

ADDRESS LENGTH BINARY CONTROL CARDS.

0 133 IDENT CONSTS
133 END

ENTRY POINTS.

SOB.IA	-	130	SHUTWIN	-	16	WRNEWAK	-	45	DSPSUCC	-	76
SOB.ACC	-	131	LETGO	-	22	OPCTRS	-	52	DSPDYNT	-	100
SOB.DST	-	132	CLOSDIR	-	24	LKCTRS	-	54	LOCKDNT	-	102
DSPCLKS	-	0	CLOSDF	-	26	PCCTRS	-	56	DNTINRO	-	104
SAVE	-	2	DISPKEY	-	30	ULCTRS	-	60	DNTINRW	-	113
OPENRO	-	4	RESTORE	-	32	OLCTRS	-	62	DNTOUT	-	122
OPENRW	-	6	ERRSAVE	-	34	MOVSCNL	-	64	UNLKDNT	-	126
LOCKRO	-	10	RESTERR	-	36	DISPOBJ	-	70			
LOCKRW	-	12	RESETESM	-	40	DISDIR2	-	72			
DSPDCAP	-	14	LOCKAK	-	43	DISKEY2	-	74			

EXTERNAL SYMBOLS.

CLKBUFF	I.ACKYN	FF.DNT	C.DOBJ	EC:GEVH	CL.DRCT	DF:SCLM
WINDOW	L.DNT	EC:MMRO	EC:MCAP	EC:ESML	CC.DIR	DF:OPRW
M.WIN	RETDATA	EC.DNT	DF:PCLS	EC:RSTR	DF:ZRM	DF:DRCT
XPACK	C.T1	C.DYNT	DF:CTRS	C.KEY	C.DIRCT	DF:OPRO
ERRPACK	EC:SEV	C.SUCCD	C.T2	DF:CLOS	EC:DSCP	EC:SAVE
C.SCAN	EC:ZRM	C.KEY2	DF:WRIT	DF:CLO	DF:ECLM	CL:OPS
CL.SCAN	EC:MMRW	C.DIR2	EC:AKN	DF:RLSE	EF.DRCT	EC:CLCK

		IDENT ENTRY	CONSTS	
			SOB.IA, SOB.ACC, SOB.DST	
		EXT	CLKBUFF, WINDOW, M.WIN, XPACK, ERRPACK, C.SCAN, CL.SCAN	
		EXT	I.ACKYN, L.DNT, RETDATA.C.TI	
0		SYSMAC	XTEXT	.. SYSTEM CALLING MACROS
		* OBBITS, XTEXT IS ALSO USED.		
0	4000000000 x	DSPCLKS	IP0	EC:CLCK
1	00000000000000000000 x		DI	CI:KBUFF
				.. DISPLAY CLOCKS INTO CLKBUFF
2	4000000000 x	SAVE	IP0	EC:SAVE
3	00000000000000000000 x		DI	XPACK
				.. SAVE THE REGISTERS
4	4000000000 x	OPENRO	IP0	DF:OPRO
5	00000000000000000000 x		CI	DF.DRCT
				.. OPEN THE DIRECTORY FOR READING
6	4000000000 x	OPENRW	IP0	DF:OPRW
7	00000000000000000000 x		CI	DF.DRCT
				.. OPEN THE DIRECTORY FOR WRITING
10	4000000000 x	LOCKRO	IP0	DF:ISCLM
11	00000000000000000000 x		CI	EF.DRCT
				.. MAKE A SHARED CLAIM
12	4000000000 x	LOCKRW	IP0	DF:IECLM
13	00000000000000000000 x		CI	EF.DRCT
				.. MAKE AN EXCLUSIVE CLAIM
14	4000000000 x	DSPDCAP	IP0	EC:DSCP
15	00000000000000000000 x		CI	C.DIRECT
				.. DISPLAY THE DIRECTORY CAPABILITY
16	4000000000 x	SHUTWIN	IP0	DF:ZRM
17	4000000000 x		CI	CL.DRCT, CC.DIR
20	00000000000000000000 x		DI	M.WIN
21	00000000000000000000 x		CI	EF.DRCT
				.. ZERO THE WINDOW MAP ENTRY
22	4000000000 x	LETGO	IