

ADDRESS LENGTH BINARY CONTROL CARDS.

0 0 IDENT DISK1
0 END

ENTRY POINTS.

RW	-	0	MYCODE	-	3	MAINCL	-	7	RESPCL	-	14
RO	-	1	OPERCL	-	4	DSKFIL	-	10	EMPTY	-	15
READC	-	0	INTFIL	-	5	FILCL	-	11	DLCAP	-	16
ALLOC	-	1	CTEMP	-	6	SCRCL	-	12	BKPTVC	-	17
MAST	-	2	RCAPS	-	7	SLPCL	-	13			

EXTERNAL SYMBOLS.

GF.LEN	M.BFILE	M.DDREQ	M.LOCKS	M.HELP	EC:CBLK	EC:CRAB	EC:READ
L.MNCL	M.HFILE	M.DDRSP	NLOCKS	M.RETRY	EC:CFIL	EC:MCCA	
M.SECs	M.GFILE	M.SLOTS	M.SWAB	EC:RPAR	EC:CIN	EC:COU	
M.ACRES	M.DFILT	M.RBUFS	M.10SEC	EC:CCLS	EC:DSCP	EC:CEVC	
M.ACREQ	M.MSTAB	M.WBUFS	M.CLTIM	EC:MVSP	EC:SEV	EC:CCL	


```
* CLIST DESCRIPTION
*
*****
24 02050104000000000000 BEADC CAP BEAU
*****
25 11570114141703000000 ALLOC CAP I.ALLOC
26 11571501232405220000 MAST CAP I.MASTER MASTER CLIST
27 03065704112313340000 MYCODE CAP CF.DISK1
30 03145717200522230000 OPERCL CAP CL.OPERs
31 INTFIL CAPHSS 1
32 CTEMP CAPHSS 1
*
RCAPS CAPHSS 0 START OF RETURN PARAMETERS
33 MAINCL CAPR CL.MAIN DISK SYSTEM MAIN CLIST
34 DSKFIL CAPR CL.DSKFILE DISK FILE TYPE AUTHORIZATION
35 FILCL CAPR CL.FILES ECS-INCARNATIONS CLIST
36 SCRCL CAPR CL.SCRFILS SCRATCH FILE C-LIST
37 SLPCL CAPR CL.SLEEP SLEEP-EVENT-CHANNELS CLIST
40 RESPCl CAPR CL.RESP RESPONSE-EVENT-CHANNELS CLIST
41 EMPTY CAPR CC.EMPTY
*****
42 DLCAP CAPR 8.DSKLOCK
43 RKPTVC CAPR EC.BKPTNUM
*****
44 77777777777777777777 CAPEND
*
*
*
45 DSKORJS BSSZ 1 CLIST INDEX OF 1ST DISK DRIVER OBJECT
*
46 GSHAPE BSS 0 GLOBAL FILE SHAPE
46 00000000000000000000 X VFD 64/UF.LEN
*
47 HSHAPE BSS 0 HOLDING-BLOCK FILE SHAPES
47 0000000000000000000075 VFD 64/NPROCS,60/128
50 00000000000000000000200
51 00000000000000000000075 VFD 64/NPROCS,60/256
52 00000000000000000000400
53 00000000000000000000075 VFD 64/NPROCS,60/512
54 000000000000000000001000
*
55 DSKFILE BSS 1 DISK FILE TYPE
*
56 IPLIST BSSZ 2
*
*****
102 DIPECT BSSZ 4
106 04231314170313000000 DSKLOCK DATA 0L.DSKLOCK
107 17200522012405000000 OPERATE DATA 0L.OPERATE
110 0000000000000000000000 CALLBEAD VFD 60/BEADC
*****
111 SYSERR BSSZ 1
```

