

DMP
STORAGE ALLOCATION.

COMPASS - VER 2.

10/23/71 13.27.36.

PAGE 1

ADDRESS LENGTH

0 1741
1741 (310)

BINARY CONTROL CARDS.

IDENT DMP
END

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PAGE

2

0		IDENT	DMP
0	0117	PERIPH	
24		ORG	
24	0000	VFD	12/INIT-1
25	0000	ORG	0
26	0000	DATA	
27	0000	DATA	
30	0000	DATA	
31	0000	DATA	
32		SADR	BSSZ
34	0000	PARCT	DATA
35	0000	LEN	DATA
36	0500	EXLEN	DATA
37	0000	FLASHP	DATA
40		CMWD	BSSZ

0008

120			ORG	80	
120	7014	INIT	IAN	14B	
121	5400 1521		STM	TBORG	. STORE MASTER CLOCK
123	2000 0500		LDC	500B	
125	3436		STD	EXLEN	
126	6500 0131		IJM	INIT4,0	
130	7500		DCN	0	
		*			
131	6512 0134	INIT4	IJM	INIT5,12B	
133	7512		DCN	12B	
134	6513 0137	INIT5	IJM	INITA,13B	
136	7513		DCN	13B	
		*			
		*			
137	1403	INITA	LDN	PPDMP1	
140	7301 1177	INIT1	OAM	PPDMP,1	
142	7400	INIT2	ACN	0	
143	7501	INIT3	DCN	1	
144	5600 0140		AOM	INIT1	
146	5600 0142		AOM	INIT2	
150	5600 1201		AOM	PPCHN	
152	5600 0143		AOM	INIT3	
154	1277		LPN	77B	
155	1711		SBN	11B	
156	0405		ZJN	INITSP	
157	1611		ADN	11B	
160	1712		SBN	12B	
161	0755		MJN	INITA	
162	0311		UJN	INIT3A	
		*			
163	1403	INITSP	LDN	3	
164	5600 0142		RAM	INIT2	
166	1403		LDN	3	
167	5600 1201		RAM	PPCHN	
171	0100 0137		IJM	INITA	
		*			
173	2000 1526	INIT3A	LDC	MTMES	
175	3437		STD	FLASHP	
176	7712 5000		FNC	5000B,12B	. CONNECT
200	0200 0650	INIT5A	RJM	ELASH	
202	7712 0010		FNC	10B,12B	
204	0200 1157		RJM	NTBSY	
206	7712 0003		FNC	3B,12B	. 556 BPI
210	3027		LDD	DVCSTAT	
211	1204		LPN	4	
212	0504		NJN	INIT6	. JUMP IF WRITE ENABLED
213	7712 0011		FNC	11B,12B	. ELSE UNLOAD TAPE
215	0355		UJN	INIT3A	. AND CONTINUE
		*			
216	2000 1203	INIT6	LDC	DMPMSGP	
220	3437		STD	FLASHP	
		*			
221	0200 0650		RJM	FLASH	

