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

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

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

End of Comment

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

Comment

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-----------------------------------------------------------
      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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
Comment					
---------- ADDRESS SPACE SPECIFIC CI COUNTS ----------					
End of Comment					
2444	(98C)	SIGNED	4	TVTMXDCI	MAXIMUM NUMBER OF CI DSPS FOR DEMAND/SELECT JOBS IN ADDRESS SPACE
2448	(990)	SIGNED	4	TVTUCDCI	DEMAND/SELECT CI DSPS : NUMBER IN USE
2452	(994)	SIGNED	4	TVTATDCI	DEMAND/SELECT CI SUBTASKS NUMBER ATTACHED 4
2456	(998)	SIGNED	4	TVTSBCNT (0)	IATINAT INTERP DSP SUBTASK COUNTS
2456	(998)	X'99A'	0	TVTCICNT	"TVTSBCNT+2,2" NUMBER OF C/I SUBTASKS
2460	(99C)	SIGNED	4	TVTPSDMX	DEMAND/SELECT POSTSCAN DSPS MAXIMUM NUMBER
2464	(9A0)	SIGNED	4	TVTPSDUS	DEMAND/SELECT POSTSCAN DSPS NUMBER IN USE
2468	(9A4)	CHARACTER	8	XCFGRPNM	JESXCF GROUP NAME SPECIFIED ON THE OPTIONS INITIAL- IZATION STATEMENT, BLANK IF NOT SPECIFIED OR NOT SPECIFIED CORRECTLY
2476	(9AC)	CHARACTER	8	XCFDEFGP	Home Node name from last Cold or Warm start. Used for XCFGRPNM default.
2484	(9B4)	SIGNED	4	TVTBSZDT	BUFFER DATA SIZE
2488	(9B8)	SIGNED	4	TVTCPUID	CPUID FROM SMCA
2492	(9BC)	SIGNED	4	TVTDATSZ	IATINIO IATYDAT SIZE (BUFSZ+DAT HDR)
2496	(9C0)	SIGNED	4	TVTDMSAV (4)	TRACE SAVE AREA
2512	(9D0)	SIGNED	4	TVTDMTRC (8)	JES3IOS TRACE DATA AREA
2544	(9F0)	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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
2788	(AE4)	ADDRESS	4	SRJPSNFO	SET BY IATSNLD FM OUTBOUND ROUTINE
2792	(AE8)	ADDRESS	4	SRJPSNPI	SET BY IATSNLD PS INBOUND ROUTINE
2796	(AEC)	ADDRESS	4	SRJPSNPO	SET BY IATSNLD PS OUTBOUND ROUTINE
2800	(AF0)	ADDRESS	4	SRJPSNLM	SET BY IATSNLD MSG RTN ENTRY POINT
2804	(AF4)	ADDRESS	4	TVTRS280	RESERVED FOR SERVICE

Comment

FDB'S AND DATA - HALFWORD

End of Comment

2808	(AF8)	BITSTRING	12	DJCCKFDB	DJC CKPT FDB 1
2820	(B04)	BITSTRING	12	GMSFDB	MAIN SCHEDULING CHKPT FDB 1
2832	(B10)	BITSTRING	28	MNTRKFDB	SINGLE TRACK TABLE TAT FDB 4
2860	(B2C)	BITSTRING	12	SMRFDB	SELECT MODE RECORD FDB 1
2872	(B38)	BITSTRING	12	TVONLFDB	SYSUN VARY STATUS CKPT FDB 1
2884	(B44)	BITSTRING	28	JCTRKFDB	JCT ALLOCATION DUMMY TAT FDB 3
2912	(B60)	BITSTRING	12	TVTFSSFD	FSS/FSA CHECKPT ROOT FDB
2924	(B6C)	BITSTRING	4	TVTRD290	RESERVED FOR DEVELOPMENT 6
2928	(B70)	BITSTRING	12	TVVCKFDB	VUA CHECKPOINT FDB
2940	(B7C)	SIGNED	2	AFGABNUM	IATABMN JES3 FAILURE NUMBER
2942	(B7E)	SIGNED	2	AIOBFUSE	IATINIO NUMBER OF BUFFERS IN USE
2944	(B80)	SIGNED	2	TVTSNNUM	JES3 FAILURE NUMBER ASSOCIATED WITH SNAP NUCTASK REQUEST.
2946	(B82)	SIGNED	2	AIONBUFS	IATINIO NUMBER OF JES3 BUFFERS
2948	(B84)	SIGNED	2	AIONOBFM	IATINIO MAX NUMBER EVER IN USE 12
2950	(B86)	SIGNED	2	TVTRD300 (2)	Reserved for IBM
2954	(B8A)	SIGNED	2	TVTDATFS	IATINIO SIZE FIXED PORTION IATYDAT
2956	(B8C)	SIGNED	2	TVTRD305 (6)	Reserved for IBM 2
2968	(B98)	SIGNED	2	AIOBMIN	- IATINIO MIN. JSAM BUFFERS
2970	(B9A)	SIGNED	2	TVTDYSCR	DYNALLOC SCRATCH JVT NUMBER
2972	(B9C)	SIGNED	2	TVTRS310 (4)	Reserved for Service
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)

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		..1.		TVTASPC	"X'20'" ALTJCL=COMMENT specified (treat ASP-style JECL as comments)
		...1		TVTISF10	"X'10'" Reserved for IBM
		.... 1...		TVTISF08	"X'08'" Reserved for IBM
		.... .1..		TVTISF04	"X'04'" Reserved for IBM
		.... ..1.		TVTISF02	"X'02'" Reserved for IBM
		1		TVTISF01	"X'01'" Reserved for IBM
2982	(BA6)	SIGNED	2	TVTINTRD	MAXIMUM NUMBER OF INTRDR'S
2984	(BA8)	SIGNED	2	TVTFDUSE	NUMBER OF FD ENTRIES IN USE
2986	(BAA)	SIGNED	2	TVTFDMAX	MAX. NO. OF FD ENTRIES USED
2988	(BAC)	BITSTRING	1	TVTRD310 (3)	RESERVED FOR DEVELOPMENT

Comment

```
-------------------------------------------------------------
    ESTAE RECOVERY WTD FLAGS AND STORAGE POINTERS
-------------------------------------------------------------
```

End of Comment

2991	(BAF)	BITSTRING	1	TVTESTFL	INIT,ABMN ESTAE WORK TO DO FLAG
		1...		TVTGETE6	"X'80'" RE-ACQUIRE SYS SUBPOOL STORAGE
		.1..		TVTGET00	"X'40'" RE-ACQUIRE USER SUBPOOL STORAGE
		..1.		TVTSDMSG	"X'20'" ISSUE WTO WARNING MSG
		...1		TVTSNAPN	"X'10'" SNAP NUCTASK
2992	(BB0)	SIGNED	4	TVTESTE6	INIT,GRCT ESTAE PTR FOR SYSTEM SUBPOOL
2996	(BB4)	SIGNED	4	TVTEST00	INIT,GRCT ESTAE PTR FOR USER SUBPOOL
2996	(BB4)	BITSTRING	0	TVTESTSZ	"X'2000'" 8K GETMAIN SIZE FOR ESTAE
		.... ..1.		TVTSBPUS	"X'02'" USER SUBPOOL 2
		111. .11.		TVTSBPSY	"X'E6'" SYSTEM SUBPOOL 230 (E6)
3000	(BB8)	SIGNED	2	TVTRU310 (3)	RESERVED FOR USER

Comment

```
-------------------------------------------------------------
          FLAGS AND ECFS
-------------------------------------------------------------
```

End of Comment

3006	(BBE)	BITSTRING	1		Reserved for development
3007	(BBF)	BITSTRING	1	AFGFLAG2	FLAG BYTE 2
		1...		AFGGMPF	"X'80'" CONSTD, GLOBMPF=YES
		.1..		AFGNOCPF	"X'40'" No sysplex prefix defined 0101 to CPF (XCFLOCAL mode) 0101
		..1.		AFGRS220	"X'20'" Reserved flag
		...1		AFGRS210	"X'10'" Reserved flag
		.... 1...		AFGRS208	"X'08'" Reserved flag
		.... .1..		AFGRS204	"X'04'" Reserved flag
		.... ..1.		AFGRS202	"X'02'" Reserved flag
		1		AFGRS201	"X'01'" Reserved flag
3008	(BC0)	BITSTRING	1	TVTLIMF	LIMIT FLAG
		1...		TVTCANB	"X'80'" MAX BYTES EXCEEDED, CNCL JOB
		.1..		TVTDMPB	"X'40'" MAX BYTES EXCEEDED, DUMP JOB
		..1.		TVTCANP	"X'20'" MAX PAGES EXCEEDED, CNCL JOB
		...1		TVTDMPP	"X'10'" MAX PAGES EXCEEDED, DUMP JOB
		.... 1...		TVTCANC	"X'08'" MAX CARDS EXCEEDED, CNCL JOB
		.... .1..		TVTDMPC	"X'04'" MAX CARDS EXCEEDED, DUMP JOB
		.... ..1.		TVTCANL	"X'02'" MAX LINES EXCEEDED, CNCL JOB
		1		TVTDMPL	"X'01'" MAX LINES EXCEEDED, DUMP JOB
3009	(BC1)	BITSTRING	1	AFGFLAG5	FLAG BYTE 5
		1...		AFGDLPST	"X'80'" DEADLINE POST 1 1
3010	(BC2)	BITSTRING	1	AIOFLAG1	IATINIO FLAGS
		1...		AIORDWRT	"X'80'" I/O REQ FROM READ/WRITE RTN
		.1..		AIOFDNEW	"X'40'" ON WHEN FD ENTRIES ARE AVAIL
		..1.		AIOGETBF	"X'20'" GETBUF REQUEST

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.... 1...		AIONOSPC	"X'08'" NO SPACE ON QUEUE PACKS
		.... .1..		AIOSNGIO	"X'04'" SET FOR SINGL REC I/O REQUEST
3011	(BC3)	BITSTRING	1	AIOFLAG2	IATINIO FLAGS
		1...		AIONOAWT	"X'80'" GETBUF WITHOUT AWAIT
		..1.		AIORESPG	"X'20'" INVERSE PURGE STT ENTRY
		...1		AIOPTJSM	"X'10'" Post of JSAM is required
		.... 1...		AIOJQMSG	"X'08'" Reserved for IBM
		.... .1..		AIOMSOUT	"X'04'" MINIMAL JSAM BUFFER MSG (IAT1101/IAT1103) OUTSTANDING
		.... ..1.		AIOMCMSG	"X'02'" MARG TRK COND IN INIT
		1		AIOMNBUF	"X'01'" MIN. JSAM BUF COND.
3012	(BC4)	BITSTRING	1	JSSFLG1	JSS FLAG BYTE

Comment

DEFINITION OF JSSFLG1

End of Comment

		1...		JSSGPOST	"X'80'" GENERAL POST OF JSS (*S JSS)
		.1..		JSSDUCHG	"X'40'" THE USE COUNT OR STATUS OF A DSP HAS CHANGED
		..1.		JSSOSWEF	"X'20'" AN RQ ON THE OUTSERV WAIT RQ CHAIN (INDEX=RQOSWAIT) HAS COMPLETED PROCESSING
		...1		JSSPRELH	"X'10'" ONE OR MORE JOB PRIORITY LEVELS HAVE BEEN RELEASED FROM OPERATOR HOLD
		.... 1...		JSSMCGAV	"X'08'" A MAIN, GMS CLASS, OR GMS GROUP HAS BECOME AVAILABLE
		.... .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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		..1.		AFGFSACT	"X'20'" JES3 FAIL SOFT IS ACTIVE
		...1		TVTFSUFD	"X'10'" SET BY IATABN0 UNFORMATTED DUMP TAKEN OK
		.... 1...		AFGDMPOS	"X'08'" OPTIONS,DUMP=MVS
		.... .1..		AFGDMPSA	"X'04'" OPTIONS,DUMP=PRDMP
		.... ..1.		TVTFSNDP	"X'02'" OPTIONS,WANTDUMP=NO
		1		TVTFSASK	"X'01'" OPTIONS,WANTDUMP=ASK
3018	(BCA)	BITSTRING	1	TVTFSFG2	FAILSOFT FLAGS
		1...		AUXPTERM	"X'80'" AUXTASK IS TERMINATING
3019	(BCB)	BITSTRING	1	TVTINTRP	FLAGS FOR INTERPRETER OPTIONS
3019	(BCB)	X'BCB'	0	TVTMDFLG	"TVTINTRP" FLAGS FOR MAIN DEVICE SCHED
		1...		TVTFETCH	"X'80'" SET BY IATINMD MAIN DEVICE FETCH OPTION
		.1..		TVTPREFR	"X'40'" SET BY IATINCH THWSSEP=PREFER
		..1.		TVTREQUI	"X'20'" SET BY IATINCH THWSSEP=REQUIRE
		...1		TVTSMSET	"X'10'" JES3 IS DOING DATA SET ALLOCATION FOR SMS RESOURCES
		.... .1..		TVTANYJS	"X'04'" INTERPRETER DEFAULT ANYJES
		.... ..1.		TVTANYRL	"X'02'" INTERPRETER DEFAULT ANYREAL
		1		TVTBOTH	"X'01'" INTERPRETER DEFAULT BOTH
3020	(BCC)	BITSTRING	1	TVTSETUP	FLAGS FOR SETUP OPTIONS
		1...		MSSACT	"X'80'" SET BY IATINMD SETPARAM,MSS=...
		.1..		MSSJOB	"X'40'" SET BY IATINMD MSS=JOB; ELSE, =HWM
		..1.		MSSDEPTH	"X'20'" SET BY IATINMD SETPARAM,MSSDEPTH=YES
		...1		TVTRSF10	"X'10'" Reserved for IBM
		.... 1...		TVTIHWS	"X'08'" STANDARDS,SETUP=HWS
		.... .1..		TVTDHWS	"X'04'" STANDARDS,SETUP=DHWS
		.... ..1.		TVTTHWS	"X'02'" STANDARDS,SETUP=THWS
		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

```
-------------------------------------------------------------
      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)

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.1..		TVTCBJOB	"X'40'" CIBATCH=JOB " @WA35670
		..1.		TVTCDCLS	"X'20'" CIDEMAND=CLASS " @WA35670
		...1		TVTCDJOB	"X'10'" CIDEMAND=JOB " @WA35670
		.... 1...		TVTCFR08	"X'08'" RESERVED FLAG
		.... .1..		TVTCFR04	"X'04'" RESERVED FLAG
		.... ..1.		TVTCFR02	"X'02'" RESERVED FLAG
		1		TVTCFR01	"X'01'" RESERVED FLAG
3027	(BD3)	BITSTRING	1	TVTRU320	RESERVED FOR USER

Comment

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

End of Comment

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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		...1		DECFDR	"X'10'" POST BIT - DDR REQUEST
		.... 1...		DECFSEC	"X'08'" POST BIT - SECONDARY POST

Comment

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

End of Comment

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

Comment

```
-----------------------------------------------------------
      DEFINITION OF TVTCIECF (SERIALIZED VIA OIL MACRO)
-----------------------------------------------------------
```

End of Comment

		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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
3047	(BE7)	BITSTRING	1	TVTCECF	CONSOLE SPOOL I/O ECF
		1...		TVTJMSSI	"X'80'" JESMSGLG SSI processing
		.1..		TVTJMJBT	"X'40'" JESMSGLG job termination cleanup
		..1.		TVTJMUPD	"X'20'" JESMSGLG update
3048	(BE8)	BITSTRING	1	TVTRD350	RESERVED FOR DEVELOPMENT
3049	(BE9)	BITSTRING	1	TVTRU350 (3)	RESERVED FOR USER
3052	(BEC)	BITSTRING	1	TVTDRECF	DDR ECF FLAG

Comment

```
-----------------------------------------------------------
  TVTDRTN AND
  TVTDRDN MASKS ARE BOTH USED AGAINST TWO FLAG BYTES:
          DECF AND TVTDRECF
-----------------------------------------------------------
```

End of Comment

		.... .1..		TVTDRTN	"X'04'" TAPE/UR DDR POSTED NORMAL PROC
		.... ..1.		TVTDRDN	"X'02'" DASD DDR NORMAL PROCESSING
		1...		TVTDRTR	"X'80'" TAPE/UR DDR RESTART PROCESSING
		.1..		TVTDRDR	"X'40'" DASD DDR RESTART PROCESSING
3053	(BED)	BITSTRING	1	TVTDRCR	DDR FCT CREATED FLAG

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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		---------- DEFINITION OF TVTSTUSR ----------			
				End of Comment	
3057	(BF1)	BITSTRING	1	TVTSTUSR	ABEND SER. RTN. USER FLAGS
		1...		TVTSSNUC	"X'80'" IATNUC TASK GET/REL RESOURCE
		.1..		TVTSSAUX	"X'40'" IATAUX TASK GET/REL RESOURCE
		1		TVTSSDST	"X'01'" DSP MODIFIER FOR USE OF RESOURCE.
3057	(BF1)	X'81'	0	TVTSSDSP	"(TVTSSNUC+TVTSSDST)"
3058	(BF2)	BITSTRING	1	TVTSTLOC	ABEND SER. RTN. LOCK BYTE
				Comment	
		---------- DEFINITION OF TVTDJFLG FLAG BYTE ----------			
				End of Comment	
3059	(BF3)	BITSTRING	1	TVTDJFLG	DJ FLAG BYTE
		1...		TVTDJRST	"X'80'" FLAG RESET IN PROCESS
3060	(BF4)	BITSTRING	1	TVTGRFLG	GENERAL ROUTINES FLAGS
				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	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		1...		TVTCNSAP	"X'80'" CONSOLE APPENDAGE POST
		.1..		TVTFSSCM	"X'40'" FSS COMMUNICATION POST (STAR)
		..1.		TVTFSSTA	"X'20'" FSS STATUS CHANGE POST
		...1		TVTSCPSC	"X'10'" SCHEDULE POSTSCAN POST
		.... 1...		TVTPRCEN	"X'08'" PROCLIB ENABLE POST
		.... .1..		TVTPRCDS	"X'04'" PROCLIB DISABLE POST

Comment

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

End of Comment

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

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
3236	(CA4)	X'A'	0	TVTBTJDS	"10" CSBT THRESHOLD FOR JDS
3236	(CA4)	X'2'	0	TVTTJDSA	"2" CSBT THRESHOLD FOR APPC JDS
3244	(CAC)	ADDRESS	4	TVTCSCP	CHAINED SRF CELL POOL PTR
3248	(CB0)	ADDRESS	4	TVTALETA	"V(TVTALET)" ADDRESS OF A 64 BYTE FIELD THAT IS USED TO INITIALIZE ALL OF THE ACCESS REGISTERS WITH THE ACCESS LIST ENTRY (ALET) OF THE PRIMARY ADDRESS SPACE
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

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

					DEFINITION OF JCL LIMIT VALUES BY SYSTEM AND JOB

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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		---------- DEFINITION OF TVTBECF ----------			
		End of Comment			
3492	(DA4)	BITSTRING	1	TVTBECF	BDT SUBSYSTEM ECF
		1111		TVTBMSK	"X'F0'" ECF MASK FOR AWAIT
		1...		TVTBCMD	"X'80'" BDT COMMAND BUFFERED
		.1..		TVTBCMDQ	"X'40'" BDT COMMAND QUEUED
		..1.		TVTBRSV1	"X'20'" Reserved flag
		...1		TVTBJCRQ	"X'10'" JES3 COMMAND RESPONSE QUEUED
		Comment			
		---------- DEFINITION OF TVTBECFN ----------			
		End of Comment			
3493	(DA5)	BITSTRING	1	TVTBECFN	SNA NJE ECF
		111. .1..		TVTBNMSK	"X'E4'" ECF MASK FOR AWAIT
		1...		TVTBNJET	"X'80'" SNA NJE TRANSACTION QUEUED
		.1..		TVTBONMR	"X'40'" SNA NJE OUTBOUND NMR QUEUED
		..1.		TVTBRECC	"X'20'" IATOSDR RECOVERY COMPLETE
		...1		TVTRD460	"X'10'" Reserved Flag
		.... 1...		TVTRD465	"X'08'" Reserved Flag
		.... .1..		TVTBEND	"X'04'" BDT EOJ (POSTED BY MSMS)
		Comment			
		---------- DEFINITION OF TVTBECFS -- This Byte is used as an ECF for the DESTINATION Q's for function codes 62 and 63 (the "BDT Subsystem Q" and the "BDT Staging Area Shuttle Q"). The manipulation of the DEST Q (Adding and Deleting of Staging Areas) and the Posting of the related ECB are done outside of and within the JES3 Address space. Therefore, ANY bit used in the following Byte MUST be serialized on (ie. Use OIL, NIL, or equivalent Compare-and-Swap logic). ----------			
		End of Comment			
3494	(DA6)	BITSTRING	1	TVTBECFS	SNA NJE ECF (Serialized)
		11..		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"

IATYDSD 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	
FDBALLIO	D	40
FDBASA	D	1
FDBBPTR	14	
FDBCHKPT	6	60
FDBCLOSE	7	10
FDBCSBTJ	8	4
FDBCSBTL	8	8
FDBCSBTR	8	20
FDBCSBTW	8	10
FDBDATA	0	
FDBDATCH	C	20
FDBDEBS	C	2
FDBDKFRR	6	90
FDBDSTAT	1A	40
FDBECF	7	80
FDBEND	C	8
FDBERCNT	11	
FDBERFLG	6	F0
FDBERROR	6	40
FDBFCTPM	6	1
FDBFDATA	C	40
FDBFLAGS	7	
FDBFLAG0	6	
FDBFLAG1	C	
FDBFLAG2	D	
FDBFLAG3	E	
FDBFLGR2	9	
FDBFLGR4	F	
FDBFREND	C	
FDBF0RS1	6	50
FDBINPUT	7	20
FDBIOCNG	E	40
FDBIOCNT	10	
FDBIOERR	6	20
FDBIOIP	8	40
FDBJBTAT	6	2
FDBJBTER	6	70
FDBJBTEX	C	
FDBJBTL	1C	1C
FDBJBTXL	1C	10
FDBJIOER	1A	20
FDBJTBIT	1A	80
FDBJTEND	1C	
FDBJTERR	1A	2
FDBJTFLG	1A	
FDBJTOFL	1A	8
FDBJTRSV	1B	

Name	Hex Offset	Hex Value
FDBJTSPA	E	
FDBJTSPM	E	
FDBJTSPR	10	
FDBLOCAT	D	20
FDBLSTIO	D	80
FDBMAC	D	2
FDBMNTAT	7	40
FDBMODN2	18	
FDBMREND	20	
FDBMRFL	20	20
FDBMULT	7	8
FDBNDATA	D	10
FDBNOPUT	6	8
FDBOCLSE	C	80
FDBODEOD	D	8
FDBOLD	6	4
FDBONSP	8	80
FDBOPEND	18	
FDBOPTCD	E	80
FDBPNTIN	C	1
FDBPOINT	C	4
FDBPRTY	6	
FDBRABDU	1A	4
FDBRECCT	C	
FDBRECN2	1A	
FDBRECOV	6	80
FDBRL	12	
FDBROTER	6	10
FDBRRERQ	1A	10
FDBRSFLD	1E	
FDBRSVD1	A	
FDBSKIP	D	4
FDBSPADR	0	
FDBSPFL1	8	
FDBSPLIT	C	10
FDBSPMOD	0	
FDBSPNDX	18	
FDBSPREC	2	
FDBSREND	C	
FDBSRFL	C	C
FDBSRSV1	7	4
FDBSRSV2	7	1
FDBSTART	0	
FDBTAERR	6	30
FDBVALID	14	
FDBWCHLK	7	2
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	

Name	Hex Offset	Hex Value
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	
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
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	

Name	Hex Offset	Hex Value
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
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	

Name	Hex Offset	Hex Value
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	
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

Name	Hex Offset	Hex Value
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
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	

Name	Hex Offset	Hex Value
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	
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	

Name	Hex Offset	Hex Value
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
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	

Name	Hex Offset	Hex Value
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	
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
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

Name	Hex Offset	Hex Value
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
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	

Name	Hex Offset	Hex Value
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	
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	

IATYDSN Heading Information

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

IATYDSN Map

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

Comment

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

End of Comment

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

Comment

```
-----------------------------------------------------------
        DEFINITION OF DSNFL1
-----------------------------------------------------------
```

End of Comment

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IATYDSN Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
44	(2C)	BITSTRING	1	DSNFL1	DSNFL1 FLAG BYTE 1
		1...		DSNALLOC	"X'80'" DATASET IS ALLOCATED
		.1..		DSNSHR	"X'40'" DATASET CAN BE SHARED
		..1.		DSNRSRV	"X'20'" RESERVED DATASET
		...1		DSNRESHR	"X'10'" RESERVER CAN SHR DSNAME
		.... 1...		DSNSCRAP	"X'08'" SCRATCH ALLOCATION PENDING
		.... .1..		DSNSCRCH	"X'04'" SCRATCH DATASET

Comment

DEFINITION OF DSNFL2

End of Comment

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

IATYDSN Cross Reference

Name	Hex Offset	Hex Value
DSNALLOC	2C	80
DSNAME	36	
DSNARLCT	14	
DSNCHAIN	0	
DSNCLNGB	2D	10
DSNENTRY	0	
DSNFL1	2C	
DSNFL2	2D	
DSNGDGBS	2D	20
DSNGDGDL	24	
DSNGDGSD	1C	
DSNJOBNO	30	
DSNJSTGD	20	
DSNPREF	35	
DSNPREV	4	
DSNREQ	2D	80
DSNRESHR	2C	10
DSNRSCHN	8	
DSNRSPTY	34	
DSNRSRV	2C	20
DSNRSVDS	1A	
DSNRSVDU	28	
DSNSAL	2D	40
DSNSCNCT	18	
DSNSCRAP	2C	8
DSNSCRCH	2C	4
DSNSHR	2C	40
DSNSIZE	35	
DSNUSECT	10	
DSNVEND	36	
DSNVOLAD	C	
DSNVSIZE	36	

IATYDSP Programming Interface information

Programming Interface information

IATYDSP

End of Programming Interface information

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IATYDSP Heading Information

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

IATYDSP Map

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

Comment

```
-----------------------------------------------------------------
          DEFINITION OF DSPFLAGS
-----------------------------------------------------------------
```

End of Comment

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

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

				DEFINITION OF DSPFLAG1	

				End of Comment	
		1...		DSPNUDRV	"X'80'" REFRESH DRIVER MODULE
		.1..		DSPNUDAT	"X'40'" REFRESH DATA CSECT
		..1.		DSPHABLE	"X'20'" DSP HOLDABLE VIA MODIFY CMD
		...1		DSPHELD	"X'10'" DSP HELD VIA MODIFY COMMAND
		.... 1...		DSPEXMPT	"X'08'" EXEMPT FOR MESSAGE/WTO
53	(35)	BITSTRING	1	DSPRSVS (3)	- RESERVED FOR SERVICE
56	(38)	SIGNED	4	DSPUSCT	Current use count for this DSP
60	(3C)	SIGNED	4	DSPJQEAW	- ANCHOR FOR ALT DSP WAIT Q 0818
64	(40)	SIGNED	4	DSPSCCTA	Alternate DSPSCCT field No. of CI/POSTSCAN DEMSEL JQE'S moved to ready queue
68	(44)	SIGNED	4	DSPBUFCT	JSAM buffers in use by this 0082 DSP 0082
72	(48)	SIGNED	4	DSPRSVD2	Reserved for development
76	(4C)	SIGNED	4	DSPRSVD3	Reserved for development
80	(50)	SIGNED	4	DSPRSVS1	Reserved for service
84	(54)	SIGNED	4	DSPRSVS2	Reserved for service
88	(58)	SIGNED	4	DSPRSVS3	Reserved for service
92	(5C)	SIGNED	4	DSPRSVU	RESERVED FOR USER
96	(60)	SIGNED	4	DSPEND (0)	- END OF DSP ENTRY
96	(60)	BITSTRING	1	DSPSIZE (0)	DSP ENTRY SIZE = L'DSPSIZE

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

IATYDSP Cross Reference

Name	Hex Offset	Hex Value
DRTEND	8	
DRTSIZE	8	
DRTSTART	0	
DRTTYPE	0	
DSPBUFCT	44	
DSPCSECT	8	
DSPDEVRQ	24	
DSPDRVR	10	
DSPEND	60	
DSPEXMPT	34	8
DSPFCTAV	22	10
DSPFLAGS	22	
DSPFLAG1	34	
DSPHABLE	34	20
DSPHELD	34	10
DSPJBVAL	18	
DSPJQEAW	3C	
DSPJQEWQ	2C	
DSPJSGET	22	20
DSPMXCT	28	
DSPNAME	0	
DSPNMCHG	22	8
DSPNO	20	
DSPNOREQ	23	
DSPNUDAT	34	40
DSPNUDRV	34	80
DSPPABLE	22	80
DSPPRTY	21	
DSPREENT	22	4
DSPRESCH	22	40
DSPRSVD2	48	
DSPRSVD3	4C	
DSPRSVS	35	
DSPRSVS1	50	
DSPRSVS2	54	
DSPRSVS3	58	
DSPRSVU	5C	
DSPSCCT	30	
DSPSCCTA	40	
DSPSIZE	60	
DSPSTART	0	
DSPUCCHG	22	1
DSPUSCT	38	
DSPXABLE	22	2

IATYDSQ Programming Interface information

Programming Interface information

IATYDSQ

End of Programming Interface information

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IATYDSQ Heading Information

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

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

IATYDSQ Map

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

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
33	(21)	ADDRESS	1	(7)	33-39 UNSUPPORTED
40	(28)	ADDRESS	1		40-EARLY VOL RELEASE
41	(29)	ADDRESS	1	(21)	RESERVED
62	(3E)	ADDRESS	1		62-BDT SUBSYSTEM
63	(3F)	ADDRESS	1		63-BDT STAR SHUTTLE
64	(40)	ADDRESS	1	(8)	RESERVED
72	(48)	ADDRESS	1		72-VARY PATH
73	(49)	ADDRESS	1	(2)	RESERVED
75	(4B)	ADDRESS	1		75-NOTIFY USER
76	(4C)	ADDRESS	1		Unsupported
77	(4D)	ADDRESS	1		77-Persistent JCL
78	(4E)	ADDRESS	1		Reserved
79	(4F)	ADDRESS	1		79-SYSOUT Appl Programming Interface
80	(50)	ADDRESS	1		80-Enhanced Status
81	(51)	ADDRESS	1		Reserved
82	(52)	ADDRESS	1		Reserved
83	(53)	ADDRESS	1		Reserved
84	(54)	ADDRESS	1	(44)	Reserved

Comment

FOLLOWING ARE JES3 DEST-CODES

End of Comment

128	(80)	ADDRESS	1		128-MAIN SERVICE
129	(81)	ADDRESS	1		129-GENERALIZED MAIN SCHED
130	(82)	ADDRESS	1		130-VERIFY
131	(83)	ADDRESS	1		131-LOCATE
132	(84)	ADDRESS	1		132-JES DATA MANAGEMENT
133	(85)	ADDRESS	1		133-USER TRACK ALLOCATION
134	(86)	ADDRESS	1		134-CONSOLES SVC 34
135	(87)	ADDRESS	1		135-CONSOLES WTO
136	(88)	ADDRESS	1		136-UNUSED
137	(89)	ADDRESS	1		137-VERIFY RESPONSE
138	(8A)	ADDRESS	1		138-WORK TO DO DRIVER
139	(8B)	ADDRESS	1		139-SSICS
140	(8C)	ADDRESS	1		140-SSICS
141	(8D)	ADDRESS	1		141-ENDREQ
142	(8E)	ADDRESS	1		142-MODIFY DRIVER
143	(8F)	ADDRESS	1		143-INQUIRY DRIVER
144	(90)	ADDRESS	1		144-SYSOUT INTERFACE
145	(91)	ADDRESS	1		145-SYSTEM CONNECT
146	(92)	ADDRESS	1		146-ALT CTC RETRY
147	(93)	ADDRESS	1		147-UNUSED
148	(94)	ADDRESS	1		148-STAR SHORTAGE
149	(95)	ADDRESS	1		149-DYNAL-ALLOC
150	(96)	ADDRESS	1		150-DYNAL-UNALLOC
151	(97)	ADDRESS	1		151-DYNAL-CHG DDN
152	(98)	ADDRESS	1		152-COMMUNICATION FROM AN FSS
153	(99)	ADDRESS	1		153-CI DRIVER
154	(9A)	ADDRESS	1		154-IOERR
155	(9B)	ADDRESS	1		155-FSS start failure
156	(9C)	ADDRESS	1		156 - reserved for service
157	(9D)	ADDRESS	1		157-SAPI
158	(9E)	ADDRESS	1		158-Enhanced ST
159	(9F)	ADDRESS	1		159-WLM
160	(A0)	ADDRESS	1		160-JESMSG
161	(A1)	ADDRESS	1	(95)	Reserved for dev/service

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
	QUEUE ENTRY SECTION				
	FORMAT OF A QUEUE ENTRY				
				End of Comment	
256	(100)	SIGNED	4	DSQQST (0)	START OF ROUTING QUEUES
256	(100)	ADDRESS	4	DSQECFA	ECF ADDRESS
260	(104)	BITSTRING	1	(3)	MUST BE ZERO
263	(107)	BITSTRING	1	DSQECFM	ECF MASK
				Comment	
				End of Comment	
264	(108)	BITSTRING	1	DSQFLG	FLAG BYTE
				Comment	
	DEFINITION OF DSQFLG				
				End of Comment	
		1...		DSQGSCH	"X'80'" GMS Q-ENTRY
		.1..		DSQACT	"X'40'" Q-ENTRY IS ACTIVE
		..1.		DSQDNAQ	"X'20'" ROUTE SA TO Q IF NOT ACTIVE
		...1		DSQMDSQ	"X'10'" MDS Q-ENTRY
		.... 1...		DSQDYNAM	"X'08'" DYNAMIC DESTQ ANCHOR
		.... .1..		DSQMBCRT	"X'04'" A JESXCF mailbox has been created for this Destq entry
		.... ..1.		DSQFSSQ	"X'02'" FSS Q-ENTRY
		1		DSQSUSPA	"X'01'" DSQLOC is suspendable
				Comment	
				End of Comment	
265	(109)	BITSTRING	1	DSQRSVD (3)	RESERVED FOR DEVELOPMENT
268	(10C)	ADDRESS	4	DSQQHD	QUEUE HEADER
272	(110)	ADDRESS	4	DSQQTAIL	Queue Tail
276	(114)	CHARACTER	16	DSQMBNAM	JESXCF mailbox name
276	(114)	X'124'	0	DSQQEND	"*"
292	(124)	BITSTRING	1	DSQQSIZE (0)	SIZE OF QUEUE ENTRY
				Comment	
	Format of a Dynamic Destination Queue Entry. The following is also used to map an FSS Dynamic Destination Queue Extension. An extension will be created when an FSS is added and the FSS-level destination queue is not large enough to contain the new FSS.				
				End of Comment	
256	(100)	SIGNED	4	DSQFSQST (0)	Start of Entry
256	(100)	SIGNED	4	DSQFSQCT	Number of DESTQ entries in this extent of the FSS-level DESTQ table

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

Comment

```
-------------------------------------------------------------
          QUEUE ENTRIES
-------------------------------------------------------------
```

End of Comment

Comment

SQMSV DSQENTRY MBNAME=MAINSVC MAIN SERVICE

End of Comment

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

Comment

SQGMS DSQENTRY MBNAME=GMS GENERALIZED MAIN SCHEDULING

End of Comment

292	(124)	SIGNED	4	DSQGMS (0)	
292	(124)	ADDRESS	4		ECF Address
296	(128)	BITSTRING	1	(3)	Must be zero
299	(12B)	BITSTRING	1		ECF Mask
300	(12C)	BITSTRING	1		Flag byte
301	(12D)	BITSTRING	1	(3)	Reserved for Development
304	(130)	ADDRESS	4		Staging area queue head
308	(134)	ADDRESS	4		Staging area queue tail
312	(138)	CHARACTER	16		JESXCF mailbox name

Comment

SQVER DSQENTRY MBNAME=VERIFY VERIFY

End of Comment

328	(148)	SIGNED	4	DSQVER (0)	
328	(148)	ADDRESS	4		ECF Address
332	(14C)	BITSTRING	1	(3)	Must be zero
335	(14F)	BITSTRING	1		ECF Mask
336	(150)	BITSTRING	1		Flag byte
337	(151)	BITSTRING	1	(3)	Reserved for Development
340	(154)	ADDRESS	4		Staging area queue head

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
344	(158)	ADDRESS	4		Staging area queue tail
348	(15C)	CHARACTER	16		JESXCF mailbox name

Comment

SQLOCA DSQENTRY MBNAME=LOCATE LOCATE

End of Comment

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

Comment

SQJSAM DSQENTRY MBNAME=JSAM JES DATA MANAGEMENT

End of Comment

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

Comment

SQUTK DSQENTRY MBNAME=USERTRACK USER TRACK ALLOCATION

End of Comment

436	(1B4)	SIGNED	4	DSQUTK (0)	
436	(1B4)	ADDRESS	4		ECF Address
440	(1B8)	BITSTRING	1	(3)	Must be zero
443	(1BB)	BITSTRING	1		ECF Mask
444	(1BC)	BITSTRING	1		Flag byte
445	(1BD)	BITSTRING	1	(3)	Reserved for Development
448	(1C0)	ADDRESS	4		Staging area queue head
452	(1C4)	ADDRESS	4		Staging area queue tail
456	(1C8)	CHARACTER	16		

Comment

SQC34 DSQENTRY MBNAME=SVC34 SVC 34

End of Comment

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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
SQWTO DSQENTRY MBNAME=WTO WTO					
				End of Comment	
508	(1FC)	SIGNED	4	DSQWTO (0)	
508	(1FC)	ADDRESS	4		ECF Address
512	(200)	BITSTRING	1	(3)	Must be zero
515	(203)	BITSTRING	1		ECF Mask
516	(204)	BITSTRING	1		Flag byte
517	(205)	BITSTRING	1	(3)	Reserved for Development
520	(208)	ADDRESS	4		Staging area queue head
524	(20C)	ADDRESS	4		Staging area queue tail
528	(210)	CHARACTER	16		JESXCF mailbox name
				Comment	
SQRSD10 DSQENTRY MBNAME=RSVD10 Reserved					
				End of Comment	
544	(220)	SIGNED	4	DSQRSD10 (0)	
544	(220)	ADDRESS	4		ECF Address
548	(224)	BITSTRING	1	(3)	Must be zero
551	(227)	BITSTRING	1		ECF Mask
552	(228)	BITSTRING	1		Flag byte
553	(229)	BITSTRING	1	(3)	Reserved for Development
556	(22C)	ADDRESS	4		Staging area queue head
560	(230)	ADDRESS	4		Staging area queue tail
564	(234)	CHARACTER	16		JESXCF mailbox name
				Comment	
SQDAL DSQENTRY MBNAME=DYNALLOC DYNAMIC ALLOCATION					
				End of Comment	
580	(244)	SIGNED	4	DSQDAL (0)	
580	(244)	ADDRESS	4		ECF Address
584	(248)	BITSTRING	1	(3)	Must be zero
587	(24B)	BITSTRING	1		ECF Mask
588	(24C)	BITSTRING	1		Flag byte
589	(24D)	BITSTRING	1	(3)	Reserved for Development
592	(250)	ADDRESS	4		Staging area queue head
596	(254)	ADDRESS	4		Staging area queue tail
600	(258)	CHARACTER	16		JESXCF mailbox name
				Comment	
SQCAL DSQENTRY MBNAME=COMALLOC COMMON ALLOCATION					
				End of Comment	
616	(268)	SIGNED	4	DSQCAL (0)	
616	(268)	ADDRESS	4		ECF Address
620	(26C)	BITSTRING	1	(3)	Must be zero
623	(26F)	BITSTRING	1		ECF Mask
624	(270)	BITSTRING	1		Flag byte
625	(271)	BITSTRING	1	(3)	Reserved for Development
628	(274)	ADDRESS	4		Staging area queue head
632	(278)	ADDRESS	4		Staging area queue tail
636	(27C)	CHARACTER	16		JESXCF mailbox name

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
SQCUAL DSQENTRY MBNAME=COMUNALC COMMON UNALLOCATION					
				End of Comment	
652	(28C)	SIGNED	4	DSQCUAL (0)	
652	(28C)	ADDRESS	4		ECF Address
656	(290)	BITSTRING	1	(3)	Must be zero
659	(293)	BITSTRING	1		ECF Mask
660	(294)	BITSTRING	1		Flag byte
661	(295)	BITSTRING	1	(3)	Reserved for Development
664	(298)	ADDRESS	4		Staging area queue head
668	(29C)	ADDRESS	4		Staging area queue tail
672	(2A0)	CHARACTER	16		JESXCF mailbox name
				Comment	
SQVRS DSQENTRY MBNAME=VERRESP VERIFY RESPONSE					
				End of Comment	
688	(2B0)	SIGNED	4	DSQVRS (0)	
688	(2B0)	ADDRESS	4		ECF Address
692	(2B4)	BITSTRING	1	(3)	Must be zero
695	(2B7)	BITSTRING	1		ECF Mask
696	(2B8)	BITSTRING	1		Flag byte
697	(2B9)	BITSTRING	1	(3)	Reserved for Development
700	(2BC)	ADDRESS	4		Staging area queue head
704	(2C0)	ADDRESS	4		Staging area queue tail
708	(2C4)	CHARACTER	16		JESXCF mailbox name
				Comment	
SQCDD DSQENTRY MBNAME=CHGDDNAME CHANGE DDNAME					
				End of Comment	
724	(2D4)	SIGNED	4	DSQCDD (0)	
724	(2D4)	ADDRESS	4		ECF Address
728	(2D8)	BITSTRING	1	(3)	Must be zero
731	(2DB)	BITSTRING	1		ECF Mask
732	(2DC)	BITSTRING	1		Flag byte
733	(2DD)	BITSTRING	1	(3)	Reserved for Development
736	(2E0)	ADDRESS	4		Staging area queue head
740	(2E4)	ADDRESS	4		Staging area queue tail
744	(2E8)	CHARACTER	16		
				Comment	
SQWTD DSQENTRY MBNAME=WORKTODO WORK TO DO DRIVER					
				End of Comment	
760	(2F8)	SIGNED	4	DSQWTD (0)	
760	(2F8)	ADDRESS	4		ECF Address
764	(2FC)	BITSTRING	1	(3)	Must be zero
767	(2FF)	BITSTRING	1		ECF Mask
768	(300)	BITSTRING	1		Flag byte
769	(301)	BITSTRING	1	(3)	Reserved for Development
772	(304)	ADDRESS	4		Staging area queue head
776	(308)	ADDRESS	4		Staging area queue tail
780	(30C)	CHARACTER	16		JESXCF mailbox name

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
SQSS1 DSQENTRY MBNAME=SSICSQ1 SSICS QUEUE 1					
				End of Comment	
796	(31C)	SIGNED	4	DSQSS1 (0)	
796	(31C)	ADDRESS	4		ECF Address
800	(320)	BITSTRING	1	(3)	Must be zero
803	(323)	BITSTRING	1		ECF Mask
804	(324)	BITSTRING	1		Flag byte
805	(325)	BITSTRING	1	(3)	Reserved for Development
808	(328)	ADDRESS	4		Staging area queue head
812	(32C)	ADDRESS	4		Staging area queue tail
816	(330)	CHARACTER	16		JESXCF mailbox name
				Comment	
SQSS2 DSQENTRY MBNAME=SSICSQ2 SSICS QUEUE 2					
				End of Comment	
832	(340)	SIGNED	4	DSQSS2 (0)	
832	(340)	ADDRESS	4		ECF Address
836	(344)	BITSTRING	1	(3)	Must be zero
839	(347)	BITSTRING	1		ECF Mask
840	(348)	BITSTRING	1		Flag byte
841	(349)	BITSTRING	1	(3)	Reserved for Development
844	(34C)	ADDRESS	4		Staging area queue head
848	(350)	ADDRESS	4		Staging area queue tail
852	(354)	CHARACTER	16		JESXCF mailbox name
				Comment	
SQMDR DSQENTRY MBNAME=MODIFYDV MODIFY DRIVER					
				End of Comment	
868	(364)	SIGNED	4	DSQMDR (0)	
868	(364)	ADDRESS	4		ECF Address
872	(368)	BITSTRING	1	(3)	Must be zero
875	(36B)	BITSTRING	1		ECF Mask
876	(36C)	BITSTRING	1		Flag byte
877	(36D)	BITSTRING	1	(3)	Reserved for Development
880	(370)	ADDRESS	4		Staging area queue head
884	(374)	ADDRESS	4		Staging area queue tail
888	(378)	CHARACTER	16		JESXCF mailbox name
				Comment	
SQIDR DSQENTRY MBNAME=INQUIRYDV INQUIRY DRIVER					
				End of Comment	
904	(388)	SIGNED	4	DSQIDR (0)	
904	(388)	ADDRESS	4		ECF Address
908	(38C)	BITSTRING	1	(3)	Must be zero
911	(38F)	BITSTRING	1		ECF Mask
912	(390)	BITSTRING	1		Flag byte
913	(391)	BITSTRING	1	(3)	Reserved for Development
916	(394)	ADDRESS	4		Staging area queue head
920	(398)	ADDRESS	4		Staging area queue tail
924	(39C)	CHARACTER	16		

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
SQCNQ DSQENTRY MBNAME=CHGENQUSE CHANGE ENQUEUE USE ATTRIBUTE					
				End of Comment	
940	(3AC)	SIGNED	4	DSQCNQ (0)	
940	(3AC)	ADDRESS	4		ECF Address
944	(3B0)	BITSTRING	1	(3)	Must be zero
947	(3B3)	BITSTRING	1		ECF Mask
948	(3B4)	BITSTRING	1		Flag byte
949	(3B5)	BITSTRING	1	(3)	Reserved for Development
952	(3B8)	ADDRESS	4		Staging area queue head
956	(3BC)	ADDRESS	4		Staging area queue tail
960	(3C0)	CHARACTER	16		
				Comment	
SQPSI DSQENTRY MBNAME=PSO PROCESS SYSOUT					
				End of Comment	
976	(3D0)	SIGNED	4	DSQPSI (0)	
976	(3D0)	ADDRESS	4		ECF Address
980	(3D4)	BITSTRING	1	(3)	Must be zero
983	(3D7)	BITSTRING	1		ECF Mask
984	(3D8)	BITSTRING	1		Flag byte
985	(3D9)	BITSTRING	1	(3)	Reserved for Development
988	(3DC)	ADDRESS	4		Staging area queue head
992	(3E0)	ADDRESS	4		Staging area queue tail
996	(3E4)	CHARACTER	16		JESXCF mailbox name
				Comment	
SQDDR DSQENTRY MBNAME=TAPEDDR TAPE DDR PROCESSING					
				End of Comment	
1012	(3F4)	SIGNED	4	DSQDDR (0)	
1012	(3F4)	ADDRESS	4		ECF Address
1016	(3F8)	BITSTRING	1	(3)	Must be zero
1019	(3FB)	BITSTRING	1		ECF Mask
1020	(3FC)	BITSTRING	1		Flag byte
1021	(3FD)	BITSTRING	1	(3)	Reserved for Development
1024	(400)	ADDRESS	4		Staging area queue head
1028	(404)	ADDRESS	4		Staging area queue tail
1032	(408)	CHARACTER	16		JESXCF mailbox name
				Comment	
SQRSD11 DSQENTRY MBNAME=RSVD11 Reserved					
				End of Comment	
1048	(418)	SIGNED	4	DSQRSD11 (0)	
1048	(418)	ADDRESS	4		ECF Address
1052	(41C)	BITSTRING	1	(3)	Must be zero
1055	(41F)	BITSTRING	1		ECF Mask
1056	(420)	BITSTRING	1		Flag byte
1057	(421)	BITSTRING	1	(3)	Reserved for Development
1060	(424)	ADDRESS	4		Staging area queue head
1064	(428)	ADDRESS	4		Staging area queue tail
1068	(42C)	CHARACTER	16		JESXCF mailbox name

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
SQPATH DSQENTRY MBNAME=VARYPATH VARY PATH					
				End of Comment	
1084	(43C)	SIGNED	4	DSQPATH (0)	
1084	(43C)	ADDRESS	4		ECF Address
1088	(440)	BITSTRING	1	(3)	Must be zero
1091	(443)	BITSTRING	1		ECF Mask
1092	(444)	BITSTRING	1		Flag byte
1093	(445)	BITSTRING	1	(3)	Reserved for Development
1096	(448)	ADDRESS	4		Staging area queue head
1100	(44C)	ADDRESS	4		Staging area queue tail
1104	(450)	CHARACTER	16		JESXCF mailbox name
				Comment	
SQDYNAL DSQENTRY MBNAME=DYNAL DYNAL - ALLOC					
				End of Comment	
1120	(460)	SIGNED	4	DSQDYNAL (0)	
1120	(460)	ADDRESS	4		ECF Address
1124	(464)	BITSTRING	1	(3)	Must be zero
1127	(467)	BITSTRING	1		ECF Mask
1128	(468)	BITSTRING	1		Flag byte
1129	(469)	BITSTRING	1	(3)	Reserved for Development
1132	(46C)	ADDRESS	4		Staging area queue head
1136	(470)	ADDRESS	4		Staging area queue tail
1140	(474)	CHARACTER	16		
				Comment	
SQDYNUN DSQENTRY MBNAME=DYNUN DYNAL - UNALLOC					
				End of Comment	
1156	(484)	SIGNED	4	DSQDYNUN (0)	
1156	(484)	ADDRESS	4		ECF Address
1160	(488)	BITSTRING	1	(3)	Must be zero
1163	(48B)	BITSTRING	1		ECF Mask
1164	(48C)	BITSTRING	1		Flag byte
1165	(48D)	BITSTRING	1	(3)	Reserved for Development
1168	(490)	ADDRESS	4		Staging area queue head
1172	(494)	ADDRESS	4		Staging area queue tail
1176	(498)	CHARACTER	16		JESXCF mailbox name
				Comment	
SQDYNDD DSQENTRY MBNAME=DYNDD DYNAL - CHANGE DDNAME					
				End of Comment	
1192	(4A8)	SIGNED	4	DSQDYNDD (0)	
1192	(4A8)	ADDRESS	4		ECF Address
1196	(4AC)	BITSTRING	1	(3)	Must be zero
1199	(4AF)	BITSTRING	1		ECF Mask
1200	(4B0)	BITSTRING	1		Flag byte
1201	(4B1)	BITSTRING	1	(3)	Reserved for Development
1204	(4B4)	ADDRESS	4		Staging area queue head
1208	(4B8)	ADDRESS	4		Staging area queue tail
1212	(4BC)	CHARACTER	16		JESXCF mailbox name

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
SQDDRD DSQENTRY MBNAME=DASDDDR DASD DDR PROCESSING					
				End of Comment	
1228	(4CC)	SIGNED	4	DSQDDRD (0)	
1228	(4CC)	ADDRESS	4		ECF Address
1232	(4D0)	BITSTRING	1	(3)	Must be zero
1235	(4D3)	BITSTRING	1		ECF Mask
1236	(4D4)	BITSTRING	1		Flag byte
1237	(4D5)	BITSTRING	1	(3)	Reserved for Development
1240	(4D8)	ADDRESS	4		Staging area queue head
1244	(4DC)	ADDRESS	4		Staging area queue tail
1248	(4E0)	CHARACTER	16		JESXCF mailbox name
				Comment	
SQFSS DSQENTRY MBNAME=FSS, COMMUNICATION FROM AN FSS DYNAMIC=YES FLAG AS DYNAMIC DESTQ ENTRY					
				End of Comment	
1264	(4F0)	SIGNED	4	DSQFSS (0)	
1264	(4F0)	ADDRESS	4		ECF Address
1268	(4F4)	BITSTRING	1	(3)	Must be zero
1271	(4F7)	BITSTRING	1		ECF Mask
1272	(4F8)	ADDRESS	1		Flag byte
1273	(4F9)	BITSTRING	1	(3)	Reserved for Development
1276	(4FC)	ADDRESS	4		Staging area queue head
1280	(500)	ADDRESS	4		Staging area queue tail
1284	(504)	BITSTRING	16		No mail box name in dynamic destination queue entry
				Comment	
SQCIDRV DSQENTRY MBNAME=CIDRIVER CI DRIVER					
				End of Comment	
1300	(514)	SIGNED	4	DSQCIDRV (0)	
1300	(514)	ADDRESS	4		ECF Address
1304	(518)	BITSTRING	1	(3)	Must be zero
1307	(51B)	BITSTRING	1		ECF Mask
1308	(51C)	BITSTRING	1		Flag byte
1309	(51D)	BITSTRING	1	(3)	Reserved for Development
1312	(520)	ADDRESS	4		Staging area queue head
1316	(524)	ADDRESS	4		Staging area queue tail
1320	(528)	CHARACTER	16		JESXCF mailbox name
				Comment	
SQIOERR DSQENTRY MBNAME=IOERR SPOOL WRITE ERROR					
				End of Comment	
1336	(538)	SIGNED	4	DSQIOERR (0)	
1336	(538)	ADDRESS	4		ECF Address
1340	(53C)	BITSTRING	1	(3)	Must be zero
1343	(53F)	BITSTRING	1		ECF Mask
1344	(540)	BITSTRING	1		Flag byte
1345	(541)	BITSTRING	1	(3)	Reserved for Development
1348	(544)	ADDRESS	4		Staging area queue head
1352	(548)	ADDRESS	4		Staging area queue tail
1356	(54C)	CHARACTER	16		JESXCF mailbox name

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
SQBDT DSQENTRY MBNAME=BDT BDT SUBSYSTEM (62)					
				End of Comment	
1372	(55C)	SIGNED	4	DSQBDT (0)	
1372	(55C)	ADDRESS	4		ECF Address
1376	(560)	BITSTRING	1	(3)	Must be zero
1379	(563)	BITSTRING	1		ECF Mask
1380	(564)	BITSTRING	1		Flag byte
1381	(565)	BITSTRING	1	(3)	Reserved for Development
1384	(568)	ADDRESS	4		Staging area queue head
1388	(56C)	ADDRESS	4		Staging area queue tail
1392	(570)	CHARACTER	16		JESXCF mailbox name
				Comment	
SQBSHTL DSQENTRY MBNAME=BDTSHUTTL BDT SHUTTLE STARS (63)					
				End of Comment	
1408	(580)	SIGNED	4	DSQBSHTL (0)	
1408	(580)	ADDRESS	4		ECF Address
1412	(584)	BITSTRING	1	(3)	Must be zero
1415	(587)	BITSTRING	1		ECF Mask
1416	(588)	BITSTRING	1		Flag byte
1417	(589)	BITSTRING	1	(3)	Reserved for Development
1420	(58C)	ADDRESS	4		Staging area queue head
1424	(590)	ADDRESS	4		Staging area queue tail
1428	(594)	CHARACTER	16		
				Comment	
SQPJCL DSQENTRY MBNAME=PJCL ARM PJCL Service					
				End of Comment	
1444	(5A4)	SIGNED	4	DSQPJCL (0)	
1444	(5A4)	ADDRESS	4		ECF Address
1448	(5A8)	BITSTRING	1	(3)	Must be zero
1451	(5AB)	BITSTRING	1		ECF Mask
1452	(5AC)	BITSTRING	1		Flag byte
1453	(5AD)	BITSTRING	1	(3)	Reserved for Development
1456	(5B0)	ADDRESS	4		Staging area queue head
1460	(5B4)	ADDRESS	4		Staging area queue tail
1464	(5B8)	CHARACTER	16		JESXCF mailbox name
				Comment	
SQSAPI DSQENTRY MBNAME=SAPI SYSOUT Appl Prog Interface					
				End of Comment	
1480	(5C8)	SIGNED	4	DSQSAPI (0)	
1480	(5C8)	ADDRESS	4		ECF Address
1484	(5CC)	BITSTRING	1	(3)	Must be zero
1487	(5CF)	BITSTRING	1		ECF Mask
1488	(5D0)	BITSTRING	1		Flag byte
1489	(5D1)	BITSTRING	1	(3)	Reserved for Development
1492	(5D4)	ADDRESS	4		Staging area queue head
1496	(5D8)	ADDRESS	4		Staging area queue tail
1500	(5DC)	CHARACTER	16		JESXCF mailbox name

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
SQENST DSQENTRY MBNAME=ENSTATUS Enhanced Status					
				End of Comment	
1516	(5EC)	SIGNED	4	DSQENST (0)	
1516	(5EC)	ADDRESS	4		ECF Address
1520	(5F0)	BITSTRING	1	(3)	Must be zero
1523	(5F3)	BITSTRING	1		ECF Mask
1524	(5F4)	BITSTRING	1		Flag byte
1525	(5F5)	BITSTRING	1	(3)	Reserved for Development
1528	(5F8)	ADDRESS	4		Staging area queue head
1532	(5FC)	ADDRESS	4		Staging area queue tail
1536	(600)	CHARACTER	16		JESXCF mailbox name
				Comment	
SQWLM DSQENTRY MBNAME=WLM Workload Manager					
				End of Comment	
1552	(610)	SIGNED	4	DSQWLM (0)	
1552	(610)	ADDRESS	4		ECF Address
1556	(614)	BITSTRING	1	(3)	Must be zero
1559	(617)	BITSTRING	1		ECF Mask
1560	(618)	BITSTRING	1		Flag byte
1561	(619)	BITSTRING	1	(3)	Reserved for Development
1564	(61C)	ADDRESS	4		Staging area queue head
1568	(620)	ADDRESS	4		Staging area queue tail
1572	(624)	CHARACTER	16		JESXCF mailbox name
				Comment	
SQJMSG DSQENTRY MBNAME=JESMSG JESMSG offloading					
				End of Comment	
1588	(634)	SIGNED	4	DSQJMSG (0)	
1588	(634)	ADDRESS	4		ECF Address
1592	(638)	BITSTRING	1	(3)	Must be zero
1595	(63B)	BITSTRING	1		ECF Mask
1596	(63C)	BITSTRING	1		Flag byte
1597	(63D)	BITSTRING	1	(3)	Reserved for Development
1600	(640)	ADDRESS	4		Staging area queue head
1604	(644)	ADDRESS	4		Staging area queue tail
1608	(648)	CHARACTER	16		JESXCF mailbox name
				Comment	
SQRSD5 DSQENTRY MBNAME=RSVD5 Reserved for SERVICE					
				End of Comment	
1624	(658)	SIGNED	4	DSQRSD5 (0)	
1624	(658)	ADDRESS	4		ECF Address
1628	(65C)	BITSTRING	1	(3)	Must be zero
1631	(65F)	BITSTRING	1		ECF Mask
1632	(660)	BITSTRING	1		Flag byte
1633	(661)	BITSTRING	1	(3)	Reserved for Development
1636	(664)	ADDRESS	4		Staging area queue head
1640	(668)	ADDRESS	4		Staging area queue tail
1644	(66C)	CHARACTER	16		JESXCF mailbox name

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
SQRSD6 DSQENTRY MBNAME=RSVD6 Reserved for USER					
				End of Comment	
1660	(67C)	SIGNED	4	DSQRSD6 (0)	
1660	(67C)	ADDRESS	4		ECF Address
1664	(680)	BITSTRING	1	(3)	Must be zero
1667	(683)	BITSTRING	1		ECF Mask
1668	(684)	BITSTRING	1		Flag byte
1669	(685)	BITSTRING	1	(3)	Reserved for Development
1672	(688)	ADDRESS	4		Staging area queue head
1676	(68C)	ADDRESS	4		Staging area queue tail
1680	(690)	CHARACTER	16		JESXCF mailbox name
				Comment	
SQRSD7 DSQENTRY MBNAME=RSVD7 Reserved for USER					
				End of Comment	
1696	(6A0)	SIGNED	4	DSQRSD7 (0)	
1696	(6A0)	ADDRESS	4		ECF Address
1700	(6A4)	BITSTRING	1	(3)	Must be zero
1703	(6A7)	BITSTRING	1		ECF Mask
1704	(6A8)	BITSTRING	1		Flag byte
1705	(6A9)	BITSTRING	1	(3)	Reserved for Development
1708	(6AC)	ADDRESS	4		Staging area queue head
1712	(6B0)	ADDRESS	4		Staging area queue tail
1716	(6B4)	CHARACTER	16		JESXCF mailbox name
				Comment	
SQRSD8 DSQENTRY MBNAME=RSVD8 Reserved for USER					
				End of Comment	
1732	(6C4)	SIGNED	4	DSQRSD8 (0)	
1732	(6C4)	ADDRESS	4		ECF Address
1736	(6C8)	BITSTRING	1	(3)	Must be zero
1739	(6CB)	BITSTRING	1		ECF Mask
1740	(6CC)	BITSTRING	1		Flag byte
1741	(6CD)	BITSTRING	1	(3)	Reserved for Development
1744	(6D0)	ADDRESS	4		Staging area queue head
1748	(6D4)	ADDRESS	4		Staging area queue tail
1752	(6D8)	CHARACTER	16		JESXCF mailbox name
				Comment	
SQRSD9 DSQENTRY MBNAME=RSVD9 Reserved for USER					
				End of Comment	
1768	(6E8)	SIGNED	4	DSQRSD9 (0)	
1768	(6E8)	ADDRESS	4		ECF Address
1772	(6EC)	BITSTRING	1	(3)	Must be zero
1775	(6EF)	BITSTRING	1		ECF Mask
1776	(6F0)	BITSTRING	1		Flag byte
1777	(6F1)	BITSTRING	1	(3)	Reserved for Development
1780	(6F4)	ADDRESS	4		Staging area queue head
1784	(6F8)	ADDRESS	4		Staging area queue tail
1788	(6FC)	CHARACTER	16		JESXCF mailbox name
1788	(6FC)	X'70C'	0	DSQEND	"*" END OF DEST ROUTING QUEUES
1804	(70C)	BITSTRING	1	DSQSIZE (0)	SIZE OF DEST ROUTING TABLE

IATYDSQ Cross Reference

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

IATYDSQ Cross Reference

Name	Hex Offset	Hex Value
DSQACT	108	40
DSQBDT	55C	
DSQBSHTL	580	
DSQCAL	268	
DSQCDD	2D4	
DSQCIDRV	514	
DSQCNQ	3AC	
DSQCUAL	28C	
DSQC34	1D8	
DSQDAL	244	
DSQDDR	3F4	
DSQDDRD	4CC	
DSQDNAQ	108	20
DSQDYNAL	460	
DSQDYNAM	108	8
DSQDYNDD	4A8	
DSQDYNUN	484	
DSQECFA	100	
DSQECFM	107	0
DSQEND	6FC	70C
DSQENST	5EC	
DSQFLG	108	0
DSQFSFLG	108	
DSQFSMIN	124	A
DSQFSQCT	100	
DSQFSQEN	124	
DSQFSQHI	114	
DSQFSQLO	110	
DSQFSQNX	118	
DSQFSQPT	10C	
DSQFSQST	100	
DSQFSQSZ	124	24
DSQFSRS1	104	
DSQFSRS2	109	
DSQFSRS3	11C	
DSQFSS	4F0	
DSQFSSQ	108	2
DSQGMS	124	
DSQGSCH	108	80
DSQIDR	388	
DSQIOERR	538	
DSQJMSG	634	
DSQJSAM	190	
DSQLOCA	16C	
DSQMBCRT	108	4
DSQMBNAM	114	40404040
DSQMDR	364	
DSQMDSQ	108	10
DSQMSV	100	
DSQPATH	43C	
DSQPJCL	5A4	
DSQPSI	3D0	
DSQQEND	114	124
DSQQHD	10C	
DSQQSIZE	124	
DSQQST	100	
DSQQTAIL	110	
DSQRSD10	220	
DSQRSD11	418	
DSQRSD5	658	
DSQRSD6	67C	
DSQRSD7	6A0	
DSQRSD8	6C4	
DSQRSD9	6E8	
DSQRSVD	109	
DSQSAPI	5C8	
DSQSIZE	70C	
DSQSS1	31C	
DSQSS2	340	
DSQSTART	0	
DSQSUSPA	108	1
DSQUTK	1B4	
DSQVER	148	
DSQVRS	2B0	
DSQWLM	610	
DSQWTD	2F8	
DSQWTO	1FC	
FSQEND	10	
FSQFSACT	0	
FSQFSAPT	C	
FSQLEN	10	10
FSQSTART	0	
IATSSDQ	0	

IATYDSS Programming Interface information

Programming Interface information

IATYDSS

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

- DSSDSB
- DSSSAVE1
- DSSSAVE2
- DSSWORK

End of Programming Interface information

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IATYDSS Heading Information

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

IATYDSS Map

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

Comment