ACCTAB CAPR AB.ACCTP

112 0000000000

PS

113

RWL

BSS

0

```

113      R0F      BSS      0
*
*
113      SYSCALL  XTEXT
*
*          MACSET      OPERCL,IPLIST,ECS
*
* ENTER HERE
*
113  7160000004  ENTER      READ      MYCODE,RWF,RWF,RWL-RWF,FRET
*
* CREATE DISK SYSTEM MAIN CLIST
*
124  7160000004  CRCLIST  ALLUC,MAINCL,L,MNCL
*
*
* CREATE LOCK EVENT CHANNELS
*
133  6110777776 X      SBI      MLOCKS=1
134  7160000004  LOOP0    CREVCH  ALLUC,CTEMP,2      LOCK HOLDS 1 EVENT * YOU=LOSE
143  7160000004      CAPOUT  MAINCL,BI,M,LOCKS,CTEMP
152  6111777776      SBI      BI=1
0610000134      PL      BI,LOOP0
*
* GET NEW TYPE FOR DISK FILES
*
153  7160000004      GETCCA  DSKFIL      GET CAPAB-CREATING AUTH
160  7160000004      CAPOUT  MAINCL,M,DFILT,DSKFIL
*
*
*
* CREATE SWAPPED-ECS ALLOCATION BLOCK
*
167  7160000004      CRALBLK  ALLUC,CTEMP
175  7160000004      CAPOUT  MAINCL,M,SWAB,CTEMP
*
*
204  7160000004      CAPOUT  MAINCL,M,MSTAB,ALLOC      CAP FOR MASTER ALLOC BLK
*

```

*
* CREATE ACCTP FIXED ECS ALLOC BLK

*
CRALBLK ALLOC, ACCTPAB
MVSPACE ALLOC, ACCTPAB, ACFXECS

ACFXECS EQU NACCTS *

?

213	7160000004		CREVCH	ALLOC,BKPTVC,2	
222	7160000004		SENDEV	BKPTVC,0	INITIALIZE DYNAMIC BKPT COUNTER

*

232	7160000004		DISPCAP	BEAUC	
237	0316000257		NZ	X6,TESTING	
		7160000004	CREVCH	ALLOC,DLCAP,2	
246	7160000004		SENDEV	DLCAP,B0	FAKE LOCK EVENT
256	0200000266		JP	FIND	

*

*

257	5110000106	TESTING	SA1	DSKLOCK	
			SA2	OPERATE	
260	6110000102		SB1	DIRECT	
		6170000016	SB7	DLCAP	
261	66600		SB6	B0	
262	01300001100000000000		XJ	CALLHEAD GET DISK LOCK FROM READ	
263	6110000102		SB1	DIRECT	
		6170000016	SB7	DLCAP	
264	6160000001		SB6	1	
265	01300001100000000000		XJ	CALLHEAD RELEASE DISK LOCK	

```

*
* FIND CAPS FOR DISK DRIVER OBJECTS AND MOVE TO MAIN CLIST
*
266 7160000004 FIND CAPIN MAST,2,INTFIL GRAB INTERRUPT INFO FILE
275 7160000004 READ INTFIL,2,DSKOBJ,1,FRET
306 5110000045 SA1 DSKOBJ CLIST INDEX OF FIRST OBJECT
        66100
        66200
        66300
307 6130000001 SB3 N6638S LIMIT ON R1
310 7160000004 LOOP1 CAPIN MAST,X1,CTEMP BUFFER FILE
317 7160000004 CAPOUT MAINCL,B1+M,BFILE,*
325 7160000004 CAPIN MAST,X1+1,* REQUEST CHANNEL
333 7160000004 CAPOUT MAINCL,B1+M,DDREQ,*
*
341 7160000004 CAPIN MAST,X1+2,* RESPONSE CHANNEL
347 7160000004 CAPOUT MAINCL,B1+M,DDRSP,*
*
355 7160000004 CAPIN MAST,X1+3,* READ BUFFER CHANNELS
363 7160000004 CAPOUT MAINCL,B2+M,RBUFS,*
371 7160000004 CAPIN MAST,X1+4,*
377 7160000004 CAPOUT MAINCL,B2+M,RBUFS+1,*
405 7160000004 CAPIN MAST,X1+5,*
413 7160000004 CAPOUT MAINCL,B2+M,RBUFS+2,*
421 7160000004 CAPIN MAST,X1+6,*
427 7160000004 CAPOUT MAINCL,B2+M,RBUFS+3,*
*
435 7160000004 CAPIN MAST,X1+7,* WRITE BUFFER CHANNELS
443 7160000004 CAPOUT MAINCL,B2+M,WBUFS,*
451 7160000004 CAPIN MAST,X1+8,*
457 7160000004 CAPOUT MAINCL,B2+M,WBUFS+1,*
465 7160000004 CAPIN MAST,X1+9,*
473 7160000004 CAPOUT MAINCL,B2+M,WBUFS+2,*
501 7160000004 CAPIN MAST,X1+10,*
507 7160000004 CAPOUT MAINCL,B2+M,WBUFS+3,*
*
515 7160000004 CAPIN MAST,X1+11,* REQUEST SLOT CHANNEL
523 7160000004 CAPOUT MAINCL,B1+M,SLOTS,*
*
531 7211000014 SX1 X1+12 MOVE TO NEXT UNIT'S OBJECTS
        6111000001 SB1 R1+1 INCR SINGLE-OBJECT INDEX
532 6122000004 SB2 R2+4 INCR GROUP-OF-FOUR (BUFFERS) INDEX
        0713000310 LT R1,B3,LOOP1 LOOP TO DO ALL 6638 UNITS
*
* GET CLAIM QUEUE TIMER EVENT CHANNEL
*
* 0 = 1/10 SEC
* 1 = 1 SEC
* 2 = 10 SEC
* 3 = 1 MIN
* 4 = 10 MIN
* 5 = 1 HR
3 TIME EQU 3 TRY ONE MIN
*

