

DUMPTPE
STORAGE ALLOCATION.

COMPASS - VER 2. 05/07/71 11.37.24.

PAGE 1

ADDRESS	LENGTH	BINARY CONTROL CARDS.
0	0	IDENT DUMPTPE
0		END

EXTERNAL SYMBOLS.

DFICLO DFIOPRO ECICIN ECIRTRN

0		IDENT	DUMPTPE
0		ORG	0
2	04251520242005000000	BSSZ	2
4	00000000000000000002	DATA	0LDUMPTPE,0LCLASS
5	00000000000000000024	DATA	2 MAP ENTRIES
6	00000000000000000257	DATA	20 COMPILED MAP SIZE
7	00000000000000001444	VFD	60/ENDWORD
10	00000000000000000062	VFD	60/DUMP
11	00000000000000001444	VFD	60/DUMP ENTRY POINT
12	00000000000000000000	DATA	0.0
14	00000000000000000000	DATA	0.0 FILE/CM
16	00000000000000001444	VFD	60/DUMP
17	00000000000000000000	DATA	0 READ WRITE
20	04251520242005000000	DATA	0LDUMPTPE,0LS
22	00000000000000001444	VFD	60/DUMP,60/DUMP
23	00000000000000001444		
24	00000000000000001113	VFD	60/ENDWORD-DUMP
25	00000000000000000001	DATA	1
26	77777777777777777776	VFD	60/-1 END OF MAP SPECIFIERS
27	17200522031400000000	DATA	0LOPERCL,0LOPERATE
31	00000000000000000000	DATA	0 END OF C LIST SPECIFIERS
	1	C.BEAD	EQU 1
	3	C.READ	EQU 3
	4	C.WRITE	EQU 4
	5	C.SENDE	EQU 5
	6	C.HANG	EQU 6
	16	C.OPER	EQU 14
	21	C.INX	EQU 17
	22	C.OUTX	EQU 18
	23	C.TAPE	EQU 19
	24	C.AREA	EQU 20
	25	C.DIRECT	EQU 21
32		DADR	BSSZ 1
33	4000000000 X	RETURN	VFD 1/1,29/=XEC:RTRN,30/C.OPER
	0000000016		
34	00000000000000000003	READ	VFD 60/C.READ
35	00000000000000000024	RCAP	VFD 60/C.AREA
36	00000000000000000000	READA	DATA 0 FILE ADDRESS
37	00000000000000000000	READCM	DATA 0 CM ADDRESS
40	00000000000000000000	COUNTA	DATA 0 WORD COUNT
41	4000000000 X	MOVECAP	VFD 1/1,29/=XEC:CIN,30/C.OPER
	0000000016		
42	00000000000000000024		
43	00000000000000000000	FROMC	VFD 60/C.AREA
44	00000000000000000000	TOC	DATA 0
45	00000000000000000005	SENDV	VFD 60/C.SENDE
46	00000000000000000022		VFD 60/C.OUTX
47	00000000000000000000	EVENTW	DATA 0 EVENT TO BE SENT
50	00000000000000000006	GETV	VFD 60/C.HANG
51	00000000000000000021		VFD 60/C.INX
52		FADR	BSSZ 1
53	00000000000000000004	WRITE	VFD 60/C.WRITE