```
-----------------------------------------------------------
        WARNING
    THE OFFSETS BETWEEN FDBSTART AND FDBFREND MUST NOT
    BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON
    SOME JES3 MODULES.
-----------------------------------------------------------
```

End of Comment

0	(0)	SIGNED	4	FDBDATA (0)	- BUFFER ADDRESS OF DATA
0	(0)	BITSTRING	6	FDBSPADR (0)	- M.R SPOOL REC ADDR OF DATA
0	(0)	BITSTRING	2	FDBSPMOD	- MODULE NUMBER OF SPOOL EXTENT
2	(2)	BITSTRING	4	FDBSPREC	- RECORD NUMBER OF DATA
6	(6)	BITSTRING	1	FDBFLAG0 (0)	SINGLE RECORD AND ERROR FLAGS

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
					---------- DEFINITION OF FDBFLAG0: SINGLE-RECORD AND ERROR FLAGS ----------
				End of Comment	
		1111		FDBERFLG	"X'F0'" I/O ERROR FLAGS.
		1..1		FDBDKFRR	"X'90'" PROGRAM CHECK IN IATDMDK.
		1...		FDBRECOV	"X'80'" SUCCESSFUL ERROR RECOVERY OCCURRED
		.111		FDBJBTER	"X'70'" ERROR READING THE JBT OCCURRED
		.11.		FDBCHKPT	"X'60'" FIRST/LAST TRACK ADDR CHANGE
		.1.1		FDBF0RS1	"X'50'" RESERVED FLAG.
		.1..		FDBERROR	"X'40'" UNCORRECTABLE I/O ERROR OCCURRED
		..11		FDBTAERR	"X'30'" DISK ADDRESS NOT VERIFY.
		..1.		FDBIOERR	"X'20'" I/O ERROR RECOVERY IN PROGRESS
		...1		FDBROTER	"X'10'" ERROR OCCURRED ON ROOT I/O.
				Comment	
					FOLLOWING FOUR FLAGS ARE FOR SINGLE RECORD FILES ONLY
				End of Comment	
		.... 1...		FDBNOPUT	"X'08'" WRITE WITHOUT PUTBUF
		.... .1..		FDBOLD	"X'04'" OLD SINGLE RECORD FILE
		.... ..1.		FDBJBTAT	"X'02'" INDICATES FDB IS A JBTAT FDB
		1		FDBFCTPM	"X'01'" PARAMETERS IN FCT
6	(6)	BITSTRING	1	FDBPRTY	FDB PRTY (BITS 0-3) DURING OPEN
7	(7)	BITSTRING	1	FDBFLAGS	FLAGS COMMON TO SINGLE/MULT 1
				Comment	
					---------- DEFINITION OF FDBFLAGS: SINGLE- & MULTIPLE-RECORD FILES ----------
				End of Comment	
		1...		FDBECF	"X'80'" - I/O EVENT COMPLETION.
		.1..		FDBMNTAT	"X'40'" SINGLE TRACK ALLOCATION USED
		..1.		FDBINPUT	"X'20'" - INPUT/OUTPUT FILE (INPUT IF ON).
		...1		FDBCLOSE	"X'10'" - OPEN/CLOSED FLAG (CLOSED IF ON).
		.... 1...		FDBMULT	"X'08'" - SINGLE/MULTIPLE FILE (MULT IF ON).
		.... .1..		FDBSRSV1	"X'04'" - RESERVED.
		.... ..1.		FDBWCHLK	"X'02'" - WRTCHAIN ROOT FDB LOCK FLAG.
		1		FDBSRSV2	"X'01'" - RESERVED.
8	(8)	BITSTRING	1	FDBSPFL1	- FLAGS FOR SPOOL DATA MGMT
				Comment	
					---------- DEFINITION OF FDBSPFL1: SINGLE- & MULTIPLE-RECORD FILES ----------
				End of Comment	
		1...		FDBONSP	"X'80'" - FDB CONTAINS A SPOOL ADDRESS
		.1..		FDBIOIP	"X'40'" - I/O IN-PROGRESS INDICATOR
		..1.		FDBCSBTR	"X'20'" CSBT USED TO READ CH. SRF 0440
		...1		FDBCSBTW	"X'10'" USE CSBT TO WRITE CHAINED SRF
		.... 1...		FDBCSBTL	"X'08'" USE CSBT TO RELEASE CHAINED SRF
		.... .1..		FDBCSBTJ	"X'04'" USE CSBT FOR THIS JESREAD 0440
9	(9)	BITSTRING	1	FDBFLGR2	- RESERVED FOR SERVICE
10	(A)	SIGNED	2	FDBRSVD1	- RESERVED FOR DEVELOPMENT
12	(C)	BITSTRING	1	FDBSREND (0)	END OF SINGLE REC FILE FDB

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
12	(C)	X'C'	0	FDBSRFL	"FDBSREND-FDBSTART" LENGTH OF AN SRF FDB
12	(C)	SIGNED	2	FDBFREND (0)	END OF FDB FROZEN SECTION

Comment

```
-----------------------------------------------------------
        WARNING
    THE OFFSETS BETWEEN FDBSTART AND FDBFREND MUST NOT
    BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON
    SOME JES3 MODULES.
-----------------------------------------------------------
-----------------------------------------------------------
        END OF SINGLE RECORD FILE FDB
-----------------------------------------------------------
-----------------------------------------------------------
  THE FOLLOWING FIELDS ARE FOR MULTI-RECORD FILE FDBS
    (EXISTS IF THE FLAG FDBMULT IS ON IN FDBFLAGS)
-----------------------------------------------------------
```

End of Comment

12	(C)	BITSTRING	1	FDBFLAG1	- FLAGS FOR MULTIPLE RECORD FILES.

Comment

```
-----------------------------------------------------------
  DEFINITION OF FDBFLAG1: MULTIPLE-RECORD FILES
-----------------------------------------------------------
```

End of Comment

		1...		FDBOCLSE	"X'80'" - CLOSE OF FILE INITIATED.
		.1..		FDBFDATA	"X'40'" - FIRST DATA BUFFER FLAG.
		..1.		FDBDATCH	"X'20'" - DATA BUFFER CHAIN FLAG.
		...1		FDBSPLIT	"X'10'" - DATA IS SPLIT BETWEEN TWO BUFFERS.
		.... 1...		FDBEND	"X'08'" - FILE IS BEING OPENED AT ITS END.
		.... .1..		FDBPOINT	"X'04'" - POINT IS IN PROGRESS.
		.... ..1.		FDBDEBS	"X'02'" - DEBLOCKS BIT.
		1		FDBPNTIN	"X'01'" - APOINT HAS TYPE=IN AS PARAMETER.
13	(D)	BITSTRING	1	FDBFLAG2	- FLAGS FOR MULTIPLE RECORD FILES.

Comment

```
-----------------------------------------------------------
  DEFINITION OF FDBFLAG2: MULTIPLE-RECORD FILES
-----------------------------------------------------------
```

End of Comment

		1...		FDBLSTIO	"X'80'" - SET LAST I/O REQUEST STARTED.
		.1..		FDBALLIO	"X'40'" - SET WHEN LAST DATA BUFFER WRITTEN.
		..1.		FDBLOCAT	"X'20'" - SET WHEN AN ALOCATE IS DONE.
		...1		FDBNDATA	"X'10'" ON = NO DATA IN FILE
		.... 1...		FDBODEOD	"X'08'" RECOVER FROM NO EOD ON OPEND
		.... .1..		FDBSKIP	"X'04'" SKIP RECORD IF READ I/O ERROR
		.... ..1.		FDBMAC	"X'02'" MACHINE CARRIAGE CONTROL
		1		FDBASA	"X'01'" ASA CARRIAGE CONTROL FOR DS
14	(E)	BITSTRING	1	FDBFLAG3	- FLAGS FOR MULTI-RECORD FILES

Comment

```
-----------------------------------------------------------
  DEFINITION OF FDBFLAG3: MULTIPLE-RECORD FILES
-----------------------------------------------------------
```

End of Comment

		1...		FDBOPTCD	"X'80'" - OPTCD = J SPECIFIED

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.1..		FDBIOCNG	"X'40'" - I/O COUNT ERROR DETECTED
15	(F)	BITSTRING	1	FDBFLGR4	- RESERVED FOR SERVICE
16	(10)	BITSTRING	1	FDBIOCNT	- NUMBER OF I/O REQUESTS OUTSTANDING.
17	(11)	BITSTRING	1	FDBERCNT	- NUMBER OF I/O ERRORS NOT CORRECTED.
18	(12)	SIGNED	2	FDBRL	- ROOM LEFT IN DATA BUFFER.
20	(14)	SIGNED	4	FDBBPTR	- CURRENT BUFFER POINTER.
24	(18)	BITSTRING	6	FDBOPEND (0)	- SPOOL ADR OF LAST DATA BUFFER
24	(18)	BITSTRING	2	FDBMODN2	- MOD NO OF LAST SPOOL EXTENT
26	(1A)	BITSTRING	4	FDBRECN2	- REC NO OF LAST SPOOL DATA
30	(1E)	SIGNED	2	FDBRSFLD	RESERVED FOR DEVELOPMENT

Comment

END OF MULTI-RECORD FILE FDB

End of Comment

32	(20)	BITSTRING	1	FDBMREND (0)	END OF MULTI-RECORD FILE FDB
32	(20)	X'20'	0	FDBMRFL	"FDBMREND-FDBSTART" LENGTH OF AN MRF FDB

Comment

JOB/DATASET TAT FDB EXTENSION
(EXISTS IF THE FLAG FDBJBTAT IS ON IN FDBFLAG0)

End of Comment

12	(C)	SIGNED	4	FDBJBTEX (0)	START OF TAT FDB EXTENSION

Comment

RETURN PARAMETERS FROM TRACK GROUP ALLOCATION

End of Comment

12	(C)	SIGNED	2	FDBRECCT	- NUMBER OF AVAILABLE RECORDS
14	(E)	BITSTRING	6	FDBJTSPA (0)	- AVAILABLE RECORD ADDRESS
14	(E)	BITSTRING	2	FDBJTSPM	- MODULE NUMBER
16	(10)	BITSTRING	4	FDBJTSPR	- RECORD NUMBER

Comment

End of Comment

20	(14)	SIGNED	4	FDBVALID	- VALIDATION FIELD FOR FILE
24	(18)	SIGNED	2	FDBSPNDX	- JOB'S SPOOL PARTITION INDEX
26	(1A)	BITSTRING	1	FDBJTFLG	- JOB/DATASET TAT STATUS FLAGS

Comment

DEFINITION OF FDBJTFLG: JOB/DATASET TAT STATUS FLAGS

End of Comment

		1...		FDBJTBIT	"X'80'" - TRACK ALLOCATION SUSPENDED
		.1..		FDBDSTAT	"X'40'" - DATA SET TAT
		..1.		FDBJIOER	"X'20'" - IOERR POST REQUIRED
		...1		FDBRRERQ	"X'10'" - JSAM POST REQUIRED (RRE ALLOC)
		.... 1...		FDBJTOFL	"X'08'" - JSAM POST REQUIRED (JBT OVFLW)

IATYDSS Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.... .1..		FDBRABDU	"X'04'" - FDB IN USE FOR RAB DESTROY
		.... ..1.		FDBJTERR	"X'02'" - RAB REFRESH ERROR
27	(1B)	BITSTRING	1	FDBJTRSV	- RESERVED FOR DEVELOPMENT

Comment

```
-------------------------------------------------------------
          END OF THE TAT FDB EXTENSION
-------------------------------------------------------------
```

End of Comment

28	(1C)	BITSTRING	1	FDBJTEND (0)	END OF THE JBT FDB EXTENSION
28	(1C)	X'10'	0	FDBJBTXL	"FDBJTEND-FDBJBTEX" LENGTH OF JBT FDB EXTENSION
28	(1C)	X'1C'	0	FDBJBTL	"FDBSRFL+FDBJBTXL" LENGTH OF A TAT FDB

IATYDSS Cross Reference

Name	Hex Offset	Hex Value
FDBALLIO	D	40
FDBASA	D	1
FDBBPTR	14	
FDBCHKPT	6	60
FDBCLOSE	7	10
FDBCSBTJ	8	4
FDBCSBTL	8	8
FDBCSBTR	8	20
FDBCSBTW	8	10
FDBDATA	0	
FDBDATCH	C	20
FDBDEBS	C	2
FDBDKFRR	6	90
FDBDSTAT	1A	40
FDBECF	7	80
FDBEND	C	8
FDBERCNT	11	
FDBERFLG	6	F0
FDBERROR	6	40
FDBFCTPM	6	1
FDBFDATA	C	40
FDBFLAGS	7	
FDBFLAG0	6	
FDBFLAG1	C	
FDBFLAG2	D	
FDBFLAG3	E	
FDBFLGR2	9	
FDBFLGR4	F	
FDBFREND	C	
FDBF0RS1	6	50
FDBINPUT	7	20
FDBIOCNG	E	40
FDBIOCNT	10	
FDBIOERR	6	20
FDBIOIP	8	40
FDBJBTAT	6	2
FDBJBTER	6	70
FDBJBTEX	C	
FDBJBTL	1C	1C
FDBJBTXL	1C	10
FDBJIOER	1A	20
FDBJTBIT	1A	80
FDBJTEND	1C	
FDBJTERR	1A	2
FDBJTFLG	1A	
FDBJTOFL	1A	8
FDBJTRSV	1B	
FDBJTSPA	E	
FDBJTSPM	E	
FDBJTSPR	10	
FDBLOCAT	D	20
FDBLSTIO	D	80
FDBMAC	D	2
FDBMNTAT	7	40
FDBMODN2	18	
FDBMREND	20	
FDBMRFL	20	20
FDBMULT	7	8
FDBNDATA	D	10
FDBNOPUT	6	8
FDBOCLSE	C	80
FDBODEOD	D	8
FDBOLD	6	4
FDBONSP	8	80
FDBOPEND	18	
FDBOPTCD	E	80
FDBPNTIN	C	1
FDBPOINT	C	4
FDBPRTY	6	
FDBRABDU	1A	4
FDBRECCT	C	
FDBRECN2	1A	
FDBRECOV	6	80
FDBRL	12	
FDBROTER	6	10
FDBRRERQ	1A	10
FDBRSFLD	1E	
FDBRSVD1	A	
FDBSKIP	D	4
FDBSPADR	0	
FDBSPFL1	8	
FDBSPLIT	C	10
FDBSPMOD	0	
FDBSPNDX	18	
FDBSPREC	2	
FDBSREND	C	
FDBSRFL	C	C
FDBSRSV1	7	4
FDBSRSV2	7	1
FDBSTART	0	

Name	Hex Offset	Hex Value
FDBTAERR	6	30
FDBVALID	14	
FDBWCHLK	7	2

IATYDST Programming Interface information

Programming Interface information

IATYDST

End of Programming Interface information

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IATYDST Heading Information

Common Name: JES3 DESTINATION CODES
Macro ID: IATYDST
DSECT Name:
Owning Component: JES3 (SC1BA)
Eye-Catcher ID:
Storage Attributes:
Size:
Created by: N/A
Pointed to by: N/A
Serialization: N/A
Function: This macro provides equated values which identify the JES3 destination codes for staging area transmission.

Dependencies- The values defined in the "Definition of DEST Q-ENTRY FLAG" section are dependent upon the DSQFLG values defined in IATYDSQ'S "Format of a QUEUE ENTRY" section.

IATYDST Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	X'3E'	0	DSTBDT	"62" BDT SUBSYSTEM
0	(0)	X'3F'	0	DSTBSHTL	"63" BDT SHUTTLE FOR STARS
0	(0)	X'80'	0	DSTMSV	"128" MAIN SERVICE
0	(0)	X'81'	0	DSTGMS	"129" GENERALIZED MAIN SCHEDULING
0	(0)	X'82'	0	DSTVER	"130" VERIFY
0	(0)	X'83'	0	DSTLOC	"131" LOCATE
0	(0)	X'84'	0	DSTJDSE	"132" USER JDS ACCESS
0	(0)	X'85'	0	DSTUTRK	"133" USER TRACK ALLOCATION
0	(0)	X'86'	0	DSTC34	"134" CONSOLES SVC 34
0	(0)	X'87'	0	DSTCWTO	"135" CONSOLES WTO
0	(0)	X'88'	0	DSTCDOM	"136" CONSOLES DOM
0	(0)	X'89'	0	DSTMVRES	"137" MDS VERIFY RESPONSE
0	(0)	X'8A'	0	DSTWTD	"138" Work to Do Driver for Status Cancel and Validate proc
0	(0)	X'8B'	0	DSTSSQ1	"139" SSICS QUEUE 1
0	(0)	X'8C'	0	DSTSSQ2	"140" SSICS QUEUE 2
0	(0)	X'8D'	0	DSTENDR	"141" ENDREQ
0	(0)	X'8E'	0	DSTMDDR	"142" MODIFY DRIVER
0	(0)	X'8F'	0	DSTIQDR	"143" INQUIRY DRIVER
0	(0)	X'90'	0	DSTOUTPT	"144" Process SYSOUT Interface (PSO)
0	(0)	X'91'	0	DSTCNECT	"145" SYSTEM CONNECT POST
0	(0)	X'92'	0	DSTNOP	"146" ALT CTC RETRY
0	(0)	X'93'	0	DSTMSS	"147" MAIN SERVICE - MSS
0	(0)	X'94'	0	DSTSTAR	"148" STAGING AREA SHORTAGE
0	(0)	X'95'	0	DSTDYNAL	"149" DYNAL ALLOC QUEUE
0	(0)	X'96'	0	DSTDYNUN	"150" DYNAL UNALLOC QUEUE
0	(0)	X'97'	0	DSTDYDDN	"151" DYNAL CHANGE DDNAME Q
0	(0)	X'98'	0	DSTFSS	"152" COMMUNICATION FROM AN FSS - DESTQ ENTRY IS DYNAMIC
0	(0)	X'99'	0	DSTCIDRV	"153" CI DRIVER
0	(0)	X'9A'	0	DSTIOERR	"154" SPOOL I/O ERROR
0	(0)	X'9B'	0	DSTFFAIL	"155" FSS start failure
0	(0)	X'9C'	0	DSTRSVST	"156" First DST code reserved for service
0	(0)	X'9D'	0	DSTSAPI	"157" SYSOUT Application Programming Interface
0	(0)	X'9E'	0	DSTENST	"158" Enhanced Status
0	(0)	X'9F'	0	DSTWLM	"159" Workload Manager
0	(0)	X'A0'	0	DSTJMSG	"160" JESMSG Offload

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	X'FF'	0	DSTLAST	"255" Last possible DST code
0	(0)	X'60'	0	DSTRSVLF	"DSTLAST-DSTJMSG+1" Number of reserved DST codes left

Comment

```
-----------------------------------------------------------------
          OPTIONAL MODIFIER CODES
-----------------------------------------------------------------
-------------------------------------------------------------
          MGCR (SVC 34)
-------------------------------------------------------------
```

End of Comment

		....		MODSVC34	"X'00'" INTERNAL SVC 34 REQUEST
		1		MODS34R	"X'01'" MULTIPLE SVC 34 REQUEST

Comment

```
     EQU X'02' Reserved for development
```

End of Comment

		11		MODS34T	"X'03'" INTERNAL SVC 34 W/TOKEN D004
		.... .1..		MODS34TA	"X'04'" INTERNAL SVC 34 W/TOKEN AND AUTHORITY LEVEL
		...1		MODINTCM	"X'10'" ISSUE INTERCOM ON GLOBAL

Comment

```
     EQU X'11' Reserved for development
     EQU X'20' Reserved for development
-------------------------------------------------------------
          WTO (SVC 35)
-------------------------------------------------------------
```

End of Comment

		1		MODWTL	"X'01'" WRITE-TO-LOG MESSAGE
		.... ..1.		MODLCL35	"X'02'" WTO MESSAGE FROM LOCAL SYS
		11		MODGBL35	"X'03'" WTO MESSAGE FROM GLOBAL SYS

Comment

```
-------------------------------------------------------------
          DOM (SVC 87)
-------------------------------------------------------------
```

End of Comment

		....		MODVSDOM	"X'00'" DOM FROM DOWNLEVEL VS
		1		MODJESDM	"X'01'" DOM FROM JES3 GLOBAL
		.... ..1.		MODVSCUR	"X'02'" DOM PROCESSED BY JES3 ADDR SP
0	(0)	X'D4'	0	MODMSGR	"C'M'" INQUIRY/MODIFY MSG ROUTING
0	(0)	X'D6'	0	MODCNID	"C'O'" INQUIRY/MODIFY CONSOLE ID
0	(0)	X'D1'	0	MODJMF	"C'J'" INQUIRY JMF 431
0	(0)	X'D3'	0	MODNOJLG	"C'L' Modify JESMSGLG logging @WA24527"
0	(0)	X'D5'	0	MODJLSPN	"C'N'" *F J=nnnnn,SPIN
0	(0)	X'E2'	0	MODSRVCL	"C'S'" *F J=nnnnn,SRVCLASS=
0	(0)	X'D9'	0	MODRUN	"C'R'" *F J=nnnnn,RUN
0	(0)	X'E7'	0	MODXMOD	"C'X'" *I,X,M=modname

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

					DSTENST modifier codes

				End of Comment	
		1...		MODENST	"X'80'" Enhanced Status
				Comment	

					MODSTS, MODCTS and MODVTS are associated with
					requests destined for DSTWTD processing

				End of Comment	
		1...		MODSTS	"X'80'" WTD/Application Status
		.1..		MODCTS	"X'40'" WTD/Application Cancel
		..1.		MODVTS	"X'20'" WTD/Application Validate destination
				Comment	

					MODRSYS and MODRWQE are associated with requests
					destined for DSTSAPI (SAPI) processing.
					This line deleted by APAR OW25634

				End of Comment	
		1...		MODRSYS	"X'80'" SAPI request for SYSOUT
		.1..		MODRWQE	"X'40'" SAPI request for placing entry on wait queue
				Comment	

					MODETS and MODOTS are associated with requests
					destined for DSTOUTPT (PSO) processing.

				End of Comment	
		..1.		MODETS	"X'20'" PSO hot wtr wait request 0091
				Comment	
					This line deleted by APAR OW25634
				End of Comment	
		...1		MODOTS	"X'10'" PSO request for SYSOUT
				Comment	

					MODWQE is associated with DSTOUTPT and DSTSAPI
					processing but not used in SSISERV processing.

				End of Comment	
		1111 1111		MODWQE	"X'FF'" PSO/SAPI wait queue entry
		1		MODR1	"X'01'" DEST TO IATMSR1
		.... ..1.		MODR2	"X'02'" DEST TO IATMSR2
		11		MODR3	"X'03'" DEST TO IATMSR3
		.... .1..		MODDSC	"X'04'" RESET LOCAL CONNECTED

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		1		MODSASUS	"X'01'" SUSPEND-SA SHORTAGE
		.... ..1.		MODSARES	"X'02'" RESUME-SA SHORTAGE RELIEVED

Comment

```
-----------------------------------------------------------------
          DEFINITION OF DEST Q-ENTRY FLAG
-----------------------------------------------------------------
```

End of Comment

		.1..	DSTACT	"X'40'" THIS Q-ENTRY IS ACTIVE
		...1	DSTMDSQ	"X'10'" THIS Q-ENTRY IS AN MDSQ

IATYDST Cross Reference

Name	Hex Offset	Hex Value
DSTACT	0	40
DSTBDT	0	3E
DSTBSHTL	0	3F
DSTCDOM	0	88
DSTCIDRV	0	99
DSTCNECT	0	91
DSTCWTO	0	87
DSTC34	0	86
DSTDYDDN	0	97
DSTDYNAL	0	95
DSTDYNUN	0	96
DSTENDR	0	8D
DSTENST	0	9E
DSTFFAIL	0	9B
DSTFSS	0	98
DSTGMS	0	81
DSTIOERR	0	9A
DSTIQDR	0	8F
DSTJDSE	0	84
DSTJMSG	0	A0
DSTLAST	0	FF
DSTLOC	0	83
DSTMDDR	0	8E
DSTMDSQ	0	10
DSTMSS	0	93
DSTMSV	0	80
DSTMVRES	0	89
DSTNOP	0	92
DSTOUTPT	0	90
DSTRSVLF	0	60
DSTRSVST	0	9C
DSTSAPI	0	9D
DSTSSQ1	0	8B
DSTSSQ2	0	8C
DSTSTAR	0	94
DSTUTRK	0	85
DSTVER	0	82
DSTWLM	0	9F
DSTWTD	0	8A
MODCNID	0	D6
MODCTS	0	40
MODDSC	0	4
MODENST	0	80
MODETS	0	20
MODGBL35	0	3
MODINTCM	0	10
MODJESDM	0	1
MODJLSPN	0	D5
MODJMF	0	D1
MODLCL35	0	2
MODMSGR	0	D4
MODNOJLG	0	D3
MODOTS	0	10
MODRSYS	0	80
MODRUN	0	D9
MODRWQE	0	40
MODR1	0	1
MODR2	0	2
MODR3	0	3
MODSARES	0	2
MODSASUS	0	1
MODSRVCL	0	E2
MODSTS	0	80
MODSVC34	0	0
MODS34R	0	1
MODS34T	0	3
MODS34TA	0	4
MODVSCUR	0	2
MODVSDOM	0	0
MODVTS	0	20
MODWQE	0	FF
MODWTL	0	1
MODXMOD	0	E7

IATYDTR Heading Information

Common Name: DLOG Trace Table Header and Entry
Macro ID: IATYDTR
DSECT Name: DTRSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: DTR
Offset: 0
Length: 4
Storage Attributes: Main Storage: Any
Subpool: 241
Key: 1
Size: DTRHSIZE for DSECT DTRHEADR
DTRFSIZE for DSECT DTRENTRY
DTREVSIZ for DSECT DTREVDAT
Created by: IATXDLTR macro
Pointed to by: DLGTRACE in IATYDLOG
DTRCURR in IATYDTR
DTRNEXT in IATYDTR
Serialization: NONE
Function: This macro maps the DLOG trace table header and entries.

IATYDTR Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DTRHEADR	, DLOG Trace Table Header
0	(0)	CHARACTER	4	DTRID	Control block id
0	(0)	X'F1'	0	DTRSPOOL	"241" Trace table subpool
4	(4)	ADDRESS	4	DTRSSVT	SSVT address

Comment

Trace table control information.

End of Comment

8	(8)	ADDRESS	4	DTRCURR	Current trace table entry. That is, the last one that was created (set to zero initially)
12	(C)	ADDRESS	4	DTRNEXT	Next trace table entry to be used
16	(10)	ADDRESS	4	DTRTBEND	End of trace table address (contains address of byte after the end of the trace table storage)
20	(14)	SIGNED	4	DTRMISS	Number of trace misses (updated via compare and swap)
24	(18)	BITSTRING	1	DTRLOCK	Trace table lock (via test and set)
25	(19)	BITSTRING	3	DTRRSVDD	Reserved for development

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- IATXTRC Work Area. This work area contains a copy of the trace entry for the IATXTRC macro. Enough space is reserved for the largest possible trace entry. This is necessary since the IATXTRC macro does not support a variable length being specified on the macro call. ----------
					End of Comment
28	(1C)	BITSTRING	1	DTRXTCWK	IATXTRC Work Area
28	(1C)	X'1B'	0	DTRXTCSZ	"L'DTRXTCWK/4" Size of work area in words
					Comment
					---------- Address of DLOG Trace routine (IATCNDTR). ----------
					End of Comment
140	(8C)	ADDRESS	4	DTRCNDTR	Address of DLOG Trace routine (IATCNDTR)
144	(90)	DBL WORD	8	DTRHEND (0)	End of trace table header
144	(90)	X'90'	0	DTRHSIZE	"DTRHEND-DTRHEADR" Size of trace table header
					Comment
					---------- Start of DLOG trace table. Each entry is mapped by DSECT DTRENTRY. ----------
					End of Comment
144	(90)	DBL WORD	8	DTRTRACE (0)	Start of trace table

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DTRENTRY	, DLOG Trace Table Entry
					Comment
					---------- Control information. ----------
					End of Comment
0	(0)	SIGNED	2	DTRPREV	Offset of the previous trace entry from the start of the trace table header
2	(2)	SIGNED	2	DTRLEN	Length of this trace table entry
					Comment
					---------- Data Common to All Entries. ----------
					End of Comment
4	(4)	SIGNED	4	DTRCDATA (0)	Start of Common Data
4	(4)	CHARACTER	8	DTRFUNC	Function in control
12	(C)	CHARACTER	8	DTREVENT	Event identifiers

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
20	(14)	BITSTRING	8	DTRTIME	Time stamp from STCK
28	(1C)	ADDRESS	4	DTRFCT	FCT address if running under the JES3 nuc task
32	(20)	ADDRESS	4	DTRTCB	TCB address
36	(24)	SIGNED	2	DTRASID	Address space id
38	(26)	BITSTRING	4	DTRDFLGS	DLOG flags (from DLGFLAGS)
42	(2A)	SIGNED	2	DTRRSVD1	Reserved for development

Comment

End of fixed trace table entry.

End of Comment

44	(2C)	SIGNED	4	DTRFEND (0)	End of fixed entry
44	(2C)	X'2C'	0	DTRFSIZE	"DTRFEND-DTRENTRY" Size of fixed entry

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DTREVDAT	, Event Specific Data

Comment

EVENT=SYSMEMEV Specific Data.

End of Comment

0	(0)	ADDRESS	4	DTRSMMPC	MPC address
4	(4)	BITSTRING	4	DTRGEFLG	Flags from GEPLFLGS - contains event type, old and new member states etc.
8	(8)	BITSTRING	8	DTRGETIM	XCF Time stamp associated with the event
16	(10)	BITSTRING	32	DTRUSTAT	User state value
16	(10)	X'30'	0	DTRSMESZ	"*-DTREVDAT" Size of event data

Comment

EVENT=JESXCFEV Specific Data.

End of Comment

0	(0)	BITSTRING	1	DTRJXTYP	Event type from YIXJE_TYPE
1	(1)	BITSTRING	3	DTRJXCRS	Reserved for development
1	(1)	X'4'	0	DTRJXCSZ	"*-DTREVDAT" Size of event data

Comment

EVENT=INFOMSG Specific Data.

End of Comment

0	(0)	BITSTRING	1	DTRMSTAT	Member status from YIXIF_MEMBER_STATUS
1	(1)	BITSTRING	3	DTRINFRS	Reserved for development
1	(1)	X'4'	0	DTRINFSZ	"*-DTREVDAT" Size of event data

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
Comment					
EVENT=WTLSUSPD Specific Data.					
End of Comment					
0	(0)	SIGNED	4	DTRWTLRC	WTL return code
4	(4)	SIGNED	4	DTRWTLRS	WTL reason code
8	(8)	ADDRESS	4	DTRSUMSG	Address of message pointer cell involved in the suspend request
12	(C)	ADDRESS	4	DTRSUMDB	Address of MDB involved in the suspend request
16	(10)	SIGNED	4	DTRSUMAL	ALET of MDB involved in the suspend request
16	(10)	X'14'	0	DTRSUSSZ	"*-DTREVDAT" Size of event data
Comment					
EVENT=WTLRESUM Specific Data.					
End of Comment					
0	(0)	ADDRESS	4	DTRRSMSG	Address of message pointer cell involved in the resume request
4	(4)	ADDRESS	4	DTRRSMDB	Address of MDB involved in the resume request
8	(8)	SIGNED	4	DTRRSMAL	ALET of MDB involved in the resume request
8	(8)	X'C'	0	DTRRESSZ	"*-DTREVDAT" Size of event data
Comment					
EVENT=ALERT Specific Data.					
End of Comment					
0	(0)	CHARACTER	8	DTRALTYP	Alert type
8	(8)	BITSTRING	4	DTRALSTA	Alert status information from console status area (MCSCQSTA)
12	(C)	SIGNED	4	DTRALDSA	Number of megabytes allocated for message data space (MCSCSTOR)
16	(10)	SIGNED	4	DTRALDSU	Number of bytes used in message data space (MCSCNUSE)
20	(14)	SIGNED	4	DTRALMXM	Maximum message queue depth from console status area (MCSCPDEP)
24	(18)	SIGNED	4	DTRALTOM	Total message queue depth from console status area (MCSCTDEP)
28	(1C)	SIGNED	4	DTRALDOM	DOM id for message that was issued or deleted
28	(1C)	X'20'	0	DTRALRSZ	"*-DTREVDAT" Size of event data
Comment					
EVENT=ALERTEND Specific Data.					
End of Comment					
0	(0)	CHARACTER	8	DTRAETYP	Alert end type
8	(8)	BITSTRING	4	DTRAESTA	Alert status information from console status area (MCSCQSTA)
12	(C)	SIGNED	4	DTRAEDSA	Number of megabytes allocated for message data space (MCSCSTOR)
16	(10)	SIGNED	4	DTRAEDSU	Number of bytes used in message data space (MCSCNUSE)
20	(14)	SIGNED	4	DTRAEMXM	Maximum message queue depth from console status area (MCSCPDEP)
24	(18)	SIGNED	4	DTRAETOM	Total message queue depth from console status area (MCSCTDEP)
28	(1C)	SIGNED	4	DTRAEMRC	MCSOPMSG RESUME return code if MCSOPMSG was issued

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
32	(20)	SIGNED	4	DTRAEMRS	MCSOPMSG RESUME reason code if MCSOPMSG was issued
32	(20)	X'24'	0	DTRAENSZ	"*-DTREVDAT" Size of event data

Comment

Event Specific Data for CALLER=RESMGR
related events.

End of Comment

0	(0)	CHARACTER	4	DTRRMTYP	RESMGR type (TASK or ADDR)
4	(4)	BITSTRING	1	DTRRMFLG	RESMGR flags from field RMPLFLG1 in IHARMPL)
5	(5)	BITSTRING	3	DTRRMRSV	Reserved for development
5	(5)	X'8'	0	DTRRMGSZ	"*-DTREVDAT" Size of event data

Comment

Max size of event specific data.

End of Comment

64	(40)	X'40'	0	DTREVSIZ	"*-DTREVDAT" Max size of event data

Comment

Trace Table Related Equates.

End of Comment

64	(40)	X'6C'	0	DTRMAXSZ	"DTRFSIZE+DTREVSIZ" Max trace table entry size
64	(40)	X'20'	0	DTRCOUNT	"32" Number of entries in trace table
64	(40)	X'D80'	0	DTRTOTSZ	"DTRMAXSZ*DTRCOUNT" Total size of trace table entries

Comment

Function codes used by the IATXDLTR macro.

End of Comment

64	(40)	X'1'	0	DTRTRINT	"1" FUNC=INIT specified
64	(40)	X'2'	0	DTRTRTRC	"2" FUNC=TRACE specified
64	(40)	X'2'	0	DTRTRFMX	"2" Maximum function code

IATYDTR Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
DTRAEDSA	C	0	DTRASID	24	0
DTRAEDSU	10	0	DTRCDATA	4	
DTRAEMRC	1C	0	DTRCNDTR	8C	
DTRAEMRS	20	0	DTRCOUNT	40	20
DTRAEMXM	14	0	DTRCURR	8	
DTRAENSZ	20	24	DTRDFLGS	26	0
DTRAESTA	8	0	DTRENTRY	0	
DTRAETOM	18	0	DTREVDAT	0	
DTRAETYP	0	40404040	DTREVENT	C	40404040
DTRALDOM	1C	0	DTREVSIZ	40	40
DTRALDSA	C	0	DTRFCT	1C	
DTRALDSU	10	0	DTRFEND	2C	
DTRALMXM	14	0	DTRFSIZE	2C	2C
DTRALRSZ	1C	20	DTRFUNC	4	40404040
DTRALSTA	8	0	DTRGEFLG	4	0
DTRALTOM	18	0	DTRGETIM	8	0
DTRALTYP	0	40404040	DTRHEADR	0	

IATYDTR Cross Reference

Name	Hex Offset	Hex Value
DTRHEND	90	
DTRHSIZE	90	90
DTRID	0	C4E3D940
DTRINFRS	1	0
DTRINFSZ	1	4
DTRJXCRS	1	0
DTRJXCSZ	1	4
DTRJXTYP	0	0
DTRLEN	2	0
DTRLOCK	18	0
DTRMAXSZ	40	6C
DTRMISS	14	0
DTRMSTAT	0	0
DTRNEXT	C	
DTRPREV	0	0
DTRRESSZ	8	C
DTRRMFLG	4	0
DTRRMGSZ	5	8
DTRRMRSV	5	0
DTRRMTYP	0	40404040
DTRRSMAL	8	0
DTRRSMDB	4	
DTRRSMSG	0	
DTRRSVDD	19	0
DTRRSVD1	2A	0
DTRSMESZ	10	30
DTRSMMPC	0	
DTRSPOOL	0	F1
DTRSSVT	4	
DTRSUMAL	10	0
DTRSUMDB	C	
DTRSUMSG	8	
DTRSUSSZ	10	14
DTRTBEND	10	
DTRTCB	20	
DTRTIME	14	0
DTRTOTSZ	40	D80
DTRTRACE	90	
DTRTRFMX	40	2
DTRTRINT	40	1
DTRTRTRC	40	2
DTRUSTAT	10	0
DTRWTLRC	0	0
DTRWTLRS	4	0
DTRXTCSZ	1C	1B
DTRXTCWK	1C	0

IATYDUL Heading Information

Common Name: MAPPING FOR THE DUMP LIST AND ITS ENTRIES
Macro ID: IATYDUL
DSECT Name: DULSTART, DULENTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: DUL
Offset: 0
Length: 4
Storage Attributes: Main Storage: SUBPOOL 231
Auxiliary Storage: N/A
Size: 816 Bytes
Created by: IATGRSQ
Pointed to by: SVTDULST IN IATYSVT
Serialization: DULFLAG1 must be tested against DULCOMPL before being used. If this bit is set, dump list is available for use.
Function: Contains the beginning and ending addresses of JES3 storage areas that reside in CSA, created in a form suitable for use by SDUMP.

IATYDUL Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	DULSTART	
0	(0)	CHARACTER	4	DULID	CONTROL BLOCK ID
4	(4)	ADDRESS	4	DULLAST	ADDRESS OF LAST ENTRY IN USE
8	(8)	ADDRESS	4	DULLEND	ADDRESS OF THE LAST POSSIBLE ENTRY IN THE DUMP LIST
12	(C)	BITSTRING	1	DULFLAG1	FLAG FOR SERIALIZATION
13	(D)	BITSTRING	1	(3)	RESERVED
		1...		DULCOMPL	"X'80'" DUMP LIST AVAILABLE FOR USE
13	(D)	X'10'	0	DULHSIZE	"*-DULSTART" SIZE OF DUMP LIST HEADER
13	(D)	X'64'	0	DULNUM	"100" NUMBER OF DUMP LIST ENTRIES
16	(10)	BITSTRING	1	DULENTS	DUMP LIST ENTRIES
16	(10)	X'330'	0	DULSIZE	"*-DULSTART" SIZE OF THE DUMP LIST

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	DULENTRY	
0	(0)	ADDRESS	4	DULEBEGN	ADDRESS OF START OF STORAGE TO BE DUMPED
4	(4)	ADDRESS	4	DULEEND	ADDRESS OF END OF STORAGE TO BE DUMPED
4	(4)	X'4'	0	DULEFLG	"DULEEND,1" FLAG TO INDICATE THE LAST ENTRY IN THE DUMP LIST
		1...		DULELAST	"X'80'" HI-ORDER BIT OF DULEEND INDICATES LAST ENTRY
4	(4)	X'8'	0	DULESIZE	"*-DULENTRY" SIZE OF A DUMP LIST ENTRY

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IATYDUL Cross Reference

Name	Hex Offset	Hex Value
DULCOMPL	D	80
DULEBEGN	0	
DULEEND	4	
DULEFLG	4	4
DULELAST	4	80
DULENTRY	0	
DULENTS	10	
DULESIZE	4	8
DULFLAG1	C	
DULHSIZE	D	10
DULID	0	C4E4D340
DULLAST	4	
DULLEND	8	
DULNUM	D	64
DULSIZE	10	330
DULSTART	0	

IATYDUM Programming Interface information

Programming Interface information

IATYDUM

End of Programming Interface information

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IATYDUM Heading Information

Common Name: USER COMPLETION CODES ISSUED BY JES3 IN OS ABENDS
Macro ID: IATYDUM
DSECT Name: None
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: N/A
Virtual Storage: N/A
Auxiliary Storage: N/A
Subpool: N/A
Key: N/A
Data Space: N/A
Residency: N/A
Size: N/A
Created by: N/A
Pointed to by: N/A
Serialization: N/A
Function: EQU statements make the symbols of ABEND numbers more meaningful.

IATYDUM Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	X'0'	0	DUMP000	"0" IATINIC- NEEDED DATA SET DID NOT OPEN
0	(0)	X'1'	0	DUMP001	"1" IATINIC,INCD- FATAL ERROR IN INIT DECK
0	(0)	X'2'	0	DUMP002	"2" IATINRN- GETMAIN FAILURE IN INITIALIZATION
0	(0)	X'3'	0	DUMP003	"3" IATINGN- SPOOL/CHKPNT DATA SETS NO MATCH
0	(0)	X'4'	0	DUMP004	"4" IATINJB- FATAL ERROR IN INIT DECK ANALYSIS
0	(0)	X'5'	0	DUMP005	"5" IATINRN- DUMP ON INTDEBUG TEXT MATCH
0	(0)	X'6'	0	DUMP006	"6" IATINAL- ERROR IN CHECKPOINTED STT JBTAT
0	(0)	X'7'	0	DUMP007	"7" IATINIT- ESTAE FAILURE, R7=ESTAE RTRN CODE
0	(0)	X'8'	0	DUMP008	"8" IATCNIN- OPERATOR-INITIATED VIA *DUMP
0	(0)	X'9'	0	DUMP009	"9" IATCNIN- OPERATOR-INITIATED VIA *RETURN
0	(0)	X'A'	0	DUMP010	"10" IATIN - INISH TERMINATED - 2FB/NODUMP
0	(0)	X'B'	0	DUMP011	"11" IATINSD/IATINSE/IATINSP/IATINSR/IATINST - SPOOL CHECKPOINT ERROR
0	(0)	X'C'	0	DUMP012	"12" IATINJQ/IATINJR/IATINSD/IATINSP/IATINSR - ERROR IN SPOOL CKPNT VALIDATION
0	(0)	X'D'	0	DUMP013	"13" IATINM4- INVL CSA ON RESTRT (MSGIAT3417)
0	(0)	X'E'	0	DUMP014	"14" IATSSJS- ERROR IN JSERV STAGING AREA
0	(0)	X'F'	0	DUMP015	"15" IATINSD- THE IATYIOP IS INVALID.
0	(0)	X'10'	0	DUMP016	"16" IATINM3- INVALID JES3 AUX ADDR SPACE INIT
0	(0)	X'11'	0	DUMP017	"17" IATINRT- INITIALIZATION FILE(S) UNAVAILABLE
0	(0)	X'12'	0	DUMP018	"18" IATINWS-ERROR BUILDING WSB
0	(0)	X'13'	0	DUMP019	"19" IATINIC- INISH deck mismatch between global and local 2
0	(0)	X'14'	0	DUMP020	"20" IATINDVS - Internal error in the IATXIDVS service
0	(0)	X'15'	0	DUMP021	"21" IATINIO- IATXBPL failed for FD cell pool 0008
0	(0)	X'16'	0	DUMP022	"22" IATDMVR- SPOOL FORMATTING ERROR RETRY FAILURE
0	(0)	X'17'	0	DUMP023	"23" IATINJB- CHECKPOINT DATASET RESERVE FAILED
0	(0)	X'18'	0	DUMP024	"24" IATINC2- CELL POOL BUILD ERROR
0	(0)	X'19'	0	DUMP025	"25" IATINJQ- While building the job queue at initialization, errors were discovered as a result of which the operator was given a choice to continue or cancel, and replied to cancel; or function was detected to have been in use on a higher JES3 release that is not compatible with this release and no toleration is possible.

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	X'1A'	0	DUMP026	"26" IATINMPC- MAINPROC validation error during a hot start with refresh
0	(0)	X'1C'	0	DUMP028	"28" IATISFR- CANT REBUILD FRP CHAIN AFTR IO ER
0	(0)	X'1E'	0	DUMP030	"30" IATISDV -INVALID JDS CONSTRUCTION
0	(0)	X'1F'	0	DUMP031	"31" IATGRRQ - INVAL NAME GIVEN RES MGMT
0	(0)	X'20'	0	DUMP032	"32" IATAUX - UNABLE TO CREATE AUX TASK ESTAES
0	(0)	X'21'	0	DUMP033	"33" IATABMN - RETRY DSP AFTER IATAUX ABEND
0	(0)	X'22'	0	DUMP034	"34" IATINJV/IATINLG - UNRECOVERABLE INIT. JOB VALIDATION ERROR
0	(0)	X'23'	0	DUMP035	"35" IATDMJV/IATINJV - IATXVMSG/IATXVSRE PARAMETER ERROR
0	(0)	X'24'	0	DUMP036	"36" IATDMJV - IATXVSRV PARAMETER ERROR
0	(0)	X'25'	0	DUMP037	"37" IATDMVIO - IATXVIO related error
0	(0)	X'28'	0	DUMP040	"40" IATGRPR-INVALID SIZE IN IATXPRT
0	(0)	X'2D'	0	DUMP045	"45" IATGRRQ- RES QUEUE MANAGEMENT ERRORS
0	(0)	X'2E'	0	DUMP046	"46" IATGRJA- JDS ACCESS VIA CSBT FAILED
0	(0)	X'2F'	0	DUMP047	"47" IATGRJA- INACCESSIBLE JCT FOR UPDATE
0	(0)	X'30'	0	DUMP048	"48" IATGRJM- JESMSG JDS ACCESS ERRORS
0	(0)	X'31'	0	DUMP049	"49" IATGRG1- XPRT ISSUED WITHOUT TYPE=OPEN
0	(0)	X'32'	0	DUMP050	"50" IATGRTM- ERROR PROCESSING AN ATIME REQUEST
0	(0)	X'33'	0	DUMP051	"51" IATGRJR- RTN TO IATGRJR WITH OUTSTANDING SAVEAREAS
0	(0)	X'34'	0	DUMP052	"52" IATGRWQ/IATGRWP - INVALID IATUX30 RETURN
0	(0)	X'35'	0	DUMP053	"53" IATGRTM- ERROR WHILE TIMER FCT WAS PROCESSING EXPIRED ATIME REQUEST
0	(0)	X'36'	0	DUMP054	"54" IATGRG1- IATXJLOK DETECTED A LOCK ERROR
0	(0)	X'37'	0	DUMP055	"55" IATINDEV-Error during IATXSYSU processing
0	(0)	X'3C'	0	DUMP060	"60" IATGRCK- CHECKPOINT ACCESS VIOLATION
0	(0)	X'50'	0	DUMP080	"80" IATGRLD- CANNOT LOAD MODULE
0	(0)	X'51'	0	DUMP081	"81" IATGRLD- UNABLE TO BLDL FOR MODULE'S SIZE
0	(0)	X'52'	0	DUMP082	"82" IATGRLD- JDE NOT FOUND ON DELETE
0	(0)	X'53'	0	DUMP083	"83" IATGRLD- UNABLE TO GETMAIN FOR MODULE
0	(0)	X'54'	0	DUMP084	"84" IATGRLD- DELETE SYNCHRONIZATION ERROR
0	(0)	X'55'	0	DUMP085	"85" IATGROP-JESOPEN ISSUED FOR SNA DEVICE
0	(0)	X'56'	0	DUMP086	"86" IATGRLD- INVALID DELETE REQUEST
0	(0)	X'59'	0	DUMP089	"89" IATOSWC- CANNOT FIND SE IN IATYJDA
0	(0)	X'5A'	0	DUMP090	"90" IATGRLG- CANNOT FIND SE IN IATYJDA FOR LOGOUT
0	(0)	X'5B'	0	DUMP091	"91" IATGRLG- FUNCTION IS NOT LOGGED IN - CANNOT LOGOUT
0	(0)	X'5C'	0	DUMP092	"92" IATGRLG- FCTRQAD ZERO ON LOGOUT #0514
0	(0)	X'62'	0	DUMP098	"98" Any DSP- Error in DSPSERV for a data space
0	(0)	X'63'	0	DUMP099	"99" Any DSP- Error in ALESERV for a data space
0	(0)	X'64'	0	DUMP100	"100" ANYDSP - AN ERROR CONDITION HAS BEEN #2369 DETECTED WHICH SHOULD NOT OCCUR #2369
0	(0)	X'65'	0	DUMP101	"101" ANYDSP - BUILD CELLPOOL (IATXBPL) ERROR
0	(0)	X'66'	0	DUMP102	"102" ANYDSP - GET CELL (IATXGCL) ERROR
0	(0)	X'67'	0	DUMP103	"103" ANYDSP - FREE CELL (IATXRCL) ERROR
0	(0)	X'69'	0	DUMP105	"105" ANYDSP - ERROR PROCESSING IATXCNS MACRO
0	(0)	X'6A'	0	DUMP106	"106" ANYDSP - ERROR RETURN FROM IATXPRMD
0	(0)	X'6B'	0	DUMP107	"107" IATXJMR - ERROR OCCURRED DURING GET/PUT
0	(0)	X'6F'	0	DUMP111	"111" IATLVIN- UNRECOVERABLE ERROR IN JESTAE
0	(0)	X'83'	0	DUMP131	"131" IATCNIN- DSP MESSAGE APPENDAGE ABENDED
0	(0)	X'84'	0	DUMP132	"132" IATCNWO- BAD MESSAGE PARAMETERS
0	(0)	X'85'	0	DUMP133	"133" IATCNIN- DSP TERMINATED VIA OPERATOR FAIL COMMAND 1
0	(0)	X'87'	0	DUMP135	"135" IATCNCN- UNABLE TO ACCESS CONSOLE BUFFER MANAGEMENT CELL POOLS 6
0	(0)	X'8C'	0	DUMP140	"140" IATGRSV- S.A. GETMAIN FAILED
0	(0)	X'8D'	0	DUMP141	"141" IATGRGM- INVALID AGETMAIN REQUEST
0	(0)	X'8E'	0	DUMP142	"142" IATGRGM- APUTMAIN REQUEST NOT DBLEWORD ALIGN
0	(0)	X'8F'	0	DUMP143	"143" IATGRGM- APUTMAIN RESULTED IN FREEMAIN ERR RTN

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	X'90'	0	DUMP144	"144" IATGRGS- INVALID SUBTASK ID OR UNABLE TO ATTACH GENERALIZED SUBTASK
0	(0)	X'91'	0	DUMP145	"145" IATGRGM- APUTMAIN LENGTH/AREA ARE ZERO 0100
0	(0)	X'92'	0	DUMP146	"146" IATGRGS- SUBFUNCTION ABEND
0	(0)	X'93'	0	DUMP147	"147" IATGRGS- SUBTASK CANCELED
0	(0)	X'C8'	0	DUMP200	"200" IATIICC- RAB CREATE OR JDSGET ERROR IATIIDR- RAB DESTROY ERROR
0	(0)	X'C9'	0	DUMP201	"201" IATINAT/IATLVAT/IATMDAT - INVALID ENTRY PARAMETERS
0	(0)	X'CA'	0	DUMP202	"202" IATIICD/IATIIFR/IATIIFS - CI DRIVER FCT RELATED ERROR
0	(0)	X'CB'	0	DUMP203	"203" IATIIOR- IATXCIO UNRECOVERABLE ERROR
0	(0)	X'CC'	0	DUMP204	"204" IATINAT- ALL C/I SUBTASKS HAVE ABENDED
0	(0)	X'CD'	0	DUMP205	"205" IATIIFP- ERROR WHILE PROCESSING PROCLIB ORDERS (FSS ADDRESS SPACE)
0	(0)	X'CE'	0	DUMP206	"206" IATOSPC/IATOSSO/IATOSWS- ERROR IN MOSE/OSS STRUCTURE
0	(0)	X'CF'	0	DUMP207	"207" IATINFC/IATIIFC ERROR DETECTED BY C/I FSS
0	(0)	X'D1'	0	DUMP209	"209" IATIIOS/IATIICM - ERROR RETURN FROM SJF 3106 #0514
0	(0)	X'12C'	0	DUMP300	"300" IATDYDR/IIDS/IIEN - INVALID ELB CONTROL BLOCK
0	(0)	X'12D'	0	DUMP301	"301" IATDYDR- IATXIOX COULD NOT FIND ECF POST
0	(0)	X'12E'	0	DUMP302	"302" IATDYSB- JCT ERROR DURING RECOVERY
0	(0)	X'12F'	0	DUMP303	"303" IATDYDR/DYSB- INVALID DJST CONTROL BLOCK
0	(0)	X'130'	0	DUMP304	"304" IATDYDR- JESMSG ERROR DURING ALLOCATION #0514
0	(0)	X'132'	0	DUMP306	"306" IATDYSB- ILLEGAL USE/ALLOCATION PARAMETER
0	(0)	X'133'	0	DUMP307	"307" IATDYSB- USE/ALLOCATION COUNT ERROR RESERVED FOR DEVELOPMENT RESERVED FOR DEVELOPMENT
0	(0)	X'190'	0	DUMP400	"400" IATMD - JESMSG ERROR FOR JOB Y02BL08
0	(0)	X'1A4'	0	DUMP420	"420" MDSSRS FCT FAILURE
0	(0)	X'1C2'	0	DUMP450	"450" IATMD - MDS INVALID CONTROL BLOCK
0	(0)	X'1C3'	0	DUMP451	"451" MDS- ERROR DURING HARD ALLOCATE
0	(0)	X'1C4'	0	DUMP452	"452" MDS- RECEIVED ERROR RETURN FROM NON-MDS MACRO
0	(0)	X'1C7'	0	DUMP455	"455" IATMD - EARLY VOL RELEASE ERROR
0	(0)	X'1CC'	0	DUMP460	"460" IATMDMS - ERROR DURING MSVC VOLUME SELECT
0	(0)	X'1E0'	0	DUMP480	"480" IATMDSB- SETDSN ENTRY DELETE ERROR
0	(0)	X'1E1'	0	DUMP481	"481" IATMDSB- SETVLM ENTRY DELETE ERROR
0	(0)	X'1F4'	0	DUMP500	"500" IATRJM3- DOUBLE STARTIO ATTEMPTED BY BSC RJP WITHOUT AN INTERVENING CHANNEL END
0	(0)	X'212'	0	DUMP530	"530" IATNTNR-INVALID RECORD FOUND IN INBOUND STREAM
0	(0)	X'213'	0	DUMP531	"531" IATNTRS- INVALID DATA IN NETWORK STREAM 0174
0	(0)	X'214'	0	DUMP532	"532" IATNTSD- ERROR IN NETWORK STREAM
0	(0)	X'215'	0	DUMP533	"533" IATNTJS - COMMUNICATION ERROR BETWEEN 0562 THE NJE RECEIVER (IATNTJS) AND THE 0562 ASYNCHRONOUS SECURITY SUBTASK (IATGRSS) 0562 #0514
0	(0)	X'216'	0	DUMP534	"534" IATNTNR- NJERDR WSP NOT FOUND ON WRITER WAIT QUEUE.
0	(0)	X'226'	0	DUMP550	"550" IATSNLD - DSP WAS FAILED BY THE SNARJP TERMINATION ROUTINE BECAUSE IT HAD A WORKSTATION DEVICE ALLOCATED AT THE TIME SNARJP WAS BEING TERMINATED.
0	(0)	X'227'	0	DUMP551	"551" AN ATTEMPT HAS BEEN MADE TO USE AN ACTIVE RPL
0	(0)	X'228'	0	DUMP552	"552" IATSNLK - A REQUEST WAS MADE TO THE SNARJP LCB USE COUNT MANAGER TO INC/DECREMENT THE USE COUNT, THE REQUEST FAILED
0	(0)	X'229'	0	DUMP553	"553" A REQUEST WAS MADE TO THE SNARJP TERM. STATUS MANAGER TO MODIFY/TEST THE SNARJP TERMINATION STATE MAPPINGS, THE REQUEST FAILED.

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	X'22A'	0	DUMP554	"554" IATSNLK - A REQUEST WAS MADE TO THE SNARJP LCB USE COUNT MANAGER TO DECREMENT THE USE COUNT, BUT THE USE COUNT HAD NOT BEEN INCREMENTED. (DOUBLE DECREMENT)
0	(0)	X'22B'	0	DUMP555	"555" IATSNLC - DSP FAILED BY SNARJP CANCEL IMMEDIATE PROCESSING. A WORKSTATION IS IN PROCESS OF BEING TERMINATED IMMEDIATELY AND THE DSP CURRENTLY HAS ONE OF THE WORKSTATION'S DEVICES ALLOCATED
0	(0)	X'22C'	0	DUMP556	"556" IATNTHT - INVALID LENGTH RETRIVED FROM SPOOL WHEN TRYING TO REBUILD THE JOB HEADER OR JOB TRAILER
0	(0)	X'258'	0	DUMP600	"600" IATMSMS-INVALID GMS CONTROL BLOCK
0	(0)	X'262'	0	DUMP610	"610" IATUTIS-UNEXPECTED NON-MATCH OF PROCESSORS
0	(0)	X'28F'	0	DUMP655	"655" IATOSFP- PDQ MANAGER ENCOUNTERED ERROR
0	(0)	X'290'	0	DUMP656	"656" IATOSFD- FSS WTR DSP ENCOUNTERED ERROR
0	(0)	X'291'	0	DUMP657	"657" IATOSRS- OSR GET/FREE CELL ERROR
0	(0)	X'294'	0	DUMP660	"660" IATGRFC- FSS CONTROLLER DSP ENCOUNTERED ERR
0	(0)	X'29E'	0	DUMP670	"670" IATOSGR- Error processing SWBTUs
0	(0)	X'29F'	0	DUMP671	"671" IATOSGR- Error during IATXSWBU processing
0	(0)	X'2A0'	0	DUMP672	"672" IATOSDO- Error processing OUTPUT references
0	(0)	X'2BC'	0	DUMP700	"700" IATDMNC- FDB ALREADY IN FD ON AOPEN. 1101474
0	(0)	X'2BD'	0	DUMP701	"701" IATDMDT/IATDMNC/IATOSSI- FDB NOT IN FD FOR INPUT MRF.
0	(0)	X'2BE'	0	DUMP702	"702" IATDMDT/IATDMNC/IATOSSI- INPUT MRF TERMINATED WITHOUT EOD.
0	(0)	X'2BF'	0	DUMP703	"703" IATDMNC- BAD BUFFER ADDRESS ON AWRITE.
0	(0)	X'2C0'	0	DUMP704	"704" IATDMNC/IATOSSI- BAD TRACK ADDRESS ON JESREAD.
0	(0)	X'2C1'	0	DUMP705	"705" IATDMNC- BAD BUFFER ADDRESS ON APUTBUF. 1101474
0	(0)	X'2C2'	0	DUMP706	"706" IATDMNC- FDB NOT IN FD ON ACLOSE. 1101474
0	(0)	X'2C3'	0	DUMP707	"707" RESERVED FOR DEVELOPMENT
0	(0)	X'2C4'	0	DUMP708	"708" IATDMNC- NO JOB TAT FOR OUTPUT MRF. 1120374
0	(0)	X'2C5'	0	DUMP709	"709" IATDMGB- ERROR ALLOCATING TRACK GROUPS
0	(0)	X'2C6'	0	DUMP710	"710" IATDMTK- DUPLICATE TRACK ON APURGE.
0	(0)	X'2C7'	0	DUMP711	"711" IATDMDT- FILE CLOSED FOR INPUT/OUTPUT MRF. 1121074
0	(0)	X'2C8'	0	DUMP712	"712" IATDMDT- COUNT TOO LARGE ON ABLOCK/ALOCATE
0	(0)	X'2C9'	0	DUMP713	"713" IATDMTK- ILLEGAL FDB ON ATRACK/APURGE.
0	(0)	X'2CA'	0	DUMP714	"714" IATDMST- SPOOL ADDRESS NOT IN STT ON APURGE.
0	(0)	X'2CB'	0	DUMP715	"715" IATDMDT- FILE ALREADY OPEN ON AOPEND.
0	(0)	X'2CC'	0	DUMP716	"716" IATDMDT- NO EOD IN LAST BUFFER ON AOPEND.
0	(0)	X'2CD'	0	DUMP717	"717" IATDMDT- TWO ALOCATES WITHOUT AN ABLOCK.
0	(0)	X'2CE'	0	DUMP718	"718" IATDMDT- ABLOCK WITHOUT A PRIOR ALOCATE. 1101474
0	(0)	X'2CF'	0	DUMP719	"719" IATOSSI- VALIDS NOT MATCH FOR INPUT MRF (RECOVERABLE).
0	(0)	X'2D0'	0	DUMP720	"720" IATDMDT- OUTPUT MRF REQUEST ON ABACKR. 1121074
0	(0)	X'2D1'	0	DUMP721	"721" IATDMDT/IATDMNC/IATOSSI- BAD TRACK ADDRESS ON DISK I/O.
0	(0)	X'2D2'	0	DUMP722	"722" IATDMNC/IATOSSI- VALIDS NOT MATCH FOR INPUT MRF (UNRECOVERABLE).
0	(0)	X'2D3'	0	DUMP723	"723" IATDMNC- BAD BUFFER ADDRESS ON ARELEASE.
0	(0)	X'2D4'	0	DUMP724	"724" IATDMDT/IATDMNC/IATINRN/IATOSSI- RECOVERED I/O ERROR.
0	(0)	X'2D5'	0	DUMP725	"725" IATDMDT/IATDMNC/IATOSSI- UNRECOVERABLE I/O ERROR.
0	(0)	X'2D6'	0	DUMP726	"726" IATDMDT/IATDMNC- AWAIT ON SRF INVALID FOR INITIALIZATION.

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	X'2D7'	0	DUMP727	"727" IATDMST - INVALID SINGLE TRACK TABLE.
0	(0)	X'2D8'	0	DUMP728	"728" IATDMNC - OUT OF SPOOL SPACE CONDITION IN INITIALIZATION.
0	(0)	X'2D9'	0	DUMP729	"729" IATDMDT/IATDMNC - SPOOL SPACE COULD NOT BE ALLOCATED TO A MRF OR NEW SRF DUE TO A JOB/DATASET TAT ERROR.
0	(0)	X'2DA'	0	DUMP730	"730" RESERVED FOR DEVELOPMENT
0	(0)	X'2DB'	0	DUMP731	"731" IATOSSI- BAD DATCC ON APOINT.
0	(0)	X'2DC'	0	DUMP732	"732" IATOSWP - PPQ MANAGER ENCOUNTERED ERROR
0	(0)	X'2DD'	0	DUMP733	"733" IATDMDK- ERROR RETURN FROM MODULE IATDMXM
0	(0)	X'2DE'	0	DUMP734	"734" IATOSDR- QUICKCALL FAILURE AND ALL OF OUTPUT SERVICE DIES
0	(0)	X'2DF'	0	DUMP735	"735" IATOSSI- QUICKCELL FAILURE WTR DIES
0	(0)	X'2E0'	0	DUMP736	"736" INCORRECT USE OF CSBT AND/OR RCE
0	(0)	X'2E1'	0	DUMP737	"737" IATDMNC- JSAM O/P REQ FROM OTHER THAN GLOBAL.
0	(0)	X'2E2'	0	DUMP738	"738" IATDMTA (DMTALLOC) - GET CELL FAILURE.
0	(0)	X'2E3'	0	DUMP739	"739" IATDMTA (FCT) - CELL POOL FAILURE.
0	(0)	X'2E4'	0	DUMP740	"740" IATDMTA (FCT) - INVALID RRE.
0	(0)	X'2E5'	0	DUMP741	"741" IATDMCS - CSS FAILED VALIDATION
0	(0)	X'2E6'	0	DUMP742	"742" IATDMTK - INVALID JOB/DATASET TAT.
0	(0)	X'2E7'	0	DUMP743	"743" IATDMTK - INVALID X.G IN JOB/DATASET TAT.
0	(0)	X'2E8'	0	DUMP744	"744" IATDMTK - INVALID SPOOL PARTITION.
0	(0)	X'2E9'	0	DUMP745	"745" IATDMTK - INVALID CCHH IN BADTRACK ENTRY.
0	(0)	X'2EA'	0	DUMP746	"746" IATDMGB- INVALID CONTROL BLOCK DURING RRE
0	(0)	X'2EB'	0	DUMP747	"747" IATDMJA- ERROR DETECTED PROCESSING JIB
0	(0)	X'2EC'	0	DUMP748	"748" IATDMDT- ERROR FROM ABACKR
0	(0)	X'2ED'	0	DUMP749	"749" IATDMCS - ERROR TRYING TO GET/RETURN CELL
0	(0)	X'2EE'	0	DUMP750	"750" IATDMER SPOOL I/O ERROR RECOVERY FAILURE
0	(0)	X'2EF'	0	DUMP751	"751" IATOSDR- BAD OSS ADDRESS
0	(0)	X'2F0'	0	DUMP752	"752" IATDMNC - INVALID BUFFER ADDRESS
0	(0)	X'2F1'	0	DUMP753	"753" IATDMTK - ERROR DETECTED IN RAB DESTROY
0	(0)	X'2F2'	0	DUMP754	"754" IATGRRQ - INCORRECT OSS ADDRESS
0	(0)	X'2F3'	0	DUMP755	"755" IATDMGB - NEGATIVE FDB I/O COUNT
0	(0)	X'2F4'	0	DUMP756	"756" IATOSGP - NEGATIVE OSS COUNT VALUE
0	(0)	X'2F5'	0	DUMP757	"757" IATRJPC/IATCNRM Error trying to get/return a cell
0	(0)	X'2F6'	0	DUMP758	"758" IATDMGB - NEGATIVE FD I/O COUNT
0	(0)	X'2F7'	0	DUMP759	"759" ERROR DETECTED IN SUBSYSTEM COMMUNICATIONS
0	(0)	X'2F8'	0	DUMP760	"760" IATDMNC - BAD VALID PASSED TO AWRITE
0	(0)	X'2F9'	0	DUMP761	"761" IATCNRN - ERROR IN MULTI-LINE MESSAGE SERVICE (CNRNMLWO)
0	(0)	X'2FA'	0	DUMP762	"762" IATRJPC - JESXCF returned with OK return code on GETMDB request, but the MDB could not be processed
0	(0)	X'2FB'	0	DUMP763	"763" IATDMNC - Error return from IATXGCL or 0008 IATXRCL 0008
0	(0)	X'2FC'	0	DUMP764	"764" IATOSPC/IATOSSO - Error accessing JDS 0037 for selected OSE 0037
0	(0)	X'320'	0	DUMP800	"800" IATGRJR- ENDING DSP LEFT OPEN FDB.
0	(0)	X'321'	0	DUMP801	"801" ANYDSP UNRECOVERABLE XJQE/XJCT ERROR
0	(0)	X'322'	0	DUMP802	"802" IATGRJS JSS ERROR
0	(0)	X'323'	0	DUMP803	"803" IATGRPJ ARMDRVR error
0	(0)	X'352'	0	DUMP850	"850" IATPURG IATISDL ERROR READING THE DEADLINE QUEUE.
0	(0)	X'353'	0	DUMP851	"851" DEADLINE DSP RECURSIVE ABEND
0	(0)	X'354'	0	DUMP852	"852" UNKNOWN ERROR RETURN FROM IATXERCV MACRO
0	(0)	X'355'	0	DUMP853	"853" IATISJB - UNEXPECTED REJECT FROM SAF CALL
0	(0)	X'356'	0	DUMP854	"854" IATGRPR - REJECTED SAF CALL
0	(0)	X'367'	0	DUMP871	"871" UNKNOWN RETURN/REASON CODE FROM IEFCMAUT 0395
0	(0)	X'368'	0	DUMP872	"872" IATISCD - ERROR CREATING NEW INTRDR JOB
0	(0)	X'3B8'	0	DUMP952	"952" IATDCNC - ERROR ACCESSING NET CONTROL BLOCKS

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	X'3B9'	0	DUMP953	"953" IATDCNC ABEND IN UNRECOVERABLE ERROR RTN
0	(0)	X'3BB'	0	DUMP955	"955" IATUTDD RECURSIVE ABEND
0	(0)	X'3C0'	0	DUMP960	"960" IATDJTR - DUMP JOB TRANSLATION FAILURE
0	(0)	X'3E7'	0	DUMP999	"999" IATMFDR- JMF DSP ENCOUNTERED ERROR #0459

IATYDUM Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
DUMP000	0	0	DUMP086	0	56
DUMP001	0	1	DUMP089	0	59
DUMP002	0	2	DUMP090	0	5A
DUMP003	0	3	DUMP091	0	5B
DUMP004	0	4	DUMP092	0	5C
DUMP005	0	5	DUMP098	0	62
DUMP006	0	6	DUMP099	0	63
DUMP007	0	7	DUMP100	0	64
DUMP008	0	8	DUMP101	0	65
DUMP009	0	9	DUMP102	0	66
DUMP010	0	A	DUMP103	0	67
DUMP011	0	B	DUMP105	0	69
DUMP012	0	C	DUMP106	0	6A
DUMP013	0	D	DUMP107	0	6B
DUMP014	0	E	DUMP111	0	6F
DUMP015	0	F	DUMP131	0	83
DUMP016	0	10	DUMP132	0	84
DUMP017	0	11	DUMP133	0	85
DUMP018	0	12	DUMP135	0	87
DUMP019	0	13	DUMP140	0	8C
DUMP020	0	14	DUMP141	0	8D
DUMP021	0	15	DUMP142	0	8E
DUMP022	0	16	DUMP143	0	8F
DUMP023	0	17	DUMP144	0	90
DUMP024	0	18	DUMP145	0	91
DUMP025	0	19	DUMP146	0	92
DUMP026	0	1A	DUMP147	0	93
DUMP028	0	1C	DUMP200	0	C8
DUMP030	0	1E	DUMP201	0	C9
DUMP031	0	1F	DUMP202	0	CA
DUMP032	0	20	DUMP203	0	CB
DUMP033	0	21	DUMP204	0	CC
DUMP034	0	22	DUMP205	0	CD
DUMP035	0	23	DUMP206	0	CE
DUMP036	0	24	DUMP207	0	CF
DUMP037	0	25	DUMP209	0	D1
DUMP040	0	28	DUMP300	0	12C
DUMP045	0	2D	DUMP301	0	12D
DUMP046	0	2E	DUMP302	0	12E
DUMP047	0	2F	DUMP303	0	12F
DUMP048	0	30	DUMP304	0	130
DUMP049	0	31	DUMP306	0	132
DUMP050	0	32	DUMP307	0	133
DUMP051	0	33	DUMP400	0	190
DUMP052	0	34	DUMP420	0	1A4
DUMP053	0	35	DUMP450	0	1C2
DUMP054	0	36	DUMP451	0	1C3
DUMP055	0	37	DUMP452	0	1C4
DUMP060	0	3C	DUMP455	0	1C7
DUMP080	0	50	DUMP460	0	1CC
DUMP081	0	51	DUMP480	0	1E0
DUMP082	0	52	DUMP481	0	1E1
DUMP083	0	53	DUMP500	0	1F4
DUMP084	0	54	DUMP530	0	212
DUMP085	0	55	DUMP531	0	213

Name	Hex Offset	Hex Value
DUMP532	0	214
DUMP533	0	215
DUMP534	0	216
DUMP550	0	226
DUMP551	0	227
DUMP552	0	228
DUMP553	0	229
DUMP554	0	22A
DUMP555	0	22B
DUMP556	0	22C
DUMP600	0	258
DUMP610	0	262
DUMP655	0	28F
DUMP656	0	290
DUMP657	0	291
DUMP660	0	294
DUMP670	0	29E
DUMP671	0	29F
DUMP672	0	2A0
DUMP700	0	2BC
DUMP701	0	2BD
DUMP702	0	2BE
DUMP703	0	2BF
DUMP704	0	2C0
DUMP705	0	2C1
DUMP706	0	2C2
DUMP707	0	2C3
DUMP708	0	2C4
DUMP709	0	2C5
DUMP710	0	2C6
DUMP711	0	2C7
DUMP712	0	2C8
DUMP713	0	2C9
DUMP714	0	2CA
DUMP715	0	2CB
DUMP716	0	2CC
DUMP717	0	2CD
DUMP718	0	2CE
DUMP719	0	2CF
DUMP720	0	2D0
DUMP721	0	2D1
DUMP722	0	2D2
DUMP723	0	2D3
DUMP724	0	2D4
DUMP725	0	2D5
DUMP726	0	2D6
DUMP727	0	2D7
DUMP728	0	2D8
DUMP729	0	2D9
DUMP730	0	2DA
DUMP731	0	2DB
DUMP732	0	2DC
DUMP733	0	2DD
DUMP734	0	2DE
DUMP735	0	2DF
DUMP736	0	2E0
DUMP737	0	2E1
DUMP738	0	2E2
DUMP739	0	2E3
DUMP740	0	2E4
DUMP741	0	2E5
DUMP742	0	2E6
DUMP743	0	2E7
DUMP744	0	2E8
DUMP745	0	2E9
DUMP746	0	2EA
DUMP747	0	2EB
DUMP748	0	2EC
DUMP749	0	2ED
DUMP750	0	2EE
DUMP751	0	2EF
DUMP752	0	2F0
DUMP753	0	2F1
DUMP754	0	2F2
DUMP755	0	2F3
DUMP756	0	2F4
DUMP757	0	2F5
DUMP758	0	2F6
DUMP759	0	2F7
DUMP760	0	2F8
DUMP761	0	2F9
DUMP762	0	2FA
DUMP763	0	2FB
DUMP764	0	2FC
DUMP800	0	320
DUMP801	0	321
DUMP802	0	322
DUMP803	0	323
DUMP850	0	352
DUMP851	0	353
DUMP852	0	354
DUMP853	0	355
DUMP854	0	356
DUMP871	0	367
DUMP872	0	368
DUMP952	0	3B8
DUMP953	0	3B9
DUMP955	0	3BB
DUMP960	0	3C0
DUMP999	0	3E7

IATYDVDE Heading Information

Common Name: Device Definition Element
Macro ID: IATYDVDE
DSECT Name: DVDSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: DVDE
Offset: 0
Length: 4
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 0
Data Space: JES3INIT
Size: DVDEFXSZ bytes + length of SETUNIT or SUPUNIT
Created by: IATINDVS
Pointed to by:
IDVSFSET in IATYIDVS
IDVSFSUP in IATYIDVS
IDVSLSET in IATYIDVS
IDVSLSUP in IATYIDVS
DVDENEXT in IATYDVDE
DVDEFSET in IATYDVDE
DVDESHRT in IATYDVDE
Serialization: None
Function: This macro maps the data that is stored in the initialization data space manipulated by the IATXIDVS macro. Each definition element represents the definition of a SUPUNIT or a SETUNIT.

IATYDVDE Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	DVDSTART	,
0	(0)	CHARACTER	4	DVDENTID	Entry id
4	(4)	SIGNED	4	DVDTOKEN (0)	Device Definition Token
4	(4)	ADDRESS	2	DVDSTMNO	Statement number, first half of token
6	(6)	ADDRESS	2	DVDRNGNO	Range number, second half of token
8	(8)	ADDRESS	4	DVDENEXT	Pointer to the next DVDE in the same type
12	(C)	ADDRESS	4	DVDEFSET	Pointer to the first SETUNIT DVDE for the same device if this is a SETUNIT, 0 if this is a SUPUNIT
16	(10)	ADDRESS	4	DVDESHR	Pointer to shared DVDE, i.e. related SUPUNIT if this is a SETUNIT or vice versa
20	(14)	ADDRESS	4	DVDERVD1	Reserved for development
24	(18)	SIGNED	4	DVDEITXL	Length of intermediate text
28	(1C)	SIGNED	4	DVDEFXEN (0)	End of fixed section (SETUNIT or SUPUNIT itext follows)
28	(1C)	X'1C'	0	DVDEFXSZ	"DVDEFXEN-DVDSTART" Size of fixed section

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IATYDVDE Cross Reference

Name	Hex Offset	Hex Value
DVDEFSET	C	
DVDEFXEN	1C	
DVDEFXSZ	1C	1C
DVDEITXL	18	
DVDENEXT	8	
DVDENTID	0	
DVDERVD1	14	
DVDESHR	10	
DVDRNGNO	6	
DVDSTART	0	
DVDSTMNO	4	
DVDTOKEN	4	

IATYDVE Programming Interface information

Programming Interface information

IATYDVE

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

- DVELCB
- DVEWSB

End of Programming Interface information

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IATYDVE Heading Information

Common Name: Device Entry
Macro ID: IATYDVE
DSECT Name: IATYDVE
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Subpool: SRDPOOL
Key: JES Key
Data Space: None
Residency: Private any
Size: 112 Bytes
Created by: IATSNLB
Pointed to by: The first of a list of DVE's is contiguous to the WSB.
Serialization: Certain fields are serialized by Compare & Swap Logic.
Function: This DSECT maps the session and FMH information into the LCB. One device entry exists for each device on the workstation (Printer, Punch, or Reader) and 2 entries exist for console (Inbound and Outbound). This control block is physically contained in the WSB.

IATYDVE Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYDVE	
0	(0)	ADDRESS	4	DVELCB	ADDRESS OF LCB ASSOCIATED WITH THIS DVE
4	(4)	ADDRESS	4	DVENSTE	ADDRESS OF NEXT DVE FOR THIS STACK
8	(8)	ADDRESS	4	DVEWSB	ADDRESS OF WSB FOR THIS DVE
12	(C)	ADDRESS	4	DVESUP	ADDRESS OF SUPUNIT ASSOCIATED WITH THIS DEVICE ENTRY
16	(10)	SIGNED	4	DVESNSD	SENSE DATA RECEIVED FROM VTAM
20	(14)	SIGNED	4	DVECLTYP	CLOSE TYPE FOR IATSNDC
24	(18)	BITSTRING	1	DVEFL1	FLAG BYTE
24	(18)	X'18'	0	DVEOPN	"DVEFL1" FLAG INDICATING THAT AN OPEN HAS BEEN DONE FOR THIS DEVICE
		1...		DVEOPNM	"X'80'" MASK FOR OPEN FLAG
24	(18)	X'18'	0	DVESSP	"DVEFL1" FLAG INDICATING THAT DATA FLOW HAS BEEN SUSPENDED
		.1..		DVESSPM	"X'40'" MASK FOR SUSPENDED FLAG
24	(18)	X'18'	0	DVECON	"DVEFL1" THIS FLAG INDICATES IF THE ENTRY IS THE INBOUND OR OUTBOUND CONSOLE
		..1.		DVECONM	"X'20'" INBOUND IF ON
24	(18)	X'18'	0	DVECEP	"DVEFL1" CONSOLE EQUALS THIS PRINTER
		...1		DVECEPM	"X'10'" IF ON
24	(18)	X'18'	0	DVEONST	"DVEFL1" THIS DVE IS ON A STACK
		.... 1...		DVEONSTM	"X'08'" IF ON
24	(18)	X'18'	0	DVESDSC	"DVEFL1" SDS SENT FOR CONSOLE
		.... .1..		DVESDSCM	"X'04'" IF ON
24	(18)	X'18'	0	DVETMPC	"DVEFL1" WSCLOSE TYPE=TEMP ISSUED
		.... ..1.		DVETMPCM	"X'02'" IF ON
24	(18)	X'18'	0	DVEWEDS	"DVEFL1" EDS HAS BEEN SENT
		1		DVEWEDSM	"X'01'" IF ON
25	(19)	BITSTRING	1	DVEFL2	FLAG BYTE (FLAGS AS SENT IN THE FMH

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					THESE FLAGS RELATE TO THE SESSION ONLY WHEN THIS DVE IS AT TOP OF STACK FOR AN LCB)
					End of Comment
25	(19)	X'19'	0	DVECMI	"DVEFL2" COMPRESSION IS BEING USED ON THIS FLOW
		1...		DVECMM	"X'80'" COMPRESSION IS BEING USED IF ON
25	(19)	X'19'	0	DVECPI	"DVEFL2" COMPACTION IS BEING USED ON THIS FLOW
		.1..		DVECPM	"X'40'" COMPACTION IS BEING USED IF ON
25	(19)	X'19'	0	DVEALTI	"DVEFL2" ALTERNATE CODE IS SUPPORTED
		..1.		DVEALTM	"X'20'" ALTERNATE CODE MASK
26	(1A)	BITSTRING	1	DVEFL3	DEVICE ERRROR FLAGS
26	(1A)	X'1A'	0	DVETERR	"DVEFL3" TEMPORARY DEVICE ERROR
		1...		DVETERRM	"X'80'" TEMPORARY DEVICE ERROR
26	(1A)	X'1A'	0	DVEPERR	"DVEFL3" PERMANENT DEVICE ERROR
		.1..		DVEPERRM	"X'40'" PERMANENT DEVICE ERROR
26	(1A)	X'1A'	0	DVESERR	"DVEFL3" SESSION ERROR
		..1.		DVESERRM	"X'20'" SESSION ERROR MASK
27	(1B)	BITSTRING	1	DVECSFL	COMPARE AND SWAP FLAG WORD
27	(1B)	X'1B'	0	DVEECF	"DVECSFL" ECF FOR CONTROL OF THIS DEVICE
		1...		DVERUAN	"X'80'" MASK TO TURN RU AVAIL ON
		.1..		DVEEODN	"X'40'" MASK TO TURN ON EOD FLAG
		..1.		DVESESW	"X'20'" DEVICE WAITING FOR A SESSION
		...1		DVEBFAV	"X'10'" MASK TO TURN BUFFER AVAIL
					Comment
					THE DEFINITIONS IN DVEDTYP MATCH THOSE IN SUPRMFL2
					End of Comment
28	(1C)	BITSTRING	1	DVEDTYP	DEVICE TYPE OF THIS DVE
		1...		DVECONT	"X'80'" CONSOLE IF ON
		.1..		DVEPUNT	"X'40'" PUN IF ON
		..1.		DVEPRTT	"X'20'" PRT IF ON
		...1		DVERDRT	"X'10'" RDR IF ON
		.... 1...		DVEBEX	"X'08'" BASIC EXCHANGE IF ON
28	(1C)	X'1C'	0	DVECLFLG	"DVEDTYP" RECURSIVE CLOSE FLAG. IF ON, A CLOSE HAS ALREADY BEEN DONE.
		1		DVECLREC	"X'01'" MASK FOR ABOVE
29	(1D)	BITSTRING	1	DVEDVSL	SAVE AREA FOR FMH1DVSL (MEDIA, SUBADDRESS)
30	(1E)	BITSTRING	1	DVECNECF	CANCEL ECF (OUTBND)
		1...		DVECNON	"X'80'" MASK FOR AWAIT ON
		.1..		DVECNOFF	"X'40'" MASK FOR AWAITOFF
31	(1F)	BITSTRING	1	DVEFL4	FLAG BYTE
31	(1F)	X'1F'	0	DVEPDIR	"DVEFL4" PDIR SEND IN PROGRESS
		1...		DVEPDIRM	"X'80'" MASK FOR ABOVE
31	(1F)	X'1F'	0	DVESPDT	"DVEFL4" WTR WAS SUSPENDED ON EOC RESPONSE BY SNDT
		.1..		DVESPDTM	"X'40'" MASK FOR ABOVE
31	(1F)	X'1F'	0	DVERDLK	"DVEFL4" THIS DVE IN USE BY RDR
		..1.		DVERDLKM	"X'20'" MASK FOR ABOVE
31	(1F)	X'1F'	0	DVEWSO	"DVEFL4" WTR SENDING OUTPUT CHAIN
		...1		DVEWSOM	"X'10'" MASK FOR ABOVE
31	(1F)	X'1F'	0	DVECMSG	"DVEFL4" CON MSG SENT TO PR1/CON
		.... 1...		DVECMSGM	"X'08'" MASK FOR ABOVE
31	(1F)	X'1F'	0	DVERSET	"DVEFL4" DEVICE HAS BEEN RESET
		.... .1..		DVERSETM	"X'04'" MASK FOR ABOVE
32	(20)	SIGNED	4	DVEFILL (0)	INSURES DVES ON FULLWORD

IATYDVE Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					THE AWAIT LIST (DVEWLST) IS DEFINED AS TWO DOUBLEWORD ENTRIES PLUS THE END OF LIST INDICATOR OF ALL ONES. EACH DOUBLEWORD HAS THE ECF ADDRESS IN THE FIRST WORD AND THE ECF MASK IN THE LOW ORDER BYTE OF THE SECOND WORD, PRECEDED BY THREE ZERO BYTES.
					End of Comment
32	(20)	SIGNED	4	DVEWLST (5)	ECF WAIT LIST 4 RDRS (SNDO) AND FOR CANCEL OUTBND
32	(20)	X'24'	0	DVEWLST4	"DVEWLST+4,4" ZEROS & ECF MASK
32	(20)	X'28'	0	DVEWLST8	"DVEWLST+8,4" ECF ADDRESS
32	(20)	X'2C'	0	DVEWLSTC	"DVEWLST+12,4" ZEROS & ECF MASK
52	(34)	SIGNED	4	DVEOPNSV (3)	SAVE AREA FOR WTR OPEN
64	(40)	SIGNED	2	DVELRECL	CURRENT REC LEN THIS DEVICE
					Comment
					THE MAPPING FOR THE EXFLG IS REQUIRED TO BE IDENTICAL WITH SUPFLAG0
					End of Comment
66	(42)	BITSTRING	1	DVEEXFLG	FLAG FOR EXCHNGE MEDIA
66	(42)	X'42'	0	DVEEX	"DVEEXFLG" THIS IS AN EXCHANGE DEVICE
		1...		DVEEXM	"X'80'" MASK FOR ABOVE
66	(42)	X'42'	0	DVEBSEX	"DVEEXFLG" THIS IS A BASIC EXCH DEV
		.1..		DVEBSEXM	"X'40'" MASK FOR ABOVE
67	(43)	BITSTRING	1	DVEESADR	EXCHANGE SUBADDRESS
68	(44)	SIGNED	4	DVESAVE (7)	SAVE AREA FOR SNFO
96	(60)	SIGNED	4	DVERSVDD	RESERVED FOR DEVELOPMENT
100	(64)	SIGNED	4	DVERSVDS (2)	RESERVED FOR SERVICE
108	(6C)	SIGNED	4	DVERSVDU	RESERVED FOR USER
108	(6C)	X'70'	0	DVELEN	"*-IATYDVE" LENGTH OF IATYDVE

IATYDVE Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
DVEALTI	19	19	DVEDTYP	1C	
DVEALTM	19	20	DVEDVSL	1D	
DVEBEX	1C	8	DVEECF	1B	1B
DVEBFAV	1B	10	DVEEODN	1B	40
DVEBSEX	42	42	DVEESADR	43	
DVEBSEXM	42	40	DVEEX	42	42
DVECEP	18	18	DVEEXFLG	42	
DVECEPM	18	10	DVEEXM	42	80
DVECLFLG	1C	1C	DVEFILL	20	
DVECLREC	1C	1	DVEFL1	18	
DVECLTYP	14		DVEFL2	19	
DVECMI	19	19	DVEFL3	1A	
DVECMM	19	80	DVEFL4	1F	
DVECMSG	1F	1F	DVELCB	0	
DVECMSGM	1F	8	DVELEN	6C	70
DVECNECF	1E		DVELRECL	40	
DVECNOFF	1E	40	DVENSTE	4	
DVECNON	1E	80	DVEONST	18	18
DVECON	18	18	DVEONSTM	18	8
DVECONM	18	20	DVEOPN	18	18
DVECONT	1C	80	DVEOPNM	18	80
DVECPI	19	19	DVEOPNSV	34	
DVECPM	19	40	DVEPDIR	1F	1F
DVECSFL	1B		DVEPDIRM	1F	80

Name	Hex Offset	Hex Value
DVEPERR	1A	1A
DVEPERRM	1A	40
DVEPRTT	1C	20
DVEPUNT	1C	40
DVERDLK	1F	1F
DVERDLKM	1F	20
DVERDRT	1C	10
DVERSET	1F	1F
DVERSETM	1F	4
DVERSVDD	60	
DVERSVDS	64	
DVERSVDU	6C	
DVERUAN	1B	80
DVESAVE	44	
DVESDSC	18	18
DVESDSCM	18	4
DVESERR	1A	1A
DVESERRM	1A	20
DVESESW	1B	20
DVESNSD	10	
DVESPDT	1F	1F
DVESPDTM	1F	40
DVESSP	18	18
DVESSPM	18	40
DVESUP	C	
DVETERR	1A	1A
DVETERRM	1A	80
DVETMPC	18	18
DVETMPCM	18	2
DVEWEDS	18	18
DVEWEDSM	18	1
DVEWLST	20	
DVEWLSTC	20	2C
DVEWLST4	20	24
DVEWLST8	20	28
DVEWSB	8	
DVEWSO	1F	1F
DVEWSOM	1F	10
IATYDVE	0	

IATYDXF Heading Information

Common Name: Dynamic exit definition
Macro ID: IATYDXF
DSECT Name: None
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: JES3 Private Area
Auxiliary Storage: N/A
Size: DXFSIZE
Created by: IATGRPT via IATYUXL
Pointed to by: N/A
Serialization: N/A
Function: Maps the entry for a dynamic exit definition

IATYDXF Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	DXFSTART	
0	(0)	CHARACTER	16	DXFNAME	Exit name
16	(10)	SIGNED	4	DXFKEY	Key
20	(14)	SIGNED	4	DXFANUM	Abendnum value

Comment