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223 0200 1645

*

RJM

DMPP0

*

*

225 0200 0262

PP1

RJM

DMPPU

227 5600 1524

AOM

AD1

231 1711

SBN

11B

232 0772

MJN

PP1

*

233 0200 0344

RJM

DUMPCM

235 0200 0432

RJM

DUMPEX

237 0200 0477

RJM

DUMPECS

241 0200 0620

RJM

DUMPLST

*

*

243 0200 1157

RJM

NTBSY

245 7712 0011

FNC

11B,12B

247 2000 1247

LDC

DONEMES

251 3437

STD

FLASHP

252 0200 0650

DONELP

RJM

FLASH

254 2000 0400

LDC

400B

256 1701

SBN

1

257 0576

NJN

*-1

260 0371

UJN

DONELP

261	0100 0000				
		262	*	LJM	0
			DMPPU	EQU	*-1
			*		
263	0200 0650		DMPPUF	RJM	FLASH
265	5000 0321			LDM	DMPPURD
267	1377			SCN	77B
270	5100 1524			ADM	AD1
272	5400 0321			STM	DMPPURD
274	1277			LPN	77B
275	1710			SBN	10B
276	0704			MJN	*+4
277	1403			LDN	3
300	5500 0321			RAM	DMPPURD
302	5000 1525			LDM	AD2
304	0507			NJN	DMPPU1
305	2000 5000			LDC	5000B
307	3430			STD	X1
310	5400 1522			STM	TBLEN
312	0307			UJN	DMPPURD
			*		
313	1400		DMPPU1	LDN	0
314	3430			STD	X1
315	2000 3000			LDC	3000B
317	5400 1522			STM	TBLEN
			*		
321	7100 1526		DMPPURD	IAM	TBDATA.0
323	0200 0650			RJM	FLASH
325	5600 1524			AOM	AD1
327	0200 0736			RJM	TBOUT
331	5700 1524			SOM	AD1
333	3030			LDD	X1
334	5400 1525			STM	AD2
336	0403			ZJN	*+3
337	0100 0263			LJM	DMPPUF
341	0100 0261			LJM	DMPPU-1
			*		

```

*
*
343      0100 0000      344  DUMPCM  EQU      0
*
*
345      2000 1217      LDC      DPMMSGC
347      3437          STD      FLASHP
350      1400          LDN      0
351      5400 1524      STM      AD1
353      5400 1525      STM      AD2
355      1401          LDN      1
356      5400 1524      STM      TBTYPE
360      2000 1000      LDC      1000B
362      5400 1522      STM      TBLEN
364      3435          STD      LEN

*
365      0200 0773      DUMPCM1 RJM      FMARK
367      0200 0650      DUMPCM2 RJM      FLASH
371      5000 1524      LDM      AD1
373      1277          LPN      77B
374      1014          SHN      12
375      5100 1525      ADM      AD2
377      6135 1526      CRM      TBDATA,LEN
401      0200 0734      RJM      TBOUT
403      3035          LDD      LEN
404      5500 1525      RAM      AD2
406      1063          SHN      -12
407      5500 1524      RAM      AD1
411      1277          LPN      77B
412      1014          SHN      12
413      5100 1525      ADM      AD2
415      2167 7777      ADC      -CM SIZE
417      0610          PJN      DUMPCM5
420      5000 1525      LDM      AD2
422      0403          ZJN      **3
423      0100 0367      LJM      DUMPCM2
425      0100 0365      LJM      DUMPCM1

*
427      0100 0343      DUMPCM5 LJM      DUMPCM-1
*
*

```

. READ CM

```

*
*
431      0100 0000      432      DUMPEX      EQU      0
*
*
433      2000 1224      LDC      DMPMSGX
435      3437      STD      FLASHP
436      1400      LDN      0
437      6336 1331      CWM      XPACK,EXLEN
441      1400      LDN      0
442      2600      EXN      0
443      1400      LDN      0
444      2400      PSN
445      2400      PSN
446      2400      PSN
447      2400      PSN
450      2400      PSN
451      1400      LDN      0
452      6136 1526      CRM      TBDATA,EXLEN
454      0200 0650      RJM      FLASH
456      0200 0773      RJM      FMARK
460      1400      LDN      0
461      5400 1524      STM      AD1
463      5400 1525      STM      AD2
465      5600 1523      AOM      TBTYPE
467      1420      LDN      20B
470      5400 1522      STM      TBLEN
472      0200 0736      RJM      TBOUT
474      0100 0431      LJM      DUMPEX-1
*
*