54	0000000000000000000023	VFD	60/C.TAPE	
55	0000000000000000000001	DATA	1	TO BUFFER ADDRESS 1
56	0000000000000000000000	WFILEA	DATA	0
57	0000000000000000000000	WFILEC	DATA	0
60	0000000000000000000004	WCNT	VFD	60/C.WRITE
61	0000000000000000000023	VFD	60/C.TAPE	
62	0000000000000000000000	DATA	0	COUNT TO BUFFER ADDRESS 0
63	0000000000000000001435	VFD	60/TAPECNT	
64	0000000000000000000001	DATA	1	ONE WORD
65		AREA	BSSZ	4
71		CMBUFF	BSSZ	512
1071		BF	BSSZ	2
1073		DIRAREA	BSSZ	4
1077	0000000000000000000000	DIRPTR	DATA	0
1100		DIRECT	BSSZ	200
1410	0000000000000000000000	ERROR	DATA	0
1411	0000000000000000000000	GETBCDN	DATA	0
1412	02000002516	JP	GETBCDNG	
1413	0000000000000000000000	BCDIZE	DATA	0
1414	02000002525	JP	BCDIZEG	
1415	0000000000000000000003	READ2	VFD	60/C.READ,60/C.DIRECT
1416	0000000000000000000025			
1417	0000000000000000000000	FILEADR2	DATA	0
1420	00000000000000000001422	VFD	60/WORD1,60/2	
1421	0000000000000000000002			
1422		WORD1	BSSZ	2
1424	0000000000000000000000	ERRBIT	DATA	0
1425	0000000000000000000000	COPY	DATA	0
1426	02000002312	JP	COPYG	
1427	0000000000000000000000	FIRSTF	DATA	0
1430	0000000000000000000000	SDEVIC	DATA	0
1431	0000000000000000000000	CFILEA	DATA	0
1432	0000000011001000000102	WRITEV	VFD	12/0,12/1,12/513,12/0,12/102B
1433	0000000000000000000000	WORDC	DATA	0
1434	0000000000000000000000	FILEADR	DATA	0
1435	0000000000000000000000	TAPECNT	DATA	0
1436	4000000000 X	MVECAP	VFD	1/1,29/=XEC:CIN,30/C.OPER
	00000000016			
1437	0000000000000000000024	VFD	60/C.AREA	
1440	0000000000000000000000	CAP	DATA	0
1441	0000000000000000000024	VFD	60/C.AREA	
		XJ	MACRO	WHERE,CNT
		+	VFD	12/01308,18/WHERE
		-	VFD	30/CNT
		ENDM		
		FILEMARK	MACRO	
		SENDV		15B
		SENDV		5
		ENDM		
		REPLACE	MACRO	
		SB6		1
		SB1	AREA	
		SB7		0

CLEAR PARITY BIT

	XJ	CALLBEAD	
	ENDM		
GET	MACRO	A,B	
REG	IF	-REG,A	
	SA1	A.	
	SA2	B.	
REG	ENDIF		
	SB6	0	
	SB1	AREA	
	SB7	C,AREA	
	XJ	CALLBEAD	
	ENDM		
MOVE	MACRO	FROM,TO	
	SX6	FROM	
	SX7	C,TO	
	SA6	FROMC	
	SA7	TOC	
	XJ	MOVECAP	
	ENDM		
SENDV	MACRO	EVENT	
	LOCAL	TRY	
TRY	BSS	0	
	SA5	ERRBIT	
	IF	-REG,EVENT	
	SX6	EVENT	
	ELSE		
	BX6	EVENT	
	ENDIF		
	BX6	X6*X5	
	SA5	EVENTW	
	XJ	SENDV	
	XJ	GETV	
	MX6	1	
	BX5	X6*X7	
	SA4	ERRBIT	
	BX6	X4-X5	FLIP ERROR RECOVERY BIT
	SA6	A4	
	LX7	47	GET EXTERNAL REJECT BIT
	NG	X7,TRY	TRY AGAIN
	LX7	60-47	
	LX5	1	
	SX6	X5	
	SA6	ERROR	SET ERROR FLAG
	ENDM		
READ	MACRO	FROM,COUNT,TO,F	
	IF	REG,FROM	
	BX6	FROM	
	ELSE		
	SX6	FROM	
	ENDIF		
	SX7	COUNT	
	SA6	READA	
	SA7	COUNTA	

