

ADDRESS	LENGTH	BINARY CONTROL CARDS.	
0	0	IDENT	DISK2
0		END	

ENTRY POINTS.

RW	=	0	OPERCL	=	1	ALPCL	=	4	BEADC	=	7
RO	=	1	MAINCL	=	2	RESPL	=	5			
MYCODE	=	0	FILCL	=	3	EMPTY	=	6			

EXTERNAL SYMBOLS.

DARHASH	M.WRKSP	GF.DDSL	GF.SUSF	M.FDISK	M.USCTR	N.LOCKS	EC:WRIT
M.DARL	M.DESTL	GF.HSHF	GF.SUSL	M.SDISK	M.DDSCT	M.GFILE	EC:SEV
M.FHRL	M.MSTAB	GF.HSHL	M.ADDS	M.HELP	M.FCLEV	EC:RPAR	EC:GEVH
M.HASHI	M.SWAB	GF.IOTF	M.ASUSP	M.RETRY	M.IOCTR	EC:COU	EC:MVSP
M.SECS	GF.DUSF	GF.IOTL	M.ADISK	M.UNAME	M.LOCKS	EC:STMP	EC:READ

```

IDENT      DISK2
EXT        DARHASH,M.DARL,M.FHRI,M.HASHL,M.SECS,M.WRKSP
EXT        M.DESTL,M.MSTAR,M.SWAB
EXT        GF.DDSF,GF.DDSL,GF.HSHF,GF.HSHL
EXT        GF.IOTF,GF.IOTL,GF.SHSF,GF.SUSL
EXT        M.ADDS,M.ASUSP,M.ADISK,M.FDISK,M.SDISK
EXT        M.HELP,M.RETRY,M.UNAME,M.USCTR,M.DDSCT
EXT        M.FCLEV,M.IOCTR,M.LOCKS,NLOCKS
EXT        M.GFILE
ORIG       0

```

```

0
0
PARAMS    XTEXT
*
*
* DISK2.. INITIALIZES ALL DISK SYSTEM GLOBAL OBJECTS
*          CONSTRUCTED BY DISK1 EXCEPT DISK ALLOCATION TABLE.
*
*

```

```

0      RWF      BSS      0
*
0      SYSSUB0   XTEXT
*

```

```

0      000000000000000000000001  TYPE      I
2      0314012323000000000000    NAMES     CLASS,ROOT,CALL,CL,DISK2,SF,DISK2
7      000000000000000000000002  INTEGERS  50,FLDLN,ENTER,FLDLFN

```

```

*
* MAP
*
15     23065704112313350000      RW      MAP      SF,DISK2,RWF,RWF,RWL,0
20     03065704112313350000      RO      MAP      CF,DISK2,ROF,ROF,ROL,1
23     777777777777777777777777  MAPEND

```

```

* CLIST
*
24     03065704112313350000      MYCODEF  CAP      CF,DISK2
25     03145717200523230000      OPERCL   CAP      CL,OPERS
26     03145715011112000000      MAINCL   CAP      CL,MAIN
27     03145706111405230000      FILCL    CAP      CL,FILES
30     03145723140505200000      SLPCL    CAP      CL,SLEEP
31     03145722052320000000      RESPCL   CAP      CL,RESP
32     03035705152024310000      EMPTY    CAP      CC,EMPTY
33     02050104000000000000      BEADC    CAP      BEAD
34     777777777777777777777777  CAPEND

```

```
*  
* SCRATCH AREA  
*  
35 IPLIST BSS 16  
*  
55 0000000000 FRET PS  
*  
56 SYSERR BSSZ 1  
57 0000000000 PS  
*  
*  
60 LINK BSSZ 1  
61 RECORD BSSZ 1  
*  
*  
71 RWL BSS 0
```

END OF READ/WRITE AREA

```

71          ROF          BSS          0          START OF READ-WRITE AREA
*
*
71          SYSCALL     XTEXT
*
*          MACSET      OPERCL, IPLIST, ECS
*
*
* ENTER AND INITIALIZE SCRATCH AREA
*
71 7160000001 ENTER      READ      MYCODEF, RWF, RWF, RWI -RWF, FRET
*
* MOVE ECS SPACE INTO SWAPPED ECS ALLOCATION BLOCK
* (LARGE CHUNK MOVED IN NOW. REMAINING LARGE CHUNK COMES
* FROM JANITOR WHEN HE CLEANS UP AFTER INITIALIZATION COMPLETE)
*
102 5110000527          SA1          NSWAPI          INITIAL SWAPPED ECS
114 7160000001 7160000001 MVSPACE (MAINCL,M,MSTAB); (MAINCL,M,SWAB); (X1)
122 36271          GETEVH (MAINCL,M,SECS)
          IX2          X7+X1
          SENDEV      *; (X2)
7160000001