```

```

*
*
476      0100 0000      477      DUMPECS      LJM      0
*      EQU      *-1
*
500      2000 1236      LDC      DMPMSG
502      3437      STD      FLASHP
503      5600 1523      AOM      TBTYPE
505      1400      LDN      0
506      5400 1524      STM      AD1
510      5400 1525      STM      AD2
512      2000 1000      LDC      1000B
514      3435      STD      LEN
515      5400 1522      STM      TBLN
517      0200 0773      DUMPECS1 RJM      FMARK
521      5000 1524      DUMPECS1 LDM      AD1
523      5400 1416      STM      X01
525      5000 1525      LDM      AD2
527      5400 1417      STM      X02
531      1400      LDN      0
532      6336 1331      CWM      EXPACK,EXLEN
534      1402      LDN      2
535      2600      EXN      0
536      2400      PSN
537      2400      PSN
540      2400      PSN
541      2400      PSN
542      2700      DUMPECSA RPN
543      0417      ZJN      DUMPECS3
544      1701      SBN      1
545      0574      NJN      DUMPECSA
546      2000 1253      LDC      ECSERM
550      3437      STD      FLASHP
551      0200 0620      RJM      DUMPLST
*
553      0200 0650      DUMPECS2 RJM      FLASH
555      2000 0400      LDC      400B
557      1701      SBN      1
560      0576      NJN      *-1
561      0371      UJN      DUMPECS2
*
*
562      2000 0100      DUMPECS3 LDC      100B
564      6135 1526      CRM      TBDATA,LEN
566      0200 0736      RJM      TBOUT
570      1400      LDN      0
571      6040      CRD      CMWD
572      3040      LDD      CMWD
573      3141      ADD      CMWD+1
574      3142      ADD      CMWD+2
575      3143      ADD      CMWD+3

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576	3144		ADD	CMWD+4
577	0403		ZJN	DUMPECS4
		*		
600	0100 0474		LJM	DUMPECS-1
		*		
		*		
602	3035	DUMPECS4	LDD	LEN
603	5500 1525		RAM	AD2
605	1063		SHN	-12
606	5500 1524		RAM	AD1
610	5000 1525		LDM	AD2
612	0403		ZJN	*+3
613	0100 0521		LJM	DUMPECS1A
615	0100 0517		LJM	DUMPECS1

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617      0100 0000      620      DUMPLST      LJM      0
      *      EQU      *-1

621      1404      LDN      4
622      5400 1523      STM      TBTYPE
624      1400      LDN      0
625      5400 1524      STM      AD1
627      5400 1525      STM      AD2
631      1405      LDN      5
632      3435      STD      LEN
633      5400 1522      STM      TBLN
635      0200 0773      RJM      FMARK
637      0200 0736      RJM      TBOUT
641      0200 0773      RJM      FMARK
643      0200 0773      RJM      FMARK
645      0100 0617      LJM      DUMPLST-1 . RETURN STUPID <<<<
      *
      *