```
-----------------------------------------------------------
    Environment flag - Flag equates must match
    similar flag in IATYUXL.
-----------------------------------------------------------
```

End of Comment

24	(18)	BITSTRING	1	DXFENFL	Environment flag
		.1..		DXFENGB	"X'40'" Define exit on global
		..1.		DXFENLC	"X'20'" Define exit on local

Comment

```
-----------------------------------------------------------
    Flag 1
-----------------------------------------------------------
```

End of Comment

25	(19)	BITSTRING	1	DXFFLG1	Flag1
		1...		DXFROPT	"X'80'" Reentrant=OPT
		.1..		DXFRREQ	"X'40'" Reentrant=REQ
		..1.		DXFPIPL	"X'20'" Persist=IPL
		...1		DXFPADS	"X'10'" Persist=ADDRESSSPACE
26	(1A)	BITSTRING	1	DXFRSVD (2)	Reserved
26	(1A)	X'1C'	0	DXFEND	"*" End of DXF
26	(1A)	X'1C'	0	DXFSIZE	"DXFEND-DXFSTART" Size of entry

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IATYDXF Cross Reference

Name	Hex Offset	Hex Value
DXFANUM	14	
DXFEND	1A	1C
DXFENFL	18	
DXFENGB	18	40
DXFENLC	18	20
DXFFLG1	19	
DXFKEY	10	
DXFNAME	0	
DXFPADS	19	10
DXFPIPL	19	20
DXFROPT	19	80
DXFRREQ	19	40
DXFRSVD	1A	
DXFSIZE	1A	1C
DXFSTART	0	

IATYDYA Heading Information

Common Name: DYNAMIC ALLOCATION BUFFER
Macro ID: IATYDYA
DSECT Name: DYASTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: DYA
Offset: 4
Length: 4
Storage Attributes: Main Storage: SUBPOOL 230
Auxiliary Storage: N/A
Size: 396 Bytes
Created by: IATSICA
Pointed to by: SELDATA IN IATYSEL
Serialization: None
Function: IATSICA sends this data area, containing information about a dynamic allocation request, to MDS.

IATYDYA Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DYASTART	
0	(0)	SIGNED	2	DYALNGTH	LENGTH OF BUFFER AREA
2	(2)	SIGNED	2	DYADYNID	ID OF DYNAMIC ALLOC REQUEST
4	(4)	CHARACTER	4	DYAID	CONTROL BLOCK ID
8	(8)	ADDRESS	4	DYANEXT	POINTER TO NEXT DYA
12	(C)	SIGNED	2	DYAMDSRC (0)	MDS RETURN CODE TO SSI
		1...		DYADUREQ	"X'80'" DYNAMIC UNALLOC NEEDED
12	(C)	BITSTRING	1	DYATYPE	DYATYPE TYPE FLAG
		1...		DYATSIJF	"X'80'" BUF CONTAINS SIOT/JFCB PAIR
		.1..		DYATJFX	"X'40'" BUFFER CONTAINS JFCB EXT(S)
		..1.		DYATSAQD	"X'20'" BUF'S STAGING AREA IN PROCES
		...1		DYALIST	"X'10'" BUF CONTAINS A UNITNAME LIST
		.... .1..		DYASMS	"X'04'" SMS MANAGED DATASET REQUEST
		.... ..1.		DYATTERM	"X'02'" TERMINATE REQUEST, FREE BUFS
		1		DYATEOB	"X'01'" LAST BUFFER IN REQUEST
13	(D)	BITSTRING	1	DYASTEPN	STEP NMBR OF ASSOCIATED RQST
14	(E)	BITSTRING	1	DYASEND (0)	END REPLY DATA 0275
14	(E)	BITSTRING	0	DYASSIZE (0)	SIZE OF REPLY DATA 0275
14	(E)	CHARACTER	8	DYAJBID	JOB ID OF ASSOCIATED RQST
22	(16)	CHARACTER	8	DYAOUNIT	ORIG SCTUTYPE IF SIOT/JFCB
32	(20)	SIGNED	4	DYASEQ	SEQUENCE NO. OF BUFFER
36	(24)	BITSTRING	1	DYAFLAGS (0)	DYNAL FCT FLAGS
36	(24)	BITSTRING	1	DYAFLAG1	FLAG1
37	(25)	BITSTRING	1	DYAFLAG2	FLAG2
38	(26)	BITSTRING	1	DYADEVTY	DEVICE TYPE FLAGS
39	(27)	BITSTRING	1	DYAFLAG3	FLAG FOR DYNAM ALLOC
		1...		DYADYNAL	"X'80'" ALLOC'D BY DYNAL FCT
40	(28)	SIGNED	2	DYABUFNO	DJST BUFFER NUMBER
42	(2A)	SIGNED	2	DYARSVD	RESERVED FOR DEVELOPMENT
44	(2C)	SIGNED	4	(0)	INSURE FULL WORD ALIGNMENT
44	(2C)	X'B0'	0	DYASLOT	"176" SIZE OF SWA RECORD

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
					---------- THE NEXT FOUR SECTIONS DESCRIBE IMBEDDED DATA IN THE DYA. THERE CAN ONLY BE ONE TYPE OF THE FOLLOWING THREE: SIOT/JFCB PAIR, JFCB EXTENSION OR SMS DATA IMBEDDED FOR EACH DYA. IF THERE IS A SIOT/JFCB PAIR, THERE MAY ALSO BE A UNITNAME LIST. FIELD DYATYPE INDICATES WHICH TYPE(S) WILL BE FOUND IN THE DYA. ----------
					---------- SIOT/JFCB PAIR FOR DYNAMIC ALLOCATION REQUEST ----------
				End of Comment	
44	(2C)	BITSTRING	176	DYASIOT	SIOT ENTRY ROUNDED TO 176
220	(DC)	BITSTRING	1	DYAJFCB	JFCB ENTRY
				Comment	
					---------- UNITNAME LIST ----------
				End of Comment	
396	(18C)	BITSTRING	1	DYAULIST (0)	START OF LIST
				Comment	
					---------- JFCB EXTENSIONS FOR DYNAMIC ALLOCATION REQUEST ----------
				End of Comment	
44	(2C)	BITSTRING	176	DYAJFX1	1ST JFCB EXTENSION THIS BUF
220	(DC)	BITSTRING	176	DYAJFX2	2ND JFCB EXTENSION THIS BUF
396	(18C)	BITSTRING	1	DYARORG (0)	
				Comment	
					---------- SMS DATA FOR DYNAMIC ALLOCATION REQUEST (NOTE: UNLESS SPECIFIED OTHERWISE, 'SMS' REFERS TO SMS DASD, NOT SMS MANAGED MOUNTABLE, I.E. ATL, VTS.) ----------
				End of Comment	
44	(2C)	CHARACTER	44	DYADSN	DATASET NAME
88	(58)	CHARACTER	8	DYADDNAM	DDNAME FROM THE DD CARD
96	(60)	BITSTRING	1	DYADISP	DATASET DISPOSITION
		11..		DYANEW	"X'C0'" NEW DATASET
		1...		DYAMOD	"X'80'" MOD DATASET
		.1..		DYAOLD	"X'40'" OLD DATASET
		.... 1...		DYASHR	"X'08'" SHARED DATASET
97	(61)	BITSTRING	1	DYADFLG	DATASET FLAG
		1...		DYAINOP	"X'80'" INOUT TREATED AS INPUT
		.1..		DYAOUTOP	"X'40'" OUTIN TREATED AS OUTPUT
		...1		DYADR10	"X'10'" RESERVED FLAG
		.... ..1.		DYAGDG	"X'02'" GDG SINGLE

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		---------- RESPONSE FROM THE GLOBAL FOR THE DYNAMIC ALLOCATION REQ ----------			
		End of Comment			
14	(E)	BITSTRING	1	DYARESP (0)	DYN ALLOC SA RESP AREA
14	(E)	BITSTRING	1	DYADSTEP	STEP NUMBER
15	(F)	BITSTRING	1	DYARESV	RESERVED
16	(10)	SIGNED	2	DYADRPN	RELATIVE POS NUMBER
18	(12)	CHARACTER	8	DYADDNM	DDNAME
26	(1A)	BITSTRING	1	DYARFLG	RESPONSE FLAG
		1...		DYAFDJST	"X'80'" FIRST DJST
		.1..		DYANDJST	"X'40'" NEW DJST
396	(18C)	BITSTRING	1	DYAREND (0)	END OF RESPONSE AREA
396	(18C)	BITSTRING	0	DYARSIZE (0)	SIZE OF RESPONSE AREA
396	(18C)	SIGNED	4	DYAEND (0)	END OF DYA BUFFER
396	(18C)	BITSTRING	1	DYAFSIZ (0)	FIXED SIZE OF DYA

IATYDYA Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
DYABUFNO	28		DYARESV	F	
DYADDNAM	58		DYARFLG	1A	
DYADDNM	12		DYARORG	18C	
DYADEVTY	26		DYARSIZE	18C	
DYADFLG	61		DYARSVD	2A	
DYADISP	60		DYASEND	E	
DYADRPN	10		DYASEQ	20	
DYADR10	61	10	DYASHR	60	8
DYADSN	2C		DYASIOT	2C	
DYADSTEP	E		DYASLOT	2C	B0
DYADUREQ	C	80	DYASMS	C	4
DYADYNAL	27	80	DYASSIZE	E	
DYADYNID	2		DYASTART	0	
DYAEND	18C		DYASTEPN	D	
DYAFDJST	1A	80	DYATEOB	C	1
DYAFLAGS	24		DYATJFX	C	40
DYAFLAG1	24		DYATSAQD	C	20
DYAFLAG2	25		DYATSIJF	C	80
DYAFLAG3	27	0	DYATTERM	C	2
DYAFSIZ	18C		DYATYPE	C	
DYAGDG	61	2	DYAULIST	18C	
DYAID	4	C4E8C140			
DYAINOP	61	80			
DYAJBID	E				
DYAJFCB	DC				
DYAJFX1	2C				
DYAJFX2	DC				
DYALIST	C	10			
DYALNGTH	0				
DYAMDSRC	C				
DYAMOD	60	80			
DYANDJST	1A	40			
DYANEW	60	C0			
DYANEXT	8				
DYAOLD	60	40			
DYAOUNIT	16				
DYAOUTOP	61	40			
DYAREND	18C				
DYARESP	E				

IATYDYD Programming Interface information

Programming Interface information

IATYDYD

End of Programming Interface information

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IATYDYD Heading Information

Common Name: DYNAMIC ALLOCATION DATA SET NAME TABLE
Macro ID: IATYDYD
DSECT Name: IATYDYD
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Subpool: 241
Key: JES key
Data Space: None
Residency: Any
Size: 8 byte fixed portion + variable portion per DSN
Created by: IATINMD
Pointed to by: SVTDYD field of the SVT data area
Serialization: None
Function: Contains internal representation of data set names for which JES3 provides or bypasses data set integrity protection; built from JES3 DYNALDSN initialization statements.

IATYDYD Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYDYD	* X
0	(0)	BITSTRING	1	DYDFLAG	
		1...		DYDBYP	"X'80'" SET AT INIT TIME ON = BYPASS MDS DS ENQ OFF= PROTECT VIA MDS

Comment

THIS LINE DELETED BY APAR OY65511
THIS LINE DELETED BY APAR OY65511

End of Comment

1	(1)	BITSTRING	1		RESERVED FOR JES3
2	(2)	SIGNED	2	DYDENTLN	TOTAL ENTRY LENGTH
4	(4)	SIGNED	2		RESERVED FOR JES3
6	(6)	SIGNED	2		AVAILABLE FOR USER
8	(8)	BITSTRING	1	DYDFIXL (0)	SIZE OF FIXED PORTION

Comment

DSNAME SPECIFICATION IS IN THE FOLLOWING FORM:
(A) ONE BYTE - LENGTH OF FOLLOWING TEXT
(B) VARIABLE TEXT OF DSN, UP TO ?, , OR END.
(C) ONE BYTE FUNCTION CODE.

End of Comment

8	(8)	BITSTRING	1	DYDTEXT	DSNAME TEXT SPECIFICATION
8	(8)	X'8'	0	DYDLNTH	"DYDTEXT" LENGTH BYTE
8	(8)	X'8'	0	DYDFUNC	"DYDTEXT" FUNCTION CODE BYTE
		....		DYDALPHA	"X'00'" END OF DSN WITHOUT * OR ?
		.... .1..		DYDSTAR	"X'04'" END OF DSN WITH *
		.... 1...		DYDENDQM	"X'08'" END OF DSN WITH ?
		.... 11..		DYDIMBQM	"X'0C'" IMBEDDED ?. REPEAT (A)(B)(C
9	(9)	BITSTRING	1	DYDNEXT	FOR STEP TO NEXT POSITION

IATYDYD Cross Reference

Name	Hex Offset	Hex Value
DYDALPHA	8	0
DYDBYP	0	80
DYDENDQM	8	8
DYDENTLN	2	
DYDFIXL	8	
DYDFLAG	0	
DYDFUNC	8	8
DYDIMBQM	8	C
DYDLNTH	8	8
DYDNEXT	9	
DYDSTAR	8	4
DYDTEXT	8	
IATYDYD	0	

IATYDYN Heading Information

Common Name: DYNAL FCT DATA AREA
Macro ID: IATYDYN
DSECT Name: DYNSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: NONE
Storage Attributes: Main Storage: JESPOOL
Auxiliary Storage: JES3 SPOOL
Size: DYNSIZE
Created by: IATINDY
Pointed to by: DYNDYNP in IATYTVT
Serialization: None
Function: This data area contains information about the requests being processed by the DYNAL FCT.

IATYDYN Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DYNSTART	
0	(0)	BITSTRING	6	DYNTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	DYNCNT	USER COUNT.
8	(8)	CHARACTER	4	DYNID	FILE ID.
12	(C)	BITSTRING	12	DYNCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	DYNVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	DYNDATA (0)	START OF USER DATA AREA.
28	(1C)	BITSTRING	12	DYNCKFDB	CHECKPOINT FDB
40	(28)	SIGNED	4	DYNCURSA	PTR TO CURRENT STAGING AREA
44	(2C)	SIGNED	4	DYNDUMP (0)	START OF UNFORMATTED DUMP DATA
44	(2C)	SIGNED	4	DYNSUBSV (18)	SAVE AREA FOR DYSB

Comment

```
-------------------------------------------------------------
   SUBROUTINE ADDRESSES OF ROUTINES FOUND IN IATDYSB.
-------------------------------------------------------------
```

End of Comment

116	(74)	SIGNED	4	DYSUBSRT (0)	BEGINNING OF EP LIST
116	(74)	ADDRESS	4	DYDJSGET	GET SLOT ROUTINE
120	(78)	ADDRESS	4	DYDJSADD	ADD SLOTS ROUTINE
124	(7C)	ADDRESS	4	DYDJSDEL	DELETE DD ROUTINE
128	(80)	ADDRESS	4	DYDJSLOC	FIND DD ROUTINE
132	(84)	ADDRESS	4	DYDWRITE	WRITE ERROR SUBROUTINE
136	(88)	ADDRESS	4	DYDCHECK	I/O CHECK SUBROUTINE
140	(8C)	ADDRESS	4	DYDRQRY1	1ST LEVEL RETRY SUBROUTINE
144	(90)	ADDRESS	4	DYDRQRY2	2ND LEVEL RETRY SUBROUTINE
148	(94)	ADDRESS	4	DYDCOUNT	COUNT SUBROUTINE
152	(98)	SIGNED	4	DYSUBEND (0)	END OF IATDYSB ENTRY POINTS
152	(98)	ADDRESS	4	DYNLSAPR	DYNAL SA PROCESSOR ENTRY PT
156	(9C)	SIGNED	4	DYNPMDSD	PTR TO MDSDATA
160	(A0)	SIGNED	4	DYNPDYQ	PTR TO DYQSTART
164	(A4)	SIGNED	4	DYNPECF	PTR TO IATYECF
168	(A8)	SIGNED	4	DYNCMPC	PTR TO CURRENT MPC
172	(AC)	SIGNED	4	DYNPFCT	PTR TO DYNAL FCT
176	(B0)	BITSTRING	1	DYNFLG1	FLG1 FLAG BYTE 1
		1...		DYNWTSL	"X'80'" WAITING FOR ECF SLOT
		.1..		DYNRTRY	"X'40'" RETRY ACTIVE

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		..1.		DYNRBSY	"X'20'" RESUME PROCESS AFTER BUSY CLEARS
		...1		DYNRIOC	"X'10'" RESUME PROCESS WHEN I/O COMPLETE
		.... 1...		DYNALSA	"X'08'" PROCESS ALLOCATION SA
		.... .1..		DYNUNSA	"X'04'" PROCESS UNALLOCATION SA
		.... ..1.		DYNCDDSA	"X'02'" PROCESS CHANGE DDNAME SA
		1		DYNEXTSA	"X'01'" GET NEXT SA IN CHAIN
177	(B1)	BITSTRING	1	DYNFLG2	FLG2 FLAG BYTE 2
		1...		DYNWTANC	"X'80'" WAITING FOR DJST ANCHOR
		.1..		DYNSATIS	"X'40'" INDICATES REQUEST SATISFIED
		..1.		DYNREJEC	"X'20'" INDICATES REJECT REQUEST
		...1		DYNSNMDS	"X'10'" INDICATES SEND TO MDS
		.... 1...		DYNFDSER	"X'08'" INDIC FIRST DJST SERIALIZED
		.... .1..		DYNDCSBT	"X'04'" INDIC DJST-CSBT IN USE
		.... ..1.		DYNDYCOU	"X'02'" CALLER IS DYCOUNTU ROUTINE
		1		DYNJSERV	"X'01'" INDICATE JSERV WAS CALLED
178	(B2)	SIGNED	2	DYNSCAN	RPN OF ECF SCAN START
180	(B4)	BITSTRING	1	DYNERRCD	ERROR REASON CODE RETURNED BY IATXMDCT
181	(B5)	BITSTRING	1	DYNRSV1 (3)	RESERVED FOR DEVELOPMENT
184	(B8)	SIGNED	4	DYNTSAV9	TEMPORARY SAVE AREA 9
188	(BC)	SIGNED	4	DYNRSV3	RESERVED FOR USER
192	(C0)	SIGNED	4	DYNTSAVE	TEMPORARY SAVE AREA 1
196	(C4)	SIGNED	4	DYNTSAV2	TEMPORARY SAVE AREA 2
200	(C8)	SIGNED	4	DYNTSAV3	TEMPORARY SAVE AREA 3
204	(CC)	SIGNED	4	DYNTSAV4	TEMPORARY SAVE AREA 4
208	(D0)	SIGNED	4	DYNTSAV5	TEMPORARY SAVE AREA 5
212	(D4)	SIGNED	4	DYNTSAV6	TEMPORARY SAVE AREA 6
216	(D8)	SIGNED	4	DYNTSAV7	TEMPORARY SAVE AREA 7
220	(DC)	SIGNED	4	DYNTSAV8	TEMPORARY SAVE AREA 8
224	(E0)	SIGNED	2	DYNHSAV	HALFWORD SAVE AREA
226	(E2)	CHARACTER	121	DYNMSG (0)	SPACE FOR IAT5830/IAT5255 MSG
226	(E2)	ADDRESS	1	DYNMSGLN	MSG LENGTH
227	(E3)	CHARACTER	8	DYNMSGNO	MSG NUMBER
235	(EB)	CHARACTER	66	DYNMSGTY (0)	MSG DATA

Comment

FOR MESSAGE THAT HAS INSERTED PARTS

End of Comment

235	(EB)	CHARACTER	7	DYNTEXT1	TEXT PART 1
242	(F2)	CHARACTER	6	DYNTEXT2	TEXT PART 2
248	(F8)	CHARACTER	34	DYNTEXT3	TEXT PART 3
282	(11A)	CHARACTER	8	DYNTEXT4	TEXT PART 4
290	(122)	CHARACTER	2	DYNTEXT5	TEXT PART 5
292	(124)	CHARACTER	8	DYNTEXT6	TEXT PART 6
300	(12C)	CHARACTER	1	DYNTEXT7	TEXT PART 7
301	(12D)	CHARACTER	46	DYNMSGSP	MSG SPACE
348	(15C)	SIGNED	4	DYNMSGED (0)	END OF MSG
348	(15C)	SIGNED	4	DYNRSVD1 (2)	RESERVED FOR DEVELOPMENT
356	(164)	SIGNED	4	DYNRSVS1 (2)	RESERVED FOR SERVICE
364	(16C)	SIGNED	4	DYNRSVU1	RESERVED FOR USER 2

Comment

```
-------------------------------------------------------------
  THESE NEXT FEW RESERVED BYTES HAVE BEEN PLACED HERE SO
 THAT THE CHECKPOINTED FIELD (DYNCKAL) DOES NOT OVERLAY
 SOME IMPORTANT FIELDS.
-------------------------------------------------------------
```

End of Comment

368	(170)	BITSTRING	12	DYNCKRSV	RESERVED FOR CHKPT INTEGRITY

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

```
-----------------------------------------------------------
  ANY NEW FIELDS ADDED TO THIS CONTROL BLOCK SHOULD BE
 ADDED AFTER THESE FIELD DEFINITIONS.
-----------------------------------------------------------
  SUBROUTINE ADDRESSES OF ROUTINES FOUND IN IATDYDR.
 ANY UPDATES TO THIS TABLE, OR THE CORRESPONDING ADCON LIST
 IN IATDYDR MUST BE REFLECTED IN BOTH TABLES.
-----------------------------------------------------------
```

End of Comment

380	(17C)	BITSTRING	0	DYNSUBAD (0)	START OF SUBROUTINE ADCONS
380	(17C)	ADDRESS	4	DYNRDWOD	READ DJST WITHOUT A DYQ
384	(180)	ADDRESS	4	DYNADECF	ADD AN ECF LIST ENTRY
388	(184)	ADDRESS	4	DYNRDWDY	READ DJST WITH A DYQ
392	(188)	ADDRESS	4	DYNREADJ	READ FOR JST
396	(18C)	ADDRESS	4	DYNREADP	READ PREALLOCATED DJST
400	(190)	ADDRESS	4	DYNWRIT1	WRITE 1ST DJST
404	(194)	ADDRESS	4	DYNWRITN	WRITE NTH DJST
408	(198)	ADDRESS	4	DYNWRNN	WRITE NEW NTH DJST
412	(19C)	ADDRESS	4	DYNWRN1	WRITE NEW 1ST DJST
416	(1A0)	ADDRESS	4	DYNWRITJ	WRITE JST
420	(1A4)	ADDRESS	4	DYNRELJ	RELEASE JST
424	(1A8)	ADDRESS	4	DYGETSA	LOCATE A STAGING AREA
428	(1AC)	ADDRESS	4	DYVERIFY	VERIFY DEV/VOL AVAIL
432	(1B0)	ADDRESS	4	DYDELNON	DEALLOCATE NON-SMS RESOURCES
436	(1B4)	ADDRESS	4	DYDELSMS	DEALLOCATE SMS RESOURCES
440	(1B8)	ADDRESS	4	DYNALNON	ALLOCATE NON-SMS RESOURCES
444	(1BC)	ADDRESS	4	DYNALSMS	ALLOCATE SMS RESOURCES
448	(1C0)	ADDRESS	4	DYNGETC	GET A CSBT ENTRY
452	(1C4)	SIGNED	4	DYNSBEND (0)	END OF SUBROUTINE LIST
452	(1C4)	X'48'	0	DYNSBADL	"(DYNSBEND-DYNRDWOD)" LENGTH OF ADCON TABLE

Comment

```
-----------------------------------------------------------
      VARY OFFLINE COMMAND
-----------------------------------------------------------
```

End of Comment

452	(1C4)	ADDRESS	1	DYNVCMD	VARY OFFLINE COMMAND
453	(1C5)	CHARACTER	3	DYNVST	
456	(1C8)	CHARACTER	4	DYNVDEV	DEVICE NUMBER IN EBCDIC
465	(1D1)	CHARACTER	8	DYNVPROC	PROCESSOR NAME
465	(1D1)	X'1D9'	0	DYNVEND	"*"
473	(1D9)	BITSTRING	3	DYNRSVD2	RESERVED FOR DEVELOPMENT

Comment

```
-----------------------------------------------------------
 SAVE AREAS FOR BASE REGS AND RETURN ADDRESSES
-----------------------------------------------------------
          THIS LINE DELETED BY APAR OY64922
```

End of Comment

476	(1DC)	SIGNED	4	DYNTSV10	TEMPORARY SAVE AREA 10
480	(1E0)	SIGNED	4	DYNGCSVA	DYDR GET CSBT R10 SAVE AREA
484	(1E4)	SIGNED	4	DYNGCSVE	DYDR GET CSBT R14 SAVE AREA
488	(1E8)	SIGNED	2	DYNBUFNO	TEMP DJST BUF NUM SAVE AREA
490	(1EA)	BITSTRING	1	DYNDECF	DUMMY ECF FOR DYNADECF
490	(1EA)	X'1'	0	DYNDPOST	"1" DUMMY POST FOR THE ECF
492	(1EC)	SIGNED	4	DYNEND (0)	END OF DYN

IATYDYN Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
492	(1EC)	X'1EC'	0	DYNSIZE	"(DYNEND-DYNSTART)" SIZE OF DYN

Comment

```
---------------------------------------------------------- 0
   === CHECKPOINTED DYN/ELB === 0
      ONLY FIELDS DEFINED IN THIS SECTION NEED TO EXIST 0
      IN THE SPOOL CHECKPOINT OVER A HOT START. 0
      REST OF DYN/ELB IS CHECKPOINTED FOR DYSB RECOVERY. 0
      ENSURE THESE FIELDS DO NOT OVERLAY THOSE NEEDED 0
      BY DYSB RECOVERY ROUTINE. 0
      FOR COMPATIBILITY THESE OFFSETS MUST NOT BE CHANGED 0
---------------------------------------------------------- 0
```

End of Comment

0	(0)	SIGNED	4	DYNCHKPT (0)	CHECKPOINTED DYN/ELB 0262
0	(0)	BITSTRING	1	(122)	RESERVED FOR COMPATIBILTY 0262
378	(17A)	SIGNED	2	DYNCKAL	CHECKPOINTED ECF COUNT 0262 (ELBALOW/ECFALOW) 0262
378	(17A)	X'17C'	0	DYNCEND	"*" END OF CHECKPOINTED DYN/ELB 0262
378	(17A)	X'17C'	0	DYNCKSIZ	"(DYNCEND-DYNSTART)" SIZE OF CHECKPOINT DYN/ELB 0262

IATYDYN Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
DYDCHECK	88		DYNFDSER	B1	8
DYDCOUNT	94		DYNFLG1	B0	0
DYDELNON	1B0		DYNFLG2	B1	0
DYDELSMS	1B4		DYNGCSVA	1E0	0
DYDJSADD	78		DYNGCSVE	1E4	0
DYDJSDEL	7C		DYNGETC	1C0	
DYDJSGET	74		DYNHSAV	E0	0
DYDJSLOC	80		DYNID	8	C4E8D540
DYDRQRY1	8C		DYNJSERV	B1	1
DYDRQRY2	90		DYNLSAPR	98	
DYDWRITE	84		DYNMSG	E2	
DYGETSA	1A8		DYNMSGED	15C	
DYNADECF	180		DYNMSGLN	E2	
DYNALNON	1B8		DYNMSGNO	E3	C9C1E3F5
DYNALSA	B0	8	DYNMSGSP	12D	40404040
DYNALSMS	1BC		DYNMSGTY	EB	
DYNBUFNO	1E8	0	DYNPDYQ	A0	0
DYNCDDSA	B0	2	DYNPECF	A4	0
DYNCEND	17A	17C	DYNPFCT	AC	0
DYNCHKPT	0		DYNPMDSD	9C	0
DYNCHN	C	0	DYNRBSY	B0	20
DYNCKAL	17A		DYNRDWDY	184	
DYNCKFDB	1C	0	DYNRDWOD	17C	
DYNCKRSV	170	0	DYNREADJ	188	
DYNCKSIZ	17A	17C	DYNREADP	18C	
DYNCMPC	A8	0	DYNREJEC	B1	20
DYNCNT	6	0	DYNRELJ	1A4	
DYNCURSA	28	0	DYNRIOC	B0	10
DYNDATA	1C		DYNRSVD1	15C	
DYNDCSBT	B1	4	DYNRSVD2	1D9	
DYNDECF	1EA	0	DYNRSVS1	164	
DYNDPOST	1EA	1	DYNRSVU1	16C	
DYNDUMP	2C		DYNRSV1	B5	0
DYNDYCOU	B1	2	DYNRSV3	BC	
DYNEND	1EC		DYNRTRY	B0	40
DYNERRCD	B4		DYNSATIS	B1	40
DYNEXTSA	B0	1	DYNSBADL	1C4	48

Name	Hex Offset	Hex Value
DYNSBEND	1C4	
DYNSCAN	B2	0
DYNSIZE	1EC	1EC
DYNSNMDS	B1	10
DYNSTART	0	
DYNSUBAD	17C	
DYNSUBSV	2C	0
DYNTEXT1	EB	40404040
DYNTEXT2	F2	40404040
DYNTEXT3	F8	40404040
DYNTEXT4	11A	40404040
DYNTEXT5	122	4040
DYNTEXT6	124	40404040
DYNTEXT7	12C	40
DYNTRK	0	0
DYNTSAVE	C0	0
DYNTSAV2	C4	0
DYNTSAV3	C8	0
DYNTSAV4	CC	0
DYNTSAV5	D0	0
DYNTSAV6	D4	0
DYNTSAV7	D8	0
DYNTSAV8	DC	0
DYNTSAV9	B8	
DYNTSV10	1DC	0
DYNUNSA	B0	4
DYNVCMD	1C4	
DYNVDEV	1C8	40404040
DYNVEND	1D1	1D9
DYNVLID	18	0
DYNVPROC	1D1	40404040
DYNVST	1C5	5CE540
DYNWRITJ	1A0	
DYNWRITN	194	
DYNWRIT1	190	
DYNWRNN	198	
DYNWRN1	19C	
DYNWTANC	B1	80
DYNWTSL	B0	80
DYSUBEND	98	
DYSUBSRT	74	
DYVERIFY	1AC	

IATYDYQ Heading Information

Common Name: DYNAMIC ALLOCATION QUEUE ENTRIES
Macro ID: IATYDYQ
DSECT Name: DYQSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: DYQ
Offset: 0
Length: 4
Storage Attributes: Main Storage: JESPOOL
Auxiliary Storage: N/A
Size: 216 Bytes
Created by: IATINDY
Pointed to by: DYNPDYQ in IATYDYN
Serialization: None
Function: Contains information about each request. Built when first READ is issued for the request, lasts until last WRITE/RELEASE for the request. User specified limit. RPN corresponds to RPN of the ECF in the list. RPN 0 used only for MDS job term processing.

IATYDYQ Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DYQSTART	DYNAMIC QUEUE ENTRIES
0	(0)	CHARACTER	4	DYQID	'DYQ ' IDENTIFIER
4	(4)	SIGNED	4	DYQNTRY (0)	BEGINNING OF ENTRY VARIABLE INFO
4	(4)	SIGNED	4	DYQPDSA	PTR DYN STAGING AREA
8	(8)	SIGNED	4	DYQPRSQ	PTR TO RESQUEUE
12	(C)	SIGNED	4	DYQPECF	PTR TO ECF SLOT
16	(10)	SIGNED	4	DYQPMPC	PTR TO MPC
20	(14)	SIGNED	4	DYQRFIO	RETURN ADDR WHEN I/O COMPLETES
24	(18)	SIGNED	4	DYQCHDJS	ADDR JST/DJST TO CHAIN NEW DJST
28	(1C)	SIGNED	4	DYQRFBSY	RETURN ADDR WHEN BUSY CLEARS
32	(20)	ADDRESS	4	DYQFDJAD	PTR TO FIRST DJST IN STOR.
36	(24)	ADDRESS	4	DYQCDJAD	PTR TO CURRENT DJST
40	(28)	ADDRESS	4	DYQFCENT	PTR TO FIRST CSBT ENTRY
44	(2C)	ADDRESS	4	DYQCCENT	PTR TO CURRENT CSBT ENTRY
48	(30)	ADDRESS	4	DYQBASAD	BASE REG SAVE AREA
52	(34)	SIGNED	4	(0)	ALIGN TO FULLWORD
52	(34)	BITSTRING	12	DYQCFDB	CURRENT FDB TO RD/WR/REL 2
64	(40)	BITSTRING	12	DYQNCFDB	NEXT CURRENT FDB TO RD/WR/REL
76	(4C)	SIGNED	2	DYQBUFNO	CURRENT DJST BUFFER NUMBER
78	(4E)	SIGNED	2	DYQRSVD	RESERVED FOR DEVELOPMENT
80	(50)	SIGNED	4	DYQBCHJ	ADDR OF BATCH JST BUFFER
84	(54)	SIGNED	4	DYQBSTEP	ADDR OF CURRENT STEP ENTRY
88	(58)	SIGNED	4	DYQBUFSV	MISC. BUFFER SAVE AREA
92	(5C)	SIGNED	4	DYQDCFDB	PTR TO FDB FOR DYCOUNTU I/O
96	(60)	SIGNED	2	DYQDYBNO	DYCOUNTU RTN BUFFER COUNTER
98	(62)	SIGNED	2	DYQRSVD3	Reserved for IBM

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

				DSQDSCTR is within the scope of a single job and will never be large enough to require a fullword. However, it is defined as a fullword to make it more convenient to manipulate in conjunction with DSNUSECT.	

				End of Comment	
100	(64)	SIGNED	4	DYQDSCTR	Number of times data set used by current job
104	(68)	SIGNED	4	DYQREGSV (6)	MISC. REGISTER SAVE AREA
				Comment	

				THE FOLLOWING LABELS MAP THE 6 WORDS AT DYQREGSV, AS USED BY THE DYCOUNTU AND DYCJSTCH ROUTINES IN IATDYDR.	

				End of Comment	
104	(68)	SIGNED	4	DYQSVR14	SAVE AREA FOR INPUT REG 14
108	(6C)	SIGNED	4	DYQSVDSN	SAVE AREA FOR SETDSN
112	(70)	SIGNED	4	DYQSVSLT	SAVE AREA FOR DJST SLOT
116	(74)	SIGNED	4	DYQTSAV6	SAVE AREA FOR DYNTSAV6
120	(78)	SIGNED	4	DYQTSAV7	SAVE AREA FOR DYNTSAV7
124	(7C)	SIGNED	4	DYQSVR4	SAVE AREA FOR INPUT REG 4
128	(80)	SIGNED	4	DYQRSVD2 (6)	RESERVED FOR DEVELOPMENT
152	(98)	SIGNED	4	DYQRSVS1 (7)	RESERVED FOR SERVICE
180	(B4)	SIGNED	2	DYQCHPR	COUNT OF CHG DDN ENTRIES
182	(B6)	SIGNED	2	DYQERPN	REL POS OF ECF 1
184	(B8)	BITSTRING	12	DYQLWFDB	LAST WRITE FDB
196	(C4)	BITSTRING	1	DYQSTPNO	BINARY STEP NUMBER
197	(C5)	BITSTRING	1	DYQFLG1	FLAG BYTE 1
		1...		DYQALLOC	"X'80'" ALLOC REQUEST
		.1..		DYQDJSTR	"X'40'" READ DJST ACTIVE
		..1.		DYQJSTR	"X'20'" READ JST ACTIVE
		...1		DYQUNAL	"X'10'" UNALLOC REQUEST
		.... 1...		DYQRPDJS	"X'08'" RELEASE PREVIOUS DJST
		.... .1..		DYQWFDJS	"X'04'" WRITE THE 1ST DJST
		.... ..1.		DYQDJSW	"X'02'" WRITE DJST ACTIVE
		1		DYQJSTW	"X'01'" WRITE JST ACTIVE
198	(C6)	BITSTRING	1	DYQFLG2	FLAG BYTE 2
		1...		DYQFDJST	"X'80'" 1ST DJST CREATE IN PROGRESS
		.1..		DYQNDJST	"X'40'" NEW DJST
		..1.		DYQBSYB	"X'20'" AGETBUF BUSY
		...1		DYQBSYRD	"X'10'" READ MUST BE REISSUED
		.... 1...		DYQBSYWR	"X'08'" WRITE MUST BE REISSUED
		.... .1..		DYQCHGDD	"X'04'" CHANGE DDNAME REQUEST
		.... ..1.		DYQADJST	"X'02'" ACTIVE DJST ENTRY EXISTS
		1		DYQCHDD	"X'01'" CHG DDN MADE IN THIS DJST
199	(C7)	BITSTRING	1	DYQFLG3	FLAG BYTE 3
		1...		DYQACOMP	"X'80'" ALLOCATIONS COMPLETE
		.1..		DYQPDJST	"X'40'" NEW 1ST DJST PREALLOCATED
		..1.		DYQFDTMP	"X'20'" TEMP ALTERED JST CHAIN FDB
		...1		DYQDCSBT	"X'10'" CSBT STRUCTURE IS IN USE
		.... 1...		DYQSERFR	"X'08'" FIRST DJST IS SERIALIZED
		.... .1..		DYQSERBS	"X'04'" BUSY COND AT SERIALIZATION
		.... ..1.		DYQJSTIN	"X'02'" JST HAS BEEN READ IN
		1		DYQNJST	"X'01'" READ FOR NTH JST ACTIVE
200	(C8)	BITSTRING	6	DYQJST	SAVE AREA FOR JST CHAIN FLD
206	(CE)	BITSTRING	1	DYQFLG4	FLAG BYTE 4

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		1...		DYQFDDJS	"X'80'" TEMP ALTERED DJST CHAIN FDB
		.1..		DYQDYCO	"X'40'" DYCOUNTU RTN READING DJST
		..1.		DYQSCNCT	"X'20'" DSN USES BEING COUNTED (DSNSCNCT WAS INCREMENTED)
207	(CF)	BITSTRING	1	DYQRSH0	RESERVED FOR DEVELOPMENT
208	(D0)	SIGNED	4	DYQRSH1	RESERVED FOR DEVELOPMENT
212	(D4)	SIGNED	4	DYQJOBNO	Binary job number
216	(D8)	SIGNED	4	DYQRSH3	RESERVED FOR USER
216	(D8)	X'DC'	0	DYQEND	"*" END OF DYQ
216	(D8)	X'DC'	0	DYQSIZE	"(DYQEND-DYQSTART)" SIZE OF DYQ
216	(D8)	X'D8'	0	DYQCLRSZ	"(DYQEND-DYQNTRY)" SIZE OF THE DYQ ENTRY TO CLEAR

IATYDYQ Cross Reference

Name	Hex Offset	Hex Value
DYQACOMP	C7	80
DYQADJST	C6	2
DYQALLOC	C5	80
DYQBASAD	30	
DYQBCHJ	50	
DYQBSTEP	54	
DYQBSYB	C6	20
DYQBSYRD	C6	10
DYQBSYWR	C6	8
DYQBUFNO	4C	0
DYQBUFSV	58	
DYQCCENT	2C	
DYQCDJAD	24	
DYQCFDB	34	0
DYQCHDD	C6	1
DYQCHDJS	18	0
DYQCHGDD	C6	4
DYQCHPR	B4	0
DYQCLRSZ	D8	D8
DYQDCFDB	5C	
DYQDCSBT	C7	10
DYQDJSTR	C5	40
DYQDJSW	C5	2
DYQDSCTR	64	
DYQDYBNO	60	
DYQDYCO	CE	40
DYQEND	D8	DC
DYQERPN	B6	0
DYQFCENT	28	
DYQFDDJS	CE	80
DYQFDJAD	20	
DYQFDJST	C6	80
DYQFDTMP	C7	20
DYQFLG1	C5	0
DYQFLG2	C6	0
DYQFLG3	C7	0
DYQFLG4	CE	0
DYQID	0	
DYQJOBNO	D4	
DYQJST	C8	
DYQJSTIN	C7	2
DYQJSTR	C5	20
DYQJSTW	C5	1
DYQLWFDB	B8	0
DYQNCFDB	40	0
DYQNDJST	C6	40
DYQNJST	C7	1
DYQNTRY	4	
DYQPDJST	C7	40
DYQPDSA	4	0
DYQPECF	C	0
DYQPMPC	10	0
DYQPRSQ	8	0
DYQREGSV	68	
DYQRFBSY	1C	0
DYQRFIO	14	0
DYQRPDJS	C5	8
DYQRSH0	CF	
DYQRSH1	D0	
DYQRSH3	D8	
DYQRSVD	4E	0
DYQRSVD2	80	
DYQRSVD3	62	
DYQRSVS1	98	
DYQSCNCT	CE	20
DYQSERBS	C7	4
DYQSERFR	C7	8
DYQSIZE	D8	DC
DYQSTART	0	
DYQSTPNO	C4	0
DYQSVDSN	6C	
DYQSVR14	68	
DYQSVR4	7C	
DYQSVSLT	70	
DYQTSAV6	74	
DYQTSAV7	78	
DYQUNAL	C5	10
DYQWFDJS	C5	4

IATYDYR Heading Information

Common Name: DYNAMIC ALLOCATION RECORD CONTROL BLOCK
Macro ID: IATYDYR
DSECT Name: IATYDYR
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: DYR
Offset: 0
Length: 4
Storage Attributes: Main Storage: SUBPOOL 255
Auxiliary Storage: N/A
Size: 32 Bytes
Created by: IATSICA
Pointed to by: AWADYR in IATYAWA
Serialization: None
Function: Used by a local processor to record which dynamic allocations have been bypassed from Global MDS processing.

IATYDYR Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	IATYDYR	*
0	(0)	CHARACTER	4	DYRDYR	DUMP LOCATOR
4	(4)	SIGNED	4	DYRCHAIN	NEXT (LIFO) DYR ENTRY
8	(8)	BITSTRING	1	DYRFLAG	FLAGS
		1...		DYRBYP	"X'80'" DYNAL BYPASSED FROM MDS
		.1..		DYRDYFCT	"X'40'" DYNAL SENT TO NEW FCT.

Comment

NO DYR ENTRY EXISTS FOR DYNALS SENT TO MDS FCT.

End of Comment

9	(9)	BITSTRING	1	DYRSTEP	STEP NUMBER WHEN DYNAL OCCRD
10	(A)	CHARACTER	8	DYRDDNAM	DDNAME OF DYNALLOC
18	(12)	SIGNED	2	DYRRPN	RELATIVE POSITION NUMBER.
20	(14)	SIGNED	2	DYRBUFNO	DJST BUFFER NUMBER
22	(16)	SIGNED	2	DYRRSVD1	RESERVED FOR DEVELOPMENT
24	(18)	SIGNED	4		RESERVED FOR JES3
28	(1C)	SIGNED	4		AVAILABLE FOR USER.
32	(20)	BITSTRING	1	DYRSIZE (0)	CONTROL BLOCK LENGTH.
32	(20)	X'FF'	0	DYRPOOL	"255" LSQA SUBPOOL FOR DYR

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IATYDYR Cross Reference

Name	Hex Offset	Hex Value
DYRBUFNO	14	
DYRBYP	8	80
DYRCHAIN	4	
DYRDDNAM	A	
DYRDYFCT	8	40
DYRDYR	0	C4E8D940
DYRFLAG	8	
DYRPOOL	20	FF
DYRRPN	12	
DYRRSVD1	16	
DYRSIZE	20	
DYRSTEP	9	
IATYDYR	0	

IATYD037 Heading Information

Common Name: DM037 Abend Reason Codes
Macro ID: IATYD037
DSECT Name: None
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: NONE
Storage Attributes: Main Storage: N/A
Virtual Storage: N/A
Auxiliary Storage: N/A
Subpool: N/A
Key: N/A
Data Space: N/A
Residency: N/A
Size: N/A
Created by: N/A
Pointed to by: N/A
Serialization: NONE
Function: This macro contains the equates for the DM037 abend reason codes.

IATYD037 Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0		
		1		D037R001	"X'0001'" Reason code 1

Comment