```

533 7160000004
 544 5110000045 7211000003
 545 7160000004
 554 7160000004

READ INTFIL,4,DSK0BJS,1,FRET
 SA1 DSK0BJS
 SX1 X1+TIME
 CAPIN MASI,X1,CTEMP
 CAPOUT MAINCL,M,CLTIM,0

*
 * GET 10 SECOND CHANNEL FOR INESTIMABLE KLUDGE
 *

562 5110000045 7211000002
 563 7160000004
 572 7160000004

SA1 DSK0BJS
 SX1 X1+2 INDEX OF 10 SECOND CHANNEL
 CAPIN MASI,X1,CTEMP
 CAPOUT MAINCL,M,10SEC,0

*
 *
 *
 *
 * CREATE DISK SYSTEM GLOBAL FILE (UDS, IOT, SUSPENSE WORDS)
 *

600 7160000004
 610 7160000004
 616 7160000004

CRFILE ALLOC,CTEMP,1,0SHAPE
 CRBLK CTEMP,0
 CAPOUT MAINCL,M,GFILE,CTEMP

*
 *
 * CREATE THREE HOLDING-BLOCK FILES (ONE EACH FOR 128,256,512 WD DATABLOCKS)
 *

625 7160000004
 637 7160000004 1000

MINECS
 MVSPACE (MAINCL,M,MSTAB),(MAINCL,M,SWAB),MINECS
 SENDEV (MAINCL,M,SECS),MINECS
 EQU 1000B

650 6110000002
 651 7111000047 73111
 652 7160000004
 663 7160000004
 672 6111777776 06100000651

LOOP2
 SB1 2
 SX1 B1+MSHAPE
 SX1 X1+B1
 CRFILE (MAINCL,M,SWAB),CTEMP,2,X1
 CAPOUT MAINCL,B1+M,HFILE,CTEMP
 SB1 B1-1
 PL B1+LOOP2