```

```

*
*
647      0100 0000      650  FLASH  LJM      0
      EQU      *-1
*
651      3037      LDD      FLASHP
652      1601      ADN      1
653      5400 0665      STM      FLASHW
*
655      7710 7000      FLASH1 FNC      7000B,10B
657      7410      ACN      10B
660      1402      LDN      2
661      7310 0733      OAM      00.0R,10B
663      4037      LDI      FLASHP
664      7310 0000      OAM      0,10B
      EQU      *-1
      665  FLASHW
*
666      1400      LDN      0
667      3432      STD      SADR
670      5000 1523      LDM      TBTYPE
672      0507      NJN      FLASH4
673      5000 1524      LDM      ADI
675      1633      ADN      IR0
676      3433      STD      SADR+1
677      0100 0724      LJM      FLASH3
*
701      5000 1524      FLASH4 LDM      ADI
703      3431      STD      X2
704      1207      LPN      7
705      1633      ADN      IR0
706      3433      STD      SADR+1
707      3031      LDD      X2
710      1074      SHN      -3
711      3431      STD      X2
712      0412      ZJN      FLASH3
713      1207      LPN      7
714      1633      ADN      IR0
715      1006      SHN      6
716      3533      RAD      SADR+1
717      3031      LDN      X2
720      1074      SHN      -3
721      0403      ZJN      FLASH3
722      1633      ADN      IR0
723      3432      STD      SADR
*
724      1402      FLASH3  LDN      1
725      7310 0032      OAM      SADR,10B
727      2400      PSN
*
*
730      7510      DCN      10B
731      0100 0647      LJM      FLASH-1
*

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733

6000

*
CO. OR
*
*

DATA

6000B,7400B

735	0100 0000		*		
			*		
737	2000 0737	736	TBOUT	LJM	0
741	3424		TBOUTE	EQU	*-1
742	7712 1601			LDC	TBOUTE
744	5000 1523			STD	ERROR
746	0407			FNC	1601B, 12B
747	5000 1522			LDM	TBTYPE
751	1002			ZJN	TBOUT1
752	5100 1522			LDM	TBLEN
754	0303			SHN	2
			*	ADM	TBLEN
755	5000 1522		TBOUT1	UJN	TBOUT2
			*		
757	1605		TBOUT2	LDM	TBLEN
760	3425		*		
761	7412			ADN	IRLEN
762	7312 1521			STD	12B
764	6612 0764			ACN	TBORG, 12B
766	7512		OWAIT	OAM	OWAIT, 12B
			*	FJM	12B
767	0200 1027			DCN	
			*		
771	0343		TBOUTC	RJM	ENDOP
			*		
772	0100 0000			UJN	TBOUT-1
			*		
774	2000 0774	773	FMARK	LJM	0
776	3424		FMARKE	EQU	*-1
777	1401			LDC	FMARKE
1000	3425			STD	ERROR
			*	LDN	1
1001	0200 1157			STD	IRLEN
1003	7712 0002				
1005	0200 1021			RJM	NTBSY
1007	7712 1601			FNC	2, 12B
1011	7412			RJM	ENDOP
1012	1417			FNC	1601B, 12B
1013	7212			ACN	12B
1014	6612 1014			LDN	17B
1016	7512			OAN	12B
1017	0200 1157		FWAIT	FJM	FWAIT, 12B
1021	7712 0001			DCN	12B
1023	0200 1027		FMARKC	RJM	NTBSY
1025	0344			FNC	1, 12B
			*	RJM	ENDOP
			*	UJN	FMARK-1

```

*
*
1026      0100 0000      1027      ENDOP      LJM      0
      EQU      *-1
*
*
1030      7712 1000      FNC      1300B,12B
1032      7412      ACN      12B
1033      7012      IAN      12B
1034      7512      DCN      12B
1035      3427      STD      DVCSTAT
1036      2200 1000      LPC      1000B
1040      0504      NJN      ENDOP1
1041      0200 0650      RJM      FLASH
1043      0364      UJN      ENDOP+1
*
*
1044      3027      ENDOP1      LDD      DVCSTAT
1045      2200 2000      LPC      2000B
1047      0456      ZJN      ENDOP-1      . RETURN, PARITY OK
1050      3027      LDD      DVCSTAT
1051      1202      ENDOP1A      LPN      2
1052      0404      ZJN      ENDOP3
1053      0200 1167      RJM      STATUS
1055      0973      UJN      ENDOP1A
*
*
1056      3634      ENDOP3      AOD      BARCT
1057      7712 0041      FNC      41B,12B      . REVERSE READ
1061      0200 1167      ENDOP3A      RJM      STATUS
1063      1202      LPN      3
1064      0574      NJN      ENDOP3A
1065      7712 1001      FNC      1401B,12B      . INPUT
1067      3025      LDD      TRLEN
1070      3426      STD      COUNT
1071      7412      ACN      12B
1072      7012      IAN      12B
1073      3726      SOD      COUNT
1074      6612 1072      ENDOP4A      FJM      ENDOP4,12B
1076      6412 1074      AJM      ENDOP4A,12B
1100      1702      SBN      2
1101      0703      MJN      **3
1102      0100 1124      LJM      HOPELESS
*
*
1104      7712 0040      FNC      40B,12B
1106      7712 0016      FNC      16B,12B      . SKIP BADSPOT
1110      0200 1167      ENDOP5      RJM      STATUS
1112      1202      LPN      2
1113      0574      NJN      ENDOP5
1114      3027      LDD      DVCSTAT
1115      2200 2000      LPC      2000B
1117      0403      ZJN      **3
1120      0100 1124      LJM      HOPELESS
1122      0124 0000      LJM      0,ERROR      . RETURN FOR RE TRY

```