		SX6	TO	
		SA6	READCM	
		XJ	READ,F	
		ENDM		
	WRITET	MACRO	FROM,CNT	
		LOCAL	X,Y,Z	
		SX6	FROM	
		SA6	WEILEA	
		SX7	CNT	
		SA7	WEILEC	
		XJ	WRITE	
		SX6	X7	
		LX6	2	
		IX6	X6+X7	
	+	NZ	X6,*+1	
		SX6	4	
		SA6	TAPECNT	
		XJ	WCNT	WRITE COUNT INTO ECS BUFFER
	Y	SA1	WRITEV	
		SENDV	X1	
		PL	X7,X	SENSE OK WRITE
		AX7	24	
		SX0	2400B	
		BX0	X0*X7	
		ZR	X0,CRASH	SENSE UNKNOWN ERROR
		SENDV	12B	BACKSPACE
		SENDV	16B	SKIP BADSPOT
		PL	X7,Z	SENSE SKIP BAD SPOT WAS OK
		JP	CRASH	
	Z	SB1	TBSK	
		SB6	5	
		JP	CALLBEAD	SENSE MESSAGE, WRITE AGAIN
		Y	Y	
		0	0	
	X	BSS		
		ENDM		
	OPEN	MACRO	X	
		XJ	OPEN,1000003B	
		EQ	-1	
	-	VFD	30/*+1,60/0,30/1,30/C,AREA	
		ENDM		
	CLOSE	MACRO		
		XJ	CLOSE	
		ENDM		
1442		X4SAVE	BSSZ	1
1443		X5SAVE	BSSZ	1
1444	10644	DUMP	BX6	X4
	10755		BX7	X5
			SA6	X4SAVE
1445	5170001443		SA7	X5SAVE
	5110002553		GET	DUMPTPE,S
1451	6160000001		REPLACE	
1454	0130002543		OPEN	
1460	0130002535		XJ	READSELF

1461	0130002547		CLOSE		
1462	5110002555		GET	SELF,OPER	GET MASTER CLIST
1466	7160000002		MOVE	2,AREA	MOVE CAP FOR SDVC FILE
1471	7160000001		READ	1,1,SDEVIC	READ SDEVICE CAP ADDRESS
1475	6160000001		REPLACE		
1500	5110002555		GET	SELF,OPER	
1504	6160000001		REPLACE		
1507	5110001430		SA1	SDEVIC	
	73610		MOVE	X1,TAPE	BUFFER CAP
1513	7261000001		MOVE	X1+1,OUTX	OUT EVENT CHANNEL
1516	7261000002		MOVE	X1+2,INX	INEVENT CHANNEL
		*			
		*			
		*			
			REWIND TAPE, GET PROPER ERROR RECOVERY BIT		
1521		TRYREW	SENDV	10B	
1531	0337001534		NG	X7,REWOK	
	0347001534		IR	X7,REWOK	
1532	43601		MX6	1	
	5160001424		SA6	ERRBIT	SWITCH ERROR RECOVERY BIT
1533	0200001521		JP	TRYREW	TRY IT AGAIN
1534		REWOK	SENDV	3	SELECT 556 BPI
1544			SENDV	1	SELECT BINARY
	21730		AX7	24	
1554	43060		MX0	60-12	
	15770		SX7	-X0*X7	
	7160000002		SX6	2	
1555	11667		BX6	X6*X7	
	0316001534		NZ	X6,REWOK	SNESE STILL ACTIVE
1556	7160000001		SX6	1	
	11667		BX6	X6*X7	
1557	0306001534		ZR	X6,REWOK	SENSE TAPE STILL BUSY
	7150002001		SX5	201B	CLEAR PARITY AND BUSY BITS
1560	15775		BX7	-X5*X7	
	7277776653		SX7	X7-1124B	
1561	0317002470		NZ	X7,PRECRASH	IF NOT
		*			END OF OPERATE
		*			LOAD POINT
		*			WRITE ENABLE
		*			556BPI
		*			
			GET REQUESTED DIRECTORY		
1562	5120001443		SA1	X4SAVE	
	6160000000		SA2	X5SAVE	
1563	6110001073		SB6	0	
	6170000025		SB1	DIRAREA	
1564	0130002542		SB7	C,DIRECT	
1565	0130002545		XJ	CALLBEAD	GET THE FILE DIRECTORY
1566	0400777776		XJ	SPOPEN,1000003B	
	0000001567		EQ	-1	
1567	00000000000000000000	-	VFD	30/*+1,60/0,30/1,30/C,DIRECT	
1570	00000000100000000025				
1571	76600		SX6	B0	