```

*
 * INITIALIZE GLOBAL FILE (EXCEPT DISK ALLOCATION TABLE)
 *
 * I/O TABLE
 *

131	6110000000	x		SB1	GF.IOTF	
			6120777775	SB2	GF.IOTL=2	
132	7160000001			WRITE	(MAINCL*M.GFILE)*R2*FOTNULL*2*FRET	
144	6122777775			SB2	R2-2	
			0621000132	GE	R2,B1,LOOP1	

*
 * SUSPENSE WORDS
 *

145	6110000000	x		SB1	GF.SUSF	
			6120777776	SB2	GF.SUSL=1	
146	76600			SX6	R0	
147	5160000060			SA6	LINK	
			7160000001	WRITE	(MAINCL*M.GFILE)*R2*LINK*I*FRET	BUILD AVAIL CHAIN
162	6130000000	x		SB3	GF.SUSF	
			77623	SX6	R2-B3	
163	6122777776			SB2	R2-1	
			0712000147	GT	R2,B1,LOOP2	
164	7160000001			SENDEV	(MAINCL*M.ASUSP)*I	

*
 * DDS
 *

175	6110000010	x		SB1	GF.DDSF*8	1ST RECORD NOT IN FREE CHAIN
			6120777767	SB2	GF.DDSL*8	
176	7160000000			SX6	R0	
177	5160000061			SA6	RECORD	
			7160000001	WRITE	(MAINCL*M.GFILE)*R2*RECORD*8*FRET	BUILD AVAIL CHAIN
212	76620			SX6	R2	
			6122777747	SB2	R2-B	
213	0621000177			GE	R2,B1,LOOP3	
			7160000001	WRITE	*GF.DDSF.MASTDAR*FRET	1ST DDS RECORD = MASTER DAR
222	7160000001			SENDEV	(MAINCL*M.ADDS)*GF.DDSF*8	FREE CHAIN HEAD IN EVENT

*
 * HASH TABLES
 *

233	6110000000	x		SB1	GF.HSHF	
			6120777776	SB2	GF.HSHL=1	
234	7160000001			WRITE	(MAINCL*M.GFILE)*R2*HASHNULL*1*FRET	
246	6122777776			SB2	R2-1	
			0621000234	GE	R2,B1,LOOP4	
247	7160000001			WRITE	*DARHASH*126*MASTPTR*1*FRET	PUT MASTER DAR IN HASH TABLE

```

*
* INITIALIZE FILES-C LIST
*
257 6110000306          SBI      NFILES-2
*
260 7160000001        LOOPS     SETEMP   EMPTY,EMPTY,BI+1
267 7160000001          CAPOUT   FILCL,R1,EMPTY      BUILD AVAIL CHAIN
276 6111777776          SBI      R1-1
          0510000260        NZ      R1,LOOPS
*
277 7160000001          SETEMP   EMPTY,EMPTY,B0      SET LINK = 0
306 7160000001          CAPOUT   FILCL,B0,EMPTY      IN 0TH ENTRY
315 7160000001          CAPOUT   FILCL,NFILES-1,EMPTY  AND LAST ENTRY
*
324 7160000001          SENDEV   (MAINCL,M,FCLEV)*1  AVAIL CHAIN HEAD
*
* SEND EVENTS ON VARIOUS LOCK CHANNELS
*
335 7160000001          SENDEV   (MAINCL,M,FHRL)*0
346 7160000001          SENDEV   (MAINCL,M,DARL)*0
357 7160000001          SENDEV   (MAINCL,M,HASHL)*0
370 7160000001          SENDEV   (MAINCL,M,ADISK)*0
401 7160000001          SENDEV   (MAINCL,M,FDISK)*100
412 7160000001          SENDEV   (MAINCL,M,SDISK)*100
423 7160000001          SENDEV   (MAINCL,M,UNAME)*100R
434 7160000001          SENDEV   (MAINCL,M,USCTR)*0
445 7160000001          SENDEV   (MAINCL,M,DESTL)*0
456 7160000001          SENDEV   (MAINCL,M,DDOCT)*NRETS-DDSLOP  DDS ALLOCATION CTR
*****
467 7160000001          SENDEV   (MAINCL,M,IOCTR)*0 *
*****
*
500 5110000600          SAI      NWRKS
501 7160000001        WRKLOOP  SENDEV   (MAINCL,M,WRKSP)*0
512 7211777776          SX1      X1-1
          0311000501        NZ      X1,WRKLOOP
*
* RETURN WITH NO PARAMETERS (END-MARKER ONLY)
*
513 5110000521          SAI      ENDMARK
          7160000001        REYPAR  (X1),B0