```

*
*
1124      2000 1151      *
1126      5400 0740      *
1130      5400 0775      *
1132      0200 0620      *
1134      2000 1262      *
1136      3437      *
1137      3034      *
1140      5400 1524      *
1142      0200 0650      *
1144      2000 0400      *
1146      1701      *
1147      0676      *
1150      0366      *

1151      2000 1303      *
1153      3437      *
1154      0100 1137      *

HOPELESS  LDC      HOPELES1
           STM      TROUTE+1
           STM      FMARKE+1
           RJM      DUMPLST
           LDC      PARMES
           STD      FLASHP
ENDOPP     LDD      PARCT
           STM      ADI
           RJM      FLASH
           LDC      4008
           SBN      1
           PJN      *-1
           UJN      ENDOPP

*
*
HOPELES1  LDC      NOTRLR
           STD      FLASHP
           LJM      ENDOPP
*
*

```

. TRY TO WRITE TRAILER

```

*
*
*
1156      0100 0000      1157      NTBSY      LJM      0
      EQU      *-1
*
1160      0200 1027      RJM      ENDOP
1162      3027      LDD      DVCSTAT
1163      1202      LPN      2
1164      0471      ZJN      NTBSY-1
1165      0372      UJN      NTBSY+1
*
*
*
1166      0100 0000      1167      STATUS      LJM      0
      EQU      *-1
*
1170      7712 1300      FNC      1300B,12B
1172      7412      ACN      12B
1173      7012      IAN      12B
1174      7512      DCN      12B
1175      3427      STD      DVCSTAT
1176      0367      UJN      STATUS-1

```


1177	0000	3	PPDMPL	EQU	3	
1200	1400		PPDMP	DATA	0	
1201	7300 0000		PPCHN	LDN	0	
				OAM	0	
			*			
			*			
			*			
1203	0007		DMPMSGP	DATA	7	
1204	0425			DIS		,SDUMPING...PPUS\$
			*			
1214	0006		DMPMSGC	DATA	6	
1215	0425			DIS		,SDUMPING...CMS
			*			
1224	0010		DMPMSGX	DATA	8	
1225	0425			DIS		,SDUMPING...XPACK\$
			*			
1236	0007		DMPMSGF	DATA	7	
1237	0425			DIS		,SDUMPING...ECS\$
			*			
1247	0002		DONEMES	DATA	2	
1250	0417			DIS		,SDONES
			*			
1253	0005		ECSERM	DATA	5	
1254	0503			DIS		,SECS ERRORS
			*			
1262	0020		PARMES	VFD	12/LPARMES	
1263	2516	20		DIS		,SUNRECOV. PARITY ERROR...SORRYS
			LPARMES	EQU	*-PARMES-1	
			*			
1303	0025		NOTRLR	VFD	12/LNOTRLR	
1304	2001	25		DIS		,SPARITY ERROR, NO TRAILER WRITTEN, BEWARE\$
			LNOTRLR	EQU	*-NOTRLR-1	
			*			
			*			
		1331	XPACK	EQU	*	
1331			EXPACK	BSSZ	10	
1343	0000			VFD	24/18,18/100B,18/0	P,A0,B0
1344	0022					
1345	0001					