```
-----------------------------------------------------------
      Reason Code 2
      An IATXBPL error occurred while attempting to create
      the VIO element cellpool during IATXVIO JOBVAL_INIT
      processing.
      Debugging Information:
        R2 = IATXBPL return code
-----------------------------------------------------------
```

End of Comment

	.... ..1.	D037R002	"X'0002'" Reason code 2

Comment

```
-----------------------------------------------------------
      Reason Code 3
      An IATXGCL error occurred while attempting to get a
      VIO cell from the cellpool during IATXVIO ADD_READ
      processing.
      Debugging Information:
        R2 = IATXGCL return code
        R7 = VIW address
        R13 = JVD address
-----------------------------------------------------------
```

End of Comment

	11	D037R003	"X'0003'" Reason code 3

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
					---------- Reason Code 4 The VIO element for the requested spool record could not be found for an IATXVIO ADD_WRITE request. Debugging Information: R7 = VIW address R13 = JVD address ----------
				End of Comment	
		.... .1..		D037R004	"X'0004'" Reason code 4
				Comment	
					---------- Reason Code 5 The VIO element for the requested spool record could not be found for an IATXVIO GET request. Debugging Information: R7 = VIW address R13 = JVD address ----------
				End of Comment	
		.... .1.1		D037R005	"X'0005'" Reason code 5
				Comment	
					---------- Reason Code 6 The VIO element for the requested spool record could not be found for an IATXVIO DELETE request. Debugging Information: R7 = VIW address R13 = JVD address ----------
				End of Comment	
		.... .11.		D037R006	"X'0006'" Reason code 6
				Comment	
					---------- Reason Code 7 The VIO element for the requested spool record could not be found for an IATXVIO WRITE_CHECK request. Debugging Information: R7 = VIW address R13 = JVD address ----------
				End of Comment	
		.... .111		D037R007	"X'0007'" Reason code 7

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

```
-----------------------------------------------------------
      Reason Code 8
      The VIO element for the requested spool record could
      not be found for an IATXVIO EXTRACT request.
      Debugging Information:
        R7 = VIW address
        R13 = JVD address
-----------------------------------------------------------
```

					End of Comment
	....	1...		D037R008	"X'0008'" Reason code 8
					Comment

```
-----------------------------------------------------------
      Reason Code 9
      An IATXVIO ADD_WRITE request was issued but the
      caller did not successfully complete a read request
      for this spool record (i.e. an IATXVIO ADD_READ
      was not done or the read I/O did not complete
      successfully.
      Debugging Information:
        R2 = Byte 1 = 0
             Byte 2 = 0
             Byte 3 = VIO read status flag 1 (VIORFLG1)
             Byte 4 = VIO read status flag 2 (VIORFLG2)
        R6 = VIO address
        R7 = VIW address
        R13 = JVD address
-----------------------------------------------------------
```

					End of Comment
	....	1..1		D037R009	"X'0009'" Reason code 9
					Comment

```
-----------------------------------------------------------
      Reason Code 10 (X'000A')
      An IATXVIO ADD_WRITE request was issued but there
      is another write request pending for this spool
      record.
      Debugging Information:
        R2 = Byte 1 = 0
             Byte 2 = 0
             Byte 3 = VIO write status flag 1 (VIOWFLG1)
             Byte 4 = VIO write status flag 2 (VIOWFLG2)
        R6 = VIO address
        R7 = VIW address
        R13 = JVD address
-----------------------------------------------------------
```

					End of Comment
	....	1.1.		D037R010	"X'000A'" Reason code 10

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- Reason Code 11 (X'000B') An IATXVIO ADD_WRITE request was issued and the control block id does not match the one provided when the spool record was read. Debugging Information: R2 = Bad control block id R6 = VIO address R7 = VIW address R13 = JVD address ----------
					End of Comment
	....	1.11		D037R011	"X'000B'" Reason code 11
					Comment
					---------- Reason Code 12 (X'000C') An IATXIOX service returned indicating that the write I/O has not completed for an IATXVIO WRITE_CHECK request (even though we think it has completed). Debugging Information: R6 = VIO address R7 = VIW address R13 = JVD address ----------
					End of Comment
	....	11..		D037R012	"X'000C'" Reason code 12
					Comment
					---------- Reason Code 13 (X'000D') An IATXRCL error occurred while attempting to free a VIO cell during IATXVIO DELETE processing. Debugging Information: R2 = IATXRCL return code R6 = VIO address R7 = VIW address R13 = JVD address ----------
					End of Comment
	....	11.1		D037R013	"X'000D'" Reason code 13

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

					Reason Code 14 (X'000E')
					An IATXVIO WRITE_CHECK request was issued and it was
					determined that the read I/O did not complete
					successfully.
					Debugging Information:
					R2 = Byte 1 - Read status flag 1 (VIORFLG1)
					Byte 2 - Read status flag 1 (VIORFLG2)
					Byte 3 - Write status flag 1 (VIOWFLG1)
					Byte 4 - Write status flag 1 (VIOWFLG2)
					R6 = VIO address
					R7 = VIW address
					R13 = JVD address

					End of Comment
		....	111.	D037R014	"X'000E'" Reason code 14
					Comment

					Reason Code 15 (X'000F')
					An IATXVIO WRITE_CHECK request was issued and it was
					determined that an IATXVIO ADD_WRITE request was
					not issued for this spool record.
					Debugging Information:
					R2 = Byte 1 - Read status flag 1 (VIORFLG1)
					Byte 2 - Read status flag 1 (VIORFLG2)
					Byte 3 - Write status flag 1 (VIOWFLG1)
					Byte 4 - Write status flag 1 (VIOWFLG2)
					R6 = VIO address
					R7 = VIW address
					R13 = JVD address

					End of Comment
		....	1111	D037R015	"X'000F'" Reason code 15
					Comment

					Reason Code 16 (X'0010')
					During IATXVIO INITIATE processing, an IATXSIO
					single read request returned indicating that an
					error occurred.
					Debugging Information:
					R3 = DMC address
					R6 = VIO address
					R7 = VIW address
					R13 = JVD address

					End of Comment
		...1	....	D037R016	"X'0010'" Reason code 16

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

```
-----------------------------------------------------------
      Reason Code 17 (X'0011')
      During IATXVIO INITIATE processing, an IATXSIO
      multi-read request returned indicating that an
      error occurred.
      Debugging Information:
        R3 = First DMC address in multi-read DMC chain
        R6 = VIO address
        R7 = VIW address
        R13 = JVD address
-----------------------------------------------------------
```

					End of Comment
		...1	...1	D037R017	"X'0011'" Reason code 17
					Comment

```
-----------------------------------------------------------
      Reason Code 18 (X'0012')
      During IATXVIO INITIATE processing, an AWRITE
      request returned indicating that an error occurred.
      Debugging Information:
        R2 = Dump code returned from AWRITE
        R3 = Reason code returned from AWRITE
        R6 = VIO address
        R7 = VIW address
        R13 = JVD address
-----------------------------------------------------------
```

					End of Comment
		...1	..1.	D037R018	"X'0012'" Reason code 18
					Comment

```
-----------------------------------------------------------
      Reason Code 19 (X'0013')
      During IATXVIO INITIATE processing, an AWRITE
      request returned indicating that it was unable to
      initiate the I/O (i.e. the AWRITE BUSY exit was
      taken).
      Debugging Information:
        R6 = VIO address
        R7 = VIW address
        R13 = JVD address
-----------------------------------------------------------
```

					End of Comment
		...1	..11	D037R019	"X'0013'" Reason code 19

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

Comment

```
-----------------------------------------------------------
      Reason Code 20 (X'0014')
      During IATXVIO ADD_READ processing, a VIO element
      was found on the chain having the same spool address
      of the spool record being added.
      Debugging Information:
        R2 = First four bytes of spool address
        R3 = Byte 1 - fifth byte of spool address
             Byte 2 - sixth byte of spool address
             Byte 3 - zero
             Byte 4 - zero
        R6 = VIO address associated with spool address
        R7 = VIW address
        R13 = JVD address
-----------------------------------------------------------
```

End of Comment

		...1 .1..		D037R020	"X'0014'" Reason code 20

Comment

```
-----------------------------------------------------------
      Reason Code 21 (X'0015')
      During IATXVIO WRITE_CHECK processing, it was
      determined that the AWRITE request used to initiate
      the write I/O was unsuccessful. This reason code
      is used to cause the calling FCT's recovery
      routine to be entered.
      Debugging Information:
        None. This reason code is used to cause the
        calling FCT's recovery routine to be entered.
        Diagnostic information has already been provided
        by the INITIATE service when the AWRITE error
        was detected.
-----------------------------------------------------------
```

End of Comment

		...1 .1.1		D037R021	"X'0015'" Reason code 21

Comment

```
-----------------------------------------------------------
      Reason Code 22 (X'0016')
      A VIW already existed when an IATXVIO FCT_INIT
      request was issued (probably caused by more than
      one IATXVIO FCT_INIT request).
      Debugging Information:
        R7 = VIW address
-----------------------------------------------------------
```

End of Comment

		...1 .11.		D037R022	"X'0016'" Reason code 22

IATYD037 Cross Reference

Name	Hex Offset	Hex Value
D037R001	0	1
D037R002	0	2
D037R003	0	3
D037R004	0	4
D037R005	0	5
D037R006	0	6
D037R007	0	7
D037R008	0	8
D037R009	0	9
D037R010	0	A
D037R011	0	B
D037R012	0	C
D037R013	0	D
D037R014	0	E
D037R015	0	F
D037R016	0	10
D037R017	0	11
D037R018	0	12
D037R019	0	13
D037R020	0	14
D037R021	0	15
D037R022	0	16

IATYD671 Heading Information

Common Name: DM671 Abend Reason Codes
Macro ID: IATYD671
DSECT Name: None
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: NONE
Storage Attributes: Main Storage: N/A
Virtual Storage: N/A
Auxiliary Storage: N/A
Subpool: N/A
Key: N/A
Data Space: N/A
Residency: N/A
Size: N/A
Created by: N/A
Pointed to by: N/A
Serialization: NONE
Function: This macro contains the equates for the DM671 abend reason codes.

IATYD671 Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0		
		1		D671R001	"X'0001'" Reason code 1

Comment

```
-----------------------------------------------------------
      Reason Code 2
      The number of fields to be modified in the IATXSWBU
      parameter list is greater than the maximum number
      of fields.
      Debugging Information:
        R2 = Number of fields to be modified
        R3 = Maximum number of fields
-----------------------------------------------------------
```

End of Comment

	.... ..1.	D671R002	"X'0002'" Reason code 2

Comment

```
-----------------------------------------------------------
      Reason Code 3
      The data length associated with one of the fields to
      be modified is not equal to the maximum data length.
      Debugging Information:
        R2 = Current data length
        R3 = Maximum data length
        R4 = Address of IATXSWBU variable entry in
             error.
-----------------------------------------------------------
```

End of Comment

	11	D671R003	"X'0003'" Reason code 3

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IATYD671 Cross Reference

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

```
----------------------------------------------------------
      Reason Code 4
      The data address associated with one of the fields
      to be modified is non-zero but the data length
      is zero.
      Debugging Information:
        R4 = Address of IATXSWBU variable entry in
             error.
----------------------------------------------------------
```

				End of Comment	
		.... .1..		D671R004	"X'0004'" Reason code 4
				Comment	

```
----------------------------------------------------------
      Reason Code 5
      The SWB TU prefix in the output SWB TU file read
      from spool does not contain the correct eye
      catcher.
      Debugging Information:
        R2 = SWB TU prefix address
----------------------------------------------------------
```

				End of Comment	
		.... .1.1		D671R005	"X'0005'" Reason code 5
				Comment	

```
----------------------------------------------------------
      Reason Code 6
      The size of the SWB TU record does not match the
      total size of the record returned by ADEBLOCK.
      Debugging Information:
        R2 = SWB TU prefix address
        R3 = Size of record returned by ADEBLOCK
----------------------------------------------------------
```

				End of Comment	
		.... .11.		D671R006	"X'0006'" Reason code 6

IATYD671 Cross Reference

Name	Hex Offset	Hex Value
D671R001	0	1
D671R002	0	2
D671R003	0	3
D671R004	0	4
D671R005	0	5
D671R006	0	6

IATYD759 Heading Information

Common Name: DM759 ABEND Reason Codes
Macro ID: IATYD759
DSECT Name: NONE
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: N/A
Auxiliary Storage: N/A
Size: N/A
Created by: N/A
Pointed to by: N/A
Serialization: N/A
Function: Provide equates for the DM759 ABEND reason codes.

IATYD759 Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
		1		R759CD01	"X'01'" IATINM3 - failure during IXZXIXAT (Attach)
		.... ..1.		R759CD02	"X'02'" IATINM3 - failure during IXZXIXMB (mail box build for the default mail box)
		11		R759CD03	"X'03'" IATINM3 - failure during IXZXIXMD (mailbox delete for the default mail box)
		.... .1..		R759CD04	"X'04'" IATINM3 - failure during 0113 IXCQUERY (Old global 0113 checking if all active 0113 mains have reconnected) 0113
		.... .1.1		R759CD05	"X'05'" IATINM3 - failure during IXZXIXUS (user state update for ARM)
		.... .11.		R759CD06	"X'06'" IATINM3 - reserved
		.... .111		R759CD07	"X'07'" IATINM3 - reserved
		.... 1...		R759CD08	"X'08'" IATINM3 - reserved
		.... 1..1		R759CD09	"X'09'" IATSSDS - failure during DSQLOC (mailbox not created for DESTQ)
		.... 1.1.		R759CD0A	"X'0A'" IATSSDS - failure during DSQLOC (IXZXIXRM failed)
		.... 1.11		R759CD0B	"X'0B'" IATSSDS - failure during DSQLOC (unable to locate matching MPC for the system that sent the current message)
		.... 11..		R759CD0C	"X'0C'" IATSSDS - invalid envelope returned from JESXCF Receive Message
		.... 11.1		R759CD0D	"X'0D'" IATSSDS - failure during DSQLOC (msg delivered to wrong mailbox)
		.... 111.		R759CD0E	"X'0E'" IATSSDS - Invalid staging area returned from JESXCF Receive Message
		 1111		R759CD0F	"X'0F'" IATSSDS - failure during DSQLOC reserved
		...1		R759CD10	"X'10'" IATSSDS - failure during DSQLOC reserved
		...1 ...1		R759CD11	"X'11'" IATSSDS - failure during DLOCON (IXZXIXMB failed)
		...1 ..1.		R759CD12	"X'12'" IATSSDS - failure during DLOCON reserved
		...1 ..11		R759CD13	"X'13'" IATSSDS - failure during DLOCON reserved
		...1 .1..		R759CD14	"X'14'" IATSSDS - failure during DLOCON reserved
		...1 .1.1		R759CD15	"X'15'" IATSSDS - failure during DLOCON reserved
		...1 .11.		R759CD16	"X'16'" IATSSDS - failure during DLOCON reserved
		...1 .111		R759CD17	"X'17'" IATSSDS - failure during DLOCON reserved
		...1 1...		R759CD18	"X'18'" IATSSDS - failure during DLOCON reserved
		...1 1..1		R759CD19	"X'19'" IATSSDS - failure during DLOCOFF (IXZXIXAC failed)
		...1 1.1.		R759CD1A	"X'1A'" IATSSDS - failure during DLOCOFF (IXZXIXMD failed)
		...1 1.11		R759CD1B	"X'1B'" IATSSDS - failure during DLOCOFF reserved
		...1 11..		R759CD1C	"X'1C'" IATSSDS - failure during DLOCOFF reserved
		...1 11.1		R759CD1D	"X'1D'" IATSSDS - failure during DLOCOFF reserved
		...1 111.		R759CD1E	"X'1E'" IATSSDS - failure during DLOCOFF reserved

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		...1 1111		R759CD1F	"X'1F'" IATSSDS - failure during DLOCOFF reserved
		..1.		R759CD20	"X'20'" IATSSDS - failure during DLOCOFF reserved
		..1. ...1		R759CD21	"X'21'" IATSSRN - failure (invalid routine index)
		..1. ..1.		R759CD22	"X'22'" IATSSRN - failure (IXZXIXMD failed)
		..1. ..11		R759CD23	"X'23'" IATSSRN - failure reserved
		..1. .1..		R759CD24	"X'24'" IATSSRN - failure reserved
		..1. .1.1		R759CD25	"X'25'" IATSSRN - failure reserved
		..1. .11.		R759CD26	"X'26'" IATSSRN - failure reserved
		..1. .111		R759CD27	"X'27'" IATSSRN - failure reserved
		..1. 1...		R759CD28	"X'28'" IATSSRN - failure reserved
		..1. 1..1		R759CD29	"X'29'" IATMSDR - failure (Mailbox build)
		..1. 1.1.		R759CD2A	"X'2A'" IATMSDR - failure (Initial Mailbox Clear)
		..1. 1.11		R759CD2B	"X'2B'" IATMSDR - failure (IXZXIXIF Error)
		..1. 11..		R759CD2C	"X'2C'" IATMSDR - failure (IXZXIXRM Error)
		..1. 11.1		R759CD2D	"X'2D'" IATMSDR - failure (IXZXIXAC Error)
		..1. 111.		R759CD2E	"X'2E'" IATMSDR - failure ("Connect Request" IXZXIXSM Error)
		..1. 1111		R759CD2F	"X'2F'" IATMSDR - failure (IXZXIXCN Error flowing messages to the connecting system)
		..11		R759CD30	"X'30'" IATMSDR - failure ("Allow Connect" IXZXIXSM Error)
		..11 ...1		R759CD31	"X'31'" IATMSDR - failure (IXZXIXIF Error after GEPL was received)
		..11 ..1.		R759CD32	"X'32'" IATMSDR - failure (IXZXIXCN Error resetting JESXCF connect state)
		..11 ..11		R759CD33	"X'33'" IATMSDR - failure (Invalid envelope returned from JESXCF Receive message)
		..11 .1..		R759CD34	"X'34'" IATMSDR - failure (IXZXIXUS failed)
		..11 .1.1		R759CD35	"X'35'" IATMSDR - failure reserved
		..11 .11.		R759CD36	"X'36'" IATMSDR - failure reserved
		..11 .111		R759CD37	"X'37'" IATMSDR - failure reserved
		..11 1...		R759CD38	"X'38'" IATMSDR - failure reserved
		..11 1..1		R759CD39	"X'39'" IATMSR1 - failure (IXZXIXCN failed)
		..11 1.1.		R759CD3A	"X'3A'" IATMSR1 - failure (IXZXIXSM failed for a single message)
		..11 1.11		R759CD3B	"X'3B'" IATMSR1 - failure (IXZXIXSM failed for the first segment of a multi-segment message)
		..11 11..		R759CD3C	"X'3C'" IATMSR1 - failure (IXZXIXSM failed for the n-th segment of a multi-segment message)
		..11 11.1		R759CD3D	"X'3D'" IATMSR1 - failure (IXZXIXSM failed for the last segment of a multi-segment message)
		..11 111.		R759CD3E	"X'3E'" IATMSR1 - Storage obtain 0079 for IATYJLSI failed 0079
		..11 1111		R759CD3F	"X'3F'" IATMSR1 - IEAMSCHD returned 0079 non-zero return code 0079
		.1..		R759CD40	"X'40'" IATMSR1 - failure reserved
		.1.. ...1		R759CD41	"X'41'" IATMSR2 - failure reserved
		.1.. ..1.		R759CD42	"X'42'" IATMSR2 - failure reserved
		.1.. ..11		R759CD43	"X'43'" IATMSR2 - failure reserved
		.1.. .1..		R759CD44	"X'44'" IATMSR2 - failure reserved
		.1.. .1.1		R759CD45	"X'45'" IATMSR2 - failure reserved
		.1.. .11.		R759CD46	"X'46'" IATMSR2 - failure reserved
		.1.. .111		R759CD47	"X'47'" IATMSR2 - failure reserved
		.1.. 1...		R759CD48	"X'48'" IATMSR2 - failure reserved
		.1.. 1..1		R759CD49	"X'49'" IATMSR3 - failure (IXZXIXCN failed)
		.1.. 1.1.		R759CD4A	"X'4A'" IATMSR3 - failure reserved
		.1.. 1.11		R759CD4B	"X'4B'" IATMSR3 - failure reserved
		.1.. 11..		R759CD4C	"X'4C'" IATMSR3 - failure reserved
		.1.. 11.1		R759CD4D	"X'4D'" IATMSR3 - failure reserved
		.1.. 111.		R759CD4E	"X'4E'" IATMSR3 - failure reserved
		.1.. 1111		R759CD4F	"X'4F'" IATMSR3 - failure reserved
		.1.1		R759CD50	"X'50'" IATMSR3 - failure reserved
		.1.1 ...1		R759CD51	"X'51'" IATDSI1 - failure (IXZXIXUS failed)
		.1.1 ..1.		R759CD52	"X'52'" IATDSI1 - failure (IXCTERM failed)
		.1.1 ..11		R759CD53	"X'53'" IATDSI1 - failure reserved
		.1.1 .1..		R759CD54	"X'54'" IATDSI1 - failure reserved

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.1.1 .1.1		R759CD55	"X'55'" IATDSI1 - failure reserved
		.1.1 .11.		R759CD56	"X'56'" IATDSI1 - failure reserved
		.1.1 .111		R759CD57	"X'57'" IATDSI1 - failure reserved
		.1.1 1...		R759CD58	"X'58'" IATDSI1 - failure reserved

IATYD759 Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
R759CD0A	0	A	R759CD32	0	32
R759CD0B	0	B	R759CD33	0	33
R759CD0C	0	C	R759CD34	0	34
R759CD0D	0	D	R759CD35	0	35
R759CD0E	0	E	R759CD36	0	36
R759CD0F	0	F	R759CD37	0	37
R759CD01	0	1	R759CD38	0	38
R759CD02	0	2	R759CD39	0	39
R759CD03	0	3	R759CD4A	0	4A
R759CD04	0	4	R759CD4B	0	4B
R759CD05	0	5	R759CD4C	0	4C
R759CD06	0	6	R759CD4D	0	4D
R759CD07	0	7	R759CD4E	0	4E
R759CD08	0	8	R759CD4F	0	4F
R759CD09	0	9	R759CD40	0	40
R759CD1A	0	1A	R759CD41	0	41
R759CD1B	0	1B	R759CD42	0	42
R759CD1C	0	1C	R759CD43	0	43
R759CD1D	0	1D	R759CD44	0	44
R759CD1E	0	1E	R759CD45	0	45
R759CD1F	0	1F	R759CD46	0	46
R759CD10	0	10	R759CD47	0	47
R759CD11	0	11	R759CD48	0	48
R759CD12	0	12	R759CD49	0	49
R759CD13	0	13	R759CD50	0	50
R759CD14	0	14	R759CD51	0	51
R759CD15	0	15	R759CD52	0	52
R759CD16	0	16	R759CD53	0	53
R759CD17	0	17	R759CD54	0	54
R759CD18	0	18	R759CD55	0	55
R759CD19	0	19	R759CD56	0	56
R759CD2A	0	2A	R759CD57	0	57
R759CD2B	0	2B	R759CD58	0	58
R759CD2C	0	2C			
R759CD2D	0	2D			
R759CD2E	0	2E			
R759CD2F	0	2F			
R759CD20	0	20			
R759CD21	0	21			
R759CD22	0	22			
R759CD23	0	23			
R759CD24	0	24			
R759CD25	0	25			
R759CD26	0	26			
R759CD27	0	27			
R759CD28	0	28			
R759CD29	0	29			
R759CD3A	0	3A			
R759CD3B	0	3B			
R759CD3C	0	3C			
R759CD3D	0	3D			
R759CD3E	0	3E			
R759CD3F	0	3F			
R759CD30	0	30			
R759CD31	0	31			

IATYECF Programming Interface information

Programming Interface information

IATYECF

End of Programming Interface information

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IATYECF Heading Information

Common Name: ECF List Control Block used by Dynal FCT
Macro ID: IATYECF
DSECT Name: ECFSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: ECFE
Offset: 0
Length: 4
Storage Attributes: Subpool: Subpool 0 and JES
Key: JES key
Residency: Any
Size: 36 Bytes
Created by: IATINDY
Pointed to by: DYNPECF field of the DYN data area.
Serialization: None
Function: --RPN 0 is Staging Area ECF
--RPN N are I/O ECFS
--SLOTS are made available for reuse when processing for the request (ALLOCATION-DEALLOCATION-CHANGE DDNAME) is complete.

IATYECF Map

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

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

Comment

```
      ECF LIST CONTROL BLOCK (ELB)
01 Change Activity:
  $RC= SP110 HJS6601 950329 PD0VW: SP 1.1.0 SHOWHDR RUN
                                        0
```

End of Comment

0	(0)	CHARACTER	4	ECFEID	CONTROL BLOCK ID
4	(4)	SIGNED	4	ECFREGS (5)	REGISTER SAVE AREA
24	(18)	SIGNED	2	ECFUSE	IN USE ECF COUNT
26	(1A)	SIGNED	2	ECFRPN	RELATIVE POSITION NUMBER
28	(1C)	BITSTRING	1	ECFEFLG	ELB FLAG

Comment

```
-------------------------------------------------------------
      DEFINITION OF ELB FLAG
-------------------------------------------------------------
```

End of Comment

		1...		ECFINIT	"X'80'" ECF LIST INITIALIZED
		.1..		ECFUNAV	"X'40'" ECF UNAVAILABLE
		..1.		ECFOFF	"X'20'" AWAIT (TYPE=OFF) SPECIFIED
		...1		ECFONE	"X'10'" SINGLE ENTRY CHECK
29	(1D)	BITSTRING	1	ECFXRSV	RESERVED BYTE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
30	(1E)	SIGNED	2	ECFHRSV	RESERVED HALF WORD
32	(20)	SIGNED	2	ECFALOC	PREALLOCATED ECF COUNT 0245
34	(22)	SIGNED	2	ECFALOW	ALLOWED ECF COUNT 0245 THIS FIELD (FOR DYNAMIC 0262 ALLOCATION) IS CHKPOINTED 0262 IN DYNCKAL 0262

Comment

```
      END OF CHECKPOINTED SECTION 0
-------------------------------------------------------------
      ECF LIST MUST CONTAIN (2 ELBALOC) + 1 FULLWORDS.
      " + 1 " FOR EOF.
-------------------------------------------------------------
```

End of Comment

36	(24)	SIGNED	4	ECFLIST (0)	BEGINNING OF ECF LIST
36	(24)	SIGNED	4	ECFEND (0)	END OF ELB
36	(24)	X'24'	0	ECFLEN	"ECFEND-ECFSTRT" LENGTH OF ELB

Comment

```
      ECF List Control Block used by Dynal FCT
01 Change Activity:
   $PI= 511 HJS5511 940215 SP 5.1.1
```

End of Comment

IATYECF Cross Reference

Name	Hex Offset	Hex Value
ECFALOC	20	0
ECFALOW	22	0
ECFEFLG	1C	0
ECFEID	0	C5D3C240
ECFEND	24	
ECFHRSV	1E	0
ECFINIT	1C	80
ECFLEN	24	24
ECFLIST	24	
ECFOFF	1C	20
ECFONE	1C	10
ECFREGS	4	0
ECFRPN	1A	0
ECFSTRT	0	
ECFUNAV	1C	40
ECFUSE	18	0
ECFXRSV	1D	0

IATYEFB Heading Information

Common Name: EFB Abend Reason Codes
Macro ID: IATYEFB
DSECT Name: None
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes:
Size: N/A
Created by: N/A
Pointed to by: N/A
Serialization: N/A
Function: This macro contains the reason codes used for EFB abends.

IATYEFB Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
		1		REFBC001	"X'0001'" IATCNDIT - ASEXT error while attempting to extract address space parameters
		.... ..1.		REFBC002	"X'0002'" IATCNDIT - MCSOPER error while attempting to activate the JES3 DLOG console
		11		REFBC003	"X'0003'" IATCNDIT - CPOOL error while attempting to build the message cellpool
		.... .1..		REFBC004	"X'0004'" IATCNDIT - IXZXIXAT error while attempting to attach to the JESXCF group
		.... .1.1		REFBC005	"X'0005'" IATCNDIT - IXZXIXMB error while attempting to attach to default mailbox
		.... .11.		REFBC006	"X'0006'" IATCNDIT - IXZXIXMD error while attempting to delete the default mailbox
		.... .111		REFBC007	"X'0007'" IATCNDMS - MCSOPMSG error while attempting to get the next message
		.... 1...		REFBC008	"X'0008'" IATCNDMS - Non-zero return code from IATCNDFM
		.... 1..1		REFBC009	"X'0009'" IATCNDAL - Invalid function code
		.... 1.1.		REFBC010	"X'000A'" IATCNDIT - Invalid function code
		.... 1.11		REFBC011	"X'000B'" IATCNDTR - Invalid function code
		.... 11..		REFBC012	"X'000C'" IATCNDMS - Invalid message pointer cell returned by IATCNDFM
		.... 11.1		REFBC013	"X'000D'" IATCNDIT - Unable to setup task level RESMGR

IATYEFB Cross Reference

Name	Hex Offset	Hex Value
REFBC001	0	1
REFBC002	0	2
REFBC003	0	3
REFBC004	0	4
REFBC005	0	5
REFBC006	0	6
REFBC007	0	7
REFBC008	0	8
REFBC009	0	9
REFBC010	0	A
REFBC011	0	B
REFBC012	0	C
REFBC013	0	D

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IATYELB Programming Interface information

Programming Interface information

IATYELB

End of Programming Interface information

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IATYELB Heading Information

Common Name: ECF LIST CONTROL BLOCK (ELB)
Macro ID: IATYELB
DSECT Name: IATYELB
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: ELB
Offset: 0
Length: 4
Storage Attributes: Main Storage: SUBPOOL 0
Auxiliary Storage: Checkpoint dataset (header only)
Size: Variable
Created by: N/A
Pointed to by: N/A
Serialization: None
Function: CSECT/DSECT of an ECF list, required by the ECF list management routines.

IATYELB Map

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

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	ELBSTRT	
0	(0)	CHARACTER	4	ELBEID	CONTROL BLOCK ID
4	(4)	SIGNED	4	ELBREGS (5)	REGISTER SAVE AREA
24	(18)	SIGNED	2	ELBUSE	IN USE ECF COUNT
26	(1A)	SIGNED	2	ELBRPN	RELATIVE POSITION NUMBER
28	(1C)	BITSTRING	1	ELBEFLG	ELB FLAG

Comment

```
-----------------------------------------------------------
     DEFINITION OF ELB FLAG
-----------------------------------------------------------
```

End of Comment

		1...		ELBINIT	"X'80'" ECF LIST INITIALIZED
		.1..		ELBUNAV	"X'40'" ECF UNAVAILABLE
		..1.		ELBOFF	"X'20'" AWAIT (TYPE=OFF) SPECIFIED
		...1		ELBONE	"X'10'" SINGLE ENTRY CHECK
29	(1D)	BITSTRING	1	ELBXRSV	RESERVED BYTE
30	(1E)	SIGNED	2	ELBHRSV	RESERVED HALF WORD
32	(20)	SIGNED	2	ELBALOC	PREALLOCATED ECF COUNT 0245
34	(22)	SIGNED	2	ELBALOW	ALLOWED ECF COUNT 0245 THIS FIELD (FOR DYNAMIC 0262 ALLOCATION) IS CHKPOINTED 0262 IN DYNCKAL 0262

Comment

```
     END OF CHECKPOINTED SECTION 0
-----------------------------------------------------------
     ECF LIST MUST CONTAIN (2 ELBALOC) + 1 FULLWORDS.
     " + 1 " FOR EOF.
-----------------------------------------------------------
```

End of Comment

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
36	(24)	SIGNED	4	ELBLIST (0)	BEGINNING OF ECF LIST
36	(24)	SIGNED	4	ELBEND (0)	END OF ELB
36	(24)	X'24'	0	ELBLEN	"ELBEND-ELBSTRT" LENGTH OF ELB

IATYELB Cross Reference

Name	Hex Offset	Hex Value
ELBALOC	20	0
ELBALOW	22	0
ELBEFLG	1C	0
ELBEID	0	C5D3C240
ELBEND	24	
ELBHRSV	1E	0
ELBINIT	1C	80
ELBLEN	24	24
ELBLIST	24	
ELBOFF	1C	20
ELBONE	1C	10
ELBREGS	4	0
ELBRPN	1A	0
ELBSTRT	0	
ELBUNAV	1C	40
ELBUSE	18	0
ELBXRSV	1D	0

IATYENDR Heading Information

Common Name: Input Service ENDREQ Communication Area
Macro ID: IATYENDR
DSECT Name: ENDRSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Auxiliary Storage: N/A
Subpool: 0
Size: ENDRSIZE
Created by: IATSIBS
Pointed to by: Staging area sent from IATDMDM
Overlays ISCRAT in IATYISD, DMCSEEKC in IATDMDM, and JSAWORK in IATSIJS
Serialization: NONE
Function: This data area maps the communication area for the ENDREQ Susbsystem Interface call.

IATYENDR Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	ENDRSTRT	
0	(0)	SIGNED	2	ENDRLNG	Length of area
2	(2)	CHARACTER	8	ENDRJOBI	Job id returned, in EBCDIC
10	(A)	CHARACTER	1	ENDRAPPC	APPC indicator
11	(B)	BITSTRING	1	ENDRRSVD	Reserved for IBM

Comment

```
-----------------------------------------------------------
      End of data area.
-----------------------------------------------------------
```

End of Comment

11	(B)	X'C'	0	ENDREND	"*" End of IATYENDR
11	(B)	X'C'	0	ENDRSIZE	"ENDREND-ENDRSTRT" Size of IATYENDR
11	(B)	X'A'	0	ENDRDSIZ	"ENDREND-ENDRJOBI" Size of data (entire area excluding the length)

Comment

IATYENDR PREVIOUSLY GENERATED

End of Comment

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IATYEQU Programming Interface information

Programming Interface information

IATYEQU

End of Programming Interface information

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IATYEQU Heading Information

Common Name: JES3 STANDARD EQUATES
Macro ID: IATYEQU
DSECT Name: None
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: None
Virtual Storage: None
Auxiliary Storage: None
Size: N/A
Created by: N/A
Pointed to by: N/A
Serialization: N/A
Function: GENERATES A STANDARD SET OF EQUATES WHICH ARE USED THROUGHOUT JES3.

IATYEQU Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0		
0	(0)	X'0'	0	NOP	"0" NO OPERATION
0	(0)	X'F'	0	ALWAYS	"15" Unconditional branch 0084
		1111 1111		FF	"X'FF'" ALL BITS ON
0	(0)	X'F0'	0	CHARZERO	"C'0'" CHARACTER ZERO
0	(0)	X'F9'	0	CHARNINE	"C'9'" CHARACTER NINE
0	(0)	X'C1'	0	CHARA	"C'A'" CHARACTER A
0	(0)	X'C6'	0	CHARF	"C'F'" CHARACTER F
0	(0)	X'6B'	0	CHARCMMA	"C','" CHARACTER COMMA

Comment

```
-----------------------------------------------------------
      AFTER COMPARE INSTRUCTIONS
-----------------------------------------------------------
```

End of Comment

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

Comment

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

End of Comment

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

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- AFTER TEST UNDER MASK INSTRUCTIONS ----------	
				End of Comment	
0	(0)	X'1'	0	ALLON	"1" ALL ON
0	(0)	X'4'	0	MIXED	"4" MIXED
0	(0)	X'5'	0	NALLOFF	"5" ALLON+MIXED
0	(0)	X'8'	0	ALLOFF	"8" ALL OFF
0	(0)	X'C'	0	NALLON	"12" ALLOFF+MIXED
				Comment	
				---------- AFTER TEST AND SET INSTRUCTION ----------	
				End of Comment	
0	(0)	X'4'	0	LOCKED	"4" ONE I.E. LOCKED
0	(0)	X'8'	0	UNLOCKED	"8" ZERO I.E. UNLOCKED
				Comment	
				---------- AFTER LOAD REAL ADDRESS INSTRUCTION. ----------	
				End of Comment	
0	(0)	X'8'	0	INREAL	"8" PAGE IS IN REAL STORAGE
0	(0)	X'7'	0	NOTIREAL	"7" PAGE NOT IN REAL STORAGE
0	(0)	X'4'	0	SEGTBINV	"4" SEGMENT TABLE ENTRY INVALID
0	(0)	X'2'	0	PAGTBINV	"2" PAGE TABLE ENTRY INVALID
0	(0)	X'1'	0	LENTHINV	"1" LENGTH INVALID
				Comment	
				---------- SYMBOLS USED FOR ACCESS REGISTER MODE ----------	
				End of Comment	
0	(0)	X'200'	0	ARMODON	"512" TURN ACCESS REGISTER MODE ON
0	(0)	X'0'	0	ARMODOFF	"0" TURN ACCESS REGISTER MODE OFF
				Comment	
				---------- Data Space Related Equates ----------	
				End of Comment	
		....		DSPCMXSZ	"X'80000000'" Maximum data space size (2 Gigabytes)
				Comment	
				---------- JES3 SYSTEM LIMITS ----------	
				End of Comment	

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

0	(0)	X'21000'	0	J3TRCSZ	"135168" SIZE OF EVENT TRACE TABLE
0	(0)	X'1E018'	0	J3NUCTRC	"122904" SIZE OF NUC PATH TRACE TABLE
0	(0)	X'F018'	0	J3AUXTRC	"61464" SIZE OF AUX PATH TRACE TABLE
0	(0)	X'3FF'	0	J3TRCMAX	"1023" MAXIMUM SIZE OF USER DATA IN A TRACE ENTRY, IN WORDS
0	(0)	X'F423F'	0	MAXIMUM_JOB_NUMBER_ALLOWED	"999999" This is the largest job number allowed in the system.
0	(0)	X'FFFE'	0	MAXIMUM_COMPATIBLE_JOB	"65534" This is the largest job number containable in two bytes and therefore fallback-compatible with a release not supporting job numbers greater than 65534.
0	(0)	X'FFFF'	0	ACTIVE_LIMIT	"65535" This is the largest number of JES managed or WLM managed jobs that can be concurrently active on a single main.
0	(0)	X'7FFF'	0	MAXIMUM_JOBS_IN_DJC_NET	"32767" This is the maximum number of jobs that a single DJC net can contain.

Comment

The following equates are all used for decisions and actions related to job limits, but specifically are used for different purposes.

End of Comment

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

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

					SYMBOLS USED TO SET OR CLEAR A HIGH ORDER BIT

					End of Comment
		....		EQUHOBON	"X'80000000'" HIGH ORDER BIT ON
0	(0)	BITSTRING	0	EQUHOBOF	"X'7FFFFFFF'" HIGH ORDER BIT OFF
					Comment

					SYMBOLS USED FOR SECURITY

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

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

					End of Comment
0	(0)	X'9'	0	INTK_SHARED_SUBPOOL	"9" Shared subpool

IATYEQU Cross Reference

Name	Hex Offset	Hex Value
ACTIVE_LIMIT	0	FFFF
ALLOFF	0	8
ALLON	0	1
ALWAYS	0	F
ARMODOFF	0	0
ARMODON	0	200
CHARA	0	C1
CHARCMMA	0	6B
CHARF	0	C6
CHARNINE	0	F9
CHARZERO	0	F0
DSPCMXSZ	0	0
EQ	0	8
EQUHOBOF	0	FFFFFF
EQUHOBON	0	0
FF	0	FF
GE	0	B
GT	0	2
INREAL	0	8
INTK_SHARED_SUBPOOL	0	9
JOB_NUMBER_SHIFT	0	10
J3AUXTRC	0	F018
J3MAXMP	0	20
J3NUCTRC	0	1E018
J3TRCMAX	0	3FF
J3TRCSZ	0	21000
LE	0	D
LENTHINV	0	1
LOCKED	0	4
LT	0	4
MAXIMUM_COMPATIBLE_JOB	0	FFFE
MAXIMUM_JOB_NUMBER_ALLOWED	0	F423F
MAXIMUM_JOB_NUMBER_MASK	0	FFFF
MAXIMUM_JOBS_IN_DJC_NET	0	7FFF

Name	Hex Offset	Hex Value
MINUS	0	4
MIXED	0	4
NALLOFF	0	5
NALLON	0	C
NE	0	7
NMINUS	0	B
NOP	0	0
NOTIREAL	0	7
NOV	0	C
NPLUS	0	D
NZERO	0	7
OV	0	1
PAGTBINV	0	2
PLUS	0	2
SAFEXTSP	0	F0
SAFMSGSP	0	F0
SECTKNLN	0	50
SEGTBINV	0	4
SPECIAL_JOB_XFFFF	0	FFFF
TKNMAPLN	0	50
UNLIMITED_DSP_COUNT	0	F423F
UNLIMITED_JOB_COUNT	0	FFFFFF
UNLIMITED_JOB_COUNT2	0	FFFF
UNLOCKED	0	8
ZERO	0	8
ZEROS	0	8

IATYESW Programming Interface information

Programming Interface information

IATYESW

End of Programming Interface information

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IATYESW Heading Information

Common Name: Enhanced Status Work Area
Macro ID: IATYESW
DSECT Name: ESWSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: ESW
Offset: 2
Length: 4
Storage Attributes: Subpool: 0
Key: 1
Residency: ANY
Size: 200 Bytes
Created by: IATSIES
Pointed to by: None
Serialization: None
Function: This area maps the portion of the staging area used to communicate JES3 specific data when processing an enhanced Status request (SSI 80).

IATYESW Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	ESWSTART	DSECT start of ESW data area
0	(0)	SIGNED	2	ESWREQLN	Length of staging area request/reply area
0	(0)	X'0'	0	ESWREQST	"ESWREQLN" Request/Reply area
0	(0)	X'5E'	0	ESWSAPTR	"STADATA" Pointer in the staging area to the ESW
2	(2)	CHARACTER	4	ESWID	Work area identifier
6	(6)	ADDRESS	1	ESWVER	ESW version
6	(6)	X'1'	0	ESWIVER	"1" Initial version number
6	(6)	X'2'	0	ESWCTVER	"2" Version number supporting CTOKENs
6	(6)	X'3'	0	ESWSAPI	"3" Version supporting SAPI use of extended status
6	(6)	X'3'	0	ESWCVER	"ESWSAPI" Current version number
7	(7)	BITSTRING	3	ESWRSVD1	Reserved for development

Comment

```
-------------------------------------------------------------
        Application related information.
    This information is set by IATSIES when an
    IEFSSREQ request is issued from an application.
-------------------------------------------------------------
```

End of Comment

10	(A)	CHARACTER	8	ESWAPJBN	Application's job name
18	(12)	SIGNED	2	ESWAPJBI	Application's job number
20	(14)	SIGNED	4	ESWAPRS1	Reserved for development
24	(18)	SIGNED	4	ESWAASCB	Application ASCB address
28	(1C)	SIGNED	4	ESWAPTCB	Application TCB address
32	(20)	BITSTRING	16	ESWTCBTK	Application TCB token
48	(30)	SIGNED	4	ESWAPRS2 (2)	Reserved for development

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
					---------- Request specific information. ----------
				End of Comment	
56	(38)	SIGNED	4	ESWSLJBI	Job number of job being selected in SSST (could be low job id range)
60	(3C)	SIGNED	4	ESWSHJBI	Job number of job being selected in SSST (high range)
64	(40)	CHARACTER	8	ESWSDST	Selection destination
72	(48)	CHARACTER	8	ESWS2DST	Selection sec destination
72	(48)	X'10'	0	ESWDSTSZ	"*-ESWSDST" Destination info area size
80	(50)	SIGNED	4	ESWLEN	Length of this ESW
				Comment	
					THIS LINE DELETED BY APAR OW30080
				End of Comment	
84	(54)	SIGNED	4	ESWLENRQ	Requested length if insufficient length was provided (flag ESWMORES on)
88	(58)	ADDRESS	4	ESWECB	SSISERV ECB pointer
92	(5C)	SIGNED	4	ESWRSVS2	Reserved for service
96	(60)	SIGNED	4	ESWRSVU2 (2)	Reserved for user
104	(68)	BITSTRING	1	ESWFLAG1	Flag byte
				Comment	
					---------- Definition of ESWFLAG1 ----------
				End of Comment	
		1...		ESWJIRNG	"X'80'" Selection by job id range
		.1..		ESWJNWLD	"X'40'" Wildcard used for job name
		..1.		ESWSSDST	"X'20'" Selection by userid
		...1		ESW1STSG	"X'10'" First segment of a multi-segmented request
		.... 1...		ESWINTSG	"X'08'" Intermediate segment of a multi-segmented request
		.... .1..		ESWLSTSG	"X'04'" Last segment of a multi-segmented request
		.... ..1.		ESWMORES	"X'02'" More storage is needed to accommodate all jobs and output requested
		1		ESWFL101	"X'01'" Reserved for development
105	(69)	BITSTRING	3	ESWRSVD5	Reserved for development
108	(6C)	BITSTRING	4	ESWRSVD6	Reserved for development
112	(70)	BITSTRING	1	ESWSSOB_V1 (0)	Start of the SSOB sent in a staging area from a local with a version 1 ESW
112	(70)	BITSTRING	80	ESWCTOKN	CTOKEN for requested dataset
192	(C0)	SIGNED	4	ESWRSVD4 (6)	Reserved for development
				Comment	
					---------- End of ESW section of staging area. ----------
				End of Comment	
216	(D8)	SIGNED	4	ESWEND (0)	End of ESW data area
216	(D8)	BITSTRING	1	ESWSIZE (0)	Size of ESW area
216	(D8)	X'D8'	0	ESWEQSIZ	"*-ESWSTART" Length of ESW area
216	(D8)	BITSTRING	1	ESWSSOB (0)	Start of the SSOB sent in staging area

IATYESW Cross Reference

Name	Hex Offset	Hex Value
ESWAASCB	18	0
ESWAPJBI	12	0
ESWAPJBN	A	40404040
ESWAPRS1	14	0
ESWAPRS2	30	0
ESWAPTCB	1C	0
ESWCTOKN	70	0
ESWCTVER	6	2
ESWCVER	6	3
ESWDSTSZ	48	10
ESWECB	58	
ESWEND	D8	
ESWEQSIZ	D8	D8
ESWFLAG1	68	0
ESWFL101	68	1
ESWID	2	C5E2E640
ESWINTSG	68	8
ESWIVER	6	1
ESWJIRNG	68	80
ESWJNWLD	68	40
ESWLEN	50	0
ESWLENRQ	54	0
ESWLSTSG	68	4
ESWMORES	68	2
ESWREQLN	0	
ESWREQST	0	0
ESWRSVD1	7	0
ESWRSVD4	C0	0
ESWRSVD5	69	0
ESWRSVD6	6C	0
ESWRSVS2	5C	0
ESWRSVU2	60	0
ESWSAPI	6	3
ESWSAPTR	0	5E
ESWSDST	40	40404040
ESWSHJBI	3C	0
ESWSIZE	D8	
ESWSLJBI	38	0
ESWSSDST	68	20
ESWSSOB	D8	
ESWSSOB_V1	70	
ESWSTART	0	
ESWS2DST	48	40404040
ESWTCBTK	20	0
ESWVER	6	
ESW1STSG	68	10

IATYFCT Programming Interface information

Programming Interface information

IATYFCT

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

- FCTATFPF
- FCTCBPTR
- FCTCSSAD
- FCTFSLOC
- FCTFSWA
- FCTTIMEX
- FCTTNEXT

End of Programming Interface information

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IATYFCT Heading Information

Common Name: FUNCTION CONTROL TABLE
Macro ID: IATYFCT
DSECT Name: FCTSTART, GLSTART, FSESTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: FCT (FCTSTART), FSE (FSESTART)
Offset: 0
Length: 4
Storage Attributes: Main Storage: JES3 NUCLEUS (MODULE IATGRPT), FSS NUCLEUS (MODULE IATGRPTF), JESPOOL
Auxiliary Storage: N/A
Size: FCTSTART - FCTSIZE
GLSTART - GLSIZE
FSESTART - FSESIZE
Created by: IATGRG1
IATGRPT
IATGRPTF
IATINRB
Pointed to by: FCTSTART: REGISTER 11
IATYTVT FIELD FCTTOP
IATYFCT FIELD FCTNEXT
IATYFCT FIELD FCTPREV
IATYJAD FIELD JADFCTAD (FOR IATDMJA)
IATYRSQ FIELD RQFCTAD
IATYIDD FIELD IDDFCT
IATYSQD FIELD SQDFCTAD
GLSTART: IATYFCT FIELD FCTGLIST
FSESTART: IATYFCT FIELD FCTFSEA
Serialization: AENQ
Function: REPRESENTS A DISPATCHABLE UNIT OF WORK IN THE JES3 ADDRESS SPACE, OR AN FSS WHICH SUPPORTS JES3 NUCLEUS SERVICES

IATYFCT Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	FCTSTART	
0	(0)	CHARACTER	4	FCTID	IDENTIFIER FOR FCT
4	(4)	BITSTRING	4	FCTAWLM	GET ECF ADDR, NEXT FCT ADDR
8	(8)	BITSTRING	4	FCTAWTM	AWAIT TEST UNDER MASK
12	(C)	BITSTRING	4	FCTAWBC	AWAIT BRANCH ON CONDITION
16	(10)	BITSTRING	2	FCTAWBU	FCT DISPATCH BRANCH
18	(12)	BITSTRING	1	FCTFSFL2	DSP FAILSOFT FLAGS

Comment

```
-----------------------------------------------------------
          DEFINITION OF FCTFSFL2
-----------------------------------------------------------
```

End of Comment

1...	....	FCTFSRSN	"X'80'" FAILDSP REASON CODE SUPPLIED
.1..	....	FCTFSPFL	"X'40'" - PENDING FAILDSP FOR THIS FCT
..1.	....	FCTFSATA	"X'20'" - DSP IS ABENDING UNDER AUXTASK
...1	....	FCTFSMPC	"X'10'" - MPC address supplied

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		.... 1...		FCTFSASI	"X'08'" - ASID supplied
19	(13)	BITSTRING	1	FCTAWDLN	AWAIT data length
20	(14)	SIGNED	4	FCTMSKTR (0)	MASK TRACE
20	(14)	BITSTRING	1		Must be zero
21	(15)	BITSTRING	2	FCTAWRSN	AWAIT reason code or zero
23	(17)	BITSTRING	1	FCTMASK	ECF MASK
24	(18)	ADDRESS	4	FCTECFAD	ECF ADDRESS
28	(1C)	ADDRESS	4	FCTNEXT	NEXT FCT ON FCT CHAIN
32	(20)	ADDRESS	4	FCTPREV	PREVIOUS FCT ON FCT CHAIN

Comment

```
-------------------------------------------------------------
THE NEXT 6 FIELDS MUST NOT BE ALTERED IN SEQUENCE
(FCTTNEXT,FCTTUID,FCTTIMEI,FCTTIMEX,FCTTFLAG,FCTTQERS)
THEY ARE MAPPED BY THE TQE DSECT IN MODULE IATGRTM
-------------------------------------------------------------
```

End of Comment

36	(24)	ADDRESS	4	FCTTNEXT	- ATIME QUEUE CHAIN FIELD
40	(28)	CHARACTER	4	FCTTUID	- ATIME QUEUE ELEMENT ID FIELD
44	(2C)	SIGNED	4	FCTTIMEI	ATIME QUEUE ELEMENT INTERVAL
48	(30)	ADDRESS	4	FCTTIMEX	ATIME QUEUE ELEMENT ENTER ADDR
52	(34)	BITSTRING	1	FCTTFLAG	ATIME QUEUE ELEMENT FLAG BYTE
53	(35)	BITSTRING	1	FCTTQERS (3)	RESERVED

Comment

```
-------------------------------------------------------------
          DEFINITION OF FCTTFLAG
-------------------------------------------------------------
```

End of Comment

		1...		FCTQAVAL	"X'80'" - TIMER ENTRY AVAILABLE(INACTIVE)
		.1..		FCTQDONE	"X'40'" - TIMER INTERVAL COMPLETE(EXPIRED)
		..1.		FCTQUSER	"X'20'" - TMR ENTRY AREA PROVIDED BY USER
		...1		FCTQHEAD	"X'10'" - TIMER ENTRY IS WITHIN THE FCT
		.... 1...		FCTQIDOP	"X'08'" - ID IS IN TIMER ENTRY
		.... .1..		FCTQWAIT	"X'04'" - BUSY OMITTED, WAIT OPTION
		.... ..1.		FCTQFCTO	"X'02'" - FCT OPTION
56	(38)	ADDRESS	4	FCTTELPT	TELS FOR THIS FCT
60	(3C)	SIGNED	4	FCTRESON	FAILDSP FAILURE REASON CODE

Comment

```
FCTGPARM IS USED TO PASS A PARAMETER TO A JES3 SERVICE
ROUTINE. THE CONTENTS OF FCTGPARM SHOULD BE REMOVED ON
ENTRY TO THE SERVICE ROUTINE, SINCE THE FIELD MAY BE
DESTROYED ANYTIME CONTROL IS GIVEN UP BY THE SERVICE.
```

End of Comment

64	(40)	SIGNED	4	FCTGPARM	GENERAL FIELD FOR PASSING A PARAMETER TO A JES3 SERVICE
68	(44)	SIGNED	4	FCTRSVSF	RESERVED FOR SERVICE
72	(48)	SIGNED	2	FCTFREND (0)	END OF FCT FROZEN SECTION

Comment

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

End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
72	(48)	BITSTRING	1	FCTDFLG1	DSP FLAG BYTE

Comment

```
-------------------------------------------------------
          DEFINITION OF FCTDFLG1
NOTE: FCTDFLG1 IS USED BY DSPS WHILE EXECUTING UNDER
     AN FCT TO NOTE STATUS.
-------------------------------------------------------
```

End of Comment

		1...		FCTWTRSC	"X'80'" WTR SCHEDULING ACTIVE
		.1..		FCTNJE1	"X'40'" NJE ROUTE CARD INDICATOR
		..1.		FCTCAHFC	"X'20'" CONSOLE APPENDAGE HANDLES *FAIL COMMANDS
		...1		FCTFLACT	"X'10'" *FAIL COMMAND PROCESSING ACTIVE
		.... 1...		FCTACJDS	"X'08'" FCT IS ACCESING THE JCT DATA SPACE. USED BY JES3 ABEND ROUTINES TO DETERMINE WHETHER OR NOT TO DUMP THE JCT DATA SPACE
73	(49)	BITSTRING	1	FCTDMFLG	SPOOL D.M. FLAG BYTE
		1...		FCTNOWT	"X'80'" NO WAIT REQUEST
		.1..		FCTPARM	"X'40'" ID = SPECIFIED ON CALL
		..1.		FCTWRMOD	"X'20'" OPTION=MODONLY REQUESTED ON WRTCHAIN MACRO
		...1		FCTSPYES	"X'10'" SPAN=YES SPECIFIED ON THE ADEBLOCK MACRO
		.... 1...		FCTDEFWR	"X'08'" TYPE=DEFER SPECIFIED ON THE JDSPUT MACRO
		.... .1..		FCTMODJD	"X'04'" INDICATE JDS BUFFER SHOULD BE WRITTEN AT JDSREL TIME
		.... ..1.		FCTNOPUT	"X'02'" WRITE PUTBUF=NO
		1		FCTJMSJE	"X'01'" JESMSG JESTAE IN EFFECT
74	(4A)	SIGNED	2	FCTGETSZ	- SIZE OF GOTTEN CORE THIS ENTRY
76	(4C)	SIGNED	4	FCTREGS (0)	- REGISTERS 0-15 OVER AWAIT
76	(4C)	SIGNED	4	FCTREG0	REG 0 : ON AWAIT = ECF ADDR
80	(50)	SIGNED	4	FCTREG1	REG 1 : ON AWAIT CONTAINS --
80	(50)	X'50'	0	FCTFUNCD	"FCTREG1,1" --AWAIT FUNCTION CODE --AWAIT REASON CODE OR ZERO (2 bytes)
80	(50)	X'53'	0	FCTECFMK	"FCTREG1+3,1" --ECF MASK
84	(54)	SIGNED	4	(8)	REGISTERS 2-9
116	(74)	SIGNED	4	FCTBASE	- REGISTER 10
120	(78)	SIGNED	4	FCTSELF	- ADDRESS OF THIS FCT (R11)
124	(7C)	SIGNED	4	FCTTVPTR	- ADDRESS OF TVTABLE (R12)
128	(80)	SIGNED	4	FCTSAVE	- REGISTER 13
132	(84)	SIGNED	4	FCTRETN	- REGISTER 14
136	(88)	SIGNED	4	FCTREG15	REG 15 : ON AWAIT = AWAIT ADDR
140	(8C)	SIGNED	4	FCTSAVCH	- ACTIVE SAVE AREA CHAIN
144	(90)	SIGNED	4	FCTJSR0	REG 0 SAVE AREA FOR JESTAE
148	(94)	SIGNED	4	FCTJSR1	REG 1 SAVE AREA FOR JESTAE
152	(98)	SIGNED	4	FCTJSR10	REG 10 SAVE AREA FOR JESTAE
156	(9C)	SIGNED	4	FCTJSR14	REG 14 SAVE AREA FOR JESTAE 1
160	(A0)	ADDRESS	4	FCTRQAD	Address of the RQ 1
164	(A4)	SIGNED	4	FCTDSPDC	- ADDRESS OF DSP DICTIONARY ENTRY
168	(A8)	SIGNED	4	FCTCSECT	- ADDRESS OF CSECT JDE FOR REENT MODS
172	(AC)	SIGNED	4	FCTCDE	ADDRESS OF DRVR CSECT JDE
176	(B0)	SIGNED	4	FCTTIMON	- LOGIN TIME ON
180	(B4)	SIGNED	4	FCTLOGIN	- CONSOLE MSG ENTRY FROM LOGIN
184	(B8)	BITSTRING	12	FCTSPWRK	SPOOL DATA MGT. WORK AREA
196	(C4)	BITSTRING	12	FCTSPWK2	SPOOL DATA MGT. WORK AREA
208	(D0)	BITSTRING	6	FCTSPADR	TEMP. SP ADDR SAVE AREA
214	(D6)	SIGNED	2	FCTQDCOM	NUMBER OF COMMANDS QUEUED TO FCT (FROM FCTCBPTR)
216	(D8)	BITSTRING	1	FCTSESEQ	SE SEQUENCE NO. THIS FUNCTION
217	(D9)	BITSTRING	1	FCTJCTPY	THIS JOB'S JCT PRIORITY
218	(DA)	BITSTRING	1	FCTPRTY	FUNCTION PRIORITY
219	(DB)	BITSTRING	1	FCTSPRKY	KEY FOR SETPRINT SUBTASK

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
220	(DC)	ADDRESS	4	FCTNQADD	Address of FCT AENQ element queue for the resources that were AENQ'd by this FCT
224	(E0)	DBL WORD	8	FCTWORK	WORK AREA FOR DSPS
232	(E8)	ADDRESS	4	FCTATDE	ADDRESS OF ATDE OR ZERO
236	(EC)	SIGNED	2	FCTDATON	LOGIN DATE (PACKED)
238	(EE)	BITSTRING	1	FCTRSVS3	RESERVED FOR SERVICE
239	(EF)	BITSTRING	1	FCTSNAFL	SNA RJP FLAG
		1...		FCTSNAFA	"X'80'" SNA FAILED THIS DSP
		.1..		FCTSNAOP	"X'40'" IND. OPERATOR FAILED SNARJP
240	(F0)	SIGNED	4	FCTSPPSV	SETPRINT SAVE AREA
244	(F4)	SIGNED	4	FCTRSRJP	USED BY RTAM JESTAE
		1		FRSTABND	"X'01'" RECURSIVE JESTAE ENTRY
248	(F8)	SIGNED	4	FCTRSVD2 (2)	*** AVAILABLE TO USER
256	(100)	SIGNED	4	FCTCBPTR	- POINTER TO CONSOLE BUFFER CHAIN 1
260	(104)	SIGNED	4	FCTGLIST	- POINTER TO GETUNIT LIST
264	(108)	SIGNED	4	FCTGSD	GEN. SUBTASK DIRECTORY ADDR
268	(10C)	ADDRESS	4	FCTRDQCH	READY QUEUE CHAIN POINTER
272	(110)	BITSTRING	1	FCTFLAG1	- FLAG BYTE 1

Comment

```
-----------------------------------------------------------------
        DEFINITION OF FCTFLAG1
-----------------------------------------------------------------
```

End of Comment

		1...		FCTNOEF	"X'80'" - DO NOT CREATE ENDING FUNCTION
		.1..		FCTVALID	"X'40'" - VALIDATE=YES ON GETUNIT MAC 250
		..1.		FCTAGET	"X'20'" - TURNED ON WHEN AN APUTMAIN IS DONE, TURNED OFF AFTER AN UNSUCCESSFUL AGETMAIN REQUEST
		...1		FCTGNOAL	"X'10'" - ALLO=NO ON CALL TO GETPUTUN
		.... 1...		FCTNUCHG	"X'08'" - DSP UC CHG NOT REQD
		.... .1..		FCTNEFDL	"X'04'" - NO E. F. - DELETE FCT
		.... ..1.		FCTGUFP	"X'02'" FAST PATH GETUNIT REQUEST
		1		FCTDLFCT	"X'01'" - DELETE FCT, RETURN RQ TO JSS FOR ENDING FUNCTION PROCESS.
273	(111)	BITSTRING	1	FCTFLAG2	- FLAG BYTE 2

Comment