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      5160001417
1572 0100001411      GETMODE SA6      FILEADR2
1573 0353001606      RJ      GETBCDN      GET BCD NAME OF FILE
      6160000000      OR      X3,STATUSD
1576 6160000001      GET      X1,X2
1601 5110000065      REPLACE
      5120000066      SA1      AREA
1602 5130001077      SA2      AREA+1
      10611      SA3      DIRPTR
      22702      BX6      X1
1603 5263001100      LX7      X2
      5076000001      SA6      X3+DIRECT
1604 7263000002      SA7      A6+1
      54630      SX6      X3+2
1605 0200001572      SA6      A3
1606 5110001077      JP      GETMODE
      7211000001      STATUSD SA1      DIRPTR
1607 7160001100      SX1 X1+1      WRITET DIRECT,X1
1656      FILEMARK
1676 7160000000      SX6      0
      5160001417      SA6      FILEADR2
1677 0100001411      DUMPL RJ      GETBCDN
1700 0353001715      OR      X3,ALLDONE
      6160000000      SB6      0
1701 6170000024      SB7      C,AREA
      6110000065      SB1      AREA
1702 0130002542      XJ      CALLBEAD
1703 0130002543      OPEN
      *
      *      DUMP OUT FILES AND OBJECTS LOOP
      *
1707 0100001425      RJ      COPY      COPY THE FILE TO TAPE
1710 6160000001      REPLACE      RETURN THE DIRECTORY ENTRY
1713 0130002547      CLOSE
1714 0200001577      JP      DUMPL
1715      FILEMARK
1735      FILEMARK
1755      SENDV      11B      REWIND / UNLOAD THE TAPE
1765 6160000005      SB6      5
      6110002273      SB1      ALLOK
1766 0130002542      XJ      CALLBEAD
1767 6110001073      DELONE SB1      DIRAREA
      6160000001      SB6      1      RETURN THE DIRECTORY
1770 0130002542      XJ      CALLBEAD
1771 0130002551      XJ      SPCLOSE
1772 0130000033      XJ      RETURN
1773      ASCII      XTEXT
      ASCII^ EQU 68      MACRO      =,CDC,TTY
2075      ASCII      6
2273 0000000000000000002275      ALLOK      ASCII      (TAPE SUCCESSFULLY MADE)
2300 00000000000000002302      UNSUC      ASCII      (TAPE DUMP ABORTED .. TAPE DRIVE ERROR)
2307 6110002300      CRASH      SB1      UNSUC
      6160000005      SB6      5

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2310	0130002542		XJ	CALLBEAD	
2311	0130000033		XJ	RETURN	
2312	76600	COPYG	SX6	B0	
	5160001431		SA6	CEILEA	
2313	5110001431	COPYGL	SA1	CFILEA	
	5120000070		SA2	AREA+3	
2314	7160001000		SX6	512	
	36616		IX6	X1+X6	
	43036		MX0	30	
2315	15220		BX2	-X0+X2	
	37326		IX3	X2-X6	
	0333002372		NG	X3-LASTREAD	
2316	54610		SA6	A1	
	10611		READ	X1,512,CMBUFF	
2322	7160000071		WRITET	CMBUFF,512	
2371	0200002313		JP	COPYGL	
2372	37621	LASTREAD	IX6	X2-X1	
	5160001433		SA6	WORDC	
	73260		SX2	X6	
2373	10611		READ	X1,X2,CMBUFF	
2377	5110001433		SA1	WORDC	
	7160000071		WRITET	CMBUFF,X1	
2447			FILEMARK		ENDFILE THE TAPE
2467	0200001425		JP	COPY	RETURN
2470	6110002473	PRECRASH	SB1	PREMSG	
	6160000005		SB6	5	
2471	0130002542		XJ	CALLBEAD	
2472	0130000033		XJ	RETURN	
2473	00000000000000002475	PREMSG	ASCII	(TAPE NOT READIED PROPERLY)	
2501	6110002504	DIRERR	SB1	DMSG	
	6160000005		SB6	5	
2502	0130002542		XJ	CALLBEAD	
2503	0130000033		XJ	RETURN	
2504	00000000000000002506	DMSG	ASCII	(ERROR IN DIRECTORY FILE)	
2511	00000000000000002513	TBSK	ASCII	(TAPE BADSPOT SKIPPED)	
2516	0130001415	GETBCDNG	XJ	READ2	
2517	5130001422		SA3	WORD1	
	0353001411		OR	X3-GETBCDN	
2520	5110001417		SA1	FILEADR2	
	7261000002		SX6	X1+2	
2521	54610		SA6	A1	
	0100001413		RJ	BCDIZE	
2522	10166		BX1	X6	
	5130001423		SA3	WORD1+1	
2523	0353002501		OR	X3-DIRERR	SENSE ERROR IN DIRECTORY
	0100001413		RJ	BCDIZE	
2524	10266		BX2	X6	
	76300		SX3	B0	
	0200001411		JP	GETBCDN	
2525	43065	BCDIZEG	MX0	53	
	20304		LX3	4	
	6170000074		SB7	60	
2526	76600		SX6	B0	