```

```

*
521 000000000100000000522 ENDMARK VFD 30/1,30/MARKER
522 0000000000000000000000 MARKER DATA 0 RETURNED-OBJECTS END-MARKER
*
523 0000000000000000000000 HASHNULL DATA 0
524 0000000000000000000000 IOTNULL DATA 0,0
*
526 0000000000000000000000 x MASTPTR VFD 42/0,18/GF,DDSF 0DS ADDR OF MASTER DAR
*
527 0000000000000000160000 NSWAPI DATA 160000B SWAPPED ECS FOR JPROC...
* LEAVE SOME ON MASTER ABLK FOR JPROC OBJ
*
530 0000037777700000000000 MASTDAR VFD 16/0,18/-1,26/0 ACCTG BLK NO.
531 0000000000000000000000 VFD 24/0,18/0,18/0 HASH-LIST, SUSPENSE-LIST-HEAD
532 0000000011111100000000 VFD 24/0,18/111111B,1A/0 TAG, OPEN-CNT, FILE-CNT
533 0000226000000000000000 VFD 30/N,FXDSK,30/0 RESERVED, IN-USE
534 0000000000000000000000 VFD 30/0,30/0 TIME-OF-LAST-BILL, CHARGE-RATE
535 0000000000000000000000 VFD 60/0 CONTINUOUS CHARGE METER
536 0000000000000000000000 VFD 60/0 DISCONTINUOUS CHARGE METER
537 0000000000000000000000 VFD 60/0 (NOT USED)

```

```

*
*
*
600 ORG 600B
600 0000000000000000000005 NWRKS DATA 5
601 ROL BSS 0
*
601 FLDLEN BSS 0
*
0 END

```

```

43434 STORAGE USED 1295 STATEMENTS 201 SYMBOLS 000016 INVENTED SYMBOLS
6600 ASSEMBLY 11.304 SECONDS 407 REFERENCES

```

BEADC	7		2/43	D																
CAPX	10		2/26	D	2/37		2/38	D	2/39		2/41		2/42	D	2/43					
			2/36		2/37	D	2/38		2/40		2/41	D	2/42		2/43					
			2/36	D	2/37		2/39		2/40	D	2/41		2/43							
			2/36		2/38		2/39	D	2/40		2/42		2/43	D						
DARHASH	0	EXTERNAL*	5/46																	
DD\$LOP	62		6/30																	
EC:COIT	0	EXTERNAL*	6/08		6/13		6/14													
EC:GEVH	0	EXTERNAL*	4/20																	
EC:MVSP	0	EXTERNAL*	4/19																	
EC:READ	0	EXTERNAL*	4/12																	
EC:RPAR	0	EXTERNAL*	6/45																	
EC:SEV	0	EXTERNAL*	4/22		5/37		6/21		6/23		6/25		6/27		6/29		6/35			
			5/24		6/16		6/22		6/24		6/26		6/28		6/30		6/36			
EC:STMP	0	EXTERNAL*	6/07		6/12															
EC:WRIT	0	EXTERNAL*	5/19		5/19		5/32		5/36		5/43		5/46							
EMPTY	6		2/42	D	6/07		6/07		6/08		6/12		6/19		6/13		6/16			
ENDMARK	521		6/43		7/02	L														
ENTER	71		2/26		4/11	L														
FILCL	3		2/29	D	6/08		6/13		6/14											
FLOLEN	601		2/26		2/26		7/28	L												
FRET	55		3/06	L	4/12		5/09		5/19		5/32		5/36		5/43		5/44			
GF:DU\$F	0	EXTERNAL*	5/27		5/36		5/37		7/08											
GF:DU\$L	0	EXTERNAL*	5/28																	
GF:KSHF	0	EXTERNAL*	5/40																	
GF:KSHL	0	EXTERNAL*	5/41																	
GF:IO\$F	0	EXTERNAL*	5/36																	
GF:IO\$L	0	EXTERNAL*	5/37																	
GF:SUS\$F	0	EXTERNAL*	5/14		5/19															
GF:SUS\$L	0	EXTERNAL*	5/15																	
HASHNULL	523		5/43		7/05	L														
IO\$NULL	524		5/39		7/06	L														
IP\$LIST	55		3/04	L	4/06															
IP\$LIST	55		4/06	D	5/09	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/09	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/09	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/09	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/09	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/09	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/09	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/19	S	5/22		5/43		6/12		6/21		6/26		6/30		6/35	
			4/12	S	5/1															