*
 *
 * CREATE FILES-CLIST
 *

673 7160000004

CRCLIST ALLOC,FILCL,NFILES

*
 * CREATE CLASS CODE FOR EMPTY IN FILES CLIST
 *

702 7160000004

CRCLCD EMPTY

*
 * CREATE SCRATCH FILES C-LIST
 *

707 7160000004

CRCLIST ALLOC,SCRCL,NPROCS

*
 *
 * CREATE SLEEP-EVENT-CHANNEL CLIST
 *

716 7160000004

CRCLIST ALLUC,SLPCL,NPROCS

*

*

* CREATE SLEEP-EVENT-CHANNELS AND PUT IN SLEEP-CLIST

*

725 6110000074

SBI NPROCS=1

726 7160000004

LOOP3 CREVCH ALLUC,CTEMP,2

MAKE CHANNEL

735 7160000004

CAPOUT SLPCL,B1,CTEMP

PUT IN SLEEP-CLIST

744 6111777776

SBI R1=1

0610000726

PL R1,LOOP3

*

* CREATE RESPONSE-EVENT-CHANNELS CLIST

*

745 7160000004

CRCLIST ALLUC,RESPCL,NPROCS

*

* CREATE RESPONSE-EVENT-CHANNELS

*

754 6110000074

SBI NPROCS=1

755 7160000004

LOOP3A CREVCH ALLUC,CTEMP,EVCHSZ

764 7160000004

CAPOUT RESPCL,B1,CTEMP

773 6111777776

SBI R1=1

0610000755

PL R1,LOOP3A

*

* CREATE WRITE-RETRY EVENT CHANNELS

*

774 6110000000

SBI N6638S=1

775 7160000004

LOOP3B CREVCH ALLUC,CTEMP,NSLOTS

1004 7160000004

CAPOUT MAINCL,B1,M.RETRY,CTEMP

1013 6111777776

SBI R1=1

0610000775

PL R1,LOOP3B

*

* CREATE HELPER RESERVATION EVENT CHANNEL

*

1014 7160000004

CREVCH ALLUC,CTEMP,NCLSR5+1

1023 7160000004

CAPOUT MAINCL,M.HELP,CTEMP

*

* CREATE ACCOUNTANT RESERVATION CHANNEL

*

1032 7160000004

CREVCH ALLUC,CTEMP,NACCTS+1

1041 7160000004

CAPOUT MAINCL,M.ACRES,CTEMP

*

* CREATE ACCOUNTANT REQUEST CHANNEL

*

1050 7160000004

CREVCH ALLUC,CTEMP,NACCTS+1

1057 7160000004

CAPOUT MAINCL,M.ACREQ,CTEMP

*

*

* RETURN WITH PARAMETERS TO ADD TO INITIALIZATION DIRECTORY

*

1066 5110001075

SA1 DSPEC

SPECIFY DATA PARAMETERS

5120001076

SA2 CSPEC

SPECIFY CAPABILITY PARAMETERS

1067 7160000004

RETPAR (,X1),(,X2)

RETURN WITH PARAMETERS

*

** create WORKSPACE Res Chan*
CREVCH ALLUC,CTEMP,20
CAPOUT MAINCL,M.WRKSP,CTEMP

```
* DATA INVOLVED WITH RETURN PARAMETERS
*
1075 00000000120000001077 12 NDATS EQU RPARMX+1 NO. OF DATA (INCL END MARKER)
DSPEC VFD 30/NDATS,30/RNAMES DATA SPECIFICATION
*
1076 00000000110000000007 11 NCAPS EQU RPARMX NO. OF CAPS
CSPEC VFD 30/NCAPS,30/RCAPS CAPABILITY SPECIFICATION
*
1077 RNAMES BSS 0 LIST OF NAMES
HERE
1110 00000000500000005000 DATA 0 END MARKER
*
1111 000000000000 FRET PS
*
1112 ROL BSS 0 END OF READ-ONLY AREA
*
1112 FLDLEN BSS 0
*
END
```

42307

STORAGE USED
6600 ASSEMBLY2863 STATEMENTS
16.447 SECONDS183 SYMBOLS
803 REFERENCES

000003 INVENTED SYMBOLS

CREATE GLOBAL DISK SYSTEM OBJECTS
SYMBOLIC REFERENCE TABLE.

COMPASS - VER 2.

04/13/71 22.12.49.

PAGE 11

ALLOC	1		3/7 D	5/36	6/09	8/50	9/15	9/35		
			5/15	5/39	8/19	9/02	9/20	9/40		
			5/21	6/04	8/42	9/08	9/28	9/45		
READC	0		3/05 D	3/51	6/07					
RKPTEVC	17		3/24 D	6/04	6/05					
CALLREAD	110		3/51 L	6/18	6/22					
CAPX	20		2/47 D	3/08	3/10 D	3/12	3/16	3/18 D	3/20	3/24
			3/05	3/08 D	3/10	3/13	3/16 D	3/18	3/21	3/24 D
			3/05 D	3/08	3/11	3/13 D	3/16	3/19	3/21 D	3/24
			3/05	3/09	3/11 D	3/13	3/17	3/19 D	3/21	3/25
			3/07	3/09 D	3/11	3/15	3/17 D	3/19	3/23	
			3/07 D	3/09	3/12	3/15 D	3/17	3/20	3/23 D	
			3/07	3/10	3/12 D	3/15	3/18	3/20 D	3/23	
CSPEC	1076		9/51	10/07 L						
CTEMP	6		3/12 D	5/37	8/19	8/35	9/21	9/36	9/46	
			5/21	7/11	8/20	9/08	9/28	9/40		
			5/22	8/05	8/21	9/09	9/29	9/41		
			5/36	8/12	8/34	9/20	9/35	9/45		
DIRECT	102		3/48 L	6/15	8/19					
DLCAP	16		3/23 D	6/09	6/10	6/16	6/20			
DSKFIL	10		3/16 D	5/28	5/29					
DSKFILE	55		3/43 L							
DSKLOCK	106		3/49 L	6/13						
DSKORJS	45		3/30 L	7/06	7/06	8/02	8/02	8/09		
DSPEC	1075		9/50	10/04 L						
ECICBLK	0	EXTERNAL*	8/20							
ECICCL	0	EXTERNAL*	5/15	8/42	8/50	9/02	9/15			
ECICCLS	0	EXTERNAL*	8/46							
ECICEVC	0	EXTERNAL*	5/21	6/09	9/20	9/35	9/45			
			6/04	9/08	9/28	9/40				
ECICFIL	0	EXTERNAL*	8/19	8/34						
ECICIN	0	EXTERNAL*	7/05	7/13	7/19	7/23	7/28	7/32	7/37	8/12
			7/11	7/16	7/21	7/25	7/30	7/34	8/05	
ECICOUT	0	EXTERNAL*	5/22	7/12	7/22	7/31	8/06	9/09	9/41	
			5/29	7/14	7/24	7/33	8/13	9/21	9/46	
			5/37	7/17	7/26	7/35	8/21	9/29		
			5/39	7/20	7/29	7/38	8/35	9/36		
ECICRAB	0	EXTERNAL*	5/36							
ECIDSCP	0	EXTERNAL*	6/07							
ECIMCCA	0	EXTERNAL*	5/28							
ECIMVSP	0	EXTERNAL*	8/27							
ECIREAD	0	EXTERNAL*	5/11	7/06	8/02					
ECIRPAR	0	EXTERNAL*	9/53							
ECISEV	0	EXTERNAL*	6/05	6/10	8/28					
EMPTY	15		3/21 D	8/46						
ENTER	113		2/47	5/10 L						
EVCHSZ	10		9/20							
FILCL	11		3/17 D	8/42						
FIND	266		6/10	7/04 L						
FLDLN	1112		2/47	2/47	10/18 L					
FRET	1111		5/11	7/06	8/02	10/14 L				
GF.LEN	0	EXTERNAL*	3/33							
GSHAPE	46		3/32 L	8/19						