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2527	20307	BCDIZEL	LX3	7	
	15430		BX4	-X0*X3	
2530	0304002531	+	ZR	X4,*+1	. ZERO CHAR ON BLANK
	5244002073	-	SA4	X4+TTTDC	
2531	0374002534		ID	X4,ENDBCD	
	20606		LX6	6	
	12664		BX6	X6+X4	
2532	6177777771		SB7	B7-6	
	0570002527		NZ	B7,BCDIZEL	
2533	0200002501		JP	DIRERR	SENSE DIRECTORY ERROR
2534	22676	ENDBCD	LX6	X6,B7	
	0200001413		JP	BCDIZE	
2535	0000000000000000000003	READSELF	VFD	60/C.READ	
2536	0000000000000000000024		VFD	60/C.AREA	
2537	0000000000000000000000		VFD	60/0,60/0	
2540	0000000000000000000000				
2541	0000000000000000001442		VFD	60/X4SAVE	WORD COUNT
2542	0000000000000000000001	CALLBEAD	VFD	60/C.BEAD	
2543	40000000000 X	OPEN	VFD	1/1,29/=XDF:OPRO,30/C.OPER,60/C.AREA	
	0000000016				
2544	0000000000000000000024				
2545	40000000000 X	SPOPEN	VFD	1/1,29/=XDF:OPRO,30/C.OPER,60/C.DIRECT	
	0000000016				
2546	0000000000000000000025				
2547	40000000000 X	CLOSE	VFD	1/1,29/=XDF:CLO,30/C.OPER,60/C.AREA	
	0000000016				
2550	0000000000000000000024				
2551	40000000000 X	SPCLOSE	VFD	1/1,29/=XDF:CLO,30/C.OPER,60/C.DIRECT	
	0000000016				
2552	0000000000000000000025				
2553	04251520242005000000	DUMPTPE.	DATA	0LDUMPTPE	
2554	2300000000000000000000	S.	DATA	0LS	
2555	15012324052200000000	SELF.	DATA	0LMaster	
2556	17200522012405000000	OPER.	DATA	0LOPERATE	
2557		ENDWORD	BSS	0	
			END		

0

35450

STORAGE USED
6600 ASSEMBLY

2065 STATEMENTS
11.039 SECONDS

179 SYMBOLS
830 REFERENCES

000030 INVENTED SYMBOLS

D U M P T P E
ERROR DIRECTORY.

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1 TYPE ERROR
OCCURRED ON PAGES

LOCATION SYMBOL BAD. SYMBOL NOT DEFINED.
7

3 TYPE ERROR
OCCURRED ON PAGES

DUPLICATE MACRO DEFINITION. NEW ONE OVERRIDES.
7

D U M P T P E
SYMBOLIC REFERENCE TABLE.