LOOP2	147	5/17	L	5/22									
LOOP3	177	5/30	L	5/34									
LOOP4	234	5/42	L	5/44									
LOOP5	260	6/06	L	6/09									
L:CLIST	10	2/26		2/43	D								
L:LMAP	2	2/25		2/31	D								
MAINCL	2	2/28	D	4/20		5/24	5/43	6/22	6/25	6/28	6/37		
		4/19		5/09		5/32	6/16	6/23	6/26	6/29	6/36		
		4/19		5/19		5/37	6/21	6/24	6/27	6/30			
MAP X	2	2/26	D	2/30		2/30	2/31	2/31					
		2/30		2/30	D	2/31	2/31	2/31	D				
MARKER	522	7/02		7/03	L								
MASTOAR	530	5/36		7/13	L								
MASTPTR	526	5/46		7/08	L								
MYCOOF	0	2/36	D	4/12									
M.AODS	0	EXTERNAL*		5/37									
M.AODSK	0	EXTERNAL*		6/24									
M.AGUSP	0	EXTERNAL*		5/24									
M.OARL	0	EXTERNAL*		6/22									
M.OOSCT	0	EXTERNAL*		6/30									
M.OESTL	0	EXTERNAL*		6/29									
M.FOLEV	0	EXTERNAL*		6/16									
M.FDISK	0	EXTERNAL*		6/25									
M.FHRL	0	EXTERNAL*		6/21									
M.GFILE	0	EXTERNAL*		5/09	5/19	5/32	5/43						
M.HASHL	0	EXTERNAL*		6/23									
M.HFLD	0	EXTERNAL*											
M.IOCIR	0	EXTERNAL*		6/32									
M.LOCKS	0	EXTERNAL*											
M.MSTAB	0	EXTERNAL*		4/19									
M.METRY	0	EXTERNAL*											
M.SODISK	0	EXTERNAL*		6/26									
M.SFOS	0	EXTERNAL*		4/20									
M.SWAB	0	EXTERNAL*		4/19									
M.UNAME	0	EXTERNAL*		6/27									
M.USCTR	0	EXTERNAL*		6/28									
M.WRKS P	0	EXTERNAL*		6/26									
NFILES	510	EXTERNAL*		6/24	6/14								
NLOCKS	0	EXTERNAL*											
NRECS	3720	EXTERNAL*		6/30									
NSWAP1	527	EXTERNAL*		4/17	7/16	L							
NWRKS	600	EXTERNAL*		6/24	7/25	L							
N.FXDISK	226000	EXTERNAL*		7/16									
OPERCL	1	EXTERNAL*		2/37	4/06	D							
OP:II:CL	1	EXTERNAL*		4/26	4/21	D	5/31	5/45	6/12	6/21	6/25	6/29	
		EXTERNAL*		4/11	5/08		5/35	6/06	6/13	6/22	6/26	6/31	
		EXTERNAL*		4/18	5/18		5/36	6/07	6/15	6/23	6/27	6/35	
		EXTERNAL*		4/19	5/23		5/42	6/11	6/20	6/24	6/28	6/44	
RECORD	61	EXTERNAL*		3/13	5/30	S	5/32						
RESPCL	5	EXTERNAL*		2/41		D							
RO	1	EXTERNAL*		2/31		D							
ROF	71	EXTERNAL*		2/31	2/31		4/01						
ROL	601	EXTERNAL*		2/31	7/26	L							

DISK2.. INNITIALIZE DISK DATA (EXCEPT ALLOCATION)
SYMBOLIC REFERENCE TABLE.

COMPASS - VER 2.

11/05/71 00.48.46.

PAGE 10

RW	0	2/30	D					
RWF	0	2/19	L	2/30	2/30	4/12	4/12	4/12
RWL	71	2/30		3/16	L	4/12		
SLDCL	4	2/40	D					
SYSERR	56	3/18	L	5/37	6/22	6/25	6/28	6/32
		4/22		6/16	6/23	6/26	6/29	6/36
		5/24		6/21	6/24	6/27	6/30	
WRKLOOP	501	6/35	L	6/37				