```
-----------------------------------------------------------
        DEFINITION OF FCTFLAG2
        DSP RETURN CODE TO JSS
        SAME AS RQDSPRC IN IATYRSQ
-----------------------------------------------------------
```

End of Comment

273	(111)	X'0'	0	FCTJSNRM	"0" - NORMAL COMPLETION
273	(111)	X'4'	0	FCTJSRSK	"4" - PUT JOB IN HOLD FOR LATER RESCHED
273	(111)	X'8'	0	FCTJSSPR	"8" - SPECIALIZED RESCHEDULE
273	(111)	X'C'	0	FCTJPURG	"12" - CANCEL ALL JOB SE'S EXCEPT PURGE
273	(111)	X'10'	0	FCTJSCAN	"16" - CANCEL WITH PRINT
273	(111)	X'14'	0	FCTABDSP	"20" RETURN FROM FAILSOFT
273	(111)	X'18'	0	FCTIIRES	"24" CI DSP USE COUNT RESCHEDULE
273	(111)	X'1C'	0	FCTSMSRS	"28" JOB REQUIRES SMS RESOURCES
273	(111)	X'20'	0	FCTNOMPL	"32" JOB REQUIRES MAIN PROCESSOR 0181 TO PERFORM LOCATES 0181
273	(111)	X'24'	0	FCTIIJSM	"36" C/I JSAM buffer usage re- 0082 schedule 0082
274	(112)	BITSTRING	1	FCTFLAG3	- FLAG BYTE 3

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

		DEFINITION OF FCTFLAG3			

				End of Comment	
		1...		FCTSPIE	"X'80'" - FAILSOFT IN PROCESS
		.1..		FCTPERM	"X'40'" - THIS IS A PERMANENT FCT
		..1.		FCTQUIES	"X'20'" - FCT HAS BEEN QUIESCED BY FAILSOFT
		...1		FCTRTSPR	"X'10'" - RETURN THE JOB TO JSS FOR SPECIALIZED RESCHEDULING WHEN FINISHED
		.... 1...		FCTNCKRC	"X'08'" - FAILSOFT RECOVERY IS IN PROGRESS FOR THE NCK
		.... .1..		FCTPREAL	"X'04'" - THIS IS A PRE-ALLOCATED FCT
		.... ..1.		FCTSRESD	"X'02'" - DSP REENTERED FROM SPECIALIZED RESCHEDULE - GETUNIT DONE OR... JOB IS BEING RESCHEDULED FOR POSTSCAN
		1		FCTNEXMT	"X'01'" - TYPICALLY EXEMPT FCT SHOULD BE CONSIDERED NON-EXEMPT WHEN ISSUING A MESSAGE MACRO 1
275	(113)	BITSTRING	1	FCTFLAG4	- FLAG BYTE 4
				Comment	

		DEFINITION OF FCTFLAG4			

				End of Comment	
		1...		FCTJMSRQ	"X'80'" IATXARQ FOR JESMSG ISSUED
		.1..		FCTONRDQ	"X'40'" FCT IS ON READY QUEUE #0343
		..1.		FCTELRDQ	"X'20'" FCT IS ELIGIBLE FOR READY QUEUE
		...1		FCTPENDR	"X'10'" FCT PENDING REROUTE PROCESS
		.... 1...		FCTECFOF	"X'08'" - JSSDR-MSK/ADR IN FCTWORK FOR NI INS
		.... .1..		FCTECFON	"X'04'" - JSSDR-MSK/ADR IN FCTWORK FOR OI INS
		.... ..1.		FCTJMAIN	"X'02'" MSMS FCT (PRTY SCHEDULING)
		1		FCTDSPAB	"X'01'" DSP TERMINATED BY FAILSOFT
276	(114)	BITSTRING	1	FCTFSFLG	- DSP FAIL SOFT FLAGS
276	(114)	X'114'	0	FCTFSFL1	"FCTFSFLG" DSP FAILSOFT FLAGS
				Comment	

		DEFINITION OF FCTFSFL1			

				End of Comment	
		1...		FCTDPCAN	"X'80'" - Duplicate FCT fail candidate0035
		.1..		FCTFAIL	"X'40'" - FAILDSP MACRO CAUSED ABEND
		..1.		FCTFAILC	"X'20'" - CURRENT FCT WAS FAILED
		...1		FCTFSNDP	"X'10'" - NO DUMP REQUIRED FOR THIS FAILURE
		.... 1...		FCTFSEXT	"X'08'" - JESTAE EXIT ROUTINE IS IN CONTROL
		.... .1..		FCTFSIRB	"X'04'" - THIS FCT IS FOR A FAILED IRB-EXIT
		.... ..1.		FCTFSNLG	"X'02'" - NO LOGOUT REQUIRED FOR THIS FAILURE
		1		FCTFSJFD	"X'01'" - ONLY JES3 FORMATTED DUMP REQUIRED
277	(115)	BITSTRING	1	FCTRSVDP	RESERVED FOR DEVELOPMENT
278	(116)	SIGNED	2	FCTMFCNT	- MAX FAILURE COUNT BEFORE TERMINATION
280	(118)	SIGNED	4	FCTASTCB	- TCB ADDR OF AN ASSOCIATED SUBTASK
284	(11C)	SIGNED	4	FCTFSID (0)	FSID OF ASSOCIATED FSS (FROM JSERV)
284	(11C)	SIGNED	2	FCTFSSID	FSS PORTION OF FSID
286	(11E)	SIGNED	2	FCTFSAID	FSA PORTION OF FSID
288	(120)	SIGNED	4	FCTRSVD3	Reserved for IBM 1

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
292	(124)	SIGNED	4	FCTJCTWC	Number of JCTs that this FCT has in write access mode (via IATXJCT TYPE=RW)
296	(128)	CHARACTER	6	FCTFSCOD	- ABEND CODE FOR FAILDSP MACRO
302	(12E)	SIGNED	2	FCTRSVD4	Reserved for development
304	(130)	SIGNED	4	FCTFSLOC	- LOCATION OF FAILDSP MACRO
308	(134)	SIGNED	4	FCTFSRTN	- SAVE AREA FOR FCTRETN OVER FAILDSP
312	(138)	SIGNED	4	FCTJESCB (4)	JESTAE CONTROL BLOCK (SEE IATYSCB)
328	(148)	SIGNED	2	FCTFCNT	- FCT FAILURE COUNT
330	(14A)	SIGNED	2	FCTPCNT	- JESTAE PERCOLATION COUNT
332	(14C)	SIGNED	4	FCTFSWA	- FAIL SOFT WORK AREA ADDRESS
336	(150)	SIGNED	4	FCTSLEVL	- CURRENT ASAVE LEVEL FOR JESTAE
340	(154)	SIGNED	4	FCTCLEVL	- CURRENT JESTAE CONTROL BLOCK
344	(158)	BITSTRING	1	FCTRSFLG	- SPEC RESCHED REQMNTS FLG

Comment

```
-----------------------------------------------------------------
        DEFINITION OF FCTRSFLG
-----------------------------------------------------------------
```

End of Comment

		.1..		FCTPRRQD	"X'40'" FCT SPEC RESCHD FOR PRT
		..1.		FCTPURQD	"X'20'" FCT SPEC RESCHD FOR PUN
		...1		FCTOTRQD	"X'10'" FCT SPEC RESCHD FOR NON PR/PU
		.... 1...		FCTCNSRS	"X'08'" FCT CANCLD WHILE SPEC RESHD
345	(159)	BITSTRING	1	FCTCNFLG	CONSOLE SERVICES FLAG

Comment

```
-----------------------------------------------------------------
        DEFINITION OF FCTCNFLG
-----------------------------------------------------------------
```

End of Comment

		1...		FCTCMNDQ	"X'80'" MSG AFTER 2ND ENQUEUED CMND
		.1..		FCTCNMSG	"X'40'" CONSOLE MESSAGE TO PROCESS
		..1.		FCTEXMPT	"X'20'" EXEMPT FOR CONSOLE BUFFER REQS.
346	(15A)	SIGNED	2	FCTDMDSP	JSAM SRF CHAIN FDB DISP
348	(15C)	SIGNED	4	FCTDMID	JSAM SRF ID
352	(160)	SIGNED	4	FCTDMRT	JSAM SRF ROOT FDB ADDR
356	(164)	SIGNED	4	FCTEFPST	EF ECF ADDRESS FOR POST
360	(168)	BITSTRING	1	(3)	MUST BE ZERO
363	(16B)	BITSTRING	1	FCTEFMSK	EF ECF MSK FOR POST
364	(16C)	SIGNED	4	FCTWKSAV (16)	- ASAVE AND IATXJLOK WORKAREA
428	(1AC)	SIGNED	4	FCTFSCDS	- DM CODE FOR PENDING FAILDSP
432	(1B0)	SIGNED	4	FCTLOCK	- ADDR OF LOCK HELD OR ZERO
436	(1B4)	BITSTRING	1	FCTLTYPE	- LOCK HELD FLAGS

Comment

```
-----------------------------------------------------------------
        DEFINITION OF FCTLTYPE
-----------------------------------------------------------------
```

End of Comment

		1...		FCTBSCLN	"X'80'" - RBSC RJP LINE LOCK HELD
437	(1B5)	BITSTRING	1	FCTMODE	- FCT MODE AND CONTROL FLAGS

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

					DEFINITION OF FCTMODE

				End of Comment	
		1...		FCTATM	"X'80'" - FCT IS IN AUXTASK MODE
		.1..		FCTATCTL	"X'40'" - FCT IS UNDER AUXTASK CONTROL
438	(1B6)	BITSTRING	1	FCTMSGCT	COUNT OF MESSAGES ISSUED #389
439	(1B7)	BITSTRING	1	FCTRSVD1	- RESERVED FOR DEVELOPMENT #389
440	(1B8)	SIGNED	4	FCTRAP14	- R14 SAVEAREA FOR DC TRAP
444	(1BC)	SIGNED	4	FCTIME (2)	- TOD SET IN IATGRCT
452	(1C4)	SIGNED	4	FCTMSGID	- ACTION MESSAGE ID
456	(1C8)	SIGNED	4	FCTJSSWK	- I S REG SAVE ADDR FOR JSS
				Comment	

					THE NEXT TWO FULLWORDS ARE FOR USE BY
					SPOOL DATA MANAGEMENT.

				End of Comment	
460	(1CC)	SIGNED	4	FCTSPLRL	SPANNED LOGICAL RECORD LEN
464	(1D0)	BITSTRING	1	FCTSPFLG	S.D.M. SPANNED DATA FLAG
				Comment	

					DEFINITION OF FCTSPFLG
					THE HIGH ORDER BIT ON SIGNIFIES THAT THE DATA
					IS A SPANNED RECORD. WHEN THE HIGH ORDER BIT
					IS ON, IF BIT ONE IS ON, THE DATA IS THE FIRST
					'RECORD SECTION' OF A SPANNED RECORD. IF BIT
					TWO IS ON, THE DATA IS THE LAST 'RECORD SECTION'
					OF A SPANNED RECORD. IF BITS ONE AND TWO ARE OFF,
					THE DATA IS THE NTH 'RECORD SECTION' OF A
					SPANNED RECORD.

				End of Comment	
		....		FCTNOSPN	"X'00'" SPAN DATA IS NOT PRESENT
		1...		FCTSPAN	"X'80'" SPAN DATA PRESENT
		11..		FCTSPFIR	"X'C0'" FIRST 'RECORD SECTION'
		1...		FCTSPNTH	"X'80'" NTH 'RECORD SECTION'
		1.1.		FCTSPLST	"X'A0'" LAST 'RECORD SECTION'
465	(1D1)	BITSTRING	1	FCTCCFLG	CARRIAGE CONTROL FLAG
				Comment	

					DEFINITION OF FCTCCFLG
					SET BY THE ADEBLOCK ROUTINE IN IATDMDT.
					SAME AS THE HIGH ORDER FOUR BITS OF THE FLAG
					IN DATCC.

				End of Comment	
		1...		FCTCPDS	"X'80'" COMPOSED PAGE DATA STREAM CC
		.1..		FCTMAC	"X'40'" MACHINE CARRIAGE CONTROL
		..1.		FCTASA	"X'20'" ASA CARRIAGE CONTROL
		...1		FCTOPTCD	"X'10'" OPTCD=J

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
466	(1D2)	BITSTRING	1	FCTSDMGF	SDM general flag

Comment

```
-------------------------------------------------------------
          Definition of FCTSDMGF
-------------------------------------------------------------
```

End of Comment

		1...		FCTNBUFF	"X'80'" New buffer obtained as a result of ALOCATE/ABLOCK processing; the flag is always reset in an IATXFDB ALOCATE ADDFDB request
		.1..		FCTSGF40	"X'40'" Reserved for development
		..1.		FCTSGF20	"X'20'" Reserved for development
		...1		FCTSGF10	"X'10'" Reserved for development
		.... 1...		FCTSGF08	"X'08'" Reserved for development
		.... .1..		FCTSGF04	"X'04'" Reserved for development
		.... ..1.		FCTSGF02	"X'02'" Reserved for development
		1		FCTSGF01	"X'01'" Reserved for development
467	(1D3)	BITSTRING	1	FCTPRMSV	ATRACK PARMS SAVE AREA

Comment

```
------------------------------------------------------------- #2
 THE FOLLOWING FULL WORD IS PROVIDED AS PARAMETER FIELD #2
 FOR ATTACHED FCT'S. #2
------------------------------------------------------------- #2
```

End of Comment

468	(1D4)	SIGNED	4	FCTATFPF	ATTACHED FCT PARM FIELD #2773

Comment

```
------------------------------------------------------------- #2
```

End of Comment

472	(1D8)	SIGNED	4	FCTSV10G	- SAVE R10 (RNCELLGT, IATCNRN)
476	(1DC)	SIGNED	4	FCTSV10P	- SAVE R10 (RNCELLPT, IATCNRN)
480	(1E0)	SIGNED	4	FCTWTOTK	- WTO TOKEN FOR ACTION MSGS ISSUED FROM OR ON BEHALF OF THIS FCT - SET INITIALLY BY IATCNWO, RESET BY IATCNDQ
484	(1E4)	SIGNED	4	FCTSTAR	STAGING AREA FOR RESPONSE
488	(1E8)	SIGNED	4	FCTFSEA	FDB SAVEAREA EXTENSION
492	(1EC)	SIGNED	4	FCTCSSAD	ADDRESS OF CSS WORK AREA
496	(1F0)	SIGNED	4	FCTRSVDS	RESERVED FOR SERVICE
500	(1F4)	SIGNED	4	FCTRSVU1 (2)	- RESERVED FOR USER

Comment

```
-------------------------------------------------------------
     FCTTATAx is a pointer to a data area containing
     one or more TATs. FCTTATIx is a byte identifying
     what kind of data area FCTTATAx is.
     In order to account for the FCT's use of spool
     space, IATIQPG must call the IATXJBTS service with
     a JCT pointing to a TAT, and possibly to a JDS
     containing entries for other TATs.
     At this time there is only one set of FCTTATAx/Ix.
-------------------------------------------------------------
```

End of Comment

508	(1FC)	ADDRESS	4	FCTTATA1	Pointer to a data area containing TATs used by this FCT
512	(200)	BITSTRING	1	FCTTATI1	Data area identifier of FCTTATA1

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- Equates for TAT data area identifiers. ----------
					End of Comment
		1		FCTDINRD	"X'01'" IATYNRD
		.... ..1.		FCTDIRDS	"X'02'" IATYRDS
		11		FCTDIISD	"X'03'" IATYISD
513	(201)	BITSTRING	1	FCTPGFLG	Flag used by IATIQPG
		1...		FCTPGPEN	"X'80'" ECF mask indicating that PIG is processing this FCT entry - used to serialize updates to TAT pointers used in IATIQPG scans
		.1..		FCTPGSCN	"X'40'" PIG scanned FCT as a job
		..1.		FCTPGR20	"X'20'" Reserved for service
		...1		FCTPGR10	"X'10'" Reserved for service
		.... 1...		FCTPGR08	"X'08'" Reserved for service
		.... .1..		FCTPGR04	"X'04'" Reserved for service
		.... ..1.		FCTPGR02	"X'02'" Reserved for service
		1		FCTPGR01	"X'01'" Reserved for service
514	(202)	BITSTRING	2	FCTRSVS2	Reserved for service
516	(204)	SIGNED	4	FCTRSVS4	RESERVED FOR SERVICE 0055
520	(208)	ADDRESS	4	FCTMPC	MPC address specified on FAILDSP
524	(20C)	SIGNED	2	FCTASID	ASID specified on FAILDSP
526	(20E)	SIGNED	2	FCTRSVS6	RESERVED FOR SERVICE
528	(210)	SIGNED	4	FCTRSVS7	RESERVED FOR SERVICE 0055
532	(214)	SIGNED	4	FCTRSVS8	RESERVED FOR SERVICE 0055
536	(218)	SIGNED	4	FCTRSVS9	RESERVED FOR SERVICE 0055
540	(21C)	SIGNED	4	FCTRSVDD (5)	Reserved for IBM
560	(230)	DBL WORD	8	FCTATTIM	FCT Attach (IATXATF) time for dynamic FCTs
					Comment
					---------- AWAIT data (from DATA parameter on AWAIT macro). See FCTAWDLN for length of actual data. ----------
					End of Comment
568	(238)	CHARACTER	16	FCTAWDAT	AWAIT data
					Comment
					---------- I/O Statistics. These statistics are used by JMF. If you add additional statistics, you must at least recompile the JMF modules which reference them. ----------
					End of Comment
584	(248)	SIGNED	4	FCTIOSTA (0)	Start of I/O Statistics
584	(248)	SIGNED	4	FCTMRFRI	Number of multi-record file read I/O's
588	(24C)	SIGNED	4	FCTMRFWI	Number of multi-record file write I/O's
592	(250)	SIGNED	4	FCTSRFRI	Number of single-record file read I/O's
596	(254)	SIGNED	4	FCTSRFRB	Number of single-record file buffers read
600	(258)	SIGNED	4	FCTSRFWI	Number of single-record file write I/O's
604	(25C)	SIGNED	4	FCTSRFWB	Number of single-record file buffers written
604	(25C)	X'18'	0	FCTIOSIZ	"*-FCTIOSTA" Size of I/O statistics
604	(25C)	X'6'	0	FCTIOCNT	"FCTIOSIZ/4" Number of I/O fields
608	(260)	SIGNED	4	FCTEND (0)	- END OF FCT
608	(260)	BITSTRING	1	FCTSIZE (0)	SIZE OF FCT = L'FCTSIZE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
608	(260)	X'44'	0	GETLSTSZ	"((L'GLSIZE+4)*2)+4" TWO GETUNIT LIST ENTRIES PLUS TWO SUBLIST TRUNCATORS PLUS TOTAL LIST TRUNCATOR
608	(260)	BITSTRING	0	GLZERSZ (0)	TWO GETUNIT LIST ENTRIES
608	(260)	BITSTRING	0	GLZERSZ1 (0)	MAX GETUNIT LIST ENTRIES
608	(260)	BITSTRING	0	JSSFCTSZ (0)	
608	(260)	BITSTRING	1	JSSFCTS1 (0)	

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	GLSTART	
0	(0)	CHARACTER	8	GLDDNAME	- DDNAME OF DEVICE
8	(8)	CHARACTER	8	GLTYPE (0)	- DEVICE TYPE
8	(8)	CHARACTER	3	GLTGEN	- GENERAL DEVICE TYPE
11	(B)	CHARACTER	5	GLTSPEC	- SPECIFIC DEVICE TYPE
16	(10)	SIGNED	4	GLADDR	- ADDRESS OF SUPUNITS ENTRY
20	(14)	BITSTRING	1	GLFLAGS	GETLIST FLAG BYTE
21	(15)	BITSTRING	1	GLFLG2	GETLIST FLAG BYTE 2
22	(16)	BITSTRING	1	GLRSVDD (2)	Reserved for Development
24	(18)	CHARACTER	4	GLDEVNUM	GLDDNAME converted to a device number by IATXDEV (if applicable). Currently only filled in for WTR DSP
28	(1C)	SIGNED	4	GLEND (0)	- END OF GET LIST ENTRY
28	(1C)	BITSTRING	1	GLSIZE (0)	-SIZE OF GL ENTRY = L'GLSIZE

Comment

```
-----------------------------------------------------------------
          DEFINITION OF GLFLAGS
-----------------------------------------------------------------
```

End of Comment

1...	GLGRPTYP	"X'80'" - GETUNIT IS FOR GROUP
.1..	GLRMTTYP	"X'40'" - GETUNIT IS FOR REMOTE DEVICE
..1.	GLGASSGN	"X'20'" - UNIT ALLOC RESULT OF GRP/GRP ASSGN
...1	GLDASSGN	"X'10'" - UNIT ALLOC RESULT OF DEV/DEV ASSGN
.... 1...	GLANYLCL	"X'08'" - UNIT REQUEST FOR ANY LOCAL
.... .1..	GLANAME	"X'04'" - GLDDNAME IS ALT NAME THIS FCT
.... ..1.	GLCONS	"X'02'" REQUEST FOR CONSOLE #172
....1	GLUSEDD	"X'01'" IGNORE SUPDD, USE GLDD $$$$

Comment

```
-----------------------------------------------------------
          DEFINITION OF GLFLG2
-----------------------------------------------------------
```

End of Comment

1...	GLSNATYP	"X'80'" REQ IS SNA SPECIFIC OR SNA DEVICE IS RETURNED TO CALLER
.1..	GLRSTRT	"X'40'" FSS RELATED FCT RE-DOING GETUNIT AFTER HOTSTART
..1.	GLTYPFSS	"X'20'" GETUNIT TYPE=FSS SPECIFIED #848
...1	GLDDNUPD	"X'10'" GETLIST DDNAME WAS UPDATED #848
.... 1...	GLDDDEV	"X'08'" GLDDNAME CONTAINS DEVICE NUMBER

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	FSESTART	FDB SAVEAREA EXTENSION
0	(0)	CHARACTER	4	FSEID	CONTROL BLOCK ID
4	(4)	SIGNED	2	FSEUSECT	IN-USE COUNTER
6	(6)	SIGNED	2	FSERES	RESERVE FOR DEVELOPMENT

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		Comment			
		---------- DEFINITION OF FSEFLAG1 ----------			
		End of Comment			
8	(8)	BITSTRING	1	FSEFLAG1	SAVEAREA USER
		1...		FSEABLOC	"X'80'" USED BY ABLOCK
		.1..		FSEACLOS	"X'40'" USED BY ACLOSE
		..1.		FSEADEBL	"X'20'" USED BY ADEBLOCK
		...1		FSEALOCA	"X'10'" USED BY ALOCATE
		.... 1...		FSEAOPEN	"X'08'" USED BY AOPEN
		.... .1..		FSEAWRIT	"X'04'" USED BY AWRITE
		.... ..1.		FSEDISK	"X'02'" USED BY DISK
		1		FSEINPUT	"X'01'" USED BY INPUT
		Comment			
		---------- DEFINITION OF FSEFLAG2 ----------			
		End of Comment			
9	(9)	BITSTRING	1	FSEFLAG2	SAVEAREA USER
		1...		FSEJESRE	"X'80'" USED BY JESREAD
		.1..		FSEOUTPU	"X'40'" USED BY OUTPUT
		..1.		FSEWRTCH	"X'20'" USED BY WRTCHAIN
9	(9)	X'A'	0	FSEFIXSZ	"*-FSESTART" SIZE OF FSE HEADER 0194
10	(A)	BITSTRING	130	FSEFDB	SAVED FDB'S
140	(8C)	SIGNED	4	FSEEND (0)	
140	(8C)	X'4'	0	FSEMAX	"4" MAXIMUM NUMBER OF FDB'S
140	(8C)	BITSTRING	1	FSESIZE (0)	SIZE OF SAVEAREA = L'FSESIZE

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SAVEAREA	
0	(0)	SIGNED	4	SAVCHAIN	- CHAIN FIELD FOR SAVE AREAS
4	(4)	SIGNED	4	SAVWORK	- WORK CELL FOR SUBROUTINES
8	(8)	SIGNED	4	SAVRSVD	- RESERVED FOR DEVELOPMENT
12	(C)	CHARACTER	56	SAVREGS (0)	USERS REGISTERS 15,0-12
12	(C)	SIGNED	4	SAVFUNRC	- REGISTER 15 - ENTRY POINT
16	(10)	SIGNED	4	SAVPARM0	- REGISTER 0 - PARAMETER REGISTER
20	(14)	SIGNED	4	SAVPARM1	- REGISTER 1 - PARAMETER REGISTER
24	(18)	SIGNED	4	SAVREG2 (8)	- REGISTER 2 - 9
56	(38)	SIGNED	4	SAVBASE	- REGISTER 10 - BASE REGISTER
60	(3C)	SIGNED	4	SAVFCT	REGISTER 11 - FCT ADR
64	(40)	SIGNED	4	SAVTVT	REGISTER 12 - TVT ADR
68	(44)	SIGNED	4	SAVR13	REGISTER 13 - DSP CSECT
72	(48)	SIGNED	4	SAVLINK	- (ASAVERTN USE ONLY. CALLERS R14)
76	(4C)	CHARACTER	16	SAVJESCB	- JESTAE CNTRL BLK (SEE IATYSCB)
92	(5C)	SIGNED	4	SAVRSVDU	- RESERVED FOR USER
96	(60)	DBL WORD	8	SAVEND (0)	END OF SAVEAREA
96	(60)	BITSTRING	1	SAVSIZE (0)	L'SAVSIZE IS LENGTH OF SAVEAREA

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

Comment

```
IATYAWR
  AWAIT Reason Codes
01 Change Activity:
 $SA= z1.2.0 HJS7705 000519 PD0PK: z 1.2.0
 $SF= z1.4.0 HJS7707 010926 PD0PK: z 1.4.0 0
```

End of Comment

IATYFCT Cross Reference

Name	Hex Offset	Hex Value
FCTABDSP	111	14
FCTACJDS	48	8
FCTAGET	110	20
FCTASA	1D1	20
FCTASID	20C	
FCTASTCB	118	
FCTATCTL	1B5	40
FCTATDE	E8	
FCTATFPF	1D4	
FCTATM	1B5	80
FCTATTIM	230	
FCTAWBC	C	
FCTAWBU	10	
FCTAWDAT	238	40404040
FCTAWDLN	13	
FCTAWLM	4	
FCTAWRSN	15	
FCTAWTM	8	
FCTBASE	74	
FCTBSCLN	1B4	80
FCTCAHFC	48	20
FCTCBPTR	100	
FCTCCFLG	1D1	
FCTCDE	AC	
FCTCLEVL	154	
FCTCMNDQ	159	80
FCTCNFLG	159	
FCTCNMSG	159	40
FCTCNSRS	158	8
FCTCPDS	1D1	80
FCTCSECT	A8	
FCTCSSAD	1EC	
FCTDATON	EC	0
FCTDEFWR	49	8
FCTDFLG1	48	
FCTDIISD	200	3
FCTDINRD	200	1
FCTDIRDS	200	2
FCTDLFCT	110	1
FCTDMDSP	15A	
FCTDMFLG	49	
FCTDMID	15C	
FCTDMRT	160	
FCTDPCAN	114	80
FCTDSPAB	113	1
FCTDSPDC	A4	
FCTECFAD	18	
FCTECFMK	50	53
FCTECFOF	113	8
FCTECFON	113	4
FCTEFMSK	16B	
FCTEFPST	164	
FCTELRDQ	113	20
FCTEND	260	
FCTEXMPT	159	20
FCTFAIL	114	40
FCTFAILC	114	20
FCTFCNT	148	
FCTFLACT	48	10
FCTFLAG1	110	
FCTFLAG2	111	
FCTFLAG3	112	
FCTFLAG4	113	
FCTFREND	48	
FCTFSAID	11E	
FCTFSASI	12	8
FCTFSATA	12	20
FCTFSCDS	1AC	
FCTFSCOD	128	
FCTFSEA	1E8	
FCTFSEXT	114	8
FCTFSFLG	114	
FCTFSFL1	114	114
FCTFSFL2	12	
FCTFSID	11C	
FCTFSIRB	114	4
FCTFSJFD	114	1
FCTFSLOC	130	
FCTFSMPC	12	10
FCTFSNDP	114	10
FCTFSNLG	114	2
FCTFSPFL	12	40
FCTFSRSN	12	80
FCTFSRTN	134	
FCTFSSID	11C	
FCTFSWA	14C	
FCTFUNCD	50	50
FCTGETSZ	4A	
FCTGLIST	104	
FCTGNOAL	110	10
FCTGPARM	40	
FCTGSD	108	
FCTGUFP	110	2
FCTID	0	
FCTIIJSM	111	24
FCTIIRES	111	18
FCTIME	1BC	
FCTIOCNT	25C	6

Name	Hex Offset	Hex Value
FCTIOSIZ	25C	18
FCTIOSTA	248	
FCTJCTPY	D9	
FCTJCTWC	124	
FCTJESCB	138	
FCTJMAIN	113	2
FCTJMSJE	49	1
FCTJMSRQ	113	80
FCTJPURG	111	C
FCTJSCAN	111	10
FCTJSNRM	111	0
FCTJSRSK	111	4
FCTJSR0	90	
FCTJSR1	94	
FCTJSR10	98	
FCTJSR14	9C	
FCTJSSPR	111	8
FCTJSSWK	1C8	
FCTLOCK	1B0	
FCTLOGIN	B4	
FCTLTYPE	1B4	
FCTMAC	1D1	40
FCTMASK	17	
FCTMFCNT	116	
FCTMODE	1B5	
FCTMODJD	49	4
FCTMPC	208	
FCTMRFRI	248	0
FCTMRFWI	24C	0
FCTMSGCT	1B6	0
FCTMSGID	1C4	
FCTMSKTR	14	
FCTNBUFF	1D2	80
FCTNCKRC	112	8
FCTNEFDL	110	4
FCTNEXMT	112	1
FCTNEXT	1C	
FCTNJE1	48	40
FCTNOEF	110	80
FCTNOMPL	111	20
FCTNOPUT	49	2
FCTNOSPN	1D0	0
FCTNOWT	49	80
FCTNQADD	DC	
FCTNUCHG	110	8
FCTONRDQ	113	40
FCTOPTCD	1D1	10
FCTOTRQD	158	10
FCTPARM	49	40
FCTPCNT	14A	
FCTPENDR	113	10
FCTPERM	112	40
FCTPGFLG	201	
FCTPGPEN	201	80
FCTPGR01	201	1
FCTPGR02	201	2
FCTPGR04	201	4
FCTPGR08	201	8
FCTPGR10	201	10
FCTPGR20	201	20
FCTPGSCN	201	40
FCTPREAL	112	4
FCTPREV	20	
FCTPRMSV	1D3	
FCTPRRQD	158	40
FCTPRTY	DA	
FCTPURQD	158	20
FCTQAVAL	35	80
FCTQDCOM	D6	
FCTQDONE	35	40
FCTQFCTO	35	2
FCTQHEAD	35	10
FCTQIDOP	35	8
FCTQUIES	112	20
FCTQUSER	35	20
FCTQWAIT	35	4
FCTRAP14	1B8	
FCTRDQCH	10C	
FCTREGS	4C	
FCTREG0	4C	
FCTREG1	50	
FCTREG15	88	
FCTRESON	3C	
FCTRETN	84	
FCTRQAD	A0	
FCTRSFLG	158	
FCTRSRJP	F4	
FCTRSVDD	21C	
FCTRSVDP	115	
FCTRSVDS	1F0	
FCTRSVD1	1B7	
FCTRSVD2	F8	
FCTRSVD3	120	
FCTRSVD4	12E	
FCTRSVSF	44	
FCTRSVS2	202	
FCTRSVS3	EE	
FCTRSVS4	204	
FCTRSVS6	20E	
FCTRSVS7	210	
FCTRSVS8	214	
FCTRSVS9	218	
FCTRSVU1	1F4	
FCTRTSPR	112	10
FCTSAVCH	8C	
FCTSAVE	80	
FCTSDMGF	1D2	
FCTSELF	78	
FCTSESEQ	D8	
FCTSGF01	1D2	1
FCTSGF02	1D2	2
FCTSGF04	1D2	4
FCTSGF08	1D2	8
FCTSGF10	1D2	10
FCTSGF20	1D2	20
FCTSGF40	1D2	40
FCTSIZE	260	
FCTSLEVL	150	
FCTSMSRS	111	1C
FCTSNAFA	EF	80
FCTSNAFL	EF	
FCTSNAOP	EF	40
FCTSPADR	D0	
FCTSPAN	1D0	80
FCTSPFIR	1D0	C0
FCTSPFLG	1D0	
FCTSPIE	112	80
FCTSPLRL	1CC	
FCTSPLST	1D0	A0
FCTSPNTH	1D0	80

Name	Hex Offset	Hex Value
FCTSPPSV	F0	
FCTSPRKY	DB	
FCTSPWK2	C4	
FCTSPWRK	B8	
FCTSPYES	49	10
FCTSRESD	112	2
FCTSRFRB	254	0
FCTSRFRI	250	0
FCTSRFWB	25C	0
FCTSRFWI	258	0
FCTSTAR	1E4	
FCTSTART	0	
FCTSV10G	1D8	
FCTSV10P	1DC	
FCTTATA1	1FC	
FCTTATI1	200	
FCTTELPT	38	
FCTTFLAG	34	
FCTTIMEI	2C	
FCTTIMEX	30	
FCTTIMON	B0	
FCTTNEXT	24	
FCTTQERS	35	
FCTTUID	28	
FCTTVPTR	7C	
FCTVALID	110	40
FCTWKSAV	16C	
FCTWORK	E0	
FCTWRMOD	49	20
FCTWTOTK	1E0	
FCTWTRSC	48	80
FRSTABND	F4	1
FSEABLOC	8	80
FSEACLOS	8	40
FSEADEBL	8	20
FSEALOCA	8	10
FSEAOPEN	8	8
FSEAWRIT	8	4
FSEDISK	8	2
FSEEND	8C	
FSEFDB	A	
FSEFIXSZ	9	A
FSEFLAG1	8	
FSEFLAG2	9	
FSEID	0	
FSEINPUT	8	1
FSEJESRE	9	80
FSEMAX	8C	4
FSEOUTPU	9	40
FSERES	6	
FSESIZE	8C	
FSESTART	0	
FSEUSECT	4	
FSEWRTCH	9	20
GETLSTSZ	260	44
GLADDR	10	
GLANAME	1C	4
GLANYLCL	1C	8
GLCONS	1C	2
GLDASSGN	1C	10
GLDDDEV	1C	8
GLDDNAME	0	
GLDDNUPD	1C	10
GLDEVNUM	18	
GLEND	1C	

Name	Hex Offset	Hex Value
GLFLAGS	14	
GLFLG2	15	
GLGASSGN	1C	20
GLGRPTYP	1C	80
GLRMTTYP	1C	40
GLRSTRT	1C	40
GLRSVDD	16	
GLSIZE	1C	
GLSNATYP	1C	80
GLSTART	0	
GLTGEN	8	
GLTSPEC	B	
GLTYPE	8	
GLTYPFSS	1C	20
GLUSEDD	1C	1
GLZERSZ	260	
GLZERSZ1	260	
JSSFCTSZ	260	
JSSFCTS1	260	
SAVBASE	38	
SAVCHAIN	0	
SAVEAREA	0	
SAVEND	60	
SAVFCT	3C	
SAVFUNRC	C	
SAVJESCB	4C	
SAVLINK	48	
SAVPARM0	10	
SAVPARM1	14	
SAVREGS	C	
SAVREG2	18	
SAVRSVD	8	
SAVRSVDU	5C	
SAVR13	44	
SAVSIZE	60	
SAVTVT	40	
SAVWORK	4	

IATYFDB Programming Interface information

Programming Interface information

IATYFDB

End of Programming Interface information

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IATYFDB Heading Information

Common Name: FILE DESCRIPTION BLOCK
Macro ID: IATYFDB
DSECT Name: FDBSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: N/A
Auxiliary Storage: N/A
Size: MRF - 32 Bytes
SRF - 12 Bytes
JBT - 28 Bytes
Created by: N/A
Pointed to by:
Serialization: None
Function: Contains information for SINGLE- and MULTI-RECORD data sets, such as the address of the data set (in-storage or on-spool), and status flags.
If the flag FDBMULT is ON in FDBFLAGS, the FDB is for a MULTI-RECORD file and it's length is equated to FDBMRFL. If the flag FDBJBTAT is ON in FDBFLAG0, the FDB is for a job or dataset TAT record and contains fields in the TAT FDB extension (FDBMULT can not be set in FDBFLAGS).

Restrictions: Do not change the offsets of any of the fields between FDBSTART and FDBFREND. These fields are static offsets. Changes in their location will result in incorrect processing.

IATYFDB Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	FDBSTART	
0	(0)	SIGNED	4	FDBDATA (0)	- BUFFER ADDRESS OF DATA
0	(0)	BITSTRING	6	FDBSPADR (0)	- M.R SPOOL REC ADDR OF DATA
0	(0)	BITSTRING	2	FDBSPMOD	- MODULE NUMBER OF SPOOL EXTENT
2	(2)	BITSTRING	4	FDBSPREC	- RECORD NUMBER OF DATA
6	(6)	BITSTRING	1	FDBFLAG0 (0)	SINGLE RECORD AND ERROR FLAGS

Comment

```
-----------------------------------------------------------------
   DEFINITION OF FDBFLAG0: SINGLE-RECORD AND ERROR FLAGS
-----------------------------------------------------------------
```

End of Comment

1111	....	FDBERFLG	"X'F0'" I/O ERROR FLAGS.
1..1	....	FDBDKFRR	"X'90'" PROGRAM CHECK IN IATDMDK.
1...	....	FDBRECOV	"X'80'" SUCCESSFUL ERROR RECOVERY OCCURRED
.111	....	FDBJBTER	"X'70'" ERROR READING THE JBT OCCURRED
.11.	....	FDBCHKPT	"X'60'" FIRST/LAST TRACK ADDR CHANGE
.1.1	....	FDBF0RS1	"X'50'" RESERVED FLAG.
.1..	....	FDBERROR	"X'40'" UNCORRECTABLE I/O ERROR OCCURRED
..11	....	FDBTAERR	"X'30'" DISK ADDRESS NOT VERIFY.
..1.	....	FDBIOERR	"X'20'" I/O ERROR RECOVERY IN PROGRESS
...1	....	FDBROTER	"X'10'" ERROR OCCURRED ON ROOT I/O.

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		FOLLOWING FOUR FLAGS ARE FOR SINGLE RECORD FILES ONLY			
				End of Comment	
		.... 1...		FDBNOPUT	"X'08'" WRITE WITHOUT PUTBUF
		.... .1..		FDBOLD	"X'04'" OLD SINGLE RECORD FILE
		.... ..1.		FDBJBTAT	"X'02'" INDICATES FDB IS A JBTAT FDB
		1		FDBFCTPM	"X'01'" PARAMETERS IN FCT
6	(6)	BITSTRING	1	FDBPRTY	FDB PRTY (BITS 0-3) DURING OPEN
7	(7)	BITSTRING	1	FDBFLAGS	FLAGS COMMON TO SINGLE/MULT 1
				Comment	
		---------- DEFINITION OF FDBFLAGS: SINGLE- & MULTIPLE-RECORD FILES ----------			
				End of Comment	
		1...		FDBECF	"X'80'" - I/O EVENT COMPLETION.
		.1..		FDBMNTAT	"X'40'" SINGLE TRACK ALLOCATION USED
		..1.		FDBINPUT	"X'20'" - INPUT/OUTPUT FILE (INPUT IF ON).
		...1		FDBCLOSE	"X'10'" - OPEN/CLOSED FLAG (CLOSED IF ON).
		.... 1...		FDBMULT	"X'08'" - SINGLE/MULTIPLE FILE (MULT IF ON).
		.... .1..		FDBSRSV1	"X'04'" - RESERVED.
		.... ..1.		FDBWCHLK	"X'02'" - WRTCHAIN ROOT FDB LOCK FLAG.
		1		FDBSRSV2	"X'01'" - RESERVED.
8	(8)	BITSTRING	1	FDBSPFL1	- FLAGS FOR SPOOL DATA MGMT
				Comment	
		---------- DEFINITION OF FDBSPFL1: SINGLE- & MULTIPLE-RECORD FILES ----------			
				End of Comment	
		1...		FDBONSP	"X'80'" - FDB CONTAINS A SPOOL ADDRESS
		.1..		FDBIOIP	"X'40'" - I/O IN-PROGRESS INDICATOR
		..1.		FDBCSBTR	"X'20'" CSBT USED TO READ CH. SRF 0440
		...1		FDBCSBTW	"X'10'" USE CSBT TO WRITE CHAINED SRF
		.... 1...		FDBCSBTL	"X'08'" USE CSBT TO RELEASE CHAINED SRF
		.... .1..		FDBCSBTJ	"X'04'" USE CSBT FOR THIS JESREAD 0440
9	(9)	BITSTRING	1	FDBFLGR2	- RESERVED FOR SERVICE
10	(A)	SIGNED	2	FDBRSVD1	- RESERVED FOR DEVELOPMENT
12	(C)	BITSTRING	1	FDBSREND (0)	END OF SINGLE REC FILE FDB
12	(C)	X'C'	0	FDBSRFL	"FDBSREND-FDBSTART" LENGTH OF AN SRF FDB
12	(C)	SIGNED	2	FDBFREND (0)	END OF FDB FROZEN SECTION

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

					WARNING
					THE OFFSETS BETWEEN FDBSTART AND FDBFREND MUST NOT
					BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON
					SOME JES3 MODULES.

					END OF SINGLE RECORD FILE FDB

					THE FOLLOWING FIELDS ARE FOR MULTI-RECORD FILE FDBS
					(EXISTS IF THE FLAG FDBMULT IS ON IN FDBFLAGS)

				End of Comment	
12	(C)	BITSTRING	1	FDBFLAG1	- FLAGS FOR MULTIPLE RECORD FILES.
				Comment	

					DEFINITION OF FDBFLAG1: MULTIPLE-RECORD FILES

				End of Comment	
		1...		FDBOCLSE	"X'80'" - CLOSE OF FILE INITIATED.
		.1..		FDBFDATA	"X'40'" - FIRST DATA BUFFER FLAG.
		..1.		FDBDATCH	"X'20'" - DATA BUFFER CHAIN FLAG.
		...1		FDBSPLIT	"X'10'" - DATA IS SPLIT BETWEEN TWO BUFFERS.
		.... 1...		FDBEND	"X'08'" - FILE IS BEING OPENED AT ITS END.
		.... .1..		FDBPOINT	"X'04'" - POINT IS IN PROGRESS.
		.... ..1.		FDBDEBS	"X'02'" - DEBLOCKS BIT.
		1		FDBPNTIN	"X'01'" - APOINT HAS TYPE=IN AS PARAMETER.
13	(D)	BITSTRING	1	FDBFLAG2	- FLAGS FOR MULTIPLE RECORD FILES.
				Comment	

					DEFINITION OF FDBFLAG2: MULTIPLE-RECORD FILES

				End of Comment	
		1...		FDBLSTIO	"X'80'" - SET LAST I/O REQUEST STARTED.
		.1..		FDBALLIO	"X'40'" - SET WHEN LAST DATA BUFFER WRITTEN.
		..1.		FDBLOCAT	"X'20'" - SET WHEN AN ALOCATE IS DONE.
		...1		FDBNDATA	"X'10'" ON = NO DATA IN FILE
		.... 1...		FDBODEOD	"X'08'" RECOVER FROM NO EOD ON OPEND
		.... .1..		FDBSKIP	"X'04'" SKIP RECORD IF READ I/O ERROR
		.... ..1.		FDBMAC	"X'02'" MACHINE CARRIAGE CONTROL
		1		FDBASA	"X'01'" ASA CARRIAGE CONTROL FOR DS
14	(E)	BITSTRING	1	FDBFLAG3	- FLAGS FOR MULTI-RECORD FILES
				Comment	

					DEFINITION OF FDBFLAG3: MULTIPLE-RECORD FILES

				End of Comment	
		1...		FDBOPTCD	"X'80'" - OPTCD = J SPECIFIED
		.1..		FDBIOCNG	"X'40'" - I/O COUNT ERROR DETECTED
15	(F)	BITSTRING	1	FDBFLGR4	- RESERVED FOR SERVICE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
16	(10)	BITSTRING	1	FDBIOCNT	- NUMBER OF I/O REQUESTS OUTSTANDING.
17	(11)	BITSTRING	1	FDBERCNT	- NUMBER OF I/O ERRORS NOT CORRECTED.
18	(12)	SIGNED	2	FDBRL	- ROOM LEFT IN DATA BUFFER.
20	(14)	SIGNED	4	FDBBPTR	- CURRENT BUFFER POINTER.
24	(18)	BITSTRING	6	FDBOPEND (0)	- SPOOL ADR OF LAST DATA BUFFER
24	(18)	BITSTRING	2	FDBMODN2	- MOD NO OF LAST SPOOL EXTENT
26	(1A)	BITSTRING	4	FDBRECN2	- REC NO OF LAST SPOOL DATA
30	(1E)	SIGNED	2	FDBRSFLD	RESERVED FOR DEVELOPMENT

Comment

END OF MULTI-RECORD FILE FDB

End of Comment

32	(20)	BITSTRING	1	FDBMREND (0)	END OF MULTI-RECORD FILE FDB
32	(20)	X'20'	0	FDBMRFL	"FDBMREND-FDBSTART" LENGTH OF AN MRF FDB

Comment

JOB/DATASET TAT FDB EXTENSION
(EXISTS IF THE FLAG FDBJBTAT IS ON IN FDBFLAG0)

End of Comment

12	(C)	SIGNED	4	FDBJBTEX (0)	START OF TAT FDB EXTENSION

Comment

RETURN PARAMETERS FROM TRACK GROUP ALLOCATION

End of Comment

12	(C)	SIGNED	2	FDBRECCT	- NUMBER OF AVAILABLE RECORDS
14	(E)	BITSTRING	6	FDBJTSPA (0)	- AVAILABLE RECORD ADDRESS
14	(E)	BITSTRING	2	FDBJTSPM	- MODULE NUMBER
16	(10)	BITSTRING	4	FDBJTSPR	- RECORD NUMBER

Comment

End of Comment

20	(14)	SIGNED	4	FDBVALID	- VALIDATION FIELD FOR FILE
24	(18)	SIGNED	2	FDBSPNDX	- JOB'S SPOOL PARTITION INDEX
26	(1A)	BITSTRING	1	FDBJTFLG	- JOB/DATASET TAT STATUS FLAGS

Comment

DEFINITION OF FDBJTFLG: JOB/DATASET TAT STATUS FLAGS

End of Comment

1...	....	FDBJTBIT	"X'80'" - TRACK ALLOCATION SUSPENDED
.1..	....	FDBDSTAT	"X'40'" - DATA SET TAT
..1.	....	FDBJIOER	"X'20'" - IOERR POST REQUIRED
...1	....	FDBRRERQ	"X'10'" - JSAM POST REQUIRED (RRE ALLOC)
....	1...	FDBJTOFL	"X'08'" - JSAM POST REQUIRED (JBT OVFLW)
....	.1..	FDBRABDU	"X'04'" - FDB IN USE FOR RAB DESTROY
....	..1.	FDBJTERR	"X'02'" - RAB REFRESH ERROR

IATYFDB Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
27	(1B)	BITSTRING	1	FDBJTRSV	- RESERVED FOR DEVELOPMENT

Comment

```
-----------------------------------------------------------
          END OF THE TAT FDB EXTENSION
-----------------------------------------------------------
```

End of Comment

28	(1C)	BITSTRING	1	FDBJTEND (0)	END OF THE JBT FDB EXTENSION
28	(1C)	X'10'	0	FDBJBTXL	"FDBJTEND-FDBJBTEX" LENGTH OF JBT FDB EXTENSION
28	(1C)	X'1C'	0	FDBJBTL	"FDBSRFL+FDBJBTXL" LENGTH OF A TAT FDB

IATYFDB Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
FDBALLIO	D	40	FDBJTSPA	E	
FDBASA	D	1	FDBJTSPM	E	
FDBBPTR	14		FDBJTSPR	10	
FDBCHKPT	6	60	FDBLOCAT	D	20
FDBCLOSE	7	10	FDBLSTIO	D	80
FDBCSBTJ	8	4	FDBMAC	D	2
FDBCSBTL	8	8	FDBMNTAT	7	40
FDBCSBTR	8	20	FDBMODN2	18	
FDBCSBTW	8	10	FDBMREND	20	
FDBDATA	0		FDBMRFL	20	20
FDBDATCH	C	20	FDBMULT	7	8
FDBDEBS	C	2	FDBNDATA	D	10
FDBDKFRR	6	90	FDBNOPUT	6	8
FDBDSTAT	1A	40	FDBOCLSE	C	80
FDBECF	7	80	FDBODEOD	D	8
FDBEND	C	8	FDBOLD	6	4
FDBERCNT	11		FDBONSP	8	80
FDBERFLG	6	F0	FDBOPEND	18	
FDBERROR	6	40	FDBOPTCD	E	80
FDBFCTPM	6	1	FDBPNTIN	C	1
FDBFDATA	C	40	FDBPOINT	C	4
FDBFLAGS	7		FDBPRTY	6	
FDBFLAG0	6		FDBRABDU	1A	4
FDBFLAG1	C		FDBRECCT	C	
FDBFLAG2	D		FDBRECN2	1A	
FDBFLAG3	E		FDBRECOV	6	80
FDBFLGR2	9		FDBRL	12	
FDBFLGR4	F		FDBROTER	6	10
FDBFREND	C		FDBRRERQ	1A	10
FDBF0RS1	6	50	FDBRSFLD	1E	
FDBINPUT	7	20	FDBRSVD1	A	
FDBIOCNG	E	40	FDBSKIP	D	4
FDBIOCNT	10		FDBSPADR	0	
FDBIOERR	6	20	FDBSPFL1	8	
FDBIOIP	8	40	FDBSPLIT	C	10
FDBJBTAT	6	2	FDBSPMOD	0	
FDBJBTER	6	70	FDBSPNDX	18	
FDBJBTEX	C		FDBSPREC	2	
FDBJBTL	1C	1C	FDBSREND	C	
FDBJBTXL	1C	10	FDBSRFL	C	C
FDBJIOER	1A	20	FDBSRSV1	7	4
FDBJTBIT	1A	80	FDBSRSV2	7	1
FDBJTEND	1C		FDBSTART	0	
FDBJTERR	1A	2	FDBTAERR	6	30
FDBJTFLG	1A		FDBVALID	14	
FDBJTOFL	1A	8	FDBWCHLK	7	2
FDBJTRSV	1B				

IATYFDD Heading Information

Common Name: DEFINITION OF A FILE DIRECTORY ENTRY.
Macro ID: IATYFDD
DSECT Name: FDSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: FD
Offset: 0
Length: 4
Storage Attributes: Main Storage: SUBPOOL 0
Auxiliary Storage: N/A
Subpool: JESPOOL
Key: 1
Size: 44 Bytes
Created by: IATINIO
Pointed to by: AIOFDTOP in IATYTVT
FDNEXT in IATYFDD
FDPREV in IATYFDD
Serialization: None
Function: File directory entry. Defines an entry in a queue of FDB pointers, organized by FCT priority, reflecting current JSAM I/O requirements.

IATYFDD Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	FDSTART	
0	(0)	CHARACTER	4	FDID	Control block id 0008
4	(4)	SIGNED	4	FDNEXT	Next entry pointer 0008
8	(8)	SIGNED	4	FDPREV	Previous entry pointer 0008
12	(C)	SIGNED	4	FDFDB	- FDB ADDRESS OF OPEN FILE.
16	(10)	SIGNED	4	FDJTFDB	- FDB ADDRESS OF JBTAT FDB(OUTPUT).
20	(14)	SIGNED	4	FDFCTADD	- FCT ADDRESS OF THIS ENTRY.
24	(18)	SIGNED	4	FDVALID	VALID ON INPUT FILES
28	(1C)	SIGNED	4	FDDMCLST	LAST DMC ADDR FOR WRTCHAIN REQ
32	(20)	SIGNED	4	FDDMCFST	FIRST DMC ADDR FOR WRTCHAIN REQ
36	(24)	SIGNED	4	FDPENDIO	NO. OF I/O'S PENDING
40	(28)	SIGNED	2	FDNEWREC	NUMBER OF NEW RECS FOR WRTCHAIN
42	(2A)	BITSTRING	1	FDPRTY	PRIORITY (BITS 0-3).
43	(2B)	BITSTRING	1	FDFLAGS	FLAG BYTE.

Comment

```
-----------------------------------------------------------------
          DEFINITION OF FDFLAGS
-----------------------------------------------------------------
```

End of Comment

		1...		FDNOBUF	"X'80'" - NO BUFFERS AVAILABLE.
		.1..		FDJBTIO	"X'40'" - JOB TAT I/O IN PROGRESS.
		..1.		FDWRTSDI	"X'20'" WRTCHAIN SDI error
		.... 1...		FDIOREQ	"X'08'" - I/O IS REQUIRED ON THIS FILE.
		.... .1..		FDSNGFLE	"X'04'" - FD ENTRY IS A SINGLE RECORD FILE.
		.... ..1.		FDNOTRKS	"X'02'" - NO TRACKS AVAILABLE FOR I/O.
		1		FDTATCPT	"X'01'" - TAT BEING CHECKPOINTED.
44	(2C)	BITSTRING	1	FDWRTBYT	WRTCHAIN FLAG BYTE

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

					DEFINITION OF FDWRTBYT

				End of Comment	
		1...		FDWRTCHN	"X'80'" WRTCHAIN FD ENTRY
		.1..		FDMODREC	"X'40'" OLD RECORDS TO WRITE
		..1.		FDRECER	"X'20'" RECOVERED ERROR(S) IN CHAIN
		...1		FDROOTER	"X'10'" RECOVERED ERROR ON ROOT FDB
		.... 1...		FDURECR	"X'08'" UNRECOVERABLE ERROR(S)
		.... .1..		FDERRGS	"X'04'" ERROR REGS ARE SET
		.... ..1.		FDNOPUT	"X'02'" PUTBUF=NO SPECIFIED
		1		FDERXSIW	"X'01'" ONE OF THE IATXSIO'S ISSUED DURING A WRTCHAIN WITH CSBT HAD AN ERROR
45	(2D)	BITSTRING	1	FDWRTPST	WRTCHAIN COMPLETION FLAG
				Comment	

					DEFINITION OF FDWRTPST

				End of Comment	
		1...		FDIOCOMP	"X'80'" ALL I/O COMPLETE
		.1..		FDIOERR	"X'40'" I/O COUNT ERROR DETECTED
46	(2E)	BITSTRING	1	FDCSBTFL	CSBT FLAG BYTE
				Comment	

					DEFINITION OF FDCSBTFL

				End of Comment	
		1...		FDCSBTRD	"X'80'" USE CSBT TO READ CHAINED SRF
		.1..		FDALLRDC	"X'40'" ALL READS IN A CSBT-READ ARE COMPLETE
		..1.		FDCSBTWR	"X'20'" WRTCHAIN USING CSBT
47	(2F)	BITSTRING	1	FDCSBTER	CSBT-READ ERROR FLAG
				Comment	

					DEFINITION OF FDCSBTER

				End of Comment	
		1...		FDERXSIR	"X'80'" ONE OF THE IATXSIO'S ISSUED DURING A CSBT-READ HAD AN ERROR
		.1..		FDURECRD	"X'40'" ONE OF THE BUFFERS IN THE CHAINED SRF HAD AN UNRECOVERABLE I/O ERROR DURING A CSBT-READ
48	(30)	BITSTRING	1	FDDRSVDS	RESERVED FOR SERVICE.
49	(31)	BITSTRING	1	FDDRSVDU	RESERVED FOR USER.
50	(32)	BITSTRING	1	FDDRSVDD (2)	RESERVED FOR DEVELOPMENT.
52	(34)	BITSTRING	1	FDFEND (0)	- END OF FD ENTRY.
52	(34)	BITSTRING	1	FDFSIZE (0)	- SIZE OF AN FD ENTRY.

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	FDCNTRL	0008

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	CHARACTER	8	FDCEYE	Eyecatcher 0008
8	(8)	SIGNED	4	FDCFDCPB	FD cellpool control block 0008 address 0008

Comment

```
------------------------------------------------------------ 0
    The following equates are used in the cellpool 0
    creation. 0
------------------------------------------------------------ 0
```

End of Comment

8	(8)	X'1F4'	0	FDCPRICL	"500" Number of cells in the 0008 primary extent 0008
8	(8)	X'1F4'	0	FDCSECCL	"500" Number of cells in the 0008 secondary extent 0008
8	(8)	X'FA'	0	FDCRSVCL	"250" Number of reserved cells 0008
8	(8)	X'13'	0	FDCMAXET	"19" Number of secondary extents 0008

Comment

```
------------------------------------------------------------ 0
    The following equates are stored in the adjacent 0
    set of fields by IATINIO. The values are used for 0
    operator notification of possible FD overallocations. 0
------------------------------------------------------------ 0
```

End of Comment

8	(8)	X'2710'	0	FDCMXPCE	"FDCSECCL*FDCMAXET+FDCPRICL" Maximum number of 0008 cells 0008
8	(8)	X'1D4C'	0	FDC75PCE	"FDCMXPCE/100*75" 75% of max. 0008
8	(8)	X'1F40'	0	FDC80PCE	"FDCMXPCE/100*80" 80% of max. 0008
8	(8)	X'2134'	0	FDC85PCE	"FDCMXPCE/100*85" 85% of max. 0008
8	(8)	X'2328'	0	FDC90PCE	"FDCMXPCE/100*90" 90% of max. 0008
8	(8)	X'251C'	0	FDC95PCE	"FDCMXPCE/100*95" 95% of max. 0008
12	(C)	SIGNED	2	FDC75PCT	75% threshold 0008
14	(E)	SIGNED	2	FDC80PCT	80% threshold 0008
16	(10)	SIGNED	2	FDC85PCT	85% threshold 0008
18	(12)	SIGNED	2	FDC90PCT	90% threshold 0008
20	(14)	SIGNED	2	FDC95PCT	95% threshold 0008
22	(16)	SIGNED	2	FDCMXPCT	Maximum number of cells 0008
24	(18)	SIGNED	2	FDCLOPCT	Current lower acceptable 0008 limit before a new message 0008 is issued 0008
26	(1A)	SIGNED	2	FDCHIPCT	Current higher acceptable 0008 limit 0008
28	(1C)	SIGNED	2	FDCRESVD	Reserved for IBM 0008
32	(20)	SIGNED	4	FDCDOMID	DOM id for message IAT1105 0008
36	(24)	SIGNED	4	FDCXUPSV (15)	Register save area for 0008 FDCXUPMS routine 0008
96	(60)	SIGNED	4	FDCXDNSV (15)	Register save area for 0008 FDCXDNMS routine 0008
156	(9C)	SIGNED	4	FDCWTOSV (15)	Register save area for 0008 FDCWTO routine 0008

Comment