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ALLDONE	1715	7/23	7/36 L						
ALLOK	2273	7/40	7/50 L						
AREA	65	3/10 L	5/52	6/06	6/08	7/06	7/07	7/34	
ASCII	0	5/51	6/03	6/07	7/05	7/06	7/26	8/06	
ASCIIA	41	7/51	7/52	7/52	8/30	8/30	8/35	8/36	
ASCIIB	42	7/51	7/52	7/52	8/30	8/35	8/35	8/36	
ASCIIIC	43	7/51	7/51	8/35	7/52	7/52	8/30	8/30	8/34
ASCIIID	44	7/51	7/52	7/52	7/52	8/30	8/35	8/36	8/34
ASCIIIE	45	7/51	7/51	7/52	7/52	8/30	8/35	8/35	8/34
ASCIIIF	46	7/51	7/52	7/52	8/30	8/30	8/35	8/36	
ASCIIIG	51	7/52	8/30	8/35	8/35	8/35	8/36		
ASCIIH	53	8/36							
ASCIIIL	54	7/51	8/30	8/35					
ASCIIIM	55	7/51	7/52						
ASCIIIN	56	8/30	8/35						
ASCIIIO	57	7/52	7/52	8/30	8/30	8/35	8/35	8/36	
ASCIIIP	60	7/51	7/52	8/30	8/36	8/36			
ASCIIIR	62	7/52	7/52	8/30	8/36				
ASCIIIS	63	7/51	7/51	8/36		8/30	8/35	8/35	8/35
ASCIIIT	64	7/51	7/52	7/52	7/52	8/30	8/35	8/36	8/34
ASCIIIU	65	7/51	7/51	7/52					
ASCIIIV	66	7/52							
ASCIIY	71	7/51	8/30	8/35					
ASCII.	16	7/52							
BCDIZE	1413	3/19 L	8/42	8/46	9/12				
BCDIZEG	2525	3/20	8/50 L						
BCDIZEL	2527	9/01 L	9/09						
BF	1071	3/12 L							
CALLBEAD	2542	5/51	6/06	6/47	7/19	7/41	8/16	8/32	
		5/52	6/07	7/05	7/27	7/44	8/23	9/18 L	
		6/03	6/08	7/06	7/34	8/01	8/27		
CAP	1440	3/40 L							
CFILEA	1431	3/32 L	8/04 S	8/05					
CLOSE	2547	6/01	7/34	9/25 L					
CMBUFF	71	3/11 L	8/15	8/15	8/21	8/22			
COPY	1425	3/28 L	7/32	8/24					
COPYG	2312	3/29	8/03 L						
COPYGL	2313	8/05 L	8/16						
COUNTA	40	2/41 L	6/05 S	8/15 S	8/21 S				
CRASH	2307	7/19	7/19	7/52 L	8/16	8/16	8/23	8/23	
C.AREA	24	2/32 D	2/44	3/41	5/53	6/04	7/05	7/29	9/27
		2/38	3/39	5/51	6/03	6/07	7/25	9/14	9/27
C.BEAD	1	2/23 D	9/18						
C.DIRECT	25	2/33 D	3/22	6/46	6/52	9/24	9/30		
C.HANG	6	2/27 D	2/50						
C.INX	21	2/29 D	2/51	6/12					
C.OPER	16	2/28 D	2/36	2/43	3/38	9/20	9/23	9/26	9/29
C.OUTX	22	2/30 D	2/48	6/11					
C.READ	3	2/24 D	2/37	3/21	9/13				

