

ADDRESS	LENGTH	BINARY CONTROL CARDS.	
0	124	IDENT	USERIO
124		END	

EXTERNAL SYMBOLS.

IPLIST	D.ENTRY	HENTRY	IOTIPL	WRITCAP	M.DDREQ	EC:MMRW
OPERCL	SYSERR	HOLDBLK	IOTBUF	MAINCL	M.SLOTS	EC:SEV
BLDREQ	FR.NAME	MYRESP	GF.IOTF	M.BFILE	EC:ZRM	EC:GEVH
KLUDGE	FHRADDR	MYSUBP	GF.TOTL	M.HFILE	EC:WRIT	

	IDENT	USERIO
0	PARAMS	XTEXT
0	MACROS	XTEXT
0	SYSCALL	XTEXT
*		
*	EXT	IPLIST, OPERCL
*		
	EXT	BLDREQ, KLUDGE
	EXT	D.ENTRY, SYSERR
	EXT	FR.NAME
	EXT	FHRADDR, HENTRY, HOLDBLK, MYRESP, MYSUBP
	EXT	IOTIPL, IOTBUF, GF, IOTF, GF, IOTL, WRITCAP
	EXT	MAINCL, M.BFILE, M.HFILE, M.DDREQ, M.SLOTS
*		
	MACSET	OPERCL, IPLIST, ECS

```
*  
* MACRO FOR USE IN TEMPORARY KLUDGE TO COEXIST WITH DISK.S  
*  
LOCKOUT  MACRO  
          LOCAL      RETURN  
          S86        RETURN  
          JP         KLUDGE  
RETURN   BSS         0  
          ENDM
```

```

*
* HBR..START HEADER BLOCK READ AND WAIT FOR COMPLETION
*
* ON ENTRY..FHR IN AND LOCKED
*           B7 = RETURN
*
* ON EXIT..X6 = 0 IF OK
*           -1 IF I/O ERROR
*           -2 IF MEMBERSHIP MISMATCH
*
* Uses..X2 THRU X7, B4 THRU B7
*           TEMPA,TEMPB

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0 5120000000 X HBR SA2 FR.NAME DISK ADDR/UNIQUE NAME
   43647 CONCHECK X2,HBR2 BAD DISK ADDRESS = I/O ERROR
4 0100000000 X BXPT HBR ***** BREAKPOINT *****
6 43347 BX3 60-21
   15323 BX3 -X3*X2 DISK ADDR
   21321 BX3 17
   63230 SB5 X3 UNIT NUMBER
7 6150000001 SB5 M6638S
   0625000000 GM B2:B5,HBR2 BAD UNIT NUMBER = I/O ERROR
10 6160000001 * LOCKOUT *** TEMPORARY ***
11 7160000000 X GM EVH (MAINCL,B2+M.SLOTS) GET DISK DRIVER REQUEST SLOT
17 10477 BX4 X7 SAVE SLOT INDEX
   7160000001 SX6 B.HBR IOT REQ TYPE = HEADER BLOCK READ
20 5160000000 X SA6 IOTBUF
   5150000000 X SA3 FHRAADR
21 20522 FX5 18
   10555 BX6 X5
   5160000001 X SA6 IOTBUF+1
22 76720 SX7 B2
   20711 FX7 0 IOT ADDR = (UNIT NUMBER * 2**9
   12774 BX7 X7+X4 + SLOT INDEX) * 2
   20701 FX7 1
23 7160000000 X RIOT X7,IOTBUF PLACE ENTRY IN IOT
35 10522 SX0 X2
   21530 AX0 24
   43372 FX3 60-2 BLOCK SIZE CODE
   15553 BX5 -X3*X5 BUFFER INDEX = 0 (READ)
36 13300 BX3 X0=X0 SET WAKEUP FLAG
   6150000001 SB5 1
37 6160000040 * SB6 HBR1
   0200000000 X LP BLDREQ
40 7160000000 X HBR1 SENDV (MAINCL,B2+M.ODREQ) * (,X4)
51 7160000000 X GETEVH MYRESP
56 73670 SX6 X7
   0270000000 LP B7 RETURN
57 7160777776 HBR2 SX6 -1 INDICATE I/O ERROR
   0270000000 LP B7

```

*deleted
over*

*60-17
-X3*X2
12
X3-24
X3, HBR2*

SA7 TEMP4

*
* LOADBUF..COPIES FILEBLOCK FROM HOLDING FILE TO DISK BUFFER VIA MAP.
* USED BY: LOCAL DBW AS SUBROUTINE
* RETURN DBW VIA DO.LBUF SUBPROCESS CALL
*

ON ENTRY: B2 = UNIT NUMBER
B4 = BLOCK SIZE CODE
B6 = RETURN LINK
X1 = BUFFER FILE ADDR OF BUFFER
X3 = HOLDING ADDRESS

60 5154000120 +
7160000000 X
74 7160000000 X
106 7160000000 X
116 0260000000

LOADBUF SAS B4+BSIZES
INMAPRW MYSUBP,HENTRY,(MAINCL,B4+M,HFILE-1),(X3),HOLDBLK,X5
WRITE (MAINCL,B2+M,BFILE)*X1+1,HOLDBLK,X5,FRET
ZRMAP MYSUBP,HENTRY,(MAINCL,B4+M,HFILE-1)
JP B6 RETURN

*replace w/
DIRTYB (see page 10)*

117 0100000000 X

*
FRET RJ SYSERR

120 000000000000000000100

*
BSIZES DATA 64,128,256,512

124

*
END

42036

STORAGE USED
6600 ASSEMBLY

408 STATEMENTS
7.366 SECONDS

84 SYMBOLS
96 REFERENCES

00005 INVENTED SYMBOLS