```
------------------------------------------------------------ 0
    The following fields keep track of the highest 0
    usage FCTs. Each field contains 0
    - The FCT address 0
    - FD entry count 0
    Each entry is mapped by the FDCOUNT DSECT below. 0
------------------------------------------------------------ 0
```

End of Comment

216	(D8)	BITSTRING	8	FDCFCT1	Highest FD usage FCT 0008
224	(E0)	BITSTRING	8	FDCFCT2	2nd highest FD usage FCT 0008
232	(E8)	BITSTRING	1	FDCFCT3	3rd highest FD usage FCT 0008
232	(E8)	X'F0'	0	FDCTSIZE	"*-FDCNTRL" Control block size 0008

IATYFDD Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	FDCOUNT	0008
0	(0)	DBL WORD	8	FDCFCT (0)	Define both fields below 0008
0	(0)	SIGNED	4	FDCTFCT	FCT address 0008
4	(4)	SIGNED	4	FDCTUSE	FD use count 0008
8	(8)	BITSTRING	1	FDCTEND (0)	End of entry 0008

IATYFDD Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
FDALLRDC	2E	40	FDIOCOMP	2D	80
FDCDOMID	20		FDIOERR	2D	40
FDCEYE	0	C6C4C3D5	FDIOREQ	2B	8
FDCFCT	0		FDJBTIO	2B	40
FDCFCT1	D8		FDJTFDB	10	
FDCFCT2	E0		FDMODREC	2C	40
FDCFCT3	E8		FDNEWREC	28	
FDCFDCPB	8		FDNEXT	4	
FDCHIPCT	1A		FDNOBUF	2B	80
FDCLOPCT	18		FDNOPUT	2C	2
FDCMAXET	8	13	FDNOTRKS	2B	2
FDCMXPCE	8	2710	FDPENDIO	24	
FDCMXPCT	16		FDPREV	8	
FDCNTRL	0		FDPRTY	2A	
FDCOUNT	0		FDRECER	2C	20
FDCPRICL	8	1F4	FDROOTER	2C	10
FDCRESVD	1C		FDSNGFLE	2B	4
FDCRSVCL	8	FA	FDSTART	0	
FDCSBTER	2F		FDTATCPT	2B	1
FDCSBTFL	2E		FDURECR	2C	8
FDCSBTRD	2E	80	FDURECRD	2F	40
FDCSBTWR	2E	20	FDVALID	18	
FDCSECCL	8	1F4	FDWRTBYT	2C	
FDCTEND	8		FDWRTCHN	2C	80
FDCTFCT	0		FDWRTPST	2D	
FDCTSIZE	E8	F0	FDWRTSDI	2B	20
FDCTUSE	4				
FDCWTOSV	9C				
FDCXDNSV	60				
FDCXUPSV	24				
FDC75PCE	8	1D4C			
FDC75PCT	C				
FDC80PCE	8	1F40			
FDC80PCT	E				
FDC85PCE	8	2134			
FDC85PCT	10				
FDC90PCE	8	2328			
FDC90PCT	12				
FDC95PCE	8	251C			
FDC95PCT	14				
FDDMCFST	20				
FDDMCLST	1C				
FDDRSVDD	32				
FDDRSVDS	30				
FDDRSVDU	31				
FDERRGS	2C	4			
FDERXSIR	2F	80			
FDERXSIW	2C	1			
FDFCTADD	14				
FDFDB	C				
FDFEND	34				
FDFLAGS	2B				
FDFSIZE	34				
FDID	0				

IATYFRP Programming Interface information

Programming Interface information

IATYFRP

End of Programming Interface information

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IATYFRP Heading Information

Common Name: FORMAT REQUIREMENT PARAMETER CONTROL BLOCK
Macro ID: IATYFRP
DSECT Name: FRPSTART FRPENTRY
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: FRP
Offset: 8
Length: 4
Storage Attributes: Main Storage: JSAM buffer
Auxiliary Storage: JES3 spool data set
Subpool: 230, 241
Key: IATISFR
Residency: Any
Size: FRPFSIZE (FRPSTART)
FRPVSIZE (FRPENTRY)
Created by: IATISFR AND IATNTSF
Pointed to by: JDABOSFD IN IATYJDA
NFDFRPFD IN IATYNFD
Serialization: NONE
Function: CONTAINS OUTPUT INFORMATION ON THE //*FORMAT JCL STATEMENT ASSOCIATED WITH A JOB OR ON THE DATASET HEADER ASSOCIATED WITH A STORE AND FORWARD SYSOUT.

IATYFRP Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	FRPSTART	
0	(0)	BITSTRING	6	FRPTRK	SPOOL ADDRESS FOR THIS FILE.
6	(6)	SIGNED	2	FRPCNT	USER COUNT.
8	(8)	CHARACTER	4	FRPID	FILE ID.
12	(C)	BITSTRING	12	FRPCHN	CHAIN FDB, IF PRESENT.
24	(18)	SIGNED	4	FRPVLID	Validation field = DATVALID
28	(1C)	SIGNED	4	FRPDATA (0)	START OF USER DATA AREA.
28	(1C)	SIGNED	2	FRPFIXL	- LENGTH OF FIXED AREA
30	(1E)	SIGNED	2	FRPFRSV	RESERVED 0509
32	(20)	BITSTRING	1	FRPFEND (0)	- END OF FIXED AREA, START OF VAR AREA
32	(20)	BITSTRING	1	FRPFSIZE (0)	SIZE OF FIXED AREA

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	FRPENTRY	
0	(0)	CHARACTER	8	FRPDEST	- DATA SET DESTINATION NAME
8	(8)	CHARACTER	8	FRPTYPE	- DATASET DESTINATION DEVICE TYPE
16	(10)	CHARACTER	8	FRPFORMS	- PRINTER/PUNCH FORMS REQUIRED
24	(18)	CHARACTER	8	FRPCARR	- PRINTER CARRIAGE TAPE REQUIRED
32	(20)	CHARACTER	8	FRPTRAIN	- PRINTER TRAIN REQUIRED
40	(28)	CHARACTER	8	FRPUSER	- USERID FOR TSO OUTPUT
48	(30)	CHARACTER	8	FRPTDEST	DEST FOR TSO OUTPUT
56	(38)	CHARACTER	1	FRPCONTL	- PRINTER CONTROL INFORMATION

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		DEFINITION OF FRPCONTL			
				End of Comment	
		1...		FRPOVFL	"X'80'" - OVERFLOW ON CH. 12
		.1..		FRPINT	"X'40'" - PUNCH IS TO BE INTERPRETED
		..1.		FRPHOLD	"X'20'" - HOLD DS AFTER TSO OUTPUT
		...1		FRPTSOPR	"X'10'" PRINT DS AFTER TSO OUTPUT
		.... ..1.		FRPSPC2	"X'02'" - DOUBLE SPACE OUTPUT
		1		FRPSPC1	"X'01'" - SINGLE SPACE OUTPUT
57	(39)	CHARACTER	1	FRPCOPY	- NUMBER OF PRINT/PUNCH COPIES
58	(3A)	CHARACTER	8	FRPCOPYS	COPY DISTRIBUTION
66	(42)	CHARACTER	1	FRPFLAG1	- DATA SET DEPENDENT FLAGS
				Comment	
		DEFINITION OF FRPFLAG1			
		DEFINED THE SAME AS JDSFLG1 IN MACRO IATYJDS			
				End of Comment	
66	(42)	X'80'	0	FRPPRINT	"JDSPRINT" PRINT TYPE FRP
66	(42)	X'40'	0	FRPPUNCH	"JDSPUNCH" PUNCH TYPE FRP
66	(42)	X'0'	0	FRPTSO	"JDSTSO" TSO TYPE FRP
66	(42)	X'8'	0	FRPUSER1	"JDSUSER1" USER1 TYPE FRP
66	(42)	X'4'	0	FRPUSER2	"JDSUSER2" USER2 TYPE FRP
67	(43)	CHARACTER	1	FRPFLAG2	- DATA SET DEPENDENT FLAGS
				Comment	
		DEFINITION OF FRPFLAG2			
				End of Comment	
		1...		FRPDEFLT	"X'80'" - THIS IS A DEFAULT OVERIDE
		.1..		FRPCOPYV	"X'40'" - COPY FIELD IS VALID
		..1.		FRPOVFLV	"X'20'" - OVFL BIT IS VALID
		...1		FRPINTV	"X'10'" - INT BIT IS VALID
		.... 1...		FRPHOLDV	"X'08'" - HOLD BIT IS VALID
		.... .1..		FRPSPCV	"X'04'" - SPACE BITS ARE VALID
		.... ..1.		FRPPROC	"X'02'" - DDNAME IS QUALIFIED BY PROC
		1		FRPSTEP	"X'01'" - DDNAME IS QUALIFIED BY STEP
68	(44)	SIGNED	2	FRPVARL	- SIZE OF THIS VARIABLE ENTRY
70	(46)	BITSTRING	1	FRPPRTY	- DATA SET PRIORITY
71	(47)	BITSTRING	1	FRPFLAG3	- DATA SET DEPENTENT FLAGS
				Comment	
		DEFINITION OF FRPFLAG3			
				End of Comment	
		1...		FRPPRTYV	"X'80'" - PRTY FIELD IS VALID
		.1..		FRPFCBV	"X'40'" - FRPCARR CONTAINS FCB NAME
		..1.		FRPCPYSV	"X'20'" FRPCOPYS FIELD IS VALID
		...1		FRPFLCNV	"X'10'" FRPFLCNT FIELD IS VALID
		.... 1...		FRPTRVAL	"X'08'" FRPTRESH FIELD IS VALID

IATYFRP Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
71	(47)	X'47'	0	FRPCHTP	"FRPFLAG3" CHAIN SIZE FLAG
		.... .1..		FRPDSET	"X'04'" CHAIN SIZE IS A DATASET
		.... ..1.		FRPCHNV	"X'02'" CHAIN SIZE WAS SPECIFIED ON FORMAT CONTROL CARD
72	(48)	CHARACTER	4	FRPCHARS (4)	TRANSLATE TABLE IDS
88	(58)	CHARACTER	4	FRPFLASH	FORMS FLASH ID
92	(5C)	CHARACTER	4	FRPMODID	COPY MODIFICATION ID
96	(60)	BITSTRING	1	FRPFLCNT	FLASH COUNT
97	(61)	CHARACTER	1	FRPMODRC	COPY MOD REFERENCE CHAR
98	(62)	CHARACTER	1	FRPSTACK	STACKER REQUIRED
99	(63)	BITSTRING	1	FRPDSHNO	Dataset header index
100	(64)	CHARACTER	8	FRPCTABN	COMPACTION TABLE NAME
108	(6C)	BITSTRING	2	FRPCHNSZ (0)	CHAIN SIZE BYTES
108	(6C)	BITSTRING	1	FRPPGNUM	NUM OF PAGES IN SNA CHAIN
109	(6D)	BITSTRING	1	FRPPGSZ	NUM OF LOGICAL RECORDS IN

Comment

A PAGE IF DATA SET DOES NOT HAVE CHARIAGE CONTROL

End of Comment

110	(6E)	SIGNED	2	FRPERSV2	RESERVED 0509
112	(70)	CHARACTER	24	FRPPRCNM (0)	- FULLY QUALIFIED NAME
112	(70)	CHARACTER	16	FRPSTPNM (0)	- HALF QUALIFIED NAME
112	(70)	CHARACTER	8	FRPDDNAM (0)	- NON QUALIFIED NAME
112	(70)	CHARACTER	24	FRPDSNAM	- 24 BYTES FOR NAME
136	(88)	BITSTRING	4	FRPTHRES	DATASET THRESHOLD COUNT
140	(8C)	CHARACTER	8	FRPDEST2	Secondary destination for output
148	(94)	CHARACTER	8	FRPRMTWR	External writer name for remote node
156	(9C)	BITSTRING	1	FRPVEND (0)	- END OF FRP VARIABLE ENTRY AREA
156	(9C)	BITSTRING	1	FRPVSIZE (0)	SIZE OF STANDARD VARIABLE ENTRY

IATYFRP Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
FRPCARR	18		FRPFLAG3	47	
FRPCHARS	48		FRPFLASH	58	
FRPCHN	C	0	FRPFLCNT	60	
FRPCHNSZ	6C		FRPFLCNV	47	10
FRPCHNV	47	2	FRPFORMS	10	
FRPCHTP	47	47	FRPFRSV	1E	
FRPCNT	6	0	FRPFSIZE	20	
FRPCONTL	38		FRPHOLD	38	20
FRPCOPY	39		FRPHOLDV	43	8
FRPCOPYS	3A		FRPID	8	C6D9D740
FRPCOPYV	43	40	FRPINT	38	40
FRPCPYSV	47	20	FRPINTV	43	10
FRPCTABN	64		FRPMODID	5C	
FRPDATA	1C		FRPMODRC	61	
FRPDDNAM	70		FRPOVFL	38	80
FRPDEFLT	43	80	FRPOVFLV	43	20
FRPDEST	0		FRPPGNUM	6C	
FRPDEST2	8C		FRPPGSZ	6D	
FRPDSET	47	4	FRPPRCNM	70	
FRPDSHNO	63		FRPPRINT	42	80
FRPDSNAM	70		FRPPROC	43	2
FRPENTRY	0		FRPPRTY	46	
FRPERSV2	6E		FRPPRTYV	47	80
FRPFCBV	47	40	FRPPUNCH	42	40
FRPFEND	20		FRPRMTWR	94	
FRPFIXL	1C		FRPSPCV	43	4
FRPFLAG1	42		FRPSPC1	38	1
FRPFLAG2	43		FRPSPC2	38	2

Name	Hex Offset	Hex Value
FRPSTACK	62	
FRPSTART	0	
FRPSTEP	43	1
FRPSTPNM	70	
FRPTDEST	30	
FRPTHRES	88	
FRPTRAIN	20	
FRPTRK	0	0
FRPTRVAL	47	8
FRPTSO	42	0
FRPTSOPR	38	10
FRPTYPE	8	
FRPUSER	28	
FRPUSER1	42	8
FRPUSER2	42	4
FRPVARL	44	
FRPVEND	9C	
FRPVLID	18	0
FRPVSIZE	9C	

IATYFSA Programming Interface information

Programming Interface information

IATYFSA

End of Programming Interface information

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IATYFSA Heading Information

Common Name: FUNCTIONAL SUBSYSTEM APPLICATION TABLE
Macro ID: IATYFSA
DSECT Name: FSASTART, IATYCNDB
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: FSA (FSASTART), CNDB (IATYCNDB)
Offset: 0 (FSA), 4 (CNDB)
Length: 4 (FSA), 4 (CNDB)
Storage Attributes: Main Storage: JESPOOL (JES3 PRIVATE AREA)
Auxiliary Storage: N/A
Size: FSASTART - FSALEN
IATYCNDB - CNDBLEN
Created by: IATINFS during JES3 global initialization
Pointed to by: IATYFSS field FSSFSAPT
IATYFSA field FSACHAIN
Serialization: None
Function: Contains information needed by the JES3 global processor about a functional subsystem application.

IATYFSA Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	FSASTART	FUNCTIONAL SUBSYSTEM APPLICATION TABLE
0	(0)	CHARACTER	4	FSAID	CONTROL BLOCK ID
4	(4)	ADDRESS	4	FSACHAIN	ADDRESS OF NEXT FSA TABLE
8	(8)	SIGNED	4	FSAFSID (0)	FUNCTIONAL SUBSYSTEM ID
8	(8)	SIGNED	2	FSAFSSID	FSS PORTION OF FSID
10	(A)	SIGNED	2	FSAFSAID	FSA PORTION OF FSID
12	(C)	ADDRESS	4	FSAFCTPT	ADDRESS OF OWNING FCT
16	(10)	ADDRESS	4	FSAFSSPT	ADDRESS OF OWNING FSS
20	(14)	ADDRESS	4	FSASUPPT	ADDRESS OF SUPUNIT FOR ASSIGNED DEVICE
24	(18)	CHARACTER	8	FSAJNAME	JNAME OF DEVICE ASSIGNED TO FSA
32	(20)	ADDRESS	4	FSAECFPT	ADDRESS OF ECF TO POST WHEN A STATUS CHANGE IN THE FSS AFFECTS THE FSA
36	(24)	BITSTRING	1	FSAECFMK	ECF MASK TO BE USED FOR THE FSA STATUS CHANGE POST
37	(25)	BITSTRING	1	FSATMRSN	REASON FOR FSA DSP TO TERM.
38	(26)	BITSTRING	1	FSAIFLG1	In-storage flag one (i.e. not checkpointed)

Comment

Definition of FSAIFLG1

End of Comment

1...	FSAFNDFC	"X'80'" The FSA was found in the FSA FSS/FSA checkpoint during a hot start with refresh
.1..	FSARSTCK	"X'40'" Information was restored from the FCK during a hot start or hot start with refresh
..1.	FSARI120	"X'20'" Reserved flag
...1	FSARI110	"X'10'" Reserved flag
.... 1...	FSARI108	"X'08'" Reserved flag
.... .1..	FSARI104	"X'04'" Reserved flag
.... ..1.	FSARI102	"X'02'" Reserved flag
....1	FSARI101	"X'01'" Reserved flag

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
39	(27)	BITSTRING	1	FSARSRVD	Reserved for development
40	(28)	ADDRESS	4	FSASTARA	ADDRESS OF STAGING AREA FROM FSS CONTROLLER DSP
44	(2C)	SIGNED	4	FSARSVD1 (2)	RESERVED FOR DEVELOPMENT
52	(34)	SIGNED	4	FSARSVD2 (2)	RESERVED FOR SERVICE
60	(3C)	SIGNED	4	FSARSVD3 (2)	RESERVED FOR USER

Comment

START OF CHECKPOINTED SECTION OF FSA TABLE

End of Comment

72	(48)	DBL WORD	8	FSACKST (0)	START OF CHECKPOINTED SECT
72	(48)	BITSTRING	1	FSAWSTAT	FSA WRITER STATUS FLAGS

Comment

DEFINITION OF FSAWSTAT

End of Comment

		1...		FSAALLOC	"X'80'" FSA IN USE BY WRITER
		.1..		FSADYWTR	"X'40'" FSA IN USE BY DYNAMIC WRITER
		..1.		FSANOWRK	"X'20'" FSA WRITER WAITING FOR WORK
		...1		FSAWTERM	"X'10'" FSA WRITER TERMINATION IN PROGRESS
		.... 1...		FSAWCOMP	"X'08'" FSA WRITER ACTIVITY COMPLETE
		.... .1..		FSAWPOST	"X'04'" NEGATIVE RESPONSE TO GETDS SENT - FSI POST REQUIRED
		.... ..1.		FSASYNCR	"X'02'" SYNCH ORDER REQUIRED FOR FSA
73	(49)	BITSTRING	1	FSASTAT1	FSA/DEVICE START-UP STATUS

Comment

DEFINITION OF FSASTAT1

End of Comment

		1...		FSASTORD	"X'80'" START FSA ORDER SENT
		.1..		FSACONN	"X'40'" FSA-LEVEL CONNECT RECEIVED
		..1.		FSADSTRT	"X'20'" START DEVICE ORDER SENT
		...1		FSADEVST	"X'10'" DEVICE STARTED RESP RECEIVED
		.... 1...		FSASFAIL	"X'08'" START FSA ORDER FAILED
74	(4A)	BITSTRING	1	FSASTAT2	FSA/DEVICE SHUT-DOWN STATUS

Comment

DEFINITION OF FSASTAT2

End of Comment

		1...		FSASTOP	"X'80'" STOP FSA ORDER SENT
		.1..		FSADCONN	"X'40'" FSA-LEVEL DISCON RECEIVED
		..1.		FSADSTOP	"X'20'" STOP DEVICE ORDER SENT
		...1		FSADEVSP	"X'10'" DEVICE STOPPED RESP RECEIVED
		.... 1...		FSAWTRFL	"X'08'" FSA DSP FAILED AND DID NOT STOP THE FSA
75	(4B)	BITSTRING	1	FSAREQ	FSA STATUS POSTS REQUESTED FROM FSS CONTROLLER DSP

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
					---------- DEFINITION OF FSAREQ ----------
				End of Comment	
		1...		FSASTRT	"X'80'" FSA START CAN NOW BE ISSUED
		.1..		FSATERM	"X'40'" FSA DSP MUST TERMINATE
		..1.		FSASTARR	"X'20'" PROCESS THE STAGING AREA POINTED TO BY FSASTARA
		...1		FSARSV10	"X'10'" Reserved for IBM
		.... 1...		FSARETRY	"X'08'" FSA DSP MAY RETRY TO START THE FSS AND FSA
		.... .1..		FSARSV04	"X'04'" RESERVED FOR DEVELOPMENT
		.... ..1.		FSARSV02	"X'02'" RESERVED FOR DEVELOPMENT
		1		FSARSV01	"X'01'" RESERVED FOR DEVELOPMENT
				Comment	

```
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
76	(4C)	SIGNED	4	FSACNDB (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 FOR FSA RELATED MESSAGES 2

Comment

```
 ------------------------------------------------------------
       THE FOLLOWING SECTION CONTAINS SUPUNIT-RELATED
       INFORMATION WHICH IS CHECKPOINTED WITH THE FSA.
 ------------------------------------------------------------
```

End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
170	(AA)	CHARACTER	4	FSADEVAD	CURRENTLY-ASSIGNED DEVICE NUMBER (SUPDEVAD)
174	(AE)	BITSTRING	1	FSAFSFLG	FSS DEVICE FLAG BYTE (SUPFSFLG)
175	(AF)	BITSTRING	1	FSAFSFL2	FSS device flag byte 2 (SUPFSFL2)

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
176       (B0)      SIGNED            4     FSACNDB2 (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
270       (10E)     BITSTRING         1     FSAFLAG1          FLAG BYTE 1 (SUPFLAG1) - SUPOFFLN ONLY
271       (10F)     BITSTRING         1     FSAFLAG2          FLAG BYTE 2
                                                   Comment

 ------------------------------------------------------------
      DEFINITION OF FSAFLAG2
 ------------------------------------------------------------
                                                   End of Comment
                    1...  ....                   FSANPROV          "X'80'" NPRO HAS BEEN CHECKPOINTED
                    .1..  ....                   FSANNPRO          "X'40'" NPRO=NO
                    ..1.  ....                   FSACKPTP          "X'20'" CHECKPOINT INTERVAL IN PAGES
                    ...1  ....                   FSACKPTS          "X'10'" CHECKPOINT INTERVAL IN SEC.
                    ....  1...                   FSANOSET          "X'08'" IF ON, SUPPRESS THE SETUP MESSAGE (IAT7030)
                                                   Comment

 ------------------------------------------------------------
 PRINTER FUNCTIONS THAT INVOLVE OPERATOR INTERVENTION.
 ------------------------------------------------------------
                                                   End of Comment
272       (110)     BITSTRING         1     FSAOPRIN          VALUES FROM FSA CONNECT LIST
                    1...  ....                   FSAOPRBT          "X'80'" BTS INTRVNTN SUPT'ED
                    .1..  ....                   FSAOPRFL          "X'40'" FLASH INTRVNTN SUPT'ED
                    ..1.  ....                   FSAOPRFO          "X'20'" FORMS INTRVNTN SUPT'ED
                    ...1  ....                   FSAOPRCF          "X'10'" CONT FORMS INTRVNTN SUPT'ED
                    ....  1...                   FSAOPRR1          "X'08'" RESERVED FOR DEVELOPMENT
                    ....  .1..                   FSAOPRR2          "X'04'" RESERVED FOR DEVELOPMENT
                    ....  ..1.                   FSAOPRR3          "X'02'" RESERVED FOR DEVELOPMENT
                    ....  ...1                   FSAOPRR4          "X'01'" RESERVED FOR DEVELOPMENT
273       (111)     BITSTRING         1     FSAFLAG3          OPTIONS SUPPORTED BY FSA
                                                   Comment

 ------------------------------------------------------------
      DEFINITION OF FSAFLAG3
 ------------------------------------------------------------
                                                   End of Comment
                    1...  ....                   FSAMSGRT          "X'80'" FSA SUPPORTS MSG ROUTING
274       (112)     SIGNED            2     FSACKPTI          CHECKPOINT INTERVAL
276       (114)     SIGNED            4     FSANPROI          NON PROCESS RUN OUT INTERVAL
280       (118)     SIGNED            4     FSARSVD5          RESERVED FOR SERVICE
284       (11C)     SIGNED            4     FSARSVD6          RESERVED FOR USER
288       (120)     DBL WORD          8     FSACKEND (0)      END OF CHECKPOINTED SECTION
288       (120)     X'D8'             0     FSACKLEN          "FSACKEND-FSACKST" LENGTH OF CHECKPOINTED SECT
```

IATYFSA Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
Comment					
END OF CHECKPOINTED SECTION OF FSA TABLE					
End of Comment					
288	(120)	DBL WORD	8	FSAEND (0)	END OF FSA TABLE ENTRY
288	(120)	X'120'	0	FSALEN	"FSAEND-FSASTART" LENGTH OF FSA TABLE ENTRY

IATYFSA Cross Reference

Name	Hex Offset	Hex Value
FSAALLOC	48	80
FSACHAIN	4	
FSACKEND	120	
FSACKLEN	120	D8
FSACKPTI	112	
FSACKPTP	10F	20
FSACKPTS	10F	10
FSACKST	48	
FSACNDB	4C	
FSACNDB2	B0	
FSACONN	49	40
FSADCONN	4A	40
FSADEVAD	AA	
FSADEVSP	4A	10
FSADEVST	49	10
FSADSTOP	4A	20
FSADSTRT	49	20
FSADYWTR	48	40
FSAECFMK	24	
FSAECFPT	20	
FSAEND	120	
FSAFCTPT	C	
FSAFLAG1	10E	
FSAFLAG2	10F	
FSAFLAG3	111	
FSAFNDFC	26	80
FSAFSAID	A	
FSAFSFLG	AE	
FSAFSFL2	AF	
FSAFSID	8	
FSAFSSID	8	
FSAFSSPT	10	
FSAID	0	
FSAIFLG1	26	
FSAJNAME	18	
FSALEN	120	120
FSAMSGRT	111	80
FSANNPRO	10F	40
FSANOSET	10F	8
FSANOWRK	48	20
FSANPROI	114	
FSANPROV	10F	80
FSAOPRBT	110	80
FSAOPRCF	110	10
FSAOPRFL	110	40
FSAOPRFO	110	20
FSAOPRIN	110	
FSAOPRR1	110	8
FSAOPRR2	110	4
FSAOPRR3	110	2
FSAOPRR4	110	1
FSAREQ	4B	
FSARETRY	4B	8
FSARI101	26	1
FSARI102	26	2
FSARI104	26	4
FSARI108	26	8
FSARI110	26	10
FSARI120	26	20
FSARSRVD	27	
FSARSTCK	26	40
FSARSVD1	2C	
FSARSVD2	34	
FSARSVD3	3C	
FSARSVD5	118	
FSARSVD6	11C	
FSARSV01	4B	1
FSARSV02	4B	2
FSARSV04	4B	4
FSARSV10	4B	10
FSASFAIL	49	8
FSASTARA	28	
FSASTARR	4B	20
FSASTART	0	
FSASTAT1	49	
FSASTAT2	4A	
FSASTOP	4A	80
FSASTORD	49	80
FSASTRT	4B	80
FSASUPPT	14	
FSASYNCR	48	2
FSATERM	4B	40
FSATMRSN	25	
FSAWCOMP	48	8
FSAWPOST	48	4
FSAWSTAT	48	
FSAWTERM	48	10
FSAWTRFL	4A	8

IATYFSCB Programming Interface information

Programming Interface information

IATYFSCB

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

- FSCBETXR
- FSCBFFSC
- FSCBFSVT
- FSCBJFSC
- FSCBXTRC

End of Programming Interface information

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IATYFSCB Heading Information

Common Name: FSS/FSA COMMON CONTROL BLOCK
Macro ID: IATYFSCB
DSECT Name: FSCBSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: FSCB
Offset: 0
Length: 4
Storage Attributes: Main Storage: SUBPOOL SPECIFIED BY FSCBCBSP
Auxiliary Storage: N/A
Key: KEY 1 (JESKEY)
Residency: DEPENDENT UPON THE FSS LEVEL
Size: FSCBLEN
Created by: IATSICD DURING FSS OR FSA CONNECT
Pointed to by: IAZFSCT FIELD FSCTJES
Serialization: THE LOCAL LOCK MUST BE HELD WHILE MODIFYING THE CHAIN OF SRL'S ORIGINATING IN FSCBLSNQ.
Function: THIS IS THE PRIMARY JES3 CONTROL BLOCK IN AN FSS ADDRESS SPACE. THERE IS ONE FSCB FOR THE FSS, AND ONE FOR EACH FSA.

IATYFSCB Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	FSCBSTRT	, FSS/FSA COMMON CONTROL BLOCK
0	(0)	CHARACTER	4	FSCBID	CONTROL BLOCK ID
4	(4)	SIGNED	4	FSCBFSID (0)	FUNCTIONAL SUBSYSTEM ID
4	(4)	SIGNED	2	FSCBFSSI	FSS PORTION OF FSID
6	(6)	SIGNED	2	FSCBFSAI	FSA PORTION OF FSID

Comment

```
-----------------------------------------------------------
    THE FOLLOWING VALUE IS COPIED FROM THE CONNECT
    PARAMETER LIST. IT MUST BE PASSED TO THE FSI
    POST AND ORDER ROUTINES SUPPLIED BY THE FSS.
-----------------------------------------------------------
```

End of Comment

8	(8)	SIGNED	4	FSCBFDAT	CDFFDATA VALUE - PASSED TO POST AND ORDER

Comment

```
-----------------------------------------------------------
    FSCBDEST - GLOBAL DESTINATION QUEUE ID
    THIS FIELD MAY BE SET BY SUPPLYING A VALUE IN
    CONNECT PARAMETER LIST FIELD CDFTOKEN. THE DEFAULT
    DESTINATION IS DSTFSS, THE FSS DYNAMIC DESTINATION
    QUEUE.
-----------------------------------------------------------
```

End of Comment

12	(C)	BITSTRING	1	FSCBDEST	GLOBAL DESTINATION QUEUE ID

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

		DEFINITION OF FSCBFLG1 - FSS OR FSA STATUS FLAGS			

				End of Comment	
13	(D)	BITSTRING	1	FSCBFLG1	FSS OR FSA STATUS FLAGS
		1...		FSCBCONN	"X'80'" FSS OR FSA CONNECTED
		.1..		FSCBDCON	"X'40'" FSS OR FSA DISCONNECT IN PROGRESS
		..1.		FSCBSPDC	"X'20'" SPECIFIC DISCONNECT PROCESSING DONE
		...1		FSCBSTOP	"X'10'" STOP ORDER ISSUED FOR THIS FSS OR FSA; SET IN FCOR; ACCESSED IN SICD.
		.... 1...		FSCBJDET	"X'08'" JESXCF DETACH HAS BEEN 0203 ATTEMPTED 0203
		.... .1..		FSCBTERM	"X'04'" The associated FSS/FSA task has terminated
				Comment	

		DEFINITION OF FSCBTFLG - FSS OR FSA TRACE FLAGS			

				End of Comment	
14	(E)	BITSTRING	1	FSCBTFLG	FSS OR FSA TRACE FLAGS
		1...		FSCBORAC	"X'80'" FSS OR FSA ORDER ROUTINE ACTIVE
		.1..		FSCBPTAC	"X'40'" FSA POST ROUTINE ACTIVE
				Comment	

		DEFINITION OF FSCBLTFL - LISTEN TASK CONTROL FLAGS			

				End of Comment	
15	(F)	BITSTRING	1	FSCBLTFL	LISTEN TASK CONTROL FLAGS
		1...		FSCBLTAT	"X'80'" LISTEN TASK ATTACHED
		.1..		FSCBLTIC	"X'40'" LISTEN TASK INITIALIZATION COMPLETE
		..1.		FSCBLTTR	"X'20'" LISTEN TASK TERMINATION REQUESTED
		...1		FSCBLTND	"X'10'" LISTEN TASK ENDED
		.... 1...		FSCBLTDT	"X'08'" LISTEN TASK DETACHED
		.... .1..		FSCBLTAB	"X'04'" LISTEN TASK ABEND DUE TO NON-ZERO RETURN CODE FROM ORDER ROUTINE
		.... ..1.		FSCBLTCN	"X'02'" LISTEN TASK CANCELLED
16	(10)	BITSTRING	1	FSCBFTYP	FSS TYPE 0069
				Comment	
		----------	0		
		DEFINITION OF FSSTYPE 0			
		----------	0		
				End of Comment	
16	(10)	X'1'	0	FSCBWTR	"1" WTR FSS FOR AFP DEVICE 0069
16	(10)	X'2'	0	FSCBCI	"2" CI FSS FOR MVS CI,PRE-SCAN 0069

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- 0	
				INFORMATION PASSED ON THE FSS CONNECT WHICH MUST 0	
				REMAIN ON THE FSS LEVEL FOR CIFSSES AND MUST BE 0	
				TRANSFERED TO ANY AND ALL FSAS FOR WTR FSS. 0	
				---------- 0	
				End of Comment	
17	(11)	BITSTRING	1	FSCBFLG2	FSS/FSS COMMON INFO 0108
		1...		FSCBAM31	"X'80'" FSS RUNNING AMODE(31) 0108
18	(12)	BITSTRING	1	FSCBRSFL	RESERVED FOR DEVELOPMENT 0108
				Comment	

				DEFINITION OF FSCBMFLG - MESSAGE ROUTING FLAGS	

				End of Comment	
19	(13)	BITSTRING	1	FSCBMFLG	FSS/FSA MESSAGE ROUTING FLAG
		1...		FSCBMSRS	"X'80'" ROUTING CODE WAS SPECIFIED BY JES3
		.1..		FSCBMSCS	"X'40'" CONSOLE ID WAS SPECIFIED BY JES3
				Comment	

				MESSAGE ROUTING CODE AND CONSOLE IDENTIFIER	

				End of Comment	
20	(14)	BITSTRING	16	FSCBMSRC	MCS ROUTING CODE FOR FSS/FSA RELATED MESSAGES
36	(24)	ADDRESS	4	FSCBMSCI	CONSOLE ID FOR FSA RELATED MESSAGES
40	(28)	BITSTRING	16	FSCBMSR2	TEMP FIELD FOR FSA MESSAGES
56	(38)	BITSTRING	1	FSCBMFL2	TEMPORARY FLAG FOR FSA RELATED MESSAGE INDICATORS
56	(38)	X'15'	0	FSCBMTMP	"*-FSCBMSCI" SIZE OF TEMP MSG INFO AREA
57	(39)	BITSTRING	3	FSCBRSF2	RESERVED FOR DEVELOPMENT
				Comment	

				FSS CONTROL BLOCK ADDRESSES AND LENGTHS	

				End of Comment	
60	(3C)	ADDRESS	4	FSCBFSVT	ADDRESS OF THE FSVT
64	(40)	SIGNED	4	FSCBFSVL	LENGTH OF THE FSVT
68	(44)	ADDRESS	4	FSCBJFSC	ADDR OF FSCT FOR TARGET=JES
72	(48)	ADDRESS	4	FSCBFFSC	ADDR OF FSCT FOR TARGET=FSS
76	(4C)	SIGNED	4	FSCBFSCL	LENGTH OF EACH FSCT
80	(50)	SIGNED	4	FSCBTOKN	START COMMAND TOKEN - MAXIMUM FSA COUNT FOR FSS
80	(50)	X'E6'	0	FSCBCBSP	"230" MAIN STORAGE SUBPOOL WHERE CONTROL BLOCKS RESIDE
				Comment	

				ADDRESSES OF OTHER JES3 CONTROL BLOCKS	

				End of Comment	

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
84	(54)	ADDRESS	4	FSCBMEMH	ADDRESS OF MEMDATA HEADER
88	(58)	ADDRESS	4	FSCBSSVT	ADDRESS OF JES3 SSVT
92	(5C)	ADDRESS	4	FSCBFSBX	ADDRESS OF FSCB EXTENSION FOR WRITER FSA

Comment

```
-----------------------------------------------------------
    SERVICE ROUTINE ADDRESSES
-----------------------------------------------------------
```

End of Comment

96	(60)	ADDRESS	4	FSCBMSG	ADDRESS OF MESSAGE ROUTINE IATFCMS
100	(64)	ADDRESS	4	FSCBXTRC	ADDRESS OF TRACE ROUTINE IATFCTR (IATFCTX) 0163
104	(68)	ADDRESS	4	FSCBFCTR	ADDRESS OF TRACE ROUTINE 0163 IATFCTR 0163
108	(6C)	ADDRESS	4	FSCBETXR	ADDRESS OF COMMON END OF TASK EXIT ROUTINE IN IATSICD

Comment

```
----------------------------------------------------------- 0
    FSS OR FSA (DEVICE) NAME AND ADDRESS OF TRACE 0
    CONTROL AREA. 0
----------------------------------------------------------- 0
```

End of Comment

112	(70)	ADDRESS	4	FSCBATRA	TRACE CONTROL AREA ADDRESS 0163
116	(74)	CHARACTER	8	FSCBNAME	NAME OF FSS OR DEVICE NAME 0163 FOR FSA 0163

Comment

```
-----------------------------------------------------------
    MODULE NAMES SUPPLIED BY JES3 GLOBAL FOR FUNCTION-
    SPECIFIC CONNECT AND DISCONNECT PROCESSING.
-----------------------------------------------------------
```

End of Comment

124	(7C)	CHARACTER	8	FSCBCNAM	FUNCTION-SPECIFIC CONNECT MODULE NAME
132	(84)	CHARACTER	8	FSCBDNAM	FUNCTION-SPECIFIC DISCONNECT MODULE NAME

Comment

```
-----------------------------------------------------------
    LISTEN TASK ECB'S AND CONTROL BLOCK ADDRESSES
-----------------------------------------------------------
```

End of Comment

140	(8C)	SIGNED	4	FSCBJXGT	JESXCF GROUPTOKEN
144	(90)	BITSTRING	8	FSCBJXMT	JESXCF MESSAGE TOKEN
152	(98)	SIGNED	4	FSCBLECB	LISTEN TASK PRIMARY ECB
156	(9C)	SIGNED	4	FSCBOECB	ORDER INTERFACE ROUTINE ECB
160	(A0)	SIGNED	4	FSCBLTIT	LISTEN TASK INIT/TERM COMPLETE ECB
164	(A4)	ADDRESS	4	FSCBLTCB	LISTEN TASK TCB ADDRESS
168	(A8)	SIGNED	4	FSCBDLEN	LENGTH OF DATA RECEIVED FROM JESXCF
172	(AC)	ADDRESS	4	FSCBSRL	CURRENT SRL ADDRESS

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- LISTEN VECTOR TABLE THIS TABLE CONTAINS THE ADDRESSES OF THE FSI INTERFACE ROUTINES FOR JES-TO-FSS FUNCTIONS. THE FSI FUNCTION CODE IS AN INDEX INTO THE TABLE, WHICH IS EQUAL IN LENGTH TO THE FSCT ROUTINE ADDRESS SECTION. ----------
					End of Comment
176	(B0)	ADDRESS	4	FSCBLVT (0)	LISTEN VECTOR TABLE
					Comment
					---------- SERVICE ENTRANCE LIST FOR LISTEN TASK USE ----------
					End of Comment
208	(D0)	BITSTRING	1	FSCBSEL	SEL FOR LISTEN TASK USE
					Comment
					---------- IATXGFM PARAMETER LIST FOR LISTEN TASK USE ---------- FSCBXGFM IATXGFM MF=L MODEL IATXGFM PARAMETER LIST $H0=FSSCOMM HJS2329 840109 PD0JH: SP 1.3.4 3 $LN=SP134 HJS2329 831220 PD0TD: SP 1.3.4
					End of Comment
320	(140)	SIGNED	4	FSCBXGFM (0)	ALIGN ON FULLWORD BOUNDARY
320	(140)	CHARACTER	2		MESSAGE ID
322	(142)	ADDRESS	1		CALLER
323	(143)	ADDRESS	1		ERRID
324	(144)	ADDRESS	4		FSCBAD
328	(148)	ADDRESS	4		FSDBAD
332	(14C)	ADDRESS	4		ERRTEXT
					Comment
					---------- TRACE RECORD BUILD AREA FOR LISTEN TASK USE ----------
					End of Comment
336	(150)	SIGNED	4	FSCBTRAC (0)	TRACE RECORD BUILD AREA
336	(150)	CHARACTER	8	FSCBTMOD	MODULE NAME FOR TRACE 'IATFCLT' 'IATFCOR' 'IATFCPT'
344	(158)	CHARACTER	8	FSCBTFUN	FUNCTION TRACED 'INIT' 'DEQ SRL' 'TERM' 'ESTAE' 'ORDER' 'POST'
352	(160)	SIGNED	4	FSCBTEND (0)	END OF BASIC TRACE RECORD
352	(160)	X'4'	0	FSCBTLEN	"(FSCBTEND-FSCBTRAC)/4" BASIC TRACE LENGTH IN WORDS
352	(160)	BITSTRING	68	FSCBTORD	ORDER FSIP TRACE AREA - INCLUDES FIRST 24 BYTES OF SPECIFIC ORDER FSIP
420	(1A4)	SIGNED	4	FSCBTOND (0)	END ORDER TRACE AREA
420	(1A4)	X'15'	0	FSCBTOLN	"(FSCBTOND-FSCBTRAC)/4" ORDER TRACE LENGTH IN WORDS
352	(160)	BITSTRING	36	FSCBTPOS	POST FSIP TRACE AREA
388	(184)	SIGNED	4	FSCBTPND (0)	END POST TRACE AREA

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
388	(184)	X'D'	0	FSCBTPLN	"(FSCBTPND-FSCBTRAC)/4" POST TRACE LENGTH IN WORDS
420	(1A4)	SIGNED	4	FSCBRATK	TOKEN FOR ATTACH RESMGR 0111
424	(1A8)	ADDRESS	4	FSCBRMGR	ADDRESS OF JESXCF MAILBOX 0142 RESOURCE MGR RTN: IATSICD 0142
428	(1AC)	SIGNED	4	FSCBRSV2 (2)	RESERVED FOR SERVICE
436	(1B4)	SIGNED	4	FSCBRSV3 (2)	RESERVED FOR USER
448	(1C0)	DBL WORD	8	FSCBEND (0)	END OF FSCB
448	(1C0)	X'1C0'	0	FSCBLEN	"FSCBEND-FSCBSTRT" LENGTH OF FSCB

IATYFSCB Cross Reference

Name	Hex Offset	Hex Value
FSCBAM31	11	80
FSCBATRA	70	
FSCBCBSP	50	E6
FSCBCI	10	2
FSCBCNAM	7C	
FSCBCONN	D	80
FSCBDCON	D	40
FSCBDEST	C	
FSCBDLEN	A8	
FSCBDNAM	84	
FSCBEND	1C0	
FSCBETXR	6C	
FSCBFCTR	68	
FSCBFDAT	8	
FSCBFFSC	48	
FSCBFLG1	D	
FSCBFLG2	11	
FSCBFSAI	6	
FSCBFSBX	5C	
FSCBFSCL	4C	
FSCBFSID	4	
FSCBFSSI	4	
FSCBFSVL	40	
FSCBFSVT	3C	
FSCBFTYP	10	
FSCBID	0	
FSCBJDET	D	8
FSCBJFSC	44	
FSCBJXGT	8C	
FSCBJXMT	90	
FSCBLECB	98	
FSCBLEN	1C0	1C0
FSCBLTAB	F	4
FSCBLTAT	F	80
FSCBLTCB	A4	
FSCBLTCN	F	2
FSCBLTDT	F	8
FSCBLTFL	F	
FSCBLTIC	F	40
FSCBLTIT	A0	
FSCBLTND	F	10
FSCBLTTR	F	20
FSCBLVT	B0	
FSCBMEMH	54	
FSCBMFLG	13	
FSCBMFL2	38	
FSCBMSCI	24	
FSCBMSCS	13	40
FSCBMSG	60	
FSCBMSRC	14	
FSCBMSRS	13	80
FSCBMSR2	28	
FSCBMTMP	38	15
FSCBNAME	74	
FSCBOECB	9C	
FSCBORAC	E	80
FSCBPTAC	E	40
FSCBRATK	1A4	0
FSCBRMGR	1A8	
FSCBRSFL	12	
FSCBRSF2	39	
FSCBRSV2	1AC	
FSCBRSV3	1B4	
FSCBSEL	D0	
FSCBSPDC	D	20
FSCBSRL	AC	
FSCBSSVT	58	
FSCBSTOP	D	10
FSCBSTRT	0	
FSCBTEND	160	
FSCBTERM	D	4
FSCBTFLG	E	
FSCBTFUN	158	
FSCBTLEN	160	4
FSCBTMOD	150	
FSCBTOKN	50	
FSCBTOLN	1A4	15
FSCBTOND	1A4	
FSCBTORD	160	
FSCBTPLN	184	D
FSCBTPND	184	
FSCBTPOS	160	
FSCBTRAC	150	
FSCBWTR	10	1
FSCBXGFM	140	
FSCBXTRC	64	

IATYFSS Programming Interface information

Programming Interface information

IATYFSS

End of Programming Interface information

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IATYFSS Heading Information

Common Name: FUNCTIONAL SUBSYSTEM TABLE
Macro ID: IATYFSS
DSECT Name: FSSSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: FSS
Offset: 0
Length: 4
Storage Attributes: Main Storage: JESPOOL (JES3 Private Area)
Auxiliary Storage: N/A
Size: 576 Bytes
Created by: IATINFS during JES3 global initialization
Pointed to by: IATYTVT FIELD TVTFSS
IATYFSS FIELD FSSCHAIN
Serialization: None
Function: Holds information needed by the JES3 global processor about a functional subsystem.

IATYFSS Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0		
0	(0)	STRUCTURE	0	FSSSTART	FUNCTIONAL SUBSYSTEM TABLE
0	(0)	CHARACTER	4	FSSID	CONTROL BLOCK ID
4	(4)	ADDRESS	4	FSSCHAIN	ADDRESS OF NEXT FSS TABLE
8	(8)	SIGNED	4	FSSFSID (0)	FUNCTIONAL SUBSYSTEM ID
8	(8)	SIGNED	2	FSSFSSID	FSS PORTION OF FSID
10	(A)	SIGNED	2	FSSFSAID	FSA PORTION OF FSID
12	(C)	CHARACTER	8	FSSNAME	EXTERNAL NAME OF FSS
20	(14)	ADDRESS	4	FSSFSAPT	ADDRESS OF FIRST FSA TABLE FOR THIS FSS
24	(18)	ADDRESS	4	FSSEXTPT	ADDR OF FSS TABLE EXTENSION
28	(1C)	ADDRESS	4	FSSFCTPT	ADDRESS OF OWNING FCT
32	(20)	ADDRESS	4	FSSECFPT	ADDRESS OF ECF TO POST WHEN STATUS CHANGES FOR MAIN PROC WHERE FSS IS RUNNING
36	(24)	BITSTRING	1	FSSECFMK	ECF MASK TO BE USED FOR STATUS CHANGE POST
37	(25)	BITSTRING	1	FSSINIT	INITIALIZATION PROCESSING FL

Comment

```
-------------------------------------------------------------
      DEFINITION OF FSSINIT
-------------------------------------------------------------
```

End of Comment

		1...		FSSFSAMX	"X'80'" MORE DEVICES WERE DEFINED TO THIS FSS THAN CAN BE SUPPORTED
		.1..		FSSHOTST	"X'40'" The FSS address space stayed up across a JES3 hotstart
		..1.		FSSFCTAT	"X'20'" The FSS Controller FCT is attached
38	(26)	BITSTRING	1	FSSTYPE	FSS TYPE

Comment

```
-------------------------------------------------------------
      DEFINITION OF FSSTYPE
-------------------------------------------------------------
```

End of Comment

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
38	(26)	X'1'	0	FSSWTR	"1" WTR FSS FOR AFP DEVICE
38	(26)	X'2'	0	FSSCI	"2" CI FSS FOR MVS CI, PRE-SCAN
39	(27)	BITSTRING	1	FSSREQ	SERVICE REQUEST FLAGS

Comment

DEFINITION OF FSSREQ

End of Comment

		1...		FSSAWAIT	"X'80'" AWAIT ALLOWED DURING FSS START-UP PROCESSING
		.1..		FSSDUMP	"X'40'" STOP FSS WITH A DUMP
		..1.		FSSTRMRQ	"X'20'" FSS TO BE TERMINATED BY *RETURN OR *DUMP
		...1		FSSRQFND	"X'10'" MATCHING RSQ FOUND DURING MAIN CONNECT PROCESSING
		.... 1...		FSSALLOC	"X'08'" AN FSA DSP HAS ISSUED AN FSSSTART REQUEST
		.... .1..		FSSFCTAB	"X'04'" FSS ABEND REQUESTED BY OWNING FCT
		.... ..1.		FSSFSATM	"X'02'" AN FSA DSP UNDER THIS FSS TERMINATED
		1		FSSFSAAC	"X'01'" FSS HAS ONE FSA ACTIVE
40	(28)	SIGNED	4	FSSRSVD1 (4)	RESERVED FOR DEVELOPMENT
56	(38)	SIGNED	4	FSSRSVD2 (3)	RESERVED FOR SERVICE
68	(44)	BITSTRING	3	FSSRSVSA	RESERVED FOR SERVICE
71	(47)	BITSTRING	1	FSSFLG1	FSS FLAG 1

Comment

DEFINITION OF FSSFLG1

End of Comment

		1...		FSSNODSQ	"X'80'" DYNAMIC DEST Q DELETED
		.1..		FSSDYNAD	"X'40'" The FSSDEF was added dynamically
		..1.		FSSDYNCA	"X'20'" The FSSDEF was added dynamically via current *F CONFIG command
		...1		FSSRSTCK	"X'10'" Information was restored from the FCK during a hot start or hot start with refresh
		.... 1...		FSSINHIB	"X'08'" Stop the FSS from becoming active during dynamic change processing
		.... .1..		FSSFL104	"X'04'" RESERVED FOR SERVICE
		.... ..1.		FSSFL102	"X'02'" RESERVED FOR SERVICE
		1		FSSFL101	"X'01'" RESERVED FOR SERVICE
72	(48)	SIGNED	4	FSSRSVD3 (4)	RESERVED FOR USER

Comment

START OF CHECKPOINTED SECTION OF FSS TABLE

End of Comment

88	(58)	DBL WORD	8	FSSCKST (0)	START OF CHECKPOINTED SECT
88	(58)	BITSTRING	1	FSSOPTN	OPTIONS FROM FSSDEF OR *F,F,FSS=

Comment

DEFINITION OF FSSOPTN

End of Comment

		1...		FSSAUTO	"X'80'" START=YES SPECIFIED: START CI FSS WHEN REQUESTED MAIN CONNECTS

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		.1..		FSSTERM	"X'40'" TERM=YES SPECIFIED: STOP FSS ON *DUMP OR *RETURN
		..1.		FSSDYNQ	"X'20'" FSS USES DYNAMIC DESTQ
		...1		FSSFSARQ	"X'10'" FSA TABLE CONSTRUCTION REQUIRED
		.... 1...		FSSGLBL	"X'08'" FSS ASSIGNED TO RUN ON GLOBAL PROCESSOR
		.... .1..		FSSMDRC	"X'04'" FSS MESSAGE DEST CLASS REQUIRES CONVERSION TO EBCDIC FORM OF MCS R.C.
		.... ..1.		FSSSMSAC	"X'02'" SMS WAS ACTIVE AT THE TIME THE FSS WAS STARTED (C/I FSS'S ONLY)
		1		FSSUNUS	"X'01'" FSS UNUSABLE - INISH ERROR
89	(59)	BITSTRING	1	FSSSTAT1	FSS START-UP STATUS FLAGS

Comment

```
-------------------------------------------------------------
      DEFINITION OF FSSSTAT1
-------------------------------------------------------------
```

End of Comment

		1...		FSSSTCMD	"X'80'" FSS START COMMAND ISSUED
		.1..		FSSSTRTD	"X'40'" FSS SUCCESSFULLY STARTED
		..1.		FSSTIMER	"X'20'" ATIME INTERVAL FOR START COMMAND HAS EXPIRED
		...1		FSSSFAIL	"X'10'" FSS START COMMAND FAILED
		.... 1...		FSSCONN	"X'08'" FSS-LEVEL CONNECT RECEIVED
		.... .1..		FSSRSTRT	"X'04'" FSS ACTIVE AT MAIN CONNECT
		.... ..1.		FSSOFSA	"X'02'" ONLY ONE FSA MAY OPERATE UNDER THIS FSS
		1		FSS34D	"X'01'" FSS SUPPORTS 4-DIGIT DEVICE NUMBERS
90	(5A)	BITSTRING	1	FSSSTAT2	FSS SHUT-DOWN STATUS FLAGS

Comment

```
-------------------------------------------------------------
      DEFINITION OF FSSSTAT2
-------------------------------------------------------------
```

End of Comment

		1...		FSSSTOP	"X'80'" STOP FSS ORDER SENT
		.1..		FSSCANC	"X'40'" MVS CANCEL COMMAND ISSUED
		..1.		FSSDCONN	"X'20'" FSS-LEVEL DISCON RECEIVED
		...1		FSSRSTRM	"X'10'" RESTARTABLE TYPE TERMINATION REQUEST. IF A C/I FSS HAS THE TERM=YES OPTION AND IS TERMINATED VIA AN *RETURN ETC. COMMAND, JES3 SHOULD RESTART THE FSS AFTER JES3 COMES UP
		.... ..1.		FSSIPL	"X'02'" FSS MAIN IPLED
		1		FSSFAIL	"X'01'" FSS FAILED/FLUSHED/IPLED OFF
91	(5B)	BITSTRING	1	FSSMSTAT	FSS MODIFY STATUS FLAGS

Comment

```
-------------------------------------------------------------
      DEFINITION OF FSSMSTAT
-------------------------------------------------------------
```

End of Comment

		1...		FSSMPEND	"X'80'" MODIFY COMMAND PENDING
		.1..		FSSMDSPC	"X'40'" CI DSP CNT HAS BEEN MODIFIED
		..1.		FSSMMAST	"X'20'" CI MAX STATEMENT COUNT HAS BEEN MODIFIED

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
92	(5C)	SIGNED	4	FSSCNDBM (0)	IATYCNDB.27: based variable for storage mapping
92	(5C)	SIGNED	4		Four byte console id 0176
96	(60)	CHARACTER	4		IATYCNDB eyecatcher
100	(64)	ADDRESS	4		IATYCNDB version
104	(68)	BITSTRING	8		Reserved for development
112	(70)	BITSTRING	8		Console Name 0176
120	(78)	BITSTRING	24		Reserved for development
144	(90)	SIGNED	2		Reserved for development
146	(92)	BITSTRING	40		Reserved for development MODIFYING DESTINATION
186	(BA)	SIGNED	2	FSSJOBNC	Compatible with FSSJOBNO - see IATXJBNO macro
188	(BC)	SIGNED	2	FSSASID	ASID OF FSS ADDRESS SPACE
190	(BE)	SIGNED	2	FSSFSACT	MAXIMUM NUMBER OF FSAS
192	(C0)	SIGNED	2	FSSBATCT	NUMBER OF CI BATCH DSPS
194	(C2)	SIGNED	2	FSSDSLCT	NUMBER OF CI DEM SEL DSPS
196	(C4)	SIGNED	4	FSSMAXST	MAX NUMBER OF JCL STATEMENTS FOR CI FSS ADDRESS SPACE

Comment

```
 IATYCNDB_1:;
 START OF SPECIFICATIONS
01 PROPRIETARY STATEMENT=
  PROPRIETARY_STATEMENT
  LICENSED MATERIALS - PROPERTY OF IBM
  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
200	(C8)	SIGNED	4	FSSCNDB (0)	IATYCNDB.27: based variable for storage mapping
200	(C8)	SIGNED	4		Four byte console id 0176
204	(CC)	CHARACTER	4		IATYCNDB eyecatcher
208	(D0)	ADDRESS	4		IATYCNDB version
212	(D4)	BITSTRING	8		Reserved for development
220	(DC)	BITSTRING	8		Console Name 0176
228	(E4)	BITSTRING	24		Reserved for development
252	(FC)	SIGNED	2		Reserved for development
254	(FE)	BITSTRING	40		Reserved for development FSS RELATED MESSAGES
294	(126)	CHARACTER	8	FSSPROC	CATALOGUED PROCEDURE NAME
302	(12E)	CHARACTER	8	FSSMPROC	PROC NAME FOR PENDING MODIFY
310	(136)	CHARACTER	8	FSSSYS	MAIN PROC WHERE FSS RESIDES WITH CURRENT GLOBAL

Comment

```
-------------------------------------------------------------
      THE FOLLOWING TWO TABLES CONTAIN THE MAIN PROCESSOR
      ASSIGNMENTS FOR THIS FSS, BOTH CURRENT (FSSSYSID)
      AND PENDING (FSSMSYSI). THE MAIN PROCESSOR SEQUENCE
      NUMBER OF EACH PROCESSOR IN THE COMPLEX DETERMINES
      A POSITION WITHIN A TABLE; THE BYTE AT THAT POSITION
      CONTAINS THE SEQUENCE NUMBER OF THE PROCESSOR WHERE
      THE FSS IS ASSIGNED TO RUN WHEN THE POSITION-
      DETERMINING PROCESSOR IS THE GLOBAL. IF THE BYTE
      CONTAINS ZERO, NO ASSIGNMENT HAS BEEN MADE FOR THIS
      PROCESSOR AS GLOBAL, OR NO PROCESSOR EXISTS FOR THIS
      SEQUENCE NUMBER POSITION.
-------------------------------------------------------------
```

End of Comment

318	(13E)	BITSTRING	1	FSSSYSID (0)	MPC ID'S FOR FSS RESIDENCE
350	(15E)	BITSTRING	1	FSSMSYSI (0)	MPC ID'S FOR PENDING MODIFY

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					
384	(180)	SIGNED	4	FSSMCNDB (0)	IATYCNDB.27: based variable for storage mapping
384	(180)	SIGNED	4		Four byte console id 0176
388	(184)	CHARACTER	4		IATYCNDB eyecatcher
392	(188)	ADDRESS	4		IATYCNDB version
396	(18C)	BITSTRING	8		Reserved for development
404	(194)	BITSTRING	8		Console Name 0176
412	(19C)	BITSTRING	24		Reserved for development
436	(1B4)	SIGNED	2		Reserved for development
438	(1B6)	BITSTRING	40		Reserved for development USED FOR MODIFY
478	(1DE)	BITSTRING	1	FSSSTAT3	FSS CONNECT STATUS FLAG
Comment					

The following two flags are mutually exclusive.					
If neither of the flags is on, this FSS cannot					
select output with IP destination.					

End of Comment					
		1...		FSS3IP	"X'80'" This FSS selects only IP
		.1..		FSS3BOTH	"X'40'" This FSS selects both IP and non-IP
479	(1DF)	BITSTRING	1	FSSRSVDH	RESERVED FOR DEVELOPMENT
480	(1E0)	SIGNED	4	FSSJOBNO	Job number of FSS
484	(1E4)	SIGNED	4	FSSRSVD5	RESERVED FOR SERVICE
488	(1E8)	SIGNED	4	FSSRSVD6	RESERVED FOR USER
496	(1F0)	DBL WORD	8	FSSCKEND (0)	END OF CHECKPOINTED SECTION
496	(1F0)	X'198'	0	FSSCKLEN	"FSSCKEND-FSSCKST" LENGTH OF CHECKPOINTED SECT
Comment					
END OF CHECKPOINTED SECTION OF FSS TABLE					
End of Comment					
496	(1F0)	CHARACTER	128	FSSMSGWK	IATGRFS MESSAGE BUILD WORK AREA
624	(270)	DBL WORD	8	FSSEND (0)	END OF FSS TABLE ENTRY
624	(270)	X'270'	0	FSSLEN	"FSSEND-FSSSTART" LENGTH OF FSS TABLE ENTRY
Comment					

IATXFSS PROCESSING RETURN CODE EQUATES - NOTE THAT FOR					
ALL CASES, A RETURN CODE OF 4 INDICATES AN INVALID FSS					
TABLE ENTRY.					

IATXFSS START PROCESSING RETURN CODE EQUATES - IATGRFS					
THESE EQUATES ARE ALSO USED BETWEEN IATGRFC AND FSA DSPS.					

End of Comment					
624	(270)	X'4'	0	FSSSTITE	"4" INVALID TABLE ENTRY ADDRESS
624	(270)	X'8'	0	FSSSTCKD	"8" FSS CHECKPOINT DISABLED DUE TO PREVIOUS ERROR
624	(270)	X'C'	0	FSSSTUFS	"12" UNUSABLE FSS
624	(270)	X'10'	0	FSSSTALS	"16" FSS ALREADY ACTIVE
624	(270)	X'14'	0	FSSSTNCO	"20" MAIN MPNAME NOT CONNECTED

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
624	(270)	X'18'	0	FSSSTFL	"24" MVS START COMMAND FAILED
624	(270)	X'1C'	0	FSSSTIPM	"28" INVALID PARAMETER STRING
624	(270)	X'20'	0	FSSSTUST	"32" NO STORAGE AVAILABLE
624	(270)	X'24'	0	FSSSTMPN	"36" MAIN PROCESSOR NOT FOUND
624	(270)	X'28'	0	FSSSTFLD	"40" FSS ADDRESS SPACE FAILED
624	(270)	X'2C'	0	FSSSTCAN	"44" FSS FAILED BY OPERATOR
624	(270)	X'30'	0	FSSSTAND	"48" FSS ABNORMAL DISCONNECT
624	(270)	X'34'	0	FSSN4DGT	"52" 4-DIGIT DEVICE NOT SUPPORTED

Comment

```
-----------------------------------------------------------
  IATXFSS FSSSTART PROCESSING RETURN CODE EQUATES - IATGRFS
-----------------------------------------------------------
  IATXFSS FSSSTART ERROR RETURN EQUATES ARE THE SAME AS
  FOR IATXFSS START PROCESSING
  IATXFSS FSSSTART NORMAL RETURN
```

End of Comment

624	(270)	X'0'	0	FSSFCFSA	"0" FSA START MAY BE ISSUED
624	(270)	X'4'	0	FSSFCAWT	"4" WAITING ON FSS CONNECT
624	(270)	X'8'	0	FSSFCRTY	"8" NORMAL FSS SHUTDOWN IN PROGRESS - RETRY LATER

Comment

```
-----------------------------------------------------------
  IATXFSS CHKPT PROCESSING RETURN CODE EQUATES - IATGRFS
-----------------------------------------------------------
```

End of Comment

624	(270)	X'4'	0	FSSCKITE	"4" INVALID TABLE ENTRY ADDRESS
624	(270)	X'8'	0	FSSCKCKD	"8" FSS CHECKPOINT DISABLED DUE TO PREVIOUS ERROR
624	(270)	X'C'	0	FSSCKLCP	"12" LOST FSS CHECKPOINT DATA

Comment

```
-----------------------------------------------------------
  IATXFSS ABEND PROCESSING RETURN CODE EQUATES - IATGRFS
-----------------------------------------------------------
```

End of Comment

624	(270)	X'4'	0	FSSABITE	"4" INVALID TABLE ENTRY ADDRESS
624	(270)	X'8'	0	FSSABALA	"8" FSS ALREADY STOPPED
624	(270)	X'C'	0	FSSABNCO	"12" MAIN PROCESSOR NOT CONNECTED
624	(270)	X'10'	0	FSSABMPN	"16" MAIN PROCESSOR NOT FOUND

Comment

```
-----------------------------------------------------------
  IATXFSS CLEANUP PROCESSING RETURN CODE EQUATES - IATGRFS
-----------------------------------------------------------
```

End of Comment

624	(270)	X'4'	0	FSSCLITE	"4" INVALID TABLE ENTRY ADDRESS

Comment

```
-----------------------------------------------------------
  IATXFSS FSAPOST PROCESSING RETURN CODE EQUATES - IATGRFS
-----------------------------------------------------------
```

End of Comment

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
624	(270)	X'4'	0	FSSAPITE	"4" INVALID TABLE ENTRY ADDRESS
624	(270)	X'8'	0	FSSAPNAF	"8" NO ACTIVE FSAS FOUND

IATYFSS Cross Reference

Name	Hex Offset	Hex Value
FSSABALA	270	8
FSSABITE	270	4
FSSABMPN	270	10
FSSABNCO	270	C
FSSALLOC	27	8
FSSAPITE	270	4
FSSAPNAF	270	8
FSSASID	BC	
FSSAUTO	58	80
FSSAWAIT	27	80
FSSBATCT	C0	
FSSCANC	5A	40
FSSCHAIN	4	
FSSCI	26	2
FSSCKCKD	270	8
FSSCKEND	1F0	
FSSCKITE	270	4
FSSCKLCP	270	C
FSSCKLEN	1F0	198
FSSCKST	58	
FSSCLITE	270	4
FSSCNDB	C8	
FSSCNDBM	5C	
FSSCONN	59	8
FSSDCONN	5A	20
FSSDSLCT	C2	
FSSDUMP	27	40
FSSDYNAD	47	40
FSSDYNCA	47	20
FSSDYNQ	58	20
FSSECFMK	24	
FSSECFPT	20	
FSSEND	270	
FSSEXTPT	18	
FSSFAIL	5A	1
FSSFCAWT	270	4
FSSFCFSA	270	0
FSSFCRTY	270	8
FSSFCTAB	27	4
FSSFCTAT	25	20
FSSFCTPT	1C	
FSSFLG1	47	
FSSFL101	47	1
FSSFL102	47	2
FSSFL104	47	4
FSSFSAAC	27	1
FSSFSACT	BE	
FSSFSAID	A	
FSSFSAMX	25	80
FSSFSAPT	14	
FSSFSARQ	58	10
FSSFSATM	27	2
FSSFSID	8	
FSSFSSID	8	
FSSGLBL	58	8
FSSHOTST	25	40
FSSID	0	

Name	Hex Offset	Hex Value
FSSINHIB	47	8
FSSINIT	25	
FSSIPL	5A	2
FSSJOBNC	BA	
FSSJOBNO	1E0	
FSSLEN	270	270
FSSMAXST	C4	
FSSMCNDB	180	
FSSMDRC	58	4
FSSMDSPC	5B	40
FSSMMAST	5B	20
FSSMPEND	5B	80
FSSMPROC	12E	
FSSMSGWK	1F0	
FSSMSTAT	5B	
FSSMSYSI	15E	
FSSNAME	C	
FSSNODSQ	47	80
FSSN4DGT	270	34
FSSOFSA	59	2
FSSOPTN	58	
FSSPROC	126	
FSSREQ	27	
FSSRQFND	27	10
FSSRSTCK	47	10
FSSRSTRM	5A	10
FSSRSTRT	59	4
FSSRSVDH	1DF	
FSSRSVD1	28	
FSSRSVD2	38	
FSSRSVD3	48	
FSSRSVD5	1E4	
FSSRSVD6	1E8	
FSSRSVSA	44	
FSSSFAIL	59	10
FSSSMSAC	58	2
FSSSTALS	270	10
FSSSTAND	270	30
FSSSTART	0	
FSSSTAT1	59	
FSSSTAT2	5A	
FSSSTAT3	1DE	
FSSSTCAN	270	2C
FSSSTCKD	270	8
FSSSTCMD	59	80
FSSSTFL	270	18
FSSSTFLD	270	28
FSSSTIPM	270	1C
FSSSTITE	270	4
FSSSTMPN	270	24
FSSSTNCO	270	14
FSSSTOP	5A	80
FSSSTRTD	59	40
FSSSTUFS	270	C
FSSSTUST	270	20
FSSSYS	136	
FSSSYSID	13E	

IATYFSS Cross Reference

Name	Hex Offset	Hex Value
FSSTERM	58	40
FSSTIMER	59	20
FSSTRMRQ	27	20
FSSTYPE	26	
FSSUNUS	58	1
FSSWTR	26	1
FSS3BOTH	1DE	40
FSS3IP	1DE	80
FSS34D	59	1

IATYGPW Heading Information

Common Name: General Purpose FCT Work Area
Macro ID: IATYGPW
DSECT Name: GPWSTART
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: GPW
Offset: 0
Length: 4
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 0
Size: GPWSIZE bytes
Created by: IATGRGPF
Pointed to by: FCTATFPF in IATYFCT
Serialization: None
Function: This macro maps the information that is passed to the General Purpose FCT when an IATXGENF macro request is issued.

IATYGPW Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	GPWSTART	, General Purpose FCT Work Area
0	(0)	CHARACTER	4	GPWID	Control Block Id
4	(4)	CHARACTER	16	GPWDESC	Function description
20	(14)	ADDRESS	4	GPWSTFCT	The FCT that issued the IATXGENF START request for this general purpose FCT
24	(18)	ADDRESS	4	GPWRTNAD	Address of the routine to get control
28	(1C)	ADDRESS	4	GPWRTYAD	Retry address

Comment

Registers to be passed to the General Purpose FCT appendage routine.

End of Comment

32	(20)	SIGNED	4	GPWREGS (14)	Registers to be passed to the General Purpose FCT
32	(20)	X'20'	0	GPWREG0	"GPWREGS+0,4" Register 0
32	(20)	X'24'	0	GPWREG1	"GPWREGS+4,4" Register 1
32	(20)	X'28'	0	GPWREG2	"GPWREGS+8,4" Registers 2
32	(20)	X'4C'	0	GPWREG11	"GPWREGS+44,4" Registers 11 - General Purpose FCT address
32	(20)	X'50'	0	GPWREG12	"GPWREGS+48,4" Registers 12 - TVT address
32	(20)	X'54'	0	GPWREG13	"GPWREGS+52,4" Registers 13

Comment

ECF addresses and masks.

End of Comment

88	(58)	ADDRESS	4	GPWNECFA	Normal ECF address
92	(5C)	ADDRESS	4	GPWEECFA	Error ECF address
96	(60)	BITSTRING	1	GPWNECFM	Normal ECF mask
97	(61)	BITSTRING	1	GPWEECFM	Error ECF mask
98	(62)	BITSTRING	9	GPWRSVD1	Reserved for IBM

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IATYGPW Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		Flags.			
		Definition of GPWFLAG1.			
				End of Comment	
107	(6B)	BITSTRING	1	GPWFLAG1	Flag one
		1...		GPWAPCAL	"X'80'" IATXGENF appendage routine was called
		.1..		GPWAPRET	"X'40'" IATXGENF appendage routine has returned
		..1.		GPWJESTE	"X'20'" JESTAE was entered
		...1		GPWRF110	"X'10'" Reserved flag
		.... 1...		GPWRF108	"X'08'" Reserved flag
		.... .1..		GPWRF104	"X'04'" Reserved flag
		.... ..1.		GPWRF102	"X'02'" Reserved flag
		1		GPWRF101	"X'01'" Reserved flag
				Comment	
		End of the GPW.			
				End of Comment	
112	(70)	DBL WORD	8	GPWEND (0)	End of GPW
112	(70)	X'70'	0	GPWSIZE	"GPWEND-GPWSTART" Size of GPW

IATYGPW Cross Reference

Name	Hex Offset	Hex Value
GPWAPCAL	6B	80
GPWAPRET	6B	40
GPWDESC	4	40404040
GPWEECFA	5C	
GPWEECFM	61	0
GPWEND	70	
GPWFLAG1	6B	0
GPWID	0	C7D7E640
GPWJESTE	6B	20
GPWNECFA	58	
GPWNECFM	60	0
GPWREGS	20	
GPWREG0	20	20
GPWREG1	20	24
GPWREG11	20	4C
GPWREG12	20	50
GPWREG13	20	54
GPWREG2	20	28
GPWRF101	6B	1
GPWRF102	6B	2
GPWRF104	6B	4
GPWRF108	6B	8
GPWRF110	6B	10
GPWRSVD1	62	0
GPWRTNAD	18	
GPWRTYAD	1C	
GPWSIZE	70	70
GPWSTART	0	
GPWSTFCT	14	

IATYGRSP Heading Information

Common Name: Common JESMSGLG/JESYSMSG Spinoff Data Area
Macro ID: IATYGRSP
DSECT Name: GRSPSTRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Auxiliary Storage: N/A
Subpool: 230
Size: GRSPSIZE
Created by: IATGRSP
Pointed to by: IATGRSP mainline register
Serialization: NONE
Function: This data area maps the work area for module IATGRSP.