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C.SENDE	5		2/26 D	2/47							
C.TAPE	23		2/31 D	3/01	3/06	6/10					
C.WRITE	4		2/25 D	2/53	3/05						
DADR	32		2/34 L								
DELONE	1767		7/42 L								
DFICLO	0	EXTERNAL*	9/25	9/28							
DFIOPRO	0	EXTERNAL*	9/19	9/22							
DIRAREA	1073		3/13 L	6/45	7/42						
DIRECT	1100		3/15 L	7/11 S	7/18						
DIRERR	2501		8/30 L	8/45	9/10						
DIRPTR	1077		3/14 L	7/08	7/16						
DMSG	2504		8/30	8/34 L							
DUMP	1444		2/08	2/10	2/13	2/16	2/17	2/18	5/46 L		
DUMPL	1677		7/22 L	7/35							
DUMPTPE.	2553		5/50	9/31 L							
ECICIN	0	EXTERNAL*	2/42	3/37							
ECIRTRN	0	EXTERNAL*	2/35								
ENDBCD	2534		9/05	9/11 L							
ENDWORD	2557		2/07	2/18	9/35 L						
ERRBIT	1424		3/27 L	6/23	7/19	7/37	7/38	8/16	8/23	8/24	
			6/16	6/23	7/19	7/37	7/38	8/16	8/23	8/24	
			6/16	7/19	7/20	7/37	7/39	8/16	8/23	8/24	
			6/19 S	7/19	7/20	7/37	7/39	8/16	8/23	8/24	
			6/22	7/19	7/20	7/38	8/16	8/23	8/24		
			6/22	7/19	7/20	7/38	8/16	8/23	8/24		
ERROR	1410		3/18 L	6/23 S	7/19 S	7/37 S	7/38 S	8/16 S	8/23 S	8/24 S	
			6/16 S	7/19 S	7/20 S	7/37 S	7/39 S	8/16 S	8/23 S	8/24 S	
			6/22 S	7/19 S	7/20 S	7/38 S	8/16 S	8/23 S	8/24 S		
EVENTW	47		2/49 L	6/23 S	7/19 S	7/37 S	7/38 S	8/16 S	8/23 S	8/24 S	
			6/16 S	7/19 S	7/20 S	7/37 S	7/39 S	8/16 S	8/23 S	8/24 S	
			6/22 S	7/19 S	7/20 S	7/38 S	8/16 S	8/23 S	8/24 S		
FADR	52		2/52 L								
FILEADR	1434		3/35 L								
FILEADR2	1417		3/23 L	7/01 S	7/21 S	8/39					
FIRSTF	1427		3/30 L								
FROMC	43		2/45 L	6/04 S	6/10 S	6/11 S	6/12 S				
GETBCDN	1411		3/17 L	7/02	7/22	8/38	8/49				
GETBCDNG	2516		3/18	8/36 L							
GETMODE	1572		7/02 L	7/15							
GETV	50		2/50 L	6/23	7/19	7/37	7/38	8/16	8/23	8/24	
			6/16	7/19	7/20	7/37	7/39	8/16	8/23	8/24	
			6/22	7/19	7/20	7/38	8/16	8/23	8/24		
LASTREAD	2372		8/12	8/17 L							
MVECAP	41		2/42 L	6/04	6/10	6/11	6/12				
MVECAP	1436		3/37 L								
OPEN	2543		5/52	7/28	9/19 L						
OPER.	2556		6/03	6/07	9/34 L						
PRECRASH	2470		6/35	8/25 L							
PREMSG	2473		8/25	8/29 L							

D U M P T P E
SYMBOLIC REFERENCE TABLE.

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D U M P T P E
SYMBOLIC REFERENCE TABLE.

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TOC	44	2/46 L	6/04 S	6/10 S	6/11 S	6/12 S
TRYREW	1521	6/15 L	6/20			
TTYCDC	2073	9/04				
UNSUC	2300	7/51 L	7/52			
WCNT	60	3/05 L	7/19	8/16	8/23	
WFILEA	56	3/03 L	7/19 S	8/16 S	8/23 S	
WFILEC	57	3/04 L	7/19 S	8/16 S	8/23 S	
WORDC	1433	3/34 L	8/18 S	8/21		
WORD1	1422	3/24	3/26 L	8/37	8/44	
WRITE	53	2/53 L	7/19	8/16	8/23	
WRITEV	1432	3/33 L	7/19	8/16	8/23	
X4SAVE	1442	5/44 L	5/48 S	6/42	9/17	
X5SAVE	1443	5/45 L	5/49 S	6/43		