1346	0000					
1347	0000					
1350				BSSZ	5	
1355	0000			VFD	24/4000B,36/0	CMFI,A2,B2
1356	4000					
1357	0000					
1360	0000					
1361	0000					
1362	0007			VFD	24/70000B,36/22	EM,A3,B3=RECS ADDRESS
1363	0000					

Address	Value	Label	Instruction	Comment
1364	0000			
1365	0000			
1366	0026			
1367	0060	VFD	24/200001,36/0	ECS RA+B4 AND A4
1370	6501			
1371	0000			
1372	0000			
1373	0000			
1374	0111	VFD	24/300001,36/0	ECS FL AND A4-B5 (WOOPS)
1375	2011			
1376	0000			
1377	0000			
1400	0000			
1401				
1416	0000	X01	BSSZ 10+3	A6 TO B7 + TOP 36 BITS OF X0
1417	0000	X02	DATA 0	
1420	0000		DATA 0	READ ECS ADDRESSES SET BY PPU
1421	0000		VFD 60/1000B	COUNT IN X1
1422	0000			
1423	0000			
1424	1000			
1425	0000	VFD	60/300000	FL IN X2
1426	0000			
1427	0000			
1430	0111			
1431	1740			
1432	0400	*	READ ECS INSTRUCTION IN X3	
1433	0000		VFD 60/04000000010110000000B	
1434	0101			
1435	1000			
1436	0000			
1437				
1463	3640		BSSZ 5*4	X4-X7
1464	1374		VFD 15/36401B	18 IX4 X0+X1 . MAX + 1 ADDRESS
1465	4203		VFD 15/37442B	IX4 X4-X2 . LAST+1-FL
1466	3400		VFD 30/0334000024B	NG X4,20 JUMP IF ADDRESS OK
1467	0024			
1470	3711	*	19	
1471	4716		VFD 15/37114B	IX1 X1-X4 DECREMENT COUNT
1472	0000		VFD 30/7160000001B	SX6 B0+1 . FLAG IN X6
1473	0015			
1474	6600		VFD 15/56600B	SA6 B0+B0 SET FLAG IN WORD 0
1475	3661		VFD 15/36613B	20 IX6 X1+X3 FORM INSTRUCTION
1476	3206		VFD 15/20636B	IX6 30
1477	3651		VFD 30/5163000000B	SA6 B3+0 STORE INSTR

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1500 6300
1501 0000

1502 0230
1503 0000
1504 0000
1505 0000
1506 0000

* 20

VFD

30/023000000B,30/0 . JP B3+0 TO READ ECs

* 22

BSSZ

5

• INSTRUCTION LANDS HERE

1507
1514 0200
1515 0000
1516 0000
1517 0000
1520 0000

VFD

6/2,54/0

• 23 JP B0+0

100000

CMSIZE

EQU

100000B

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1521	0000		TBORG	DATA	
1522	0000		TBLEN	DATA	
1523	0000		TBTYPE	DATA	
1524	0000		AD1	DATA	
1525	0000		AD2	DATA	
		1526	TBDATA	EQU	
1526	0100		MTMES	DATA	
1527	1517			DIS	
1544				BSSZ	

100B
#00000000
100B
SMOUNT DUMP TAPE (OUTPUT)S
100B

1644	0100 0000	1645	DMPP0	LJM	0
			*	EQU	**1
1646	2000 1644			LDC	DMPP0+1
1650	3424			STD	ERROR
1651	2000 5000			LDC	5000B
1653	5400 1522			STM	TBLEN
1655	1605			ADN	5
1656	3425			STD	IRLEN
1657	7712 1601			FNC	1601B,12B . OUTPUT
1661	1405			LDN	5
1662	7412			ACN	12B
1663	7312 1521			OAM	TBORG,12B