IATYGRSP Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	GRSPSTRT	
0	(0)	CHARACTER	8	GRSPID	Control block identifier
8	(8)	ADDRESS	1	GRSPVER	GRSP version
8	(8)	X'1'	0	GRSPIVER	"1" Initial version number
8	(8)	X'2'	0	GRSPVER2	"2" HJS7707 version number 0104
8	(8)	X'2'	0	GRSPCVER	"GRSPVER2" Current version number 0104
9	(9)	BITSTRING	3	GRSPRSV1	Reserved for development
12	(C)	SIGNED	4	GRSPWALN	Work area length
16	(10)	ADDRESS	4	GRSPJIB	Pointer to JIB
20	(14)	ADDRESS	4	GRSPJSP	Pointer to JSP
24	(18)	ADDRESS	4	GRSPSVT	Pointer to SVT
28	(1C)	ADDRESS	4	GRSPRAB	Pointer to RAB
32	(20)	ADDRESS	4	GRSPACB	Pointer to ACB
36	(24)	ADDRESS	4	GRSPDEB	Pointer to DEB
40	(28)	ADDRESS	4	GRSPMEM	MEM address
44	(2C)	ADDRESS	4	GRSPDSS	DSS address 0094
48	(30)	ADDRESS	4	GRSPDSB	DSB address 0094
52	(34)	ADDRESS	4	GRSPDMC	DMC address 0094
56	(38)	ADDRESS	4	GRSPDFRR	DSS FRR parm address save area
60	(3C)	ADDRESS	4	GRSPOTCB	DSS old TCB address save area
64	(40)	ADDRESS	4	GRSPPTCB	DSB old jobstep task TCB save area
68	(44)	ADDRESS	4	GRSPFTCB	DSB TCB associated with the DAT/DMC storage save area
72	(48)	SIGNED	4	GRSPECB	ECB used in SSISERV
76	(4C)	ADDRESS	4	GRSPDMCB	Begin address of DMC buffer pool from DSB
80	(50)	ADDRESS	4	GRSPDMCE	End address of DMC buffer pool from DSB
84	(54)	ADDRESS	4	GRSPYSJM	Pointer to IATYSSJM 0108
88	(58)	DBL WORD	8	(0)	Alignment
88	(58)	DBL WORD	8	GRSPSTCK	STCK work area 3#0104

Comment

```
-------------------------------------------------------------
      Definition for GRSPFLG1
-------------------------------------------------------------
```

End of Comment

96	(60)	BITSTRING	1	GRSPFLG1	Flag byte
		1...		GRSPJINP	"X'80'" Input dataset is JESMSGLG
		.1..		GRSPSINP	"X'40'" Input dataset is JESYSMSG
		..1.		GRSPPRJM	"X'20'" Processing JESMSGLG

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		...1		GRSPPRSM	"X'10'" Processing JESYSMSG
		.... 1...		GRSPOTDS	"X'08'" Other dataset processed
		.... .1..		GRSPLKUB	"X'04'" UBUF locked in GRSP
		.... ..1.		GRSPFULK	"X'02'" Request to free UBUF lock
		1		GRSPCMSP	"X'01'" Spinoff via op command

Comment

---------- 0
Definition for GRSPFLG2 0
---------- 0

End of Comment

97	(61)	BITSTRING	1	GRSPFLG2	Flag byte 0094
		1...		GRSPDFR	"X'80'" Deferred spinoff request 0094
		.1..		GRSPMEML	"X'40'" MEM job level lock 0094
		..1.		GRSPINTR	"X'20'" Initial request 0094
		...1		GRSPRECV	"X'10'" ESTAE issued 0094
		.... 1...		GRSPRECR	"X'08'" Recursive abend 0094
		.... .1..		GRSPCMD	"X'04'" Op command initiated 0094
		.... ..1.		GRSPF202	"X'02'" Reserved for IBM 0094
		1		GRSPF201	"X'01'" Reserved for IBM 0094 0094
98	(62)	BITSTRING	2	GRSPRSV2	Reserved for IBM 0094

Comment

Time work area for IATSSJM invocation 0

End of Comment

100	(64)	BITSTRING	5	GRSPTMWK (0)	Local TOD structure 0104
100	(64)	SIGNED	4	GRSPTMFW (0)	Work area for HHMMSSTH 0104
100	(64)	BITSTRING	1	GRSPTMHH	Hours 0104
101	(65)	BITSTRING	1	GRSPTMMM	Minutes 0104
102	(66)	BITSTRING	1	GRSPTMSS	Seconds 0104
103	(67)	BITSTRING	1	GRSPTMTH	Tenths of second and 0104 hundredths of seconds 0104 after unpacking this area 0104 into GRSPTMPR, hundredths 0104 of seconds is overlayed 0104 by a decimal sign. 0104
104	(68)	BITSTRING	1	GRSPTMSN	Sign byte for unpacking 0104
105	(69)	CHARACTER	9	GRSPTMPR	HHMMSSTH (Printable) 0104 5#0104

Comment

Internal trace to provide footprints of JESlog
spinoff processing.

End of Comment

114	(72)	CHARACTER	8	GRSPTRID	Trace identifier
122	(7A)	BITSTRING	60	GRSPTRCE	Internal trace
122	(7A)	X'1'	0	SPTR0000	"01" Trace element
122	(7A)	X'2'	0	SPTR0010	"02" Trace element
122	(7A)	X'A'	0	SPTR1000	"10" Trace element
122	(7A)	X'B'	0	SPTR1010	"11" Trace element
122	(7A)	X'C'	0	SPTR1020	"12" Trace element
122	(7A)	X'14'	0	SPTR1100	"20" Trace element
122	(7A)	X'15'	0	SPTR1200	"21" Trace element
122	(7A)	X'16'	0	SPTR1300	"22" Trace element
122	(7A)	X'17'	0	SPTR1400	"23" Trace element
122	(7A)	X'18'	0	SPTR1500	"24" Trace element
122	(7A)	X'1E'	0	SPTR2000	"30" Trace element
122	(7A)	X'1F'	0	SPTR2100	"31" Trace element

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
122	(7A)	X'20'	0	SPTR2200	"32" Trace element
122	(7A)	X'21'	0	SPTR2300	"33" Trace element
122	(7A)	X'22'	0	SPTR2400	"34" Trace element
122	(7A)	X'28'	0	SPTR3000	"40" Trace element
122	(7A)	X'29'	0	SPTR3100	"41" Trace element
122	(7A)	X'2A'	0	SPTR3200	"42" Trace element
122	(7A)	X'32'	0	SPTR4000	"50" Trace element 8#0104
184	(B8)	SIGNED	4	(0)	Align SEL on fullword

Comment

```
------------------------------------------------------------
      Service Entrance List
------------------------------------------------------------
```

End of Comment

184	(B8)	BITSTRING	1	GRSPSEL	SSISERV Service Entrance 0094

Comment

```
------------------------------------------------------------ 0
      ESTAE Parameter Area. 0
------------------------------------------------------------ 0
GRSPSTAE ESTAEX MF=L 0
```

End of Comment

296	(128)	SIGNED	4	(0)	
296	(128)	ADDRESS	1	GRSPSTAE	FLAGS FOR ESTAEX
297	(129)	ADDRESS	1		SECOND FLAG BYTE
298	(12A)	ADDRESS	1		THIRD FLAG BYTE
299	(12B)	ADDRESS	1		VERSION NUMBER
300	(12C)	ADDRESS	4		TOKEN VALUE AREA
304	(130)	ADDRESS	4		PARM. LIST ADDR. NOT SPECIFIED
308	(134)	ADDRESS	4		ALET FOR PARM LIST
312	(138)	ADDRESS	4		EXIT ADDR NOT SPECD 0094

Comment

```
------------------------------------------------------------ 0
      SDUMPX Parameter List. 0
------------------------------------------------------------ 0
GRSPDMPL SDUMPX MF=L, 0
```

End of Comment

316	(13C)	SIGNED	4	GRSPDMPL (0)	SDUMP PARAMETER LIST
316	(13C)	ADDRESS	1		FLAG BYTE
317	(13D)	ADDRESS	1		FLAG BYTE
318	(13E)	ADDRESS	1		FLAG BYTE
319	(13F)	ADDRESS	1		FLAG BYTE
320	(140)	ADDRESS	4		ADDRESS OF DCB
324	(144)	ADDRESS	4		ADDRESS OF STORAGE LIST
328	(148)	ADDRESS	4		ADDRESS OF USER DATA
332	(14C)	ADDRESS	4		ADDRESS OF ECB/SRB
336	(150)	ADDRESS	2		CURRENT ASID
338	(152)	ADDRESS	2		OTHER ASID
340	(154)	ADDRESS	4		ADDRESS OF ASID LIST
344	(158)	ADDRESS	4		ADDRESS OF SUMLIST/SUMLSTA LIST
348	(15C)	ADDRESS	4		RESERVED
352	(160)	ADDRESS	4		RESERVED
356	(164)	ADDRESS	1		FLAG BYTE
357	(165)	ADDRESS	1		CONTROL FLAG BYTE
358	(166)	ADDRESS	1		TYPE FLAG BYTE
359	(167)	ADDRESS	1		VERSION
360	(168)	ADDRESS	1		EXIT FLAG BYTE

IATYGRSP Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
361	(169)	ADDRESS	1		EXIT FLAG BYTE
362	(16A)	ADDRESS	1		SDATA OPTIONS
363	(16B)	ADDRESS	1		RESERVED SDATA OPTIONS
364	(16C)	ADDRESS	4		ADDRESS OF SUBPLST
368	(170)	ADDRESS	4		ADDRESS OF KEYLIST
372	(174)	ADDRESS	4		RESERVED
376	(178)	ADDRESS	4		ALET OF DCB PARAMETER
380	(17C)	ADDRESS	4		ALET OF STORAGE PARAM
384	(180)	ADDRESS	4		ALET OF HDR PARAMETER
388	(184)	ADDRESS	4		ALET OF ASIDLST PARAM
392	(188)	ADDRESS	4		ALET OF SUMLIST PARAM
396	(18C)	ADDRESS	4		ALET OF SUBPLST PARAM
400	(190)	ADDRESS	4		ALET OF KEYLIST PARAM
404	(194)	ADDRESS	4		No LIST64/LISTD
408	(198)	ADDRESS	4		No ALET for LISTD/LIST64
412	(19C)	ADDRESS	4		No SUMLSTL or SUMLIST64
416	(1A0)	ADDRESS	4		ALET SUMLSTL or SUMLIST64
420	(1A4)	ADDRESS	4	(2)	RESERVED 0094
428	(1AC)	SIGNED	4	GRSPRGSV (15)	Register save area

Comment

End of data area.

End of Comment

428	(1AC)	X'1E8'	0	GRSPEND	"*" End of GRSP
428	(1AC)	X'1E8'	0	GRSPSIZE	"GRSPEND-GRSPSTRT" Size of GRSP

Comment

IATYGRSP PREVIOUSLY GENERATED

End of Comment

IATYGRSP Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
GRSPACB	20		GRSPJIB	10	
GRSPCMD	61	4	GRSPJINP	60	80
GRSPCMSP	60	1	GRSPJSP	14	
GRSPCVER	8	2	GRSPLKUB	60	4
GRSPDEB	24		GRSPMEM	28	
GRSPDFR	61	80	GRSPMEML	61	40
GRSPDFRR	38		GRSPOTCB	3C	
GRSPDMC	34		GRSPOTDS	60	8
GRSPDMCB	4C		GRSPPRJM	60	20
GRSPDMCE	50		GRSPPRSM	60	10
GRSPDMPL	13C		GRSPPTCB	40	
GRSPDSB	30		GRSPRAB	1C	
GRSPDSS	2C		GRSPRECR	61	8
GRSPECB	48		GRSPRECV	61	10
GRSPEND	1AC	1E8	GRSPRGSV	1AC	0
GRSPFLG1	60	0	GRSPRSV1	9	0
GRSPFLG2	61	0	GRSPRSV2	62	
GRSPFTCB	44		GRSPSEL	B8	
GRSPFULK	60	2	GRSPSINP	60	40
GRSPF201	61	1	GRSPSIZE	1AC	1E8
GRSPF202	61	2	GRSPSTAE	128	
GRSPID	0	C9C1E3E8	GRSPSTCK	58	
GRSPINTR	61	20	GRSPSTRT	0	
GRSPIVER	8	1	GRSPSVT	18	

Name	Hex Offset	Hex Value
GRSPTMFW	64	
GRSPTMHH	64	0
GRSPTMMM	65	0
GRSPTMPR	69	40404040
GRSPTMSN	68	F
GRSPTMSS	66	0
GRSPTMTH	67	0
GRSPTMWK	64	
GRSPTRCE	7A	0
GRSPTRID	72	C7D9E2D7
GRSPVER	8	
GRSPVER2	8	2
GRSPWALN	C	0
GRSPYSJM	54	
SPTR0000	7A	1
SPTR0010	7A	2
SPTR1000	7A	A
SPTR1010	7A	B
SPTR1020	7A	C
SPTR1100	7A	14
SPTR1200	7A	15
SPTR1300	7A	16
SPTR1400	7A	17
SPTR1500	7A	18
SPTR2000	7A	1E
SPTR2100	7A	1F
SPTR2200	7A	20
SPTR2300	7A	21
SPTR2400	7A	22
SPTR3000	7A	28
SPTR3100	7A	29
SPTR3200	7A	2A
SPTR4000	7A	32

IATYG014 Heading Information

Common Name: JES3 GTF Record - Subtype 14
Macro ID: IATYG014
DSECT Name: G014STRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 1
Size: G014LEN bytes
Created by: IATMSEWL
Pointed to by: None
Serialization: None
Function: This macro maps the subtype 14 JES3 GTF record.

IATYG014 Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	G014STRT	, GTF Record Subtype 14

Comment

Fixed Section of Trace Record.
Note: This section must not change from release to release or via an APAR.

End of Comment

0	(0)	X'E'	0	G014TYPE	"14" Record type
0	(0)	SIGNED	2	G014REL	Release indicator
0	(0)	X'1'	0	G014CURR	"G014606" Current release indicator
0	(0)	X'1'	0	G014606	"1" HJS6606 indicator
2	(2)	SIGNED	2	G014VER	Version indicator
2	(2)	X'1'	0	G014CURV	"G014V001" Current version indicator
2	(2)	X'1'	0	G014V001	"1" Initial version
4	(4)	CHARACTER	8	G014ORIG	System name where GTF record was written

Comment

This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section.

End of Comment

12	(C)	CHARACTER	12	G014RNAM	Record name (WLMENF)
24	(18)	CHARACTER	8	G014SYSN	System name associated with with the event
32	(20)	SIGNED	4	G014ECOD	Event code
36	(24)	SIGNED	4	G014EQAL	Event qualifier
40	(28)	BITSTRING	8	G014TIME	Time stamp
48	(30)	ADDRESS	4	G014MWEV	MDS WEV address (if one was created)
52	(34)	ADDRESS	4	G014GWEV	GMS WEV address (if one was created)
56	(38)	BITSTRING	1	G014WEVT	WEV type if a WEV was created
57	(39)	BITSTRING	7	G014RSVD	Reserved for dev/service

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IATYG014 Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- Start of event specific information. ----------	
				End of Comment	
64	(40)	BITSTRING	32	G014SPEC	Event specific info
				Comment	
				---------- Scheduling environment available/unavailable specific information. ----------	
				End of Comment	
64	(40)	CHARACTER	16	G014SCHE	Scheduling environment
				Comment	
				---------- Reset service class specific information. ----------	
				End of Comment	
64	(40)	CHARACTER	8	G014JNAM	Job name
72	(48)	CHARACTER	8	G014JBID	Job id
80	(50)	BITSTRING	8	G014STKN	STOKEN of address space
				Comment	
				End of GTF record.	
				End of Comment	
96	(60)	BITSTRING	1	G014END (0)	End of GTF record
96	(60)	X'60'	0	G014LEN	"G014END-G014STRT" Size of GTF record

IATYG014 Cross Reference

Name	Hex Offset	Hex Value
G014CURR	0	1
G014CURV	2	1
G014ECOD	20	
G014END	60	
G014EQAL	24	
G014GWEV	34	
G014JBID	48	
G014JNAM	40	
G014LEN	60	60
G014MWEV	30	
G014ORIG	4	
G014REL	0	
G014RNAM	C	
G014RSVD	39	
G014SCHE	40	
G014SPEC	40	
G014STKN	50	
G014STRT	0	
G014SYSN	18	
G014TIME	28	
G014TYPE	0	E
G014VER	2	
G014V001	2	1
G014WEVT	38	
G014606	0	1

IATYG015 Heading Information

Common Name: JES3 GTF Record - Subtype 15
Macro ID: IATYG015
DSECT Name: G015STRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 1
Size: G015LEN bytes
Created by: IATMDWLE
Pointed to by: None
Serialization: None
Function: This macro maps the subtype 15 JES3 GTF record.

IATYG015 Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	G015STRT	, GTF Record Subtype 15

Comment

Fixed Section of Trace Record.
Note: This section must not change from release to release or via an APAR.

End of Comment

0	(0)	X'F'	0	G015TYPE	"15" Record type
0	(0)	SIGNED	2	G015REL	Release indicator
0	(0)	X'1'	0	G015CURR	"G015606" Current release indicator
0	(0)	X'1'	0	G015606	"1" HJS6606 indicator
2	(2)	SIGNED	2	G015VER	Version indicator
2	(2)	X'1'	0	G015CURV	"G015V001" Current version indicator
2	(2)	X'1'	0	G015V001	"1" Initial version
4	(4)	CHARACTER	8	G015ORIG	System name where GTF record was written

Comment

This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section.

End of Comment

12	(C)	CHARACTER	12	G015RNAM	Record name
24	(18)	CHARACTER	8	G015SYSN	System name associated with with the event
32	(20)	ADDRESS	4	G015FCTA	FCT address
36	(24)	ADDRESS	4	G015WEVA	WEV address
40	(28)	BITSTRING	8	G015TIME	Time stamp
48	(30)	BITSTRING	1	G015WTYP	WLM event type (WEVTYPE)
49	(31)	BITSTRING	7	G015RSVD	Reserved for dev/service

Comment

Start of event specific information.

End of Comment

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IATYG015 Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
56	(38)	BITSTRING	32	G015SPEC	Event specific info

Comment

```
-----------------------------------------------------------
      Scheduling environment available/unavailable
      specific information.
-----------------------------------------------------------
```

End of Comment

56	(38)	CHARACTER	16	G015SCHE	Scheduling environment

Comment

End of GTF record.

End of Comment

88	(58)	BITSTRING	1	G015END (0)	End of GTF record
88	(58)	X'58'	0	G015LEN	"G015END-G015STRT" Size of GTF record

IATYG015 Cross Reference

Name	Hex Offset	Hex Value
G015CURR	0	1
G015CURV	2	1
G015END	58	
G015FCTA	20	
G015LEN	58	58
G015ORIG	4	
G015REL	0	
G015RNAM	C	
G015RSVD	31	
G015SCHE	38	
G015SPEC	38	
G015STRT	0	
G015SYSN	18	
G015TIME	28	
G015TYPE	0	F
G015VER	2	
G015V001	2	1
G015WEVA	24	
G015WTYP	30	
G015606	0	1

IATYG016 Heading Information

Common Name: JES3 GTF Record - Subtype 16
Macro ID: IATYG016
DSECT Name: G016STRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 1
Size: G016LEN bytes
Created by: IATMDWLE
Pointed to by: None
Serialization: None
Function: This macro maps the subtype 16 JES3 GTF record.

IATYG016 Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	G016STRT	, GTF Record Subtype 16

Comment

Fixed Section of Trace Record.
Note: This section must not change from release to release or via an APAR.

End of Comment

0	(0)	X'10'	0	G016TYPE	"16" Record type
0	(0)	SIGNED	2	G016REL	Release indicator
0	(0)	X'1'	0	G016CURR	"G016606" Current release indicator
0	(0)	X'1'	0	G016606	"1" HJS6606 indicator
2	(2)	SIGNED	2	G016VER	Version indicator
2	(2)	X'1'	0	G016CURV	"G016V001" Current version indicator
2	(2)	X'1'	0	G016V001	"1" Initial version
4	(4)	CHARACTER	8	G016ORIG	System name where GTF record was written

Comment

This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section.

End of Comment

12	(C)	CHARACTER	12	G016RNAM	Record name
24	(18)	CHARACTER	8	G016SYSN	System name associated with with the event
32	(20)	ADDRESS	4	G016FCTA	FCT address
36	(24)	ADDRESS	4	G016WEVA	WEV address
40	(28)	BITSTRING	8	G016TIME	Time stamp (from the WEV)
48	(30)	BITSTRING	1	G016WTYP	WLM event type (from the WEV)
49	(31)	BITSTRING	3	G016RSV1	Reserved for dev/service
52	(34)	CHARACTER	8	G016JNAM	Job name
60	(3C)	CHARACTER	8	G016JBID	Job id
68	(44)	CHARACTER	16	G016SCHE	Scheduling environment
84	(54)	BITSTRING	4	G016MMSK	Job's main mask (RQMAINS)
88	(58)	BITSTRING	1	G016OIDX	Old RQINDEX value
89	(59)	BITSTRING	1	G016NIDX	New RQINDEX value
90	(5A)	BITSTRING	2	G016RSV2	Reserved for dev/service
92	(5C)	BITSTRING	4	G016OSEM	Old RQSCHEMM value

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IATYG016 Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
96	(60)	BITSTRING	4	G016NSEM	New RQSCHEMM value
100	(64)	BITSTRING	32	G016OJST	Old RQJSTAT value
132	(84)	BITSTRING	32	G016NJST	New RQJSTAT value
164	(A4)	BITSTRING	8	G016RSV3	Reserved for dev/service

Comment

End of GTF record.

End of Comment

172	(AC)	BITSTRING	1	G016END (0)	End of GTF record
172	(AC)	X'AC'	0	G016LEN	"G016END-G016STRT" Size of GTF record

IATYG016 Cross Reference

Name	Hex Offset	Hex Value
G016CURR	0	1
G016CURV	2	1
G016END	AC	
G016FCTA	20	
G016JBID	3C	
G016JNAM	34	
G016LEN	AC	AC
G016MMSK	54	
G016NIDX	59	
G016NJST	84	
G016NSEM	60	
G016OIDX	58	
G016OJST	64	
G016ORIG	4	
G016OSEM	5C	
G016REL	0	
G016RNAM	C	
G016RSV1	31	
G016RSV2	5A	
G016RSV3	A4	
G016SCHE	44	
G016STRT	0	
G016SYSN	18	
G016TIME	28	
G016TYPE	0	10
G016VER	2	
G016V001	2	1
G016WEVA	24	
G016WTYP	30	
G016606	0	1

IATYG018 Heading Information

Common Name: JES3 GTF Record - Subtype 18
Macro ID: IATYG018
DSECT Name: G018STRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 1
Size: G018LEN bytes
Created by: IATMSWLE
Pointed to by: None
Serialization: None
Function: This macro maps the subtype 18 JES3 GTF record.

IATYG018 Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	G018STRT	, GTF Record Subtype 18

Comment

Fixed Section of Trace Record.
Note: This section must not change from release to release or via an APAR.

End of Comment

0	(0)	X'12'	0	G018TYPE	"18" Record type
0	(0)	SIGNED	2	G018REL	Release indicator
0	(0)	X'1'	0	G018CURR	"G018606" Current release indicator
0	(0)	X'1'	0	G018606	"1" HJS6606 indicator
2	(2)	SIGNED	2	G018VER	Version indicator
2	(2)	X'1'	0	G018CURV	"G018V001" Current version indicator
2	(2)	X'1'	0	G018V001	"1" Initial version
4	(4)	CHARACTER	8	G018ORIG	System name where GTF record was written

Comment

This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section.

End of Comment

12	(C)	CHARACTER	12	G018RNAM	Record name
24	(18)	CHARACTER	8	G018SYSN	System name associated with with the event
32	(20)	ADDRESS	4	G018FCTA	FCT address
36	(24)	ADDRESS	4	G018WEVA	WEV address
40	(28)	BITSTRING	8	G018TIME	Time stamp (from the WEV)
48	(30)	BITSTRING	1	G018WTYP	WLM event type (from the WEV)
49	(31)	BITSTRING	3	G018RSV1	Reserved for dev/service
52	(34)	CHARACTER	8	G018JNAM	Job name
60	(3C)	CHARACTER	8	G018JBID	Job id
68	(44)	CHARACTER	16	G018SCHE	Scheduling environment
84	(54)	BITSTRING	4	G018MMSK	Job's main mask (RQMAINS)
88	(58)	BITSTRING	1	G018OIDX	Old RQINDEX value
89	(59)	BITSTRING	1	G018NIDX	New RQINDEX value

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IATYG018 Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- Definition of G018FLG1. ----------	
				End of Comment	
90	(5A)	BITSTRING	1	G018FLG1	Flag byte one
		1...		G018SETU	"X'80'" Setup job (set if RQSETUP is on)
		.1..		G018RCSU	"X'40'" Restart or cancel setup request is in progress (set if RQRSCNS is on)
91	(5B)	BITSTRING	1	G018RSV2	Reserved for dev/service
92	(5C)	BITSTRING	4	G018OSEM	Old RQSCHEMM value
96	(60)	BITSTRING	4	G018NSEM	New RQSCHEMM value
100	(64)	BITSTRING	32	G018OJST	Old RQJSTAT value
132	(84)	BITSTRING	32	G018NJST	New RQJSTAT value
164	(A4)	BITSTRING	8	G018RSV3	Reserved for dev/service
				Comment	
				End of GTF record.	
				End of Comment	
172	(AC)	BITSTRING	1	G018END (0)	End of GTF record
172	(AC)	X'AC'	0	G018LEN	"G018END-G018STRT" Size of GTF record

IATYG018 Cross Reference

Name	Hex Offset	Hex Value
G018CURR	0	1
G018CURV	2	1
G018END	AC	
G018FCTA	20	
G018FLG1	5A	
G018JBID	3C	
G018JNAM	34	
G018LEN	AC	AC
G018MMSK	54	
G018NIDX	59	
G018NJST	84	
G018NSEM	60	
G018OIDX	58	
G018OJST	64	
G018ORIG	4	
G018OSEM	5C	
G018RCSU	5A	40
G018REL	0	
G018RNAM	C	
G018RSV1	31	
G018RSV2	5B	
G018RSV3	A4	
G018SCHE	44	
G018SETU	5A	80
G018STRT	0	
G018SYSN	18	
G018TIME	28	
G018TYPE	0	12
G018VER	2	
G018V001	2	1
G018WEVA	24	
G018WTYP	30	
G018606	0	1

IATYG019 Heading Information

Common Name: JES3 GTF Record - Subtype 19
Macro ID: IATYG019
DSECT Name: G019STRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 1
Size: G019LEN bytes
Created by: IATSISO
Pointed to by: None
Serialization: None
Function: This macro maps the subtype 19 JES3 GTF record.

IATYG019 Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	G019STRT	, GTF Record Subtype 19

Comment

Fixed Section of Trace Record.
Note: This section must not change from release to release or via an APAR.

End of Comment

0	(0)	X'13'	0	G019TYPE	"19" Record type
0	(0)	SIGNED	2	G019REL	Release indicator
0	(0)	X'1'	0	G019CURR	"G019606" Current release indicator
0	(0)	X'1'	0	G019606	"1" HJS6606 indicator
2	(2)	SIGNED	2	G019VER	Version indicator
2	(2)	X'1'	0	G019CURV	"G019V001" Current version indicator
2	(2)	X'1'	0	G019V001	"1" Initial version
4	(4)	CHARACTER	8	G019ORIG	System name where GTF record was written

Comment

This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section.

End of Comment

12	(C)	CHARACTER	8	G019CALL	Set to 'ENTRY', 'EXIT' or 'WAITWORK' to identify trace type
20	(14)	CHARACTER	8	G019APPL	Application defined information (could be binary zeroes)
28	(1C)	BITSTRING	8	G019TRTM	Thread request time stamp
36	(24)	BITSTRING	8	G019GTTM	GTRACE time stamp
44	(2C)	ADDRESS	4	G019ASOB	Application supplied SSOB address
48	(30)	ADDRESS	4	G019ASS2	Application supplied SSS2 address
52	(34)	ADDRESS	4	G019JSOB	Address of JES3 SSOB (a copy of caller's SSOB)
56	(38)	ADDRESS	4	G019JSS2	Address of JES3 SSS2 (a copy of caller's SSS2)
60	(3C)	BITSTRING	16	G019RSVD	Reserved for dev/service

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IATYG019 Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
				---------- Start of COW information. When tracing the COW prior to being sent to the global, only the 'checkpoint' section of the COW is traced. When tracing the COW prior to returning to the caller, the 'checkpoint' and 'dataset' sections of the COW is traced. ----------	
				End of Comment	
76	(4C)	BITSTRING	1	G019COW	
				Comment	
				---------- Start of SSOB information. ----------	
				End of Comment	
1072	(430)	BITSTRING	1	G019SSOB	
				Comment	
				---------- Start of SSS2 information. ----------	
				End of Comment	
1072	(430)	BITSTRING	1	G019SSS2	
				Comment	
				End of GTF record.	
				End of Comment	
2136	(858)	BITSTRING	1	G019END (0)	End of GTF record
2136	(858)	X'858'	0	G019LEN	"G019END-G019STRT" Size of GTF record

IATYG019 Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
G019APPL	14		G019TRTM	1C	
G019ASOB	2C		G019TYPE	0	13
G019ASS2	30		G019VER	2	
G019CALL	C		G019V001	2	1
G019COW	4C		G019606	0	1
G019CURR	0	1			
G019CURV	2	1			
G019END	858				
G019GTTM	24				
G019JSOB	34				
G019JSS2	38				
G019LEN	858	858			
G019ORIG	4				
G019REL	0				
G019RSVD	3C				
G019SSOB	430				
G019SSS2	430				
G019STRT	0				

IATYG020 Heading Information

Common Name: JES3 GTF Record - Subtype 20
Macro ID: IATYG020
DSECT Name: G020STRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 1
Size: G020LEN bytes
Created by: IATWLEVT
Pointed to by: None
Serialization: None
Function: This macro maps the subtype 20 JES3 GTF record.

IATYG020 Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	G020STRT	, GTF Record Subtype 20

Comment

Fixed Section of Trace Record.
Note: This section must not change from release to release or via an APAR.

End of Comment

0	(0)	X'14'	0	G020TYPE	"20" Record type
0	(0)	SIGNED	2	G020REL	Release indicator
0	(0)	X'1'	0	G020CURR	"G020608" Current release indicator
0	(0)	X'1'	0	G020608	"1" HJS6608 indicator
2	(2)	SIGNED	2	G020VER	Version indicator
2	(2)	X'1'	0	G020CURV	"G020V001" Current version indicator
2	(2)	X'1'	0	G020V001	"1" Initial version
4	(4)	CHARACTER	8	G020ORIG	System name where GTF record was written

Comment

This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section.

End of Comment

12	(C)	CHARACTER	12	G020RNAM	Record name
24	(18)	CHARACTER	8	G020SYSN	System name associated with with the event
32	(20)	ADDRESS	4	G020FCTA	FCT address
36	(24)	ADDRESS	4	G020WEVA	WEV address
40	(28)	BITSTRING	8	G020TIME	Time stamp
48	(30)	BITSTRING	32	G020SRVD	WLM service definition
80	(50)	BITSTRING	1	G020WTYP	WLM event type (WEVTYPE)
81	(51)	BITSTRING	7	G020RSVD	Reserved for dev/service

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IATYG020 Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- Start of event specific information. ----------
					End of Comment
88	(58)	BITSTRING	32	G020SPEC	Event specific info
					Comment
					---------- RESET jobname,SRVCLASS Specific Data ----------
					End of Comment
88	(58)	CHARACTER	8	G020_RSRVCL_JOBNAME	Job name
96	(60)	CHARACTER	8	G020_RSRVCL_JOBID	Job id
104	(68)	BITSTRING	8	G020_RSRVCL_STOKEN	STOKEN of address space where job is executing
					Comment
					---------- Deferred Service Class Check Specific Data ----------
					End of Comment
88	(58)	CHARACTER	8	G020_DEFSCL_JOBNAME	Job name
96	(60)	CHARACTER	8	G020_DEFSCL_JOBID	Job id
104	(68)	ADDRESS	4	G020_DEFSCL_ASCB	ASCB of address space where job is executing
					Comment
					End of GTF record.
					End of Comment
120	(78)	BITSTRING	1	G020END (0)	End of GTF record
120	(78)	X'78'	0	G020LEN	"G020END-G020STRT" Size of GTF record

IATYG020 Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
G020_DEFSCL_ASCB	68		G020END	78	
G020_DEFSCL_JOBID	60		G020FCTA	20	
G020_DEFSCL_JOBNAME	58		G020LEN	78	78
G020_RSRVCL_JOBID	60		G020ORIG	4	
G020_RSRVCL_JOBNAME	58		G020REL	0	
G020_RSRVCL_STOKEN	68		G020RNAM	C	
G020CURR	0	1	G020RSVD	51	
G020CURV	2	1	G020SPEC	58	
			G020SRVD	30	
			G020STRT	0	
			G020SYSN	18	
			G020TIME	28	
			G020TYPE	0	14
			G020VER	2	

Name	Hex Offset	Hex Value
G020V001	2	1
G020WEVA	24	
G020WTYP	50	
G020608	0	1

IATYG024 Heading Information

Common Name: JES3 GTF Record - Subtype 24
Macro ID: IATYG024
DSECT Name: G024STRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 1
Size: G024LEN bytes
Created by: IATWLCSM
Pointed to by: None
Serialization: None
Function: This macro maps the subtype 24 JES3 GTF record.

IATYG024 Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	G024STRT	, GTF Record Subtype 24

Comment

Fixed Section of Trace Record.
Note: This section must not change from release to release or via an APAR.

End of Comment

0	(0)	X'18'	0	G024TYPE	"24" Record type
0	(0)	SIGNED	2	G024REL	Release indicator
0	(0)	X'1'	0	G024CURR	"G024608" Current release indicator
0	(0)	X'1'	0	G024608	"1" HJS6608 indicator
2	(2)	SIGNED	2	G024VER	Version indicator
2	(2)	X'1'	0	G024CURV	"G024V001" Current version indicator
2	(2)	X'1'	0	G024V001	"1" Initial version
4	(4)	CHARACTER	8	G024ORIG	System name where GTF record was written

Comment

This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section.
Note: GTF record 24 consists of the information that follows plus one entry for each service class that is registered to JES3. The service class information is mapped by DSECT G024SRVC.

End of Comment

12	(C)	BITSTRING	12	G024RNAM	Record name
24	(18)	BITSTRING	8	G024TIME	Time stamp
32	(20)	BITSTRING	32	G024SVDF	Service definition id
64	(40)	SIGNED	4	G024BRET	IWMBSMP return code
68	(44)	SIGNED	4	G024BRSN	IWMBSMP reason code
72	(48)	SIGNED	2	G024SCLN	Size of Service Class entry
74	(4A)	BITSTRING	22	G024RSVD	Reserved for IBM

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					End of GTF fixed GTF record.
					End of Comment
96	(60)	BITSTRING	1	G024END (0)	End of fixed GTF record
96	(60)	X'60'	0	G024LEN	"G024END-G024STRT" Size of fixed GTF record

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	G024_SRVCSTRT	, Service Class Information
0	(0)	CHARACTER	8	G024_SRVCNAME	Service class name
8	(8)	SIGNED	4	G024_SRVCINDX	Service class index
					Comment
					---------- Statistics passed to WLM on the appropriate system. ----------
					End of Comment
12	(C)	SIGNED	4	G024_PLEXELIG	SYSPLEX eligible count
16	(10)	SIGNED	4	G024_PLEXINEL	SYSPLEX ineligible count
20	(14)	SIGNED	4	G024_PLEXLIMT	SYSPLEX limited count
24	(18)	SIGNED	4	G024_SYSELIG	System eligible count
28	(1C)	SIGNED	4	G024_SYSINEL	System ineligible count
32	(20)	SIGNED	4	G024_VAREND (0)	End of WLM service class information
32	(20)	X'20'	0	G024_VARLEN	"G024_VAREND-G024_SRVCSTRT" Size of WLM service class information
					Comment
					---------- Additional information that appears in the record created by the global. ----------
					End of Comment
32	(20)	SIGNED	4	G024_GLOBINFO (0)	Start of global information
32	(20)	SIGNED	4	G024_GLOBSTAT (0)	Start of global statistics
32	(20)	SIGNED	4	G024_MSWCOUNT	Number of jobs waiting to be scheduled for main service
36	(24)	SIGNED	4	G024_MDSCOUNT	Number of jobs in MDS
40	(28)	SIGNED	4	G024_GMSCOUNT	Number of jobs in GMS select
44	(2C)	SIGNED	4	G024_MNCOFFCT	Number of jobs ineligible because main is not connected or is offline
48	(30)	SIGNED	4	G024_GRPDISCT	

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
52	(34)	SIGNED	4	G024_JOBHLDCT	Number of jobs ineligible because the group is disabled
56	(38)	SIGNED	4	G024_CLSDISCT	Number of jobs ineligible because it is in operator hold
60	(3C)	SIGNED	4	G024_SCHENVCT	Number of jobs ineligible because the class is disabled
64	(40)	SIGNED	4	G024_MSPARTCT	Number of jobs ineligible because the scheduling environment is not available or undefined
68	(44)	SIGNED	4	G024_TDEPTHCT	Number of jobs ineligible because a marginal spool space condition exists
72	(48)	SIGNED	4	G024_TLIMITCT	Number of jobs ineligible because the TDEPTH has been reached
76	(4C)	SIGNED	4	G024_MDEPTHCT	Number of jobs ineligible because the TLIMIT has been reached
80	(50)	SIGNED	4	G024_MLIMITCT	Number of jobs ineligible because the MDEPTH has been reached
84	(54)	SIGNED	4	G024_RSVD1 (3)	Number of jobs ineligible because the MLIMIT has been reached
96	(60)	SIGNED	4	G024_VAREND2 (0)	Reserved for IBM
96	(60)	X'40'	0	G024_VARLEN2	End of JES3 global service class statistics
96	(60)	X'60'	0	G024_VARMXLEN	"G024_VAREND2-G024_GLOBINFO" Size of JES3 global service class statistics
					"G024_VAREND2-G024_SRVCSTRT" Maximum size of service class information

IATYG024 Cross Reference

Name	Hex Offset	Hex Value
G024_CLSDISCT	38	0
G024_GLOBINFO	20	
G024_GLOBSTAT	20	
G024_GMSCOUNT	28	0
G024_GRPDISCT	30	0
G024_JOBHLDCT	34	0
G024_MDEPTHCT	4C	0
G024_MDSCOUNT	24	0
G024_MLIMITCT	50	0
G024_MNCOFFCT	2C	0
G024_MSPARTCT	40	0
G024_MSWCOUNT	20	0
G024_PLEXELIG	C	
G024_PLEXINEL	10	
G024_PLEXLIMT	14	
G024_RSVD1	54	
G024_SCHENVCT	3C	0
G024_SRVCINDX	8	
G024_SRVCNAME	0	
G024_SRVCSTRT	0	
G024_SYSELIG	18	
G024_SYSINEL	1C	
G024_TDEPTHCT	44	0
G024_TLIMITCT	48	0
G024_VAREND	20	
G024_VAREND2	60	
G024_VARLEN	20	20
G024_VARLEN2	60	40
G024_VARMXLEN	60	60
G024BRET	40	
G024BRSN	44	
G024CURR	0	1
G024CURV	2	1
G024END	60	
G024LEN	60	60
G024ORIG	4	

IATYG024 Cross Reference

Name	Hex Offset	Hex Value
G024REL	0	
G024RNAM	C	
G024RSVD	4A	
G024SCLN	48	
G024STRT	0	
G024SVDF	20	
G024TIME	18	
G024TYPE	0	18
G024VER	2	
G024V001	2	1
G024608	0	1

IATYG025 Heading Information

Common Name: JES3 GTF Record - Subtype 25
Macro ID: IATYG025
DSECT Name: G025STRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 1
Size: G025LEN bytes
Created by: IATWLCSM
Pointed to by: None
Serialization: None
Function: This macro maps the subtype 25 JES3 GTF record.

IATYG025 Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	G025STRT	, GTF Record Subtype 25

Comment

Fixed Section of Trace Record.
Note: This section must not change from release to release or via an APAR.

End of Comment

0	(0)	X'19'	0	G025TYPE	"25" Record type
0	(0)	SIGNED	2	G025REL	Release indicator
0	(0)	X'1'	0	G025CURR	"G025608" Current release indicator
0	(0)	X'1'	0	G025608	"1" HJS6608 indicator
2	(2)	SIGNED	2	G025VER	Version indicator
2	(2)	X'1'	0	G025CURV	"G025V001" Current version indicator
2	(2)	X'1'	0	G025V001	"1" Initial version
4	(4)	CHARACTER	8	G025ORIG	System name where GTF record was written

Comment

This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section.
Note: GTF record 25 consists of the information that follows plus one entry for each report class in the sampling matrix that has non-zero information. The report class information is mapped by DSECT G025RPTC.

End of Comment

12	(C)	BITSTRING	12	G025RNAM	Record name
24	(18)	BITSTRING	8	G025TIME	Time stamp
32	(20)	BITSTRING	32	G025SVDF	Service definition id
64	(40)	SIGNED	4	G025BRET	IWMBSMP return code
68	(44)	SIGNED	4	G025BRSN	IWMBSMP reason code
72	(48)	BITSTRING	24	G025RSVD	Reserved for IBM

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IATYG025 Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
Comment					
End of GTF fixed GTF record.					
End of Comment					
96	(60)	BITSTRING	1	G025END (0)	End of fixed GTF record
96	(60)	X'60'	0	G025LEN	"G025END-G025STRT" Size of fixed GTF record

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	G025RPTC	, Report Class Information
0	(0)	SIGNED	4	G025INDX	Report class index
4	(4)	SIGNED	4	G025PELG	SYSPLEX eligible count
8	(8)	SIGNED	4	G025PINL	SYSPLEX ineligible count
12	(C)	SIGNED	4	G025PLMT	SYSPLEX limited count
16	(10)	BITSTRING	1	G025VEND (0)	End of report class information
16	(10)	X'10'	0	G025VLEN	"G025VEND-G025RPTC" Size of report class information

IATYG025 Cross Reference

Name	Hex Offset	Hex Value
G025BRET	40	
G025BRSN	44	
G025CURR	0	1
G025CURV	2	1
G025END	60	
G025INDX	0	
G025LEN	60	60
G025ORIG	4	
G025PELG	4	
G025PINL	8	
G025PLMT	C	
G025REL	0	
G025RNAM	C	
G025RPTC	0	
G025RSVD	48	
G025STRT	0	
G025SVDF	20	
G025TIME	18	
G025TYPE	0	19
G025VEND	10	
G025VER	2	
G025VLEN	10	10
G025V001	2	1
G025608	0	1

IATYG026 Heading Information

Common Name: JES3 GTF Record - Subtype 26
Macro ID: IATYG026
DSECT Name: G026STRT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 1
Size: G026LEN bytes
Created by: IATGRDLY
Pointed to by: None
Serialization: None
Function: This macro maps the subtype 26 JES3 GTF record.

IATYG026 Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	G026STRT	, GTF Record Subtype 26

Comment

Fixed Section of Trace Record.
Note: This section must not change from release to release or via an APAR.

End of Comment

0	(0)	X'1A'	0	G026TYPE	"26" Record type
0	(0)	SIGNED	2	G026REL	Release indicator
0	(0)	X'1'	0	G026CURR	"G026608" Current release indicator
0	(0)	X'1'	0	G026608	"1" HJS6608 indicator
2	(2)	SIGNED	2	G026VER	Version indicator
2	(2)	X'1'	0	G026CURV	"G026V001" Current version indicator
2	(2)	X'1'	0	G026V001	"1" Initial version
4	(4)	CHARACTER	8	G026ORIG	System name where GTF record was written

Comment

This section can be changed from release to release or via APAR as long as you update the release or version indicators in the fixed section.

End of Comment

12	(C)	BITSTRING	12	G026RNAM	Record name
24	(18)	BITSTRING	8	G026TIME	Time stamp
32	(20)	CHARACTER	8	G026JNAM	Job name
40	(28)	CHARACTER	8	G026JBID	Job identifier
48	(30)	CHARACTER	8	G026SRVC	Service class
56	(38)	ADDRESS	4	G026FCT	FCT address

Comment

Old and new delay types

End of Comment

60	(3C)	CHARACTER	4	G026ODLY	Old delay type

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
64	(40)	CHARACTER	4	G026NDLY	New delay type

Comment

Old and new delay reason codes.

End of Comment

68	(44)	BITSTRING	1	G026ORSN	Old delay reason code
69	(45)	BITSTRING	1	G026NRSN	New delay reason code
70	(46)	BITSTRING	2	G026RSV1	Reserved for IBM

Comment

Delay times

End of Comment

72	(48)	SIGNED	4	G026CONV	C/I delay
76	(4C)	SIGNED	4	G026OPER	Operational delay
80	(50)	SIGNED	4	G026JSSC	JES scheduling delay
84	(54)	SIGNED	4	G026RESC	Resource delay

Comment

Control block addresses

End of Comment

88	(58)	ADDRESS	4	G026JQE	JQE address
92	(5C)	ADDRESS	4	G026RQ	RQ address or zero
96	(60)	ADDRESS	4	G026JQEX	JQEX address

Comment

Miscellaneous information

End of Comment

100	(64)	BITSTRING	1	G026RIDX	RQ index (RQINDEX)
101	(65)	BITSTRING	3	G026RSV2	Reserved for IBM
104	(68)	SIGNED	4	G026MAIN	Job main mask (RQMAINS)
108	(6C)	SIGNED	4	G026SCMM	Scheduling environment main mask (RQSCHEMM)
112	(70)	BITSTRING	16	G026RSV3	Reserved for IBM

Comment

End of GTF fixed GTF record.

End of Comment

128	(80)	BITSTRING	1	G026END (0)	End of fixed GTF record
128	(80)	X'80'	0	G026LEN	"G026END-G026STRT" Size of fixed GTF record

IATYG026 Cross Reference

Name	Hex Offset	Hex Value
G026CONV	48	
G026CURR	0	1
G026CURV	2	1
G026END	80	
G026FCT	38	
G026JBID	28	
G026JNAM	20	
G026JQE	58	
G026JQEX	60	
G026JSSC	50	
G026LEN	80	80
G026MAIN	68	
G026NDLY	40	
G026NRSN	45	
G026ODLY	3C	
G026OPER	4C	
G026ORIG	4	
G026ORSN	44	
G026REL	0	
G026RESC	54	
G026RIDX	64	
G026RNAM	C	
G026RQ	5C	
G026RSV1	46	
G026RSV2	65	
G026RSV3	70	
G026SCMM	6C	
G026SRVC	30	
G026STRT	0	
G026TIME	18	
G026TYPE	0	1A
G026VER	2	
G026V001	2	1
G026608	0	1

IATYHWS Heading Information

Common Name: HIGHWATER SETUP TABLE
Macro ID: IATYHWS
DSECT Name: HWSENTRY, HWSMJLEN
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IATIHWST
Offset: 0
Length: 8
Storage Attributes: Main Storage: JESPOOL
Auxiliary Storage: N/A
Size: Variable
Created by: IATINIF
Pointed to by: TIHWST in IATYTVT
Serialization: None
Function: This table contains the names of all device types eligible for High Watermark Setup processing. It also indicates which device names are subsets of other device names, for HWS, and Unit Affinity Processing.

IATYHWS Map

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYHWS	
0	(0)	SIGNED	4	HWSSTART (0)	
0	(0)	CHARACTER	8	HWSNAME	TABLE NAME
8	(8)	SIGNED	4	HWSENT1	PTR TO 1ST REAL-DEV. ENTRY
12	(C)	SIGNED	4	HWSMSENT	PTR TO MS ENTRIES
16	(10)	SIGNED	4	HWSTENT	PTR TO TAPE ENTRIES
20	(14)	SIGNED	4	HWSDENT	PTR TO DIRECT ACCESS ENTRIES
24	(18)	SIGNED	4	HWSURENT	PTR TO UNIT RECORD ENTRIES
28	(1C)	SIGNED	4	HWSGRENT	PTR TO GRAPHICS ENTRIES
32	(20)	SIGNED	4	HWSFEND (0)	END OF FIXED PORTION
32	(20)	BITSTRING	1	HWSFLEN (0)	HEADER LENGTH: L'HWSFLEN

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	HWSENTRY	
0	(0)	SIGNED	4	HWSMJCHN	PTR TO NEXT MAJOR ENTRY
4	(4)	CHARACTER	8	HWSMAJOR	MAJOR GENERIC/ESOTERIC NAME
12	(C)	BITSTRING	1	HWSMJFLG	MAJOR ENTRY FLAG
13	(D)	BITSTRING	3	HWSMJRSV	RESERVED
16	(10)	SIGNED	2	HWSALTCT	MINOR ENTRY COUNT
20	(14)	SIGNED	4	HWSMJEND (0)	END OF MAJOR ENTRY
20	(14)	BITSTRING	1	HWSMJLEN (0)	MAJOR LENGTH

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	HWSMNENT	
0	(0)	CHARACTER	8	HWSMINOR	MINOR GENERIC/ESOTERIC NAME
8	(8)	BITSTRING	1	HWSMNFLG	MINOR ENTRY FLAG
9	(9)	BITSTRING	3	HWSMNRSV	RESERVED FOR DEVELOPMENT

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IATYHWS Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
12	(C)	BITSTRING	1	HWSMNEND (0)	END OF ENTRY
12	(C)	BITSTRING	1	HWSMNLEN (0)	MINOR LENGTH
12	(C)	X'1E'	0	HWSELEN	"30" ENTRY LENGTH FOR BUILDING

Comment

DEFINITION OF HWSMJFLG

End of Comment

11..	....	HWSMS	"X'C0'" MS DEVICE
1...	....	HWSTAPE	"X'80'" TAPE DEVICE
.1..	....	HWSDACC	"X'40'" DIRECT ACCESS DEVICE
..1.	....	HWSUREC	"X'20'" UNIT RECORD DEVICE
...1	....	HWSGRAF	"X'10'" GRAPHICS DEVICE
....	1...	HWSMJ08	"X'08'" RESERVED 0793
....	.1..	HWSMJ04	"X'04'" RESERVED 0793
....	..1.	HWSMJ02	"X'02'" RESERVED 0793

Comment

DEFINITION OF HWSMNFLG

End of Comment

1...	....	HWSMN80	"X'80'" RESERVED 0793
....	..1.	HWSMN02	"X'02'" RESERVED 0793 0793

IATYHWS Cross Reference

Name	Hex Offset	Hex Value
HWSALTCT	10	
HWSDACC	C	40
HWSDENT	14	
HWSELEN	C	1E
HWSENTRY	0	
HWSENT1	8	
HWSFEND	20	
HWSFLEN	20	
HWSGRAF	C	10
HWSGRENT	1C	
HWSMAJOR	4	
HWSMINOR	0	
HWSMJCHN	0	
HWSMJEND	14	
HWSMJFLG	C	
HWSMJLEN	14	
HWSMJRSV	D	
HWSMJ02	C	2
HWSMJ04	C	4
HWSMJ08	C	8
HWSMNEND	C	
HWSMNENT	0	
HWSMNFLG	8	
HWSMNLEN	C	
HWSMNRSV	9	
HWSMN02	C	2
HWSMN80	C	80
HWSMS	C	C0
HWSMSENT	C	
HWSNAME	0	
HWSSTART	0	
HWSTAPE	C	80
HWSTENT	10	
HWSUREC	C	20
HWSURENT	18	
IATYHWS	0	

IATYICT Programming Interface information

Programming Interface information

IATYICT

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

- ICTABTRM
- ICTBLK
- ICTCACCT
- ICTCFIND
- ICTCNPRM
- ICTCPP
- ICTCQLPX
- ICTCQMGR
- ICTESTAE
- ICTETXR
- ICTIIST
- ICTJBSDM
- ICTJDE
- ICTPRCAD
- ICTSDM
- ICTSDUMP
- ICTSEC
- ICTSECA
- ICTSPAFJ
- ICTSPAFS

End of Programming Interface information

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IATYICT Heading Information

Common Name: INTERPRETER CONTROL TABLE
Macro ID: IATYICT
DSECT Name: IATYICT
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: JES3 Private Area
Auxiliary Storage: N/A
Size: 268 Bytes
Created by: ALOADED by IATINAT
Pointed to by: TVTICTCH in IATYTVT
IDDICT in IATYIDD
ICTCHN in IATYICT
Serialization: AENQ on ICT (serialize ICT chain)
ICTALLOC flag (serialize the use of one C/I subtask)
Function: Contains Converter/Interpreter work area and status information

IATYICT Map

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	IATYICT	
0	(0)	SIGNED	4	ICTSTART (0)	START OF THE ICT

Comment

```
ICTID IATYMOD BR=NO IDENTIFY THE MODULE
            JES3 MODULE ENTRY POINT IDENTIFIER
01 Change Activity:
  $RJ=OS240 HJS6604 960522 PD0DR: OS 2.4.0
```

End of Comment

0	(0)	CHARACTER	8	ICTID	MODULE NAME
8	(8)	CHARACTER	8		RELEASE, FEATURE OR SU
16	(10)	CHARACTER	8		DATE
24	(18)	CHARACTER	6		TIME
32	(20)	SIGNED	4	(0)	
32	(20)	ADDRESS	4		ADDRESS OF APARNUM
36	(24)	SIGNED	4	ICTCHN	POINTER TO NEXT ICT
40	(28)	BITSTRING	1	ICTCLR (0)	START OF ICT WORK AREA
40	(28)	CHARACTER	8	ICTACMOD	NAME OF SUBTASK ACTIVE MODULE
48	(30)	ADDRESS	4	ICTIIST	ADDRESS OF SUBTASK IATIIST USING THIS ICT. THIS IS USED FOR TRAPPING THE RIGHT SUBTASK
52	(34)	BITSTRING	1	ICTFLAG1	FLAG ONE

Comment

```
-------------------------------------------------------------
          DEFINITION OF ICTFLAG1
-------------------------------------------------------------
```

End of Comment

		1...		ICTSJFTM	"X'80'" PERFORM SJF TERMINATION 3361 PROCESSING 3361

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		THIS LINE DELETED BY APAR OY42703			
				End of Comment	
		..1.		ICTSWAPR	"X'20'" INVOKE SWA PROCESSING ROUTINE
		...1		ICTFRSWA	"X'10'" FREE SWA SUBPOOL - WHEN ZERO SUBPOOL HAS BEEN FREED
		.... 1...		ICTESTAF	"X'08'" IATIIST'S ESTAE (STESTAEX) HAS BEEN PREVIOUSLY ENTERED
		.... .1..		ICTSBDET	"X'04'" SUBTASK IS DETACHED - SET BY THE SUBTASK ETXR
		.... ..1.		ICTSWASP	"X'02'" PERFORM SWA SPOOLING
		1		ICTPCLOS	"X'01'" CLOSE THE CURRENT PROCLIB
53	(35)	BITSTRING	1	ICTFLAG2	FLAG TWO
				Comment	

		DEFINITION OF ICTFLAG2			

				End of Comment	
		1...		ICTABND	"X'80'" CI SUBTASK ABENDED - SET BY THE SUBTASK ETXR
		.1..		ICTSUBA	"X'40'" SUBTASK IS ACTIVE
		..1.		ICTOTSWB	"X'20'" OUTPUT SWB PROCESSING IS 3361 REQUIRED FOR A JOB 3361
		...1		ICTINTA	"X'10'" SUBTASK ACTIVE IN MVS C/I, 3361 SET SO ESTAE EXIT CLOSES 3361 JCLIN, JESJCL, SYSMSG AND JCBLOCK DATA SETS
		.... 1...		ICTFINIS	"X'08'" INTERP. FINISHED WITH JOB
		.... .1..		ICTINTRQ	"X'04'" CONVERSION/INTERPRETATION IS REQUIRED FOR A JOB
		.... ..1.		ICTALLOC	"X'02'" SUBTASK IS ALLOCATED (IN USE)
		1		ICTFABND	"X'01'" FORCE SUBTASK ABEND - SET TO CAUSE THE SUBTASK TO RETURN TO THE CONTROL PROGRAM
54	(36)	BITSTRING	1	ICTFLAG3	FLAG THREE
				Comment	

		DEFINITION OF ICTFLAG3			

				End of Comment	
		1...		ICTRF380	"X'80'" RESERVED
		.1..		ICTUX02	"X'40'" USER EXIT IATUX02 IS JES3 DUMMY EXIT
		..1.		ICTUX03	"X'20'" USER EXIT IATUX03 IS JES3 DUMMY EXIT
		...1		ICTRF310	"X'10'" RESERVED
		.... 1...		ICTRF308	"X'08'" RESERVED
		.... .1..		ICTRF304	"X'04'" RESERVED
		.... ..1.		ICTRF302	"X'02'" RESERVED
		1		ICTRF301	"X'01'" RESERVED
55	(37)	BITSTRING	1	ICTFLAG4	FLAG FOUR
				Comment	

		DEFINITION OF ICTFLAG4			

				End of Comment	

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
		1...		ICTNODMP	"X'80'" NO SDUMP FROM ESTAE
		.1..		ICTDMSEL	"X'40'" ICT FOR DEMAND SELECT JOB
		..1.		ICTBATCH	"X'20'" ICT FOR BATCH JOB
		...1		ICTCIFSS	"X'10'" ICT FOR SUBTASK WHICH IS USED TO START A CI FSS ADDR. SPACE
		.... 1...		ICTACEE	"X'08'" ACEE CREATED DURING C/I 0039 SUBTASK PROCESSING 0039
		.... .1..		ICTRF404	"X'04'" RESERVED
		.... ..1.		ICTRF402	"X'02'" RESERVED
		1		ICTRF401	"X'01'" RESERVED

Comment

WORK AREAS AND POINTERS

End of Comment

56	(38)	SIGNED	4	ICTIDD	PTR TO CURRENT IDD
60	(3C)	SIGNED	4	ICTEXTPT	PTR TO ICT EXTENSION
64	(40)	SIGNED	4	ICTISAV	INTERPRETER SAVE AREA PTR
68	(44)	SIGNED	4	ICTSSAV	SCHEDULER SAVE AREA PTR 1
72	(48)	ADDRESS	4	ICTTCB	TCB ADDRESS OF SUBTASK
76	(4C)	ADDRESS	4	ICTJSCB	JSCB ADDRESS FOR SUBTASK
80	(50)	SIGNED	4	ICTRSVFW	RESERVED FOR DEVELOPMENT
84	(54)	SIGNED	4	ICTUSER (2)	USER WORK AREA
92	(5C)	ADDRESS	4	ICTTVT	TVT ADDRESS
96	(60)	ADDRESS	4	ICTJDE	JDE ADDRESS FOR THIS ICT
100	(64)	ADDRESS	4	ICTSDWAS	SDWA ADDRESS
104	(68)	ADDRESS	4	ICTPRCAD	PROCLIB TABLE ADDRESS
108	(6C)	ADDRESS	4	ICTSECA	SECURITY PARAMETER LIST 0039
112	(70)	SIGNED	4	ICTECB	ECB FOR SUBTASK COMMUNICATION
116	(74)	SIGNED	4	ICTRES	ECB FOR SUBTASK ATTACH POST
120	(78)	SIGNED	4	ICTHDECB	ADDRESS SPACE JCL LIMIT QUIESCE ECB
124	(7C)	SIGNED	4	ICTINCNT	SUBTASK INTERPRETATION CNT.
128	(80)	SIGNED	2	ICTPARID	CURRENT PARM ID
130	(82)	BITSTRING	1	ICTTMPSV	TEMPORARY WORK/SAVE AREA
131	(83)	BITSTRING	1	ICTRSVHW	RESERVED FOR DEVELOPMENT
132	(84)	SIGNED	4	ICTMODSV	SAVE AREA FOR MODE SWITCHES
136	(88)	SIGNED	4	ICTRS1FD	RESERVED FOR DEVELOPMENT
140	(8C)	SIGNED	4	ICTRS2FS (2)	RESERVED FOR SERVICE
148	(94)	SIGNED	4	ICTRS2FU (2)	RESERVED FOR USER

Comment

CONVERTER PARAMETER LIST (CNPRM).
NOTE: THE AMOUNT OF STORAGE DEFINED IS EQUAL TO THE
SIZE OF THE FIXED PORTION OF THE CNPRM, THE
SIZE OF THE EXIT LIST HEADER, PLUS THE SIZE
OF ONE EXIT ENTRY.

End of Comment

156	(9C)	BITSTRING	1	ICTCNPRM	CONVERTER PARAMETER LIST

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					---------- MISCELLANEOUS PARAMETER LISTS. ----------
					ICTSPAFS DEFINES THE JES3 SPOOL ACCESS FACILITY PARAMETER LIST FOR SMS SCHEDULING INFORMATION SPOOL DATATASET
					End of Comment
292	(124)	BITSTRING	40	ICTSPAFS	ICTSPAFJ DEFINES THE JES3 SPOOL ACCESS FACILITY PARAMETER LIST FOR SMS JOB INFORMATION SPOOL DATASET
332	(14C)	BITSTRING	44	ICTSPAFJ	
376	(178)	DBL WORD	8	(0)	RETAIN DBL WD ALIGNMENT
376	(178)	BITSTRING	156	ICTRSVS1	RESERVED FOR IBM/SPACE PREVIOUSLY USED FOR RPL'S MOVED TO ICT EXTENSION
532	(214)	SIGNED	2	ICTCPP (0)	
532	(214)	ADDRESS	4		.PRIMARY CELL COUNT
536	(218)	ADDRESS	4		.SECONDARY CELL COUNT
540	(21C)	ADDRESS	4		.CELL SIZE
544	(220)	ADDRESS	1		.SUBPOOL ID
545	(221)	ADDRESS	1		.KEY
546	(222)	BITSTRING	2		
548	(224)	ADDRESS	4		.TCB ADDRESS
552	(228)	BITSTRING	24		.HEADER
576	(240)	BITSTRING	152	ICTBLK	BLOCK SPOOLER PARM LIST
728	(2D8)	BITSTRING	120	ICTSDM	SPOOL DATA MANAGEMENT PARM LIST ICTJBSDM DEFINES THE SPOOL DATA MANAGEMENT PARAMETER LIST FOR J3JBINFO
848	(350)	BITSTRING	1	ICTJBSDM	
					Comment
					---------- ROUTINES AND EXITS ----------
					End of Comment
968	(3C8)	ADDRESS	4	ICTAUX02	ADDR OF USER EXIT IATUX02
972	(3CC)	ADDRESS	4	ICTAUX03	ADDR OF USER EXIT IATUX03
976	(3D0)	ADDRESS	4	ICTCQMGR	IATIICX - C/I QMNGR ENTRY POINT - MOVE MODE
980	(3D4)	ADDRESS	4	ICTCQLPX	IATIICX - C/I QMNGR ENTRY POINT - LOCATE MODE
984	(3D8)	ADDRESS	4	ICTCFIND	IATIIFD - PROCEDURE FIND EXIT ENTRY POINT
988	(3DC)	ADDRESS	4	ICTCACCT	IATIICX - ACCOUNTING EXIT ENTRY POINT
992	(3E0)	ADDRESS	4	ICTRSVAD	RESERVED FOR ROUTINE ADDRESS
996	(3E4)	ADDRESS	4	ICTIORES	RESERVED FOR DEVELOPMENT
1000	(3E8)	ADDRESS	4	ICTETXR	IATIISB - ETXR ROUTINE 2829 ADDRESS 2829
1004	(3EC)	ADDRESS	4	ICTRSVRT	RESERVED FOR ROUTINE ADDRESS
					Comment
					---------- DATA MANAGMENT CONTROL BLOCK ADDRESSES ----------
					End of Comment
1008	(3F0)	SIGNED	4	ICTJCDSS	JCLIN DSS POINTER 1
1012	(3F4)	SIGNED	4	ICTJCDEB	JCLIN DEB POINTER
1008	(3F0)	ADDRESS	4	ICTJBDSS	JCBLOCK DSS POINTER
1012	(3F4)	ADDRESS	4	ICTJBDEB	JCBLOCK DEB POINTER
1016	(3F8)	SIGNED	4	ICTJEDSS	JESJCL DSS POINTER 1

IATYICT Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
1020	(3FC)	SIGNED	4	ICTJEDEB	JESJCL DEB POINTER
1024	(400)	SIGNED	4	ICTSYDSS	SYSMSG DSS POINTER 1
1028	(404)	SIGNED	4	ICTSYDEB	SYSMSG DEB POINTER 26
1032	(408)	SIGNED	4	ICTRSVD (3)	RESERVED FOR DEVELOPMENT
1044	(414)	SIGNED	4	ICTRSVS (3)	RESERVED FOR SERVICE
1056	(420)	SIGNED	4	ICTRSVU (3)	RESERVED FOR USER 14
1068	(42C)	SIGNED	4	ICTEND (0)	END OF ICT WORK AREA

Comment

```
-----------------------------------------------------------
          IATINAT ENTRY REASON EQUATES
-----------------------------------------------------------
```

End of Comment

1068	(42C)	X'0'	0	ICTFINIT	"0" FULL INITIALIZATION OF ALL CI SUBTASKS
1068	(42C)	X'4'	0	ICTREINS	"4" CLEANUP/REINSTATE CI SUBTASK
1068	(42C)	X'8'	0	ICTDSCRE	"8" CREATE ONE DEMAND SELECT CI SUBTASK
1068	(42C)	X'C'	0	ICTBTCRE	"12" CREATE ONE BATCH CI SUBTASK
1068	(42C)	X'10'	0	ICTCFCRE	"16" CREATE ONE CI SUBTASK THAT IS RESERVED FOR STARTING CI FSS ADDRESS SPACES
1068	(42C)	X'14'	0	ICTDETSB	"20" DETACH/CLEANUP CI SUBTASK
1068	(42C)	X'18'	0	ICTSTERM	"24" TERMINATE A CI SUBTASK 3361
1068	(42C)	X'18'	0	ICTMXENT	"24" MAXIMUM ENTRY REASON 3361
1068	(42C)	BITSTRING	1	ICTSEC (0)	SECURITY PARAMETER LIST 0039 POINTED TO BY ICTSECA 0039

IATYICT Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
IATYICT	0		ICTFLAG3	36	0
ICTABND	35	80	ICTFLAG4	37	0
ICTACEE	37	8	ICTFRSWA	34	10
ICTACMOD	28	40404040	ICTHDECB	78	0
ICTALLOC	35	2	ICTID	0	C9C1E3E8
ICTAUX02	3C8		ICTIDD	38	0
ICTAUX03	3CC		ICTIIST	30	
ICTBATCH	37	20	ICTINCNT	7C	0
ICTBLK	240	0	ICTINTA	35	10
ICTBTCRE	42C	C	ICTINTRQ	35	4
ICTCACCT	3DC		ICTIORES	3E4	
ICTCFCRE	42C	10	ICTISAV	40	0
ICTCFIND	3D8		ICTJBDEB	3F4	
ICTCHN	24	0	ICTJBDSS	3F0	
ICTCIFSS	37	10	ICTJBSDM	350	0
ICTCLR	28		ICTJCDEB	3F4	0
ICTCNPRM	9C	0	ICTJCDSS	3F0	0
ICTCPP	214		ICTJDE	60	
ICTCQLPX	3D4		ICTJEDEB	3FC	0
ICTCQMGR	3D0		ICTJEDSS	3F8	0
ICTDETSB	42C	14	ICTJSCB	4C	
ICTDMSEL	37	40	ICTMODSV	84	0
ICTDSCRE	42C	8	ICTMXENT	42C	18
ICTECB	70	0	ICTNODMP	37	80
ICTEND	42C		ICTOTSWB	35	20
ICTESTAF	34	8	ICTPARID	80	0
ICTETXR	3E8		ICTPCLOS	34	1
ICTEXTPT	3C	0	ICTPRCAD	68	
ICTFABND	35	1	ICTREINS	42C	4
ICTFINIS	35	8	ICTRES	74	0
ICTFINIT	42C	0	ICTRF301	36	1
ICTFLAG1	34	0	ICTRF302	36	2
ICTFLAG2	35	0	ICTRF304	36	4

Name	Hex Offset	Hex Value
ICTRF308	36	8
ICTRF310	36	10
ICTRF380	36	80
ICTRF401	37	1
ICTRF402	37	2
ICTRF404	37	4
ICTRSVAD	3E0	
ICTRSVD	408	0
ICTRSVFW	50	0
ICTRSVHW	83	0
ICTRSVRT	3EC	
ICTRSVS	414	0
ICTRSVS1	178	0
ICTRSVU	420	0
ICTRS1FD	88	0
ICTRS2FS	8C	0
ICTRS2FU	94	0
ICTSBDET	34	4
ICTSDM	2D8	0
ICTSDWAS	64	
ICTSEC	42C	0
ICTSECA	6C	
ICTSJFTM	34	80
ICTSPAFJ	14C	0
ICTSPAFS	124	0
ICTSSAV	44	0
ICTSTART	0	
ICTSTERM	42C	18
ICTSUBA	35	40
ICTSWAPR	34	20
ICTSWASP	34	2
ICTSYDEB	404	0
ICTSYDSS	400	0
ICTTCB	48	
ICTTMPSV	82	0
ICTTVT	5C	
ICTUSER	54	0
ICTUX02	36	40
ICTUX03	36	20

IATYICTX Programming Interface information

Programming Interface information

IATYICTX

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

- ICTXJDE
- ICTXRPLJ
- ICTXRPLS

End of Programming Interface information

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IATYICTX Heading Information

Common Name: INTERPRETER CONTROL TABLE EXTENSION
Macro ID: IATYICTX
DSECT Name: IATYICTX, IATIICTX
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: JESPOOL (below 16M)
Auxiliary Storage: N/A
Size: 752 Bytes
Created by: IATINAT (ALOADED)
Pointed to by: ICTEXTPT IN IATYICT
Serialization: None
Function: Contains the Converter/Interpreter information previously kept in the ICT, that must remain below 16M.