COMPASS - VER 2. 04/13/71 22.12.49. PAGE 12

[illegible]

CREATE GLOBAL DISK SYSTEM OBJECTS
SYMBOLIC REFERENCE TABLE.

COMPASS - VER 2.

04/13/71 22.12.50.

PAGE 13

MAINCL	7		3/15 D	5/37	7/17	7/26	7/35	8/21	8/34	9/41
			5/15	5/39	7/20	7/29	7/38	8/27	8/35	9/46
			5/22	7/12	7/22	7/31	8/06	8/27	9/29	
			5/29	7/14	7/24	7/33	8/13	8/28	9/36	
MAPX	2		2/47 D	2/51	2/51	2/52	2/52			
			2/51	2/51 D	2/52	2/52 D				
MAST	2		3/08 D	7/11	7/16	7/21	7/25	7/30	7/34	8/05
			7/05	7/13	7/19	7/23	7/28	7/32	7/37	8/12
MINECS	1000		8/27	8/28	8/28 D					
MYCODE	3		3/29 D	5/11						
M.ACREQ	0	EXTERNAL*	9/46							
M.ACRES	0	EXTERNAL*	9/41							
M.BFILE	0	EXTERNAL*	7/12							
M.CLTIM	0	EXTERNAL*	8/06							
M.DDREQ	0	EXTERNAL*	7/14							
M.DDRSP	0	EXTERNAL*	7/17							
M.DFILT	0	EXTERNAL*	5/29							
M.GFILE	0	EXTERNAL*	8/21							
M.HELP	0	EXTERNAL*	9/36							
M.HFILE	0	EXTERNAL*	8/35							
M.LOCKS	0	EXTERNAL*	5/22							
M.MSTAR	0	EXTERNAL*	5/39	8/27						
M.RRUF5	0	EXTERNAL*	7/20	7/22	7/24	7/26				
M.RETRY	0	EXTERNAL*	9/29							
M.SEC5	0	EXTERNAL*	8/28							
M.SLOTS	0	EXTERNAL*	7/38							
M.SWAB	0	EXTERNAL*	5/37	8/27	8/34					
M.WRUF5	0	EXTERNAL*	7/29	7/31	7/33	7/35				
M.IOSEC	0	EXTERNAL*	8/13							
NACCTS	1		9/43	9/45						
NCAPS	11		10/06 D	10/07						
NCLSR5	5		9/35							
NDATS	12		10/03 D	10/04						
NFILES	310		8/42							
NLOCKS	0	EXTERNAL*	5/19							
NPROCS	75		3/36	3/38	3/40	8/50	9/02	9/06	9/15	9/18
NSLOTS	400		9/28							
N66385	1		7/09	9/26						
OPERATE	107		3/50 L	6/14						
OPERCL	4		3/10 D	5/06						
OP:::ICL	4		5/06 D	5/38	7/11	7/22	7/32	8/12	8/45	9/28
			5/10	6/03	7/12	7/23	7/33	8/18	8/49	9/34
			5/14	6/04	7/13	7/24	7/34	8/19	9/01	9/35
			5/20	6/06	7/15	7/25	7/36	8/20	9/07	9/39
			5/21	6/08	7/16	7/27	7/37	8/26	9/08	9/40
			5/27	6/09	7/18	7/28	8/01	8/27	9/14	9/44
			5/28	7/04	7/19	7/29	8/04	8/33	9/19	9/45
			5/35	7/05	7/20	7/30	8/05	8/34	9/20	9/52
			5/36	7/10	7/21	7/31	8/11	8/41	9/27	
RCAPS	7		3/13 D	10/07						
RESPCL	14		3/20 D	9/15	9/21					
RNAMES	1077		10/04	10/09 L						
RO	1		2/52 D							

CREATE GLOBAL DISK SYSTEM OBJECTS
SYMBOLIC REFERENCE TABLE.

COMPASS - VER 2.

04/13/71 22.12.50.

PAGE 14

ROF	113	2/52	2/52	5/01 L				
ROL	1112	2/52	10/16 L					
RPARMX	11	2/18 D	3/16 D	3/17	3/19 D	3/20	3/23 D	3/24
		3/15 D	3/16	3/18 D	3/19	3/21 D	3/23	10/03
		3/15	3/17 D	3/18	3/20 D	3/21	3/24 D	10/06
RW	0	2/51 D						
RWF	0	2/37 L	2/51	2/51	5/11	5/11	5/11	
RWL	113	2/51	4/03 L	5/11				
SCRCL	12	3/18 D	8/50					
SLPCL	13	3/19 D	9/02	9/09				
SYSERR	111	3/53 L	6/05	6/10	8/28			
TESTING	257	6/07	6/13 L					
TIME	3	7/52 D	8/03					

22.12.15. 04/13/71 TSS SCOPE 3.0
22.12.16.CPU = 000 SEC : CM = 014000
22.12.20.GET,DISK1,DISKSYS
22.12.21.FILE,XTEXT
22.12.21.RFL,50000
22.12.22.CPU = 000 SEC : CM = 050000
22.12.22.TEXT,OUTPUT
22.12.22.GET,SYSSURP,MACROS,,R0
22.12.22.GET,MACROS,DISKSYS,,R0
22.12.22.GET,SYMBOLS,DISKSYS,,R0
22.12.22.GET,PARAMS,DISKSYS,,R0
22.12.22.GET,DSKOPS.OPERS,,R0
22.12.22.GET,OBBITS,DISKSYS,,R0
22.12.23.GET,TYPES,DISKSYS,,R0
22.12.23.GET,ERRORS,DISKSYS,,R0
22.12.23.GET,DSKOPR,DISKSYS,,R0
22.12.23.GET,SYSCALL,MACROS,,R0
22.12.27.NOMPASS,I=DISK1,S=0
22.12.27.ASSEMBLING DISK1
22.12.44.ASSEMBLING DISK1
22.12.50. ASSEMBLY COMPLETE.
22.12.52.END
22.12.54.FIN
22.12.54.CPU TIME: 017.565 SECONDS
22.12.54.SYS TIME: 004.516 SECONDS
22.12.54.SYSTEXT : 614 LINES

13.05. 04/13/71 TSS SCOPE 3.0
13.08.CPU = 000 SEC : CM = 014000
13.22.FILE.UPDATE
13.22.REL,20000
13.22.CPU = 000 SEC : CM = 020000
13.23.TEXT,OUTPUT
13.23.GET,BINARY.DISKSYS
13.23.REWIND,LGO
13.23.END
13.23.REWIND,BINARY
13.23.END
13.23.REWIND,TBIN
13.24.END
13.24.COPYL,BINARY,LGO,TBIN
13.24. DISK1 UPDATED
13.29.COPYL DONE
13.29.END
13.29.REWIND,TBIN
13.29.END
13.30.REWIND,BINARY
13.30.END
13.30.COPYF,TBIN,BINARY
13.34.END
13.34.REWIND,LGO
13.34.END
13.38.FIN
13.38.CPU TIME: 000.977 SECONDS
13.38.SYS TIME: 010.391 SECONDS
13.38.SYSTXT : 028 LINES

END OF FILE

[illegible]