1665	2000 5000			LDC	5000B
1667	7312 0000			OAM	0,12B
1671	6612 1671	DMPP0W		FJM	DMPP0W,12B
1673	7512			DCN	12B
1674	0200 1027			RJM	ENDOP
			*		
1676	2000 1676	DMPP01		LDC	DMPP01
1700	3424			STD	ERROR
1701	2000 5000			LDC	5000B
1703	5400 1525			STM	AD2
1705	2000 3000			LDC	3000B
1707	5400 1522			STM	TBLEN
1711	1605			ADN	5
1712	3425			STD	IRLEN
1713	7712 1601			FNC	1601B,12B
1715	1405			LDN	5
1716	7412			ACN	12B
1717	7312 1521			OAM	TBORG,12B
1721	2000 3000			LDC	3000B
1723	7312 5000			OAM	5000B,12B
1725	6612 1725	DMPP01W		FJM	DMPP01W,12B
1727	7512			DCN	12B
1730	0200 1027			RJM	ENDOP
1732	1400			LDN	0
1733	5400 1522			STM	TBLEN
1735	5400 1525			STM	AD2
1737	0100 1644			LJM	DMPP0-1
1741				END	

35250 STORAGE USED
6600 ASSEMBLY

628 STATEMENTS
3.206 SECONDS

100 SYMBOLS
357 REFERENCES

DMP
SYMBOLIC REFERENCE TABLE.

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AD1	1524	4/06	5/29	6/10	6/29	8/11	9/10	11/22	15/10
		5/08	5/31	6/20	7/24	8/17	10/07	11/27	20/04 L
AD2	1525	5/15	6/11	6/27	6/35	8/12	9/08	10/08	21/23
		5/33	6/23	6/32	7/25	8/19	9/11	20/05 L	21/39
CMSIZE	100000	6/33	19/16 D						
CMWD	40	2/17 L	8/49	8/50	8/51	8/52	8/53	9/01	
COUNT	26	2/08 L	14/34	14/37					
CO.OR	733	11/13	12/02 L						
DMPMSGC	1214	6/07	17/14 L						
DMPMSGC	1236	8/07	17/20 L						
DMPMSGP	1203	3/50	17/11 L						
DMPMSGX	1224	7/07	17/17 L						
DMPPU	262	4/05	5/03 D	5/36					
DMppUF	263	5/05 L	5/35						
DMPPURD	321	5/06	5/09	5/14	5/20	5/27 L			
DMPPU1	313	5/16	5/22 L						
DMpp0	1645	4/02	21/02 D	21/04	21/40				
DMPP0W	1671	21/16 L	21/16						
DMPP01	1676	21/20 L	21/20						
DMpp01W	1725	21/34 L	21/34						
DONELP	252	4/20 L	4/24						
DONEMES	1247	4/18	17/23 L						
DUMPCM	344	4/10	6/04 D	6/40					
DUMPCM1	365	6/18 L	6/38						
DUMPCM2	367	6/19 L	6/37						
DUMPCM5	427	6/34	6/40 L						
DUMPECS	477	4/12	8/04 D	9/04					
DUMPECSA	542	8/29 L	8/32						
DUMPECS1	517	8/16 L	9/14						
DUMPECS2	553	8/37 L	8/41						
DUMPECS3	562	8/30	8/45 L						
DUMPECS4	602	9/02	9/07 L						
DUMPECIA	521	8/17 L	9/13						
DUMPEX	432	4/11	7/04 D	7/30					
DUMPLST	620	4/13	8/35	10/02 D	10/16	15/06			
DVCSTAT	27	2/09 L	3/44	14/11	14/18	14/21	14/49	16/08	16/22
ECSERM	1253	8/33	17/26 L						
ENDOP	1027	13/25	13/48	14/15	16/07	21/36			
		13/39	14/04 D	14/20	21/18				
ENDOPP	1137	15/09 L	15/15	15/19					
ENDOP1	1044	14/13	14/18 L						
ENDOP1A	1051	14/22 L	14/25						