IATYICTX Map

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

Comment

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

End of Comment

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

Comment

```
-----------------------------------------------------------
          OPEN PARAMETER LIST (FOR PROCLIB)
-----------------------------------------------------------
```

End of Comment

36	(24)	SIGNED	2	ICTXMLOP (0)	

Comment

```
      OPEN (ICTXPDCB),MF=L
```

End of Comment

36	(24)	SIGNED	4	(0)	ALIGN LIST TO FULLWORD
36	(24)	ADDRESS	1		OPTION BYTE
37	(25)	ADDRESS	3		DCB ADDRESS

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

					PROCLIB DCB FOR CONVERTER

					ICTXPDCB DCB DSORG=PO,DEVD=DA,DDNAME=IATPLBXX,MACRF=(R)
					DATA CONTROL BLOCK
					End of Comment
40	(28)	SIGNED	4	ICTXPDCB (0)	ORIGIN ON WORD BOUNDARY DIRECT ACCESS DEVICE INTERFACE
40	(28)	BITSTRING	16		FDAD, DVTBL
56	(38)	ADDRESS	4		KEYLEN, DEVT, TRBAL COMMON ACCESS METHOD INTERFACE
60	(3C)	ADDRESS	1		BUFNO, NUMBER OF BUFFERS
61	(3D)	ADDRESS	3		BUFCB, BUFFER POOL CONTROL BLOCK
64	(40)	ADDRESS	2		BUFL, BUFFER LENGTH
66	(42)	BITSTRING	2		DSORG, DATA SET ORGANIZATION
68	(44)	ADDRESS	4		IOBAD FOR EXCP OR RESERVED FOUNDATION EXTENSION
72	(48)	BITSTRING	1		BFTEK, BFALN, DCBE INDICATORS
73	(49)	ADDRESS	3		EODAD (END OF DATA ROUTINE ADDRESS)
76	(4C)	BITSTRING	1		RECFM (RECORD FORMAT)
77	(4D)	ADDRESS	3		EXLST (EXIT LIST ADDRESS) FOUNDATION BLOCK
80	(50)	CHARACTER	8		DDNAME
88	(58)	BITSTRING	1		OFLGS (OPEN FLAGS)
89	(59)	BITSTRING	1		IFLGS (IOS FLAGS)
90	(5A)	BITSTRING	2		MACR (MACRO FORMAT) BSAM-BPAM-QSAM INTERFACE
92	(5C)	BITSTRING	1		OPTCD, OPTION CODES
93	(5D)	ADDRESS	3		CHECK OR INTERNAL QSAM SYNCHRONIZING RTN.
96	(60)	ADDRESS	4		SYNAD, SYNCHRONOUS ERROR RTN. (3 BYTES)
100	(64)	SIGNED	2		INTERNAL ACCESS METHOD FLAGS
102	(66)	ADDRESS	2		BLKSIZE, BLOCK SIZE
104	(68)	SIGNED	4		INTERNAL ACCESS METHOD FLAGS
108	(6C)	ADDRESS	4		INTERNAL ACCESS METHOD USE BSAM-BPAM INTERFACE
112	(70)	ADDRESS	1		NCP, MAX NUM OF OUTSTANDING READ/WRITES
113	(71)	ADDRESS	3		EOBR, INTERNAL ACCESS METHOD USE
116	(74)	ADDRESS	4		EOBW, INTERNAL ACCESS METHOD USE
120	(78)	ADDRESS	1	(2)	FLAGS AND EITHER DIRCT OR BUFOFF
122	(7A)	ADDRESS	2		LRECL
124	(7C)	ADDRESS	4		CNTRL, NOTE, POINT
124	(7C)	X'58'	0	ICTXDCBL	"*-ICTXPDCB" LENGTH OF DCB
					Comment

					NEL FOR THE INTERPRETER
					NOTE: THE SIZE OF THE NEL IS EQUAL TO THE TOTAL OF
					THE INTERPRETER FIXED SECTION, PLUS THE SIZE
					OF THE EXIT LISTS.

					End of Comment
128	(80)	BITSTRING	1	ICTXNEL	NEL FOR THE INTERPRETER
					Comment

					JES/INTERPRETER COMMUNICATION AREA

					End of Comment
232	(E8)	BITSTRING	1	ICTXJICA	JES/INTERPRETER COMMUNI- CATION AREA (JICA)

IATYICTX Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
Comment					
---------- 0					
TEMPORARY COPY OF JMR TO BE USED BY THE INTERPRETER					
---------- 0					
End of Comment					
488	(1E8)	BITSTRING	176	ICTXJMR	TEMPORARY COPY OF THE JOB 0414 MANAGEMENT RECORD TO BE 0414 USED BY THE INTERPRETER. A COPY OF THE JMR IS REQUIRED 0414 BECAUSE THE INTERPRETER DOES NOT RUN AMODE 31.
664	(298)	SIGNED	4	ICTXJDE	JDE ADDRESS OF THIS ICTX
668	(29C)	SIGNED	4	ICTXSAVE (18)	SAVE AREA FOR INTERPRETER
740	(2E4)	SIGNED	4	ICTXRSVD	RESERVED FOR DEVELOPMENT
744	(2E8)	SIGNED	4	ICTXRSVS	RESERVED FOR SERVICE
748	(2EC)	SIGNED	4	ICTXRSVU	RESERVED FOR USER ICTXRPLS DEFINES THE JES3 REQUEST PARAMETER LIST FOR SMS SCHEDULING INFORMATION SPOOL DATA SET
752	(2F0)	DBL WORD	8	ICTXRPLS (0)	START OF J3SCINFO RPL
752	(2F0)	BITSTRING	80		ICTXRPLJ DEFINES THE JES3 REQUEST PARAMETER LIST FOR SMS JOB INFORMATION SPOOL DATA SET
832	(340)	DBL WORD	8	ICTXRPLJ (0)	START OF J3JBINFO RPL
832	(340)	BITSTRING	1		

IATYICTX Cross Reference

Name	Hex Offset	Hex Value
IATYICTX	0	
ICTXDCBL	7C	58
ICTXID	0	C9C1E3E8
ICTXJDE	298	0
ICTXJICA	E8	0
ICTXJMR	1E8	0
ICTXMLOP	24	
ICTXNEL	80	0
ICTXPDCB	28	
ICTXRPLJ	340	
ICTXRPLS	2F0	
ICTXRSVD	2E4	
ICTXRSVS	2E8	
ICTXRSVU	2EC	
ICTXSAVE	29C	0
ICTXSTRT	0	

IATYIDA Programming Interface information

Programming Interface information

IATYIDA

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

- IDACAPST
- IDACENT1
- IDACICLN
- IDACIOPM
- IDAEIEST
- IDAELBST
- IDAFSSBE
- IDAFSSBS
- IDAFSSDS
- IDAFSSEN
- IDAFSSST
- IDAFSTCK
- IDAPRCCL
- IDAPRCDS
- IDAPRCEN
- IDAPSSCH
- IDARETRY
- IDARQTPM
- IDASCHPM
- IDAXCIO

End of Programming Interface information

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IATYIDA Heading Information

Common Name: INTERPRETER DATA AREA
Macro ID: IATYIDA
DSECT Name: IATIIDA
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: None
Storage Attributes: Main Storage: SUBPOOL 0
Auxiliary Storage: N/A
Size: 504 Bytes
Created by: IATINI1
Pointed to by: TVTIDAAD IN THE IATYTVT
R13 FOR THE CI DRIVER FCT
Serialization: None
Function: Contains data related to the CI FSS'S which is used by the CI Driver and other functions.

IATYIDA Map

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

Comment

CONTROL BLOCK PTRS, CONSTANTS, COUNTS

End of Comment

36	(24)	SIGNED	2	IDACTRSV	RESERVED
40	(28)	ADDRESS	4	IDAELBST	IATINI1 ECF LIST CONTROL BLOCK
44	(2C)	ADDRESS	4	IDAEIEST	IATINI1 START OF ECF ID ENTRIES
48	(30)	ADDRESS	4	IDACFTST	IATINI1 POINTER TO FIRST CFT
52	(34)	ADDRESS	4	IDACDFCT	IATINI1 CI DRIVER FCT ADDRESS
56	(38)	ADDRESS	4	IDACLDSP	IATINI1 CI CLEANUP DSP DICTIONARY ADDRESS
60	(3C)	SIGNED	4	IDAJORID	IATINI1 JES3 PORTION OF ORDER/RESPONSE IDENTIFICATION NUMBER (SAME AS CKJORDID)
64	(40)	SIGNED	4	IDAFORID	LAST FSS ORDER/RESPONSE IDENTIFICATION NO. ASSIGNED (SET WHEN AN FSS CONNECTS OR IS FOUND TO BE ACTIVE OVER A JES3 RESTART)
68	(44)	SIGNED	2	IDARSVD2	RESERVED FOR DEVELOPMENT
70	(46)	SIGNED	2	IDAFSSCT	IATINI1 NUMBER OF CI FSS'S
72	(48)	SIGNED	4	IDARSVDV (4)	RESERVED FOR DEVELOPMENT
88	(58)	SIGNED	4	IDARSVSV (4)	RESERVED FOR SERVICE
104	(68)	SIGNED	4	IDARSVUS (4)	RESERVED FOR USER

Comment

PROCLIB WORK AREA

End of Comment

120	(78)	ADDRESS	4	IDAPRCDS	PROCLIB DISABLE CHAIN
124	(7C)	ADDRESS	4	IDAPRCEN	PROCLIB ENABLE CHAIN
128	(80)	SIGNED	2	IDAPRCUP	IIPC/IIEN NUMBER OF PROCLIBS BEING UPDATED
130	(82)	SIGNED	2	IDAPRSRV	RESERVED

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
					Comment
		CI SCHEDULING WORK AREA			
					End of Comment
132	(84)	SIGNED	4	IDAUXMMK	IATIICS MAINS ELIGIBLE FOR CI, MODIFIED BY IATUX46
					Comment
		CI DRIVER DSP RESQUEUE CHAINS			
					End of Comment
136	(88)	ADDRESS	4	IDAPSCDS	DEMAND SELECT POSTSCAN SCHEDULING CHAIN
140	(8C)	ADDRESS	4	IDAPSCBT	BATCH POSTSCAN SCHEDULING CHAIN
					Comment
		MODULE AND ROUTINE ENTRY POINTS <MODULE,ROUTINE NAME>			
					End of Comment
144	(90)	ADDRESS	4	IDAFSSRC	IATIIFR IATIIFR (FSS RECEIVE) E.P.
148	(94)	ADDRESS	4	IDAXCIO	IATIIOR CI ISSUE ORDER RTN.(IATXCIO)
152	(98)	ADDRESS	4	IDARETRY	IATIICJ CI DRIVER JESTAE RETRY RTN.
156	(9C)	SIGNED	4	IDAFSSBS (0)	START OF IATIIFS SUBROUTINES THESE ARE ORDER DEPENDENT
156	(9C)	ADDRESS	4	IDACICLN	IATIIFS CI JOB CLEANUP ROUTINE
160	(A0)	ADDRESS	4	IDACAPST	IATIIFS CONSOLE APPENDAGE POST RTN.
164	(A4)	ADDRESS	4	IDAPSSCH	IATIIFS POSTSCAN SCHEDULING ROUTINE
168	(A8)	ADDRESS	4	IDAFSTCK	IATIIFS FSS START CHECK ROUTINE
172	(AC)	ADDRESS	4	IDAFSSST	IATIIFS FSS STATUS CHANGE ROUTINE
176	(B0)	ADDRESS	4	IDAFSSDS	IATIIFS FSS PROCLIB DISABLE ROUTINE
180	(B4)	ADDRESS	4	IDAFSSEN	IATIIFS FSS PROCLIB ENABLE ROUTINE
184	(B8)	ADDRESS	4	IDAPRCCL	IATIIFS PROCLIB CLEANUP ROUTINE
188	(BC)	SIGNED	4	IDAFSSBE (0)	END OF IATIIFS SUBROUTINES
					Comment
		PARAMETER AREA			
					End of Comment
188	(BC)	BITSTRING	16	IDACIOPM	IATXCIO PARAMETER LIST
204	(CC)	BITSTRING	16	IDASCHPM	IATXSCH PARAMETER LIST
220	(DC)	BITSTRING	16	IDARQTPM	RQTAADD/PUT PARAMETER LIST
236	(EC)	BITSTRING	20	IDACFSPA (0)	CI FSS START PARAMETER AREA
236	(EC)	BITSTRING	1	IDASPMLN	START PARAMETER LENGTH
237	(ED)	CHARACTER	7	IDAMODNM	CI FSS INITIALIZATION MODULE, NAME MUST NOT CONTAIN BLANKS
244	(F4)	BITSTRING	1	IDASPMRS	RESERVED FOR START PARAMETER
					Comment
		MISC CONSTANTS			
					End of Comment
256	(100)	BITSTRING	1	IDAFRCM	FSS route code mask - set to route code 42 (dest class JES) by IATINI1 during JES3 initialization
					Comment
		FLAGS			
					End of Comment

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
273	(111)	BITSTRING	1	IDAFLG1	IDA FLAG ONE
					Comment
					---------- DEFINITION OF IDAFLG1 ----------
					End of Comment
		1...		IDAPSCNB	"X'80'" POSTSCAN SCHEDULING ROUTINE PROCESSING BATCH JOBS
		.1..		IDAJBFSS	"X'40'" CURRENT JOB BEING PROCESSED STILL IN FSS ADDRESS SPACE IDACURRQ POINTS TO RESQUEUE
		..1.		IDAFLDMP	"X'20'" *FAIL JOB WITH DUMP
		...1		IDAFL110	"X'10'" RESERVED
		.... 1...		IDAFL108	"X'08'" RESERVED
		.... .1..		IDAFL104	"X'04'" RESERVED
		.... ..1.		IDAFL102	"X'02'" RESERVED
		1		IDAFL101	"X'01'" RESERVED
274	(112)	BITSTRING	1	IDAFLG2	IDA FLAG TWO JESTAE/RECOVERY FLAG
					Comment
					---------- DEFINITION OF IDAFLG2 ----------
					End of Comment
		1...		IDACNMSG	"X'80'" IDACENT1 IS CONSOLE MESSAGE BUFFER
		.1..		IDAPROCT	"X'40'" IDACENT1 IS PROCLIB TABLE
		..1.		IDASTAR	"X'20'" STAGING AREA BEING PROCESSED STAUFLG=STACTIVE FOR THE ACTIVE STAGING AREA
		...1		IDAINIT	"X'10'" CI DRIVER INITIALIZATION PHASE
		.... 1...		IDAJRTRY	"X'08'" JESTAE RETRY RTN. IN CONTROL
		.... .1..		IDACLNAC	"X'04'" JOB CLEANUP ROUTINE (IDACICLN) IS ACTIVE
		.... ..1.		IDAPRDEC	"X'02'" PROCLIB USE COUNT HAS BEEN DECREMENTED (ON ONLY IF IDACLNAC IS ALSO ON)
		1		IDAFL201	"X'01'" RESERVED
275	(113)	BITSTRING	1	IDAFLG3	IDA FLAG THREE JOB CLEANUP ROUTINE OPTIONS
					Comment
					---------- DEFINITION OF IDAFLG3 ----------
					End of Comment
		1...		IDAPSCJB	"X'80'" SCHEDULE JOB FOR POSTSCAN REQUEST
		.1..		IDARESCI	"X'40'" RETURN THE JOB TO JSS FOR CI RESCHEDULING
		..1.		IDASPRES	"X'20'" RETURN THE JOB TO JSS FOR SPECIALIZED RESCHEDULING
		...1		IDACBCLN	"X'10'" CLEANUP THE JOB'S CONTROL BLOCKS
		.... 1...		IDAJCTFD	"X'08'" UPDATE JCT FDBS FROM RSQ FDBS
		.... .1..		IDAFL304	"X'04'" RESERVED
		.... ..1.		IDAFL302	"X'02'" RESERVED
		1		IDAFL301	"X'01'" RESERVED
276	(114)	BITSTRING	3	IDAFLRSD	RESERVED FOR DEVELOPMENT
279	(117)	BITSTRING	3	IDAFLRSS	RESERVED FOR SERVICE
282	(11A)	BITSTRING	3	IDAFLRSU	RESERVED FOR USER

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
	GENERAL WORK AREA				
				End of Comment	
288	(120)	SIGNED	4	IDACURRQ	CURRENT RQ BEING PROCESSED
292	(124)	SIGNED	4	IDACENT1	PTR TO ENTRY BEING PROCESSED
				Comment	
	DM202 REASON CODES				
				End of Comment	
292	(124)	X'4'	0	IDARXFSS	"4" IATXFSS SEVERE ERROR
292	(124)	X'8'	0	IDARELB	"8" INVALID ELB - IATXELA/ IATXELD/IATXELS ERROR
292	(124)	X'C'	0	IDARSTAR	"12" INVALID STAGING AREA FOUND
292	(124)	X'10'	0	IDARFSS	"16" INVALID FSS TABLE FOUND
292	(124)	X'14'	0	IDARBDRQ	"20" INVALID RQ FOUND
292	(124)	X'18'	0	IDAREIE	"24" INVALID/MISSING EIE
292	(124)	X'18'	0	IDARCMAX	"24" MAXIMUM REASON CODE
				Comment	
	IATUX46/49 RETURN CODES				
				End of Comment	
292	(124)	X'0'	0	IDA46J3G	"0" JES3 GLOBAL ADDRESS SPACE IS ELIGIBLE FOR CI
292	(124)	X'4'	0	IDA46NJG	"4" JES3 GLOBAL ADDRESS SPACE IS NOT ELIGIBLE FOR CI
292	(124)	X'10'	0	IDA46DMY	"16" JES3 GLOBAL ADDRESS SPACE IS ELIGIBLE FOR CI, USER EXIT IS A DUMMY EXIT
292	(124)	X'0'	0	IDA49ACC	"0" THE DSP HAS BEEN ACCEPTED
292	(124)	X'4'	0	IDA49REJ	"4" THE DSP HAS BEEN REJECTED
292	(124)	X'10'	0	IDA49DMY	"16" THE DSP HAS BEEN ACCEPTED, USER EXIT IS A DUMMY EXIT
				Comment	
	INPUT MESSAGE WORK AREA				
				End of Comment	
296	(128)	SIGNED	4	IDAREQST (0)	START OF MSG REQUEST FIELDS
296	(128)	CHARACTER	8	IDARQST1	MESSAGE REQUEST FIELD ONE
304	(130)	CHARACTER	8	IDARQST2	MESSAGE REQUEST FIELD TWO
312	(138)	CHARACTER	8	IDARQST3	MESSAGE REQUEST FIELD THREE
320	(140)	CHARACTER	8	IDARQST4	MESSAGE REQUEST FIELD FOUR
328	(148)	SIGNED	4	IDAREQEN (0)	END OF REQUEST FIELDS
328	(148)	X'20'	0	IDAREQSZ	"*-IDAREQST" SIZE OF ALL REQUEST FIELDS
328	(148)	X'8'	0	IDAREQLN	"L'IDARQST1" SIZE OF ONE REQUEST FIELD
				Comment	
	OUTPUT MESSAGE WORK AREA IDAMSGLS MESSAGE TEXT=IDAMSGAR,MF=L MESSAGE PARAMETER LIST $RX=OS280 HJS6608 981217 PD0DR: OS 2.8.0				
				End of Comment	
328	(148)	SIGNED	4	(0)	FORCE BOUNDARY ALIGNMENT
328	(148)	ADDRESS	4	IDAMSGLS	Text Address
332	(14C)	BITSTRING	2		Destination Disp and Mask
334	(14E)	BITSTRING	1		Flags and Priority
335	(14F)	ADDRESS	1		Options Flag
336	(150)	BITSTRING	2		Descriptor Codes

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
338	(152)	SIGNED	2		Reserved 2 Bytes
340	(154)	BITSTRING	17		Routing Codes
357	(165)	BITSTRING	1	(3)	Reserved
360	(168)	BITSTRING	1	(8)	Jobid
368	(170)	BITSTRING	1	(8)	Jobname
376	(178)	BITSTRING	1	(8)	Key
384	(180)	ADDRESS	4		CNDB Address 1
388	(184)	ADDRESS	4		CNDB Address 2
392	(188)	ADDRESS	4		CNDB Address 3
396	(18C)	ADDRESS	4		CNDB Address 4
400	(190)	ADDRESS	4		CNDB Address 5
404	(194)	ADDRESS	4		MLWO Address
408	(198)	CHARACTER	121	IDAMSGAR	VARIABLE MESSAGE AREA 0268

Comment

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OTHER LIST MACRO LIST FORMS
IATXCNDB MF=(L,IDAXCNDB) IATXCNDB LIST FORM
MACDATE -94/10/04-<3>
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End of Comment

0	(0)	X'218'	0	M00M0004	"IDAXCNDB" ++ IATXCNDB NAME
536	(218)	DBL WORD	8	IDAXCNDB (0)	++ IATXCNDB PARM LIST
536	(218)	BITSTRING	1	IDAXCNDB_XVERSION	++ INPUT XVERSION
537	(219)	CHARACTER	6	IDAXCNDB_XEYECATCH	++ CONSTANT XEYECATCH
543	(21F)	BITSTRING	2	IDAXCNDB_XFLAG1	++ FIELD_LABEL
543	(21F)	BITSTRING	0	IDAXCNDB_XOPERATION_INITIALIZE	"B'1000000000000000'" ++ XOPERATION.INITIALIZE KEYWORD
543	(21F)	BITSTRING	0	IDAXCNDB_XOPERATION_TRANSFER	"B'0100000000000000'" ++ XOPERATION.TRANSFER KEYWORD
543	(21F)	BITSTRING	0	IDAXCNDB_XOPERATION_UPDATE	"B'0010000000000000'" ++ XOPERATION.UPDATE KEYWORD
543	(21F)	BITSTRING	0	IDAXCNDB_XOPERATION_RESET	"B'0001000000000000'" ++ XOPERATION.RESET KEYWORD
543	(21F)	BITSTRING	0	IDAXCNDB_XOPERATION_VERIFY	"B'0000100000000000'" ++ XOPERATION.VERIFY KEYWORD
543	(21F)	BITSTRING	0	IDAXCNDB_XOPERATION_TRANSCONSID	"B'0000010000000000'" ++ XOPERATION.TRANSCONSID KEYWORD
543	(21F)	BITSTRING	0	IDAXCNDB_XOPERATION_TRANSROUT	"B'0000001000000000'" ++ XOPERATION.TRANSROUT KEYWORD
543	(21F)	BITSTRING	0	IDAXCNDB_XOPERATION_EXTRACTCONSID	"B'0000000100000000'" ++ XOPERATION.EXTRACTCONSID KEYWORD
		1...		IDAXCNDB_XOPERATION_EXTRACTCONSNAME	"B'0000000010000000'" ++ XOPERATION.EXTRACTCONSNAME KEYWOR
		.1..		IDAXCNDB_XOPERATION_EXTRACTCONSTYPE	"B'0000000001000000'" ++ XOPERATION.EXTRACTCONSTYPE KEYWOR
		..1.		IDAXCNDB_XOPERATION_EXTRACTROUT	"B'0000000000100000'" ++ XOPERATION.EXTRACTROUT KEYWORD
		...1		IDAXCNDB_XOPERATION_EXTRACTCART	"B'0000000000010000'" ++ XOPERATION.EXTRACTCART KEYWORD
545	(221)	BITSTRING	1	IDAXCNDB_XABEND	++ INPUT

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
		1...		IDAXCNDB_XABEND_YES	"B'10000000'" ++ XABEND.YES KEYWORD
		.1..		IDAXCNDB_XABEND_NO	"B'01000000'" ++ XABEND.NO KEYWORD
546	(222)	BITSTRING	1	IDAXCNDB_XUSERADDR	++ FIELD_LABEL XUSERADDR
547	(223)	CHARACTER	1	IDAXCNDB_XRSV001	++ RESERVED XRSV001
548	(224)	ADDRESS	4	IDAXCNDB_XCNDB	++ XCNDB
552	(228)	ADDRESS	4	IDAXCNDB_XOUTCNDB	++ XOUTCNDB
556	(22C)	ADDRESS	4	IDAXCNDB_XINCNDB	++ XINCNDB
560	(230)	ADDRESS	4	IDAXCNDB_XCONSNM	++ XCONSNM
564	(234)	ADDRESS	4	IDAXCNDB_XCONSID	++ XCONSID
568	(238)	ADDRESS	4	IDAXCNDB_XOUTCONSID	++ XOUTCONSID
572	(23C)	CHARACTER	2	IDAXCNDB_XRSV002	++ RESERVED XRSV002
574	(23E)	BITSTRING	1	IDAXCNDB_XFLAG2	++ FIELD_LABEL
		1...		IDAXCNDB_XCMDIND_YES	"B'10000000'" ++ XCMDIND.YES KEYWORD
		.1..		IDAXCNDB_XCMDIND_NO	"B'01000000'" ++ XCMDIND.NO KEYWORD
575	(23F)	BITSTRING	1	IDAXCNDB_XKEYS	++ FIELD_LABEL
		1...		IDAXCNDB_KEYUSED_CMDIND	"B'10000000'" ++ KEYUSED.CMDIND KEYWORD
576	(240)	ADDRESS	4	IDAXCNDB_XROUT	++ XROUT
580	(244)	ADDRESS	4	IDAXCNDB_XCART	++ XCART
584	(248)	ADDRESS	4	IDAXCNDB_XOUTCONSNAME	++ XOUTCONSNAME
588	(24C)	ADDRESS	4	IDAXCNDB_XOUTCONSTYPE	++ XOUTCONSTYPE
592	(250)	ADDRESS	4	IDAXCNDB_XOUTROUT	++ XOUTROUT
596	(254)	ADDRESS	4	IDAXCNDB_XOUTCART	++ XOUTCART
596	(254)	X'40'	0	IDAXCNDBL	"*-IDAXCNDB" ++ LENGTH OF PLIST

Comment

IATXCNDB-3
MESSAGE ADCONS

End of Comment

600	(258)	ADDRESS	4	IDAA4450	MESSAGE IAT4450 ADDRESS
604	(25C)	ADDRESS	4	IDAA4451	MESSAGE IAT4451 ADDRESS
608	(260)	ADDRESS	4	IDAA4452	MESSAGE IAT4452 ADDRESS

Comment

MESSAGES

MESSAGE IAT4450

End of Comment

IATYIDA Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
612	(264)	ADDRESS	1	IAT4450	MESSAGE LENGTH
613	(265)	CHARACTER	39		
652	(28C)	CHARACTER	30	RESN4450	REASON
652	(28C)	X'46'	0	LEN4450	"*-IAT4450" REASON TYPES
682	(2AA)	CHARACTER	30	RCFT4450	
712	(2C8)	CHARACTER	30	RFSS4450	
742	(2E6)	CHARACTER	30	RIDA4450	
772	(304)	CHARACTER	30	RPRC4450	
802	(322)	CHARACTER	30	RRSQ4450	
832	(340)	CHARACTER	1	RSTA4450	

Comment

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        MESSAGE IAT4451
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End of Comment

862	(35E)	ADDRESS	1	IAT4451	MESSAGE LENGTH
863	(35F)	CHARACTER	40		
903	(387)	CHARACTER	80	TEXT4451	INVALID TEXT
903	(387)	X'79'	0	LEN4451	"*-IAT4451"

Comment

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        MESSAGE IAT4452
-----------------------------------------------------------
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End of Comment

983	(3D7)	ADDRESS	1	IAT4452	MESSAGE LENGTH
984	(3D8)	CHARACTER	15		
999	(3E7)	CHARACTER	8	FSNM4452	FSSNAME
1007	(3EF)	CHARACTER	18		
1007	(3EF)	X'2A'	0	LEN4452	"*-IAT4452" COMPLETION TYPES
1028	(404)	SIGNED	4	IDAEND (0)	END OF IDA
1028	(404)	BITSTRING	1	IDALEN (0)	LENGTH OF IDA

IATYIDA Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
FSNM4452	3E7	40404040	IDAELBST	28	
IATIIDA	0		IDAEND	404	
IAT4450	264		IDAFLDMP	111	20
IAT4451	35E		IDAFLG1	111	0
IAT4452	3D7		IDAFLG2	112	0
IDAA4450	258		IDAFLG3	113	0
IDAA4451	25C		IDAFLRSD	114	0
IDAA4452	260		IDAFLRSS	117	0
IDACAPST	A0		IDAFLRSU	11A	0
IDACBCLN	113	10	IDAFL101	111	1
IDACDFCT	34		IDAFL102	111	2
IDACENT1	124	0	IDAFL104	111	4
IDACFSPA	EC		IDAFL108	111	8
IDACFTST	30		IDAFL110	111	10
IDACICLN	9C		IDAFL201	112	1
IDACIOPM	BC	0	IDAFL301	113	1
IDACLDSP	38		IDAFL302	113	2
IDACLNAC	112	4	IDAFL304	113	4
IDACNMSG	112	80	IDAFORID	40	0
IDACTRSV	24	0	IDAFRCM	100	0
IDACURRQ	120	0	IDAFSSBE	BC	
IDAEIEST	2C		IDAFSSBS	9C	

Name	Hex Offset	Hex Value
IDAFSSCT	46	0
IDAFSSDS	B0	
IDAFSSEN	B4	
IDAFSSRC	90	
IDAFSSST	AC	
IDAFSTCK	A8	
IDAID	0	C9C1E3C9
IDAINIT	112	10
IDAJBFSS	111	40
IDAJCTFD	113	8
IDAJORID	3C	0
IDAJRTRY	112	8
IDALEN	404	
IDAMODNM	ED	C9C1E3C9
IDAMSGAR	198	40404040
IDAMSGLS	148	
IDAPRCCL	B8	
IDAPRCDS	78	
IDAPRCEN	7C	
IDAPRCUP	80	0
IDAPRDEC	112	2
IDAPROCT	112	40
IDAPRSRV	82	0
IDAPSCBT	8C	
IDAPSCDS	88	
IDAPSCJB	113	80
IDAPSCNB	111	80
IDAPSSCH	A4	
IDARBDRQ	124	14
IDARCMAX	124	18
IDAREIE	124	18
IDARELB	124	8
IDAREQEN	148	
IDAREQLN	148	8
IDAREQST	128	
IDAREQSZ	148	20
IDARESCI	113	40
IDARETRY	98	
IDARFSS	124	10
IDARQST1	128	40404040
IDARQST2	130	40404040
IDARQST3	138	40404040
IDARQST4	140	40404040
IDARQTPM	DC	0
IDARSTAR	124	C
IDARSVDV	48	0
IDARSVD2	44	0
IDARSVSV	58	0
IDARSVUS	68	0
IDARXFSS	124	4
IDASCHPM	CC	0
IDASPMLN	EC	7
IDASPMRS	F4	
IDASPRES	113	20
IDASTAR	112	20
IDAUXMMK	84	0
IDAXCIO	94	
IDAXCNDB	218	
IDAXCNDB_KEYUSED_CMDIND		
	23F	80
IDAXCNDB_XABEND		
	221	
IDAXCNDB_XABEND_NO		
	221	40
IDAXCNDB_XABEND_YES		
	221	80
IDAXCNDB_XCART		
	244	
IDAXCNDB_XCMDIND_NO		
	23E	40
IDAXCNDB_XCMDIND_YES		
	23E	80
IDAXCNDB_XCNDB		
	224	
IDAXCNDB_XCONSID		
	234	
IDAXCNDB_XCONSNM		
	230	
IDAXCNDB_XEYECATCH		
	219	
IDAXCNDB_XFLAG1		
	21F	
IDAXCNDB_XFLAG2		
	23E	
IDAXCNDB_XINCNDB		
	22C	
IDAXCNDB_XKEYS		
	23F	
IDAXCNDB_XOPERATION_EXTRACTCART		
	0	10
IDAXCNDB_XOPERATION_EXTRACTCONSID		
	21F	100
IDAXCNDB_XOPERATION_EXTRACTCONSNAME		
	21F	80
IDAXCNDB_XOPERATION_EXTRACTCONSTYPE		
	0	40
IDAXCNDB_XOPERATION_EXTRACTROUT		
	0	20
IDAXCNDB_XOPERATION_INITIALIZE		
	21F	8000
IDAXCNDB_XOPERATION_RESET		
	21F	1000
IDAXCNDB_XOPERATION_TRANSCONSID		
	21F	400
IDAXCNDB_XOPERATION_TRANSFER		
	21F	4000
IDAXCNDB_XOPERATION_TRANSROUT		
	21F	200
IDAXCNDB_XOPERATION_UPDATE		
	21F	2000
IDAXCNDB_XOPERATION_VERIFY		
	21F	800
IDAXCNDB_XOUTCART		
	254	
IDAXCNDB_XOUTCNDB		
	228	
IDAXCNDB_XOUTCONSID		
	238	
IDAXCNDB_XOUTCONSNAME		
	248	
IDAXCNDB_XOUTCONSTYPE		
	24C	
IDAXCNDB_XOUTROUT		
	250	
IDAXCNDB_XROUT		
	240	
IDAXCNDB_XRSV001		
	223	
IDAXCNDB_XRSV002		
	23C	

IATYIDA Cross Reference

Name	Hex Offset	Hex Value
IDAXCNDB_XUSERADDR	222	
IDAXCNDB_XVERSION	218	
IDAXCNDBL	254	40
IDA46DMY	124	10
IDA46J3G	124	0
IDA46NJG	124	4
IDA49ACC	124	0
IDA49DMY	124	10
IDA49REJ	124	4
LEN4450	28C	46
LEN4451	387	79
LEN4452	3EF	2A
M00M0004	0	218
RCFT4450	2AA	C9D5E5C1
RESN4450	28C	40404040
RFSS4450	2C8	C9D5E5C1
RIDA4450	2E6	C9D5E5C1
RPRC4450	304	C9D5E5C1
RRSQ4450	322	C9D5E5C1
RSTA4450	340	C9D5E5C1
TEXT4451	387	40404040

IATYIDD Programming Interface information

Programming Interface information

IATYIDD

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

- IDDATIME
- IDDBSIOT
- IDDCCHNA
- IDDCCSCT
- IDDCLOC1
- IDDCLOC2
- IDDCMPRM
- IDDCMRES
- IDDCMRTN
- IDDCONS
- IDDCONS1
- IDDCONS2
- IDDCONV
- IDDCORSI
- IDDCSCT
- IDDCSIOT
- IDDCSS
- IDDDFUNT
- IDDDSKBF
- IDDFUENT
- IDDHEADP
- IDDICAAD
- IDDIICMW
- IDDIIOSW
- IDDIISP
- IDDIITA
- IDDIJA
- IDDIJB
- IDDIM1A
- IDDIM2A
- IDDINTP
- IDDLOCWK
- IDDLRVCT
- IDDNSCTP
- IDDNUENT
- IDDOSRTN
- IDDPCAT
- IDDPCATE
- IDDPRCAD
- IDDPRDSK
- IDDQMST
- IDDRPL
- IDDSSIPM
- IDDSSOB
- IDDSSSA
- IDDSSSAK
- IDDSVSIO
- IDDSWBUF
- IDDSWIOT
- IDDTRAVP
- IDDUEPTR
- IDDVAT

End of Programming Interface information

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IATYIDD Heading Information

Common Name: INTERPRETER DSP DATA AREA
Macro ID: IATYIDD
DSECT Name: ACTDSTRT, IATYIDD
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IDD
Offset: IDDID
Length: 4
Storage Attributes: Main Storage: SUBPOOL 0 - below 16M
Auxiliary Storage: SPOOL (from Label IDDCHKST to Label IDDCKEND)
Size: 1516 Bytes
Created by: AGETMAIN IN IATIIDR
Pointed to by: R13 of CI, POSTSCAN, and CICLENUP DSPS
ICTIDD IN MODULE IATIICT
Serialization: None
Function: Contains Data, work areas and status flags
used by the CI, POSTSCAN, and CICLENUP DSPS.

IATYIDD Map

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

Comment

```
-----------------------------------------------------------
        WARNING
    THE OFFSETS BETWEEN FDBSTART AND FDBFREND MUST NOT
    BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON
    SOME JES3 MODULES.
-----------------------------------------------------------
```

End of Comment

0	(0)	SIGNED	4	FDBDATA (0)	- BUFFER ADDRESS OF DATA
0	(0)	BITSTRING	6	FDBSPADR (0)	- M.R SPOOL REC ADDR OF DATA
0	(0)	BITSTRING	2	FDBSPMOD	- MODULE NUMBER OF SPOOL EXTENT
2	(2)	BITSTRING	4	FDBSPREC	- RECORD NUMBER OF DATA
6	(6)	BITSTRING	1	FDBFLAG0 (0)	SINGLE RECORD AND ERROR FLAGS

Comment

```
-----------------------------------------------------------
  DEFINITION OF FDBFLAG0: SINGLE-RECORD AND ERROR FLAGS
-----------------------------------------------------------
```

End of Comment

1111	....	FDBERFLG	"X'F0'" I/O ERROR FLAGS.
1..1	....	FDBDKFRR	"X'90'" PROGRAM CHECK IN IATDMDK.
1...	....	FDBRECOV	"X'80'" SUCCESSFUL ERROR RECOVERY OCCURRED
.111	....	FDBJBTER	"X'70'" ERROR READING THE JBT OCCURRED
.11.	....	FDBCHKPT	"X'60'" FIRST/LAST TRACK ADDR CHANGE
.1.1	....	FDBF0RS1	"X'50'" RESERVED FLAG.
.1..	....	FDBERROR	"X'40'" UNCORRECTABLE I/O ERROR OCCURRED
..11	....	FDBTAERR	"X'30'" DISK ADDRESS NOT VERIFY.
..1.	....	FDBIOERR	"X'20'" I/O ERROR RECOVERY IN PROGRESS
...1	....	FDBROTER	"X'10'" ERROR OCCURRED ON ROOT I/O.

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
		FOLLOWING FOUR FLAGS ARE FOR SINGLE RECORD FILES ONLY			
				End of Comment	
		.... 1...		FDBNOPUT	"X'08'" WRITE WITHOUT PUTBUF
		.... .1..		FDBOLD	"X'04'" OLD SINGLE RECORD FILE
		.... ..1.		FDBJBTAT	"X'02'" INDICATES FDB IS A JBTAT FDB
		1		FDBFCTPM	"X'01'" PARAMETERS IN FCT
6	(6)	BITSTRING	1	FDBPRTY	FDB PRTY (BITS 0-3) DURING OPEN
7	(7)	BITSTRING	1	FDBFLAGS	FLAGS COMMON TO SINGLE/MULT 1
				Comment	
		---------- DEFINITION OF FDBFLAGS: SINGLE- & MULTIPLE-RECORD FILES ----------			
				End of Comment	
		1...		FDBECF	"X'80'" - I/O EVENT COMPLETION.
		.1..		FDBMNTAT	"X'40'" SINGLE TRACK ALLOCATION USED
		..1.		FDBINPUT	"X'20'" - INPUT/OUTPUT FILE (INPUT IF ON).
		...1		FDBCLOSE	"X'10'" - OPEN/CLOSED FLAG (CLOSED IF ON).
		.... 1...		FDBMULT	"X'08'" - SINGLE/MULTIPLE FILE (MULT IF ON).
		.... .1..		FDBSRSV1	"X'04'" - RESERVED.
		.... ..1.		FDBWCHLK	"X'02'" - WRTCHAIN ROOT FDB LOCK FLAG.
		1		FDBSRSV2	"X'01'" - RESERVED.
8	(8)	BITSTRING	1	FDBSPFL1	- FLAGS FOR SPOOL DATA MGMT
				Comment	
		---------- DEFINITION OF FDBSPFL1: SINGLE- & MULTIPLE-RECORD FILES ----------			
				End of Comment	
		1...		FDBONSP	"X'80'" - FDB CONTAINS A SPOOL ADDRESS
		.1..		FDBIOIP	"X'40'" - I/O IN-PROGRESS INDICATOR
		..1.		FDBCSBTR	"X'20'" CSBT USED TO READ CH. SRF 0440
		...1		FDBCSBTW	"X'10'" USE CSBT TO WRITE CHAINED SRF
		.... 1...		FDBCSBTL	"X'08'" USE CSBT TO RELEASE CHAINED SRF
		.... .1..		FDBCSBTJ	"X'04'" USE CSBT FOR THIS JESREAD 0440
9	(9)	BITSTRING	1	FDBFLGR2	- RESERVED FOR SERVICE
10	(A)	SIGNED	2	FDBRSVD1	- RESERVED FOR DEVELOPMENT
12	(C)	BITSTRING	1	FDBSREND (0)	END OF SINGLE REC FILE FDB
12	(C)	X'C'	0	FDBSRFL	"FDBSREND-FDBSTART" LENGTH OF AN SRF FDB
12	(C)	SIGNED	2	FDBFREND (0)	END OF FDB FROZEN SECTION

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

					WARNING
					THE OFFSETS BETWEEN FDBSTART AND FDBFREND MUST NOT
					BE CHANGED, AS THIS WILL HAVE AN ADVERSE EFFECT ON
					SOME JES3 MODULES.

					END OF SINGLE RECORD FILE FDB

					THE FOLLOWING FIELDS ARE FOR MULTI-RECORD FILE FDBS
					(EXISTS IF THE FLAG FDBMULT IS ON IN FDBFLAGS)

				End of Comment	
12	(C)	BITSTRING	1	FDBFLAG1	- FLAGS FOR MULTIPLE RECORD FILES.
				Comment	

					DEFINITION OF FDBFLAG1: MULTIPLE-RECORD FILES

				End of Comment	
		1...		FDBOCLSE	"X'80'" - CLOSE OF FILE INITIATED.
		.1..		FDBFDATA	"X'40'" - FIRST DATA BUFFER FLAG.
		..1.		FDBDATCH	"X'20'" - DATA BUFFER CHAIN FLAG.
		...1		FDBSPLIT	"X'10'" - DATA IS SPLIT BETWEEN TWO BUFFERS.
		.... 1...		FDBEND	"X'08'" - FILE IS BEING OPENED AT ITS END.
		.... .1..		FDBPOINT	"X'04'" - POINT IS IN PROGRESS.
		.... ..1.		FDBDEBS	"X'02'" - DEBLOCKS BIT.
		1		FDBPNTIN	"X'01'" - APOINT HAS TYPE=IN AS PARAMETER.
13	(D)	BITSTRING	1	FDBFLAG2	- FLAGS FOR MULTIPLE RECORD FILES.
				Comment	

					DEFINITION OF FDBFLAG2: MULTIPLE-RECORD FILES

				End of Comment	
		1...		FDBLSTIO	"X'80'" - SET LAST I/O REQUEST STARTED.
		.1..		FDBALLIO	"X'40'" - SET WHEN LAST DATA BUFFER WRITTEN.
		..1.		FDBLOCAT	"X'20'" - SET WHEN AN ALOCATE IS DONE.
		...1		FDBNDATA	"X'10'" ON = NO DATA IN FILE
		.... 1...		FDBODEOD	"X'08'" RECOVER FROM NO EOD ON OPEND
		.... .1..		FDBSKIP	"X'04'" SKIP RECORD IF READ I/O ERROR
		.... ..1.		FDBMAC	"X'02'" MACHINE CARRIAGE CONTROL
		1		FDBASA	"X'01'" ASA CARRIAGE CONTROL FOR DS
14	(E)	BITSTRING	1	FDBFLAG3	- FLAGS FOR MULTI-RECORD FILES
				Comment	

					DEFINITION OF FDBFLAG3: MULTIPLE-RECORD FILES

				End of Comment	
		1...		FDBOPTCD	"X'80'" - OPTCD = J SPECIFIED
		.1..		FDBIOCNG	"X'40'" - I/O COUNT ERROR DETECTED
15	(F)	BITSTRING	1	FDBFLGR4	- RESERVED FOR SERVICE

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
16	(10)	BITSTRING	1	FDBIOCNT	- NUMBER OF I/O REQUESTS OUTSTANDING.
17	(11)	BITSTRING	1	FDBERCNT	- NUMBER OF I/O ERRORS NOT CORRECTED.
18	(12)	SIGNED	2	FDBRL	- ROOM LEFT IN DATA BUFFER.
20	(14)	SIGNED	4	FDBBPTR	- CURRENT BUFFER POINTER.
24	(18)	BITSTRING	6	FDBOPEND (0)	- SPOOL ADR OF LAST DATA BUFFER
24	(18)	BITSTRING	2	FDBMODN2	- MOD NO OF LAST SPOOL EXTENT
26	(1A)	BITSTRING	4	FDBRECN2	- REC NO OF LAST SPOOL DATA
30	(1E)	SIGNED	2	FDBRSFLD	RESERVED FOR DEVELOPMENT

Comment

END OF MULTI-RECORD FILE FDB

End of Comment

32	(20)	BITSTRING	1	FDBMREND (0)	END OF MULTI-RECORD FILE FDB
32	(20)	X'20'	0	FDBMRFL	"FDBMREND-FDBSTART" LENGTH OF AN MRF FDB

Comment

JOB/DATASET TAT FDB EXTENSION
(EXISTS IF THE FLAG FDBJBTAT IS ON IN FDBFLAG0)

End of Comment

12	(C)	SIGNED	4	FDBJBTEX (0)	START OF TAT FDB EXTENSION

Comment

RETURN PARAMETERS FROM TRACK GROUP ALLOCATION

End of Comment

12	(C)	SIGNED	2	FDBRECCT	- NUMBER OF AVAILABLE RECORDS
14	(E)	BITSTRING	6	FDBJTSPA (0)	- AVAILABLE RECORD ADDRESS
14	(E)	BITSTRING	2	FDBJTSPM	- MODULE NUMBER
16	(10)	BITSTRING	4	FDBJTSPR	- RECORD NUMBER

Comment

End of Comment

20	(14)	SIGNED	4	FDBVALID	- VALIDATION FIELD FOR FILE
24	(18)	SIGNED	2	FDBSPNDX	- JOB'S SPOOL PARTITION INDEX
26	(1A)	BITSTRING	1	FDBJTFLG	- JOB/DATASET TAT STATUS FLAGS

Comment

DEFINITION OF FDBJTFLG: JOB/DATASET TAT STATUS FLAGS

End of Comment

1...	FDBJTBIT	"X'80'" - TRACK ALLOCATION SUSPENDED
.1..	FDBDSTAT	"X'40'" - DATA SET TAT
..1.	FDBJIOER	"X'20'" - IOERR POST REQUIRED
...1	FDBRRERQ	"X'10'" - JSAM POST REQUIRED (RRE ALLOC)
.... 1...	FDBJTOFL	"X'08'" - JSAM POST REQUIRED (JBT OVFLW)
.... .1..	FDBRABDU	"X'04'" - FDB IN USE FOR RAB DESTROY
.... ..1.	FDBJTERR	"X'02'" - RAB REFRESH ERROR

IATYIDD Cross Reference

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
27	(1B)	BITSTRING	1	FDBJTRSV	- RESERVED FOR DEVELOPMENT

Comment

```
-----------------------------------------------------------
          END OF THE TAT FDB EXTENSION
-----------------------------------------------------------
```

End of Comment

28	(1C)	BITSTRING	1	FDBJTEND (0)	END OF THE JBT FDB EXTENSION
28	(1C)	X'10'	0	FDBJBTXL	"FDBJTEND-FDBJBTEX" LENGTH OF JBT FDB EXTENSION
28	(1C)	X'1C'	0	FDBJBTL	"FDBSRFL+FDBJBTXL" LENGTH OF A TAT FDB

IATYIDD Cross Reference

Name	Hex Offset	Hex Value	Name	Hex Offset	Hex Value
FDBALLIO	D	40	FDBJTSPA	E	
FDBASA	D	1	FDBJTSPM	E	
FDBBPTR	14		FDBJTSPR	10	
FDBCHKPT	6	60	FDBLOCAT	D	20
FDBCLOSE	7	10	FDBLSTIO	D	80
FDBCSBTJ	8	4	FDBMAC	D	2
FDBCSBTL	8	8	FDBMNTAT	7	40
FDBCSBTR	8	20	FDBMODN2	18	
FDBCSBTW	8	10	FDBMREND	20	
FDBDATA	0		FDBMRFL	20	20
FDBDATCH	C	20	FDBMULT	7	8
FDBDEBS	C	2	FDBNDATA	D	10
FDBDKFRR	6	90	FDBNOPUT	6	8
FDBDSTAT	1A	40	FDBOCLSE	C	80
FDBECF	7	80	FDBODEOD	D	8
FDBEND	C	8	FDBOLD	6	4
FDBERCNT	11		FDBONSP	8	80
FDBERFLG	6	F0	FDBOPEND	18	
FDBERROR	6	40	FDBOPTCD	E	80
FDBFCTPM	6	1	FDBPNTIN	C	1
FDBFDATA	C	40	FDBPOINT	C	4
FDBFLAGS	7		FDBPRTY	6	
FDBFLAG0	6		FDBRABDU	1A	4
FDBFLAG1	C		FDBRECCT	C	
FDBFLAG2	D		FDBRECN2	1A	
FDBFLAG3	E		FDBRECOV	6	80
FDBFLGR2	9		FDBRL	12	
FDBFLGR4	F		FDBROTER	6	10
FDBFREND	C		FDBRRERQ	1A	10
FDBF0RS1	6	50	FDBRSFLD	1E	
FDBINPUT	7	20	FDBRSVD1	A	
FDBIOCNG	E	40	FDBSKIP	D	4
FDBIOCNT	10		FDBSPADR	0	
FDBIOERR	6	20	FDBSPFL1	8	
FDBIOIP	8	40	FDBSPLIT	C	10
FDBJBTAT	6	2	FDBSPMOD	0	
FDBJBTER	6	70	FDBSPNDX	18	
FDBJBTEX	C		FDBSPREC	2	
FDBJBTL	1C	1C	FDBSREND	C	
FDBJBTXL	1C	10	FDBSRFL	C	C
FDBJIOER	1A	20	FDBSRSV1	7	4
FDBJTBIT	1A	80	FDBSRSV2	7	1
FDBJTEND	1C		FDBSTART	0	
FDBJTERR	1A	2	FDBTAERR	6	30
FDBJTFLG	1A		FDBVALID	14	
FDBJTOFL	1A	8	FDBWCHLK	7	2
FDBJTRSV	1B				

IATYIDVS Heading Information

Common Name: Initialization Device Services Work Area
Macro ID: IATYIDVS
DSECT Name: IDVSTART, DNTSTART, SITSTART XIBSTART, XIESTART, PRMSAVDV
Owning Component: JES3 (SC1BA)
Eye-Catcher ID: IDVS
Offset: 0
Length: 4
Storage Attributes: Main Storage: Any
Subpool: 0
Key: 0
Size: IDVSSIZE bytes
Created by: IATINDVS
Pointed to by: IDVSTART: INTIDVS in IATYINT
DNTSTART: Vector calculated from IDVHEXDN in IDVSTART
SITSTART: IDVSITAD in IDVSTARY
XIBSTART: IDVXIBFR and IDVXIBLS in IDVSTART
XIESTART: XIBAVPTR in XIBSTART
PRMSAVDV: R1 from the caller of the SAVE_DEVICE service
Serialization: None
Function: This macro maps the data that is used by JES3 to perform initialization device services functions provided by the IATXIDVS macro.

IATYIDVS Map

Offsets					
Dec	**Hex**	**Type/Value**	**Len**	**Name (Dim)**	**Description**
0	(0)	STRUCTURE	0	IDVSTART	,
0	(0)	CHARACTER	4	IDVSID	Control Block Id

Comment

Data space attributes.

End of Comment

4	(4)	ADDRESS	4	IDVSALET	Data space ALET
8	(8)	BITSTRING	8	IDVSDTOK	Data space STOKEN
16	(10)	SIGNED	4	IDVSORIG	Data space origin address

Comment

Device related data.

End of Comment

20	(14)	ADDRESS	4	IDVSFSET	First SETUNIT DVDE
24	(18)	ADDRESS	4	IDVSFSUP	First SUPUNIT DVDE
28	(1C)	ADDRESS	4	IDVSLSET	Last SETUNIT DVDE saved
32	(20)	ADDRESS	4	IDVSLSUP	Last SUPUNIT DVDE saved
36	(24)	ADDRESS	4	IDVSFREE	Next free storage slot

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Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
				Comment	
					---------- SYSUNITS Index Table Related Information. ----------
				End of Comment	
40	(28)	ADDRESS	4	IDVSITAD	Address of SYSUNITs index table
44	(2C)	ADDRESS	4	IDVSITEN	End of the SYSUNITs index table
48	(30)	SIGNED	4	IDVSITCT	Number of SYSUNITs index table slots
52	(34)	ADDRESS	4	IDVSITNX	Address of next SYSUNITs index table slot to be used in assigning a SYSUNITs index
				Comment	
					---------- Execution Device Initialization Element Block Information. ----------
				End of Comment	
56	(38)	ADDRESS	4	IDVXIBFR	Address of first XIB
60	(3C)	ADDRESS	4	IDVXIBLS	Address of last XIB
				Comment	
					---------- Work Areas and Save Areas. ----------
				End of Comment	
64	(40)	SIGNED	4	IDVWORK	Conversion work area
64	(40)	X'40'	0	IDVHEXDN	"IDVWORK,2" Device number in hex
				Comment	
					---------- The following table is used to locate the entry for a particular device number. The first eight bits of the hexadecimal device number are used to index into the table. Each entry in the table points to a another table that contains entries for 256 devices. Pointers will exist only if there are devices in the specified range. For example: Vector 1 represents devices 0000 through 00FF Vector 2 represents devices 0100 through 01FF Vector 3 represents devices 0200 through 02FF . . . Vector 256 represents devices FF00 through FFFF ----------
				End of Comment	
68	(44)	ADDRESS	4	IDVDNTAD (0)	Device number table vectors
68	(44)	X'100'	0	IDVDNTCT	"256" Number of devices that are represented by each vector
68	(44)	X'444'	0	IDVSEND	"*" End of IDVS
68	(44)	X'444'	0	IDVSSIZE	"IDVSEND-IDVSTART" Size of IDVS

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
					Comment
					Functions and Options in Register Zero.

					Option byte 1 - Byte 1 of register zero is reserved for the specific function.

					End of Comment
68	(44)	X'10'	0	IDOPTR01	"SAVPARM0+0,1" Option byte location
					Comment

					Option byte 2 - Byte 2 of register zero - unused.

					End of Comment
68	(44)	X'11'	0	IDOPTR02	"SAVPARM0+1,1" Option byte location
					Comment

					Option byte 3 - Byte 3 of register zero - unused.

					End of Comment
68	(44)	X'12'	0	IDOPTR03	"SAVPARM0+2,1" Option byte location
					Comment

					Function codes

					End of Comment
68	(44)	X'1'	0	IDFINTLZ	"1" FUNC=INITIALIZE
68	(44)	X'2'	0	IDFRODEV	"2" FUNC=READ_OLD_DEVICES
68	(44)	X'3'	0	IDFSVDEV	"3" FUNC=SAVE_DEVICE
68	(44)	X'4'	0	IDFASIGN	"4" FUNC=ASSIGN_SYSUNITS
68	(44)	X'5'	0	IDFWRTDV	"5" FUNC=WRITE_DEVICES
68	(44)	X'6'	0	IDFCHKDL	"6" FUNC=CHECK_DELETE
68	(44)	X'7'	0	IDFCLNUP	"7" FUNC=CLEANUP
68	(44)	X'5'	0	IDFMAX	"IDFWRTDV" Maximum function value

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	DNTSTART	, Device Number Table Entry
0	(0)	ADDRESS	4	DNTXIEAD	Address of the first XIE for this device number
4	(4)	SIGNED	4	DNTEND (0)	End of table
4	(4)	X'4'	0	DNTSIZE	"DNTEND-DNTSTART" Size of table

Offsets Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	SITSTART	, SYSUNITs Index Table Entry
0	(0)	ADDRESS	4	SITXIEFR	Address of the first XIE on the XIE chain associated with this index. This field will be non-zero if the device was defined as an execution or shared device
4	(4)	ADDRESS	4	SITXIELS	Address of the last XIE on the XIE chain

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
8	(8)	ADDRESS	4	SITDVDE	DVDE if device was assigned to a SUPUNIT or SETUNIT (for debugging purposes)
12	(C)	SIGNED	2	SITINDEX	SYSUNITs index value
14	(E)	BITSTRING	1	SITFLAG1	Flag one

Comment

```
-------------------------------------------------------------
      Definition of SITFLAG1.
-------------------------------------------------------------
```

End of Comment

		1...		SITJDSHR	"X'80'" The SYSUNITs index for this entry has been assigned to a JES3 DSP or shared device
15	(F)	BITSTRING	5	SITRSVDD	Reserved for development
20	(14)	SIGNED	4	SITEND (0)	End of table entry
20	(14)	X'14'	0	SITSIZE	"SITEND-SITSTART" Size of table entry

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	XIBSTART	, Execution Device Initialization Element Block
0	(0)	CHARACTER	4	XIBID	Control block id
4	(4)	ADDRESS	4	XIBNEXT	Address of next block
8	(8)	ADDRESS	4	XIBAVPTR	Address of first available element in this block
12	(C)	SIGNED	2	XIBAVCNT	Number of available elements in this block
14	(E)	SIGNED	2	XIBTSIZE	Total size of this block
16	(10)	DBL WORD	8	XIBEND (0)	End of block header
16	(10)	X'10'	0	XIBSIZE	"XIBEND-XIBSTART" Size of block header
16	(10)	X'1F4'	0	XIBCOUNT	"500" Number of Execution Device Initialization Elements in a block

Offsets Dec	Offsets Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	XIESTART	, Execution Device Init. Element
0	(0)	CHARACTER	4	XIEID	Control block id
4	(4)	CHARACTER	4	XIEDEVNO	Device number
8	(8)	CHARACTER	8	XIESYSNM	System name
16	(10)	SIGNED	2	XIESYSIX	SYSUNITs index value
18	(12)	BITSTRING	1	XIEFLAG1	Flag one

Comment

```
-------------------------------------------------------------
      Definition of XIEFLAG1.
-------------------------------------------------------------
```

End of Comment

		1...		XIEFOUND	"X'80'" The device number and system name associated with this XIE were found on a DEVICE statement
		.1..		XIEASNIX	"X'40'" The device number and system name associated with this XIE has been assigned a SYSUNITs index
		..1.		XIEF1R20	"X'20'" Reserved for development
		...1		XIEF1R10	"X'10'" Reserved for development
		.... 1...		XIEF1R08	"X'08'" Reserved for development
		.... .1..		XIEF1R04	"X'04'" Reserved for development
		.... ..1.		XIEF1R02	"X'02'" Reserved for development
		1		XIEF1R01	"X'01'" Reserved for development
19	(13)	BITSTRING	1	XIERSVD1	Reserved for development
20	(14)	ADDRESS	4	XIEDVNNX	Address of next element on the device number table queue
24	(18)	ADDRESS	4	XIESITNX	Address of next element on the SYSUNITs index queue
28	(1C)	SIGNED	4	XIEEND (0)	End of element

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
28	(1C)	X'1C'	0	XIESIZE	"XIEEND-XIESTART" Size of element

Offsets					
Dec	Hex	Type/Value	Len	Name (Dim)	Description
0	(0)	STRUCTURE	0	PRMSAVDV	, IATXIDVS SAVE_DEVICE parameter list
0	(0)	ADDRESS	4	SAVDVITX	Pointer to the intermediate text to save
4	(4)	SIGNED	4	SAVDVITL	Length of the intermediate text to save

IATYIDVS Cross Reference

Name	Hex Offset	Hex Value
DNTEND	4	
DNTSIZE	4	4
DNTSTART	0	
DNTXIEAD	0	
IDFASIGN	44	4
IDFCHKDL	44	6
IDFCLNUP	44	7
IDFINTLZ	44	1
IDFMAX	44	5
IDFRODEV	44	2
IDFSVDEV	44	3
IDFWRTDV	44	5
IDOPTR01	44	10
IDOPTR02	44	11
IDOPTR03	44	12
IDVDNTAD	44	
IDVDNTCT	44	100
IDVHEXDN	40	40
IDVSALET	4	
IDVSDTOK	8	
IDVSEND	44	444
IDVSFREE	24	
IDVSFSET	14	
IDVSFSUP	18	
IDVSID	0	
IDVSITAD	28	
IDVSITCT	30	0
IDVSITEN	2C	
IDVSITNX	34	
IDVSLSET	1C	
IDVSLSUP	20	
IDVSORIG	10	
IDVSSIZE	44	444
IDVSTART	0	
IDVWORK	40	0
IDVXIBFR	38	
IDVXIBLS	3C	
PRMSAVDV	0	
SAVDVITL	4	
SAVDVITX	0	
SITDVDE	8	
SITEND	14	
SITFLAG1	E	0
SITINDEX	C	0
SITJDSHR	E	80
SITRSVDD	F	0
SITSIZE	14	14
SITSTART	0	
SITXIEFR	0	
SITXIELS	4	

Name	Hex Offset	Hex Value
XIBAVCNT	C	0
XIBAVPTR	8	
XIBCOUNT	10	1F4
XIBEND	10	
XIBID	0	E7C9C240
XIBNEXT	4	
XIBSIZE	10	10
XIBSTART	0	
XIBTSIZE	E	0
XIEASNIX	12	40
XIEDEVNO	4	40404040
XIEDVNNX	14	
XIEEND	1C	
XIEFLAG1	12	0
XIEFOUND	12	80
XIEF1R01	12	1
XIEF1R02	12	2
XIEF1R04	12	4
XIEF1R08	12	8
XIEF1R10	12	10
XIEF1R20	12	20
XIEID	0	E7C9C540
XIERSVD1	13	0
XIESITNX	18	
XIESIZE	1C	1C
XIESTART	0	
XIESYSIX	10	0
XIESYSNM	8	40404040

Appendix A. Accessibility

Accessibility features help a user who has a physical disability, such as restricted mobility or limited vision, to use software products successfully. The major accessibility features in z/OS enable users to:

- 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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This book primarily documents information that is NOT intended to be used as Programming Interfaces of OS/390.

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

:Programming Interface Information

End of :Programming Interface Information

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

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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)

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