ENDOP3	1056	14/23	14/27 L						
ENDOP3A	1061	14/29 L	14/31						
ENDOP4	1072	14/36 L	14/38						
ENDOP4A	1074	14/38 L	14/39						
ENDOP5	1110	14/46 L	14/48						
ERROR	24	2/06 L	13/06	13/33	14/53	21/05	21/21		
EXLEN	36	2/15 L	3/05	7/10	7/20	8/22			
EXPACK	1331	8/22	17/40 L						
FLASH	650	3/40	4/20	5/28	7/21	11/04 D	14/14		
		3/53	5/05	6/19	8/37	11/52	15/11		

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FLASHP	37	2/16 L	3/51	6/08	8/08	11/06	15/08		
		3/38	4/19	7/08	8/34	11/14	15/18		
FLASHW	665	11/08	11/16 D						
FLASH1	655	11/10 L							
FLASH3	724	11/25	11/35	11/42	11/46 L				
FLASH4	701	11/21	11/27 L						
FMARK	773	6/18	7/22	8/16	10/12	10/14	10/15	13/31 D	13/49
FMARKC	1021	13/47 L							
FMARKE	774	13/32 L	13/32	15/05					
FWAIT	1014	13/44 L	13/44						
HOPELESS	1124	14/42	14/52	15/03 L					
HOPELES1	1151	15/03	15/17 L						
INIT	120	2/04	3/02 L						
INITA	137	3/11	3/15 L	3/28	3/35				
INITSP	163	3/25	3/31 L						
INIT1	140	3/16 L	3/19						
INIT2	142	3/17 L	3/20	3/32					
INIT3	143	3/18 L	3/22						
INIT3A	173	3/29	3/37 L	3/48					
INIT4	131	3/06	3/09 L						
INIT5	134	3/09	3/11 L						
INIT5A	200	3/40 L							
INIT6	216	3/46	3/50 L						
LEN	35	2/14 L	6/16	6/24	6/26	8/14	8/46	9/07	10/10
LNOTRLR	25	17/33	17/35 D						
LPARMES	20	17/29	17/31 D						
MTMES	1526	3/37	20/07 L						
NOTRLR	1303	15/17	17/33 L	17/35					
NTBSY	1157	3/42	4/16	13/37	13/46	16/05 D	16/10	16/11	
OWAIT	764	13/22 L	13/22						
PARCT	34	2/13 L	14/27	15/09					
PARMES	1262	15/07	17/29 L	17/31					
PPCHN	1201	3/21	3/34	17/06 L					
PPDMP	1177	3/16	17/04 L						
PPDMPL	3	3/15	17/03 D						
PP1	225	4/05 L	4/08						
SADR	32	2/12 L	11/19	11/24	11/31	11/39	11/44	11/47	
STATUS	1157	14/24	14/29	14/46	16/16 D	16/23			
TBDATA	1526	5/27	6/24	7/20	8/46	20/06 D			
TBLEN	1522	5/19	6/15	8/15	13/10	13/15	21/07	21/38	
		5/25	7/28	10/11	13/12	20/02 L	21/25		
TBORG	1521	3/03	13/21	20/01 L	21/13	21/31			
TBOUT	736	5/30	6/25	7/29	8/47	10/13	13/04 D	13/27	
TBOUTC	771	13/27 L							
TBOUTE	737	13/05 L	13/05	15/04					
TBOUT1	755	13/09	13/15 L						
TBOUT2	757	13/13	13/18 L						
TBTYPE	1523	6/13	7/26	8/09	10/05	11/20	13/08	20/03 L	
TRLEN	25	2/07 L	13/19	13/35	14/33	21/09	21/27		
XPACK	1331	7/10	17/39 D						
X01	1416	8/18	18/15 L						
X02	1417	8/20	18/16 L						
X1	30	2/10 L	5/18	5/23	5/32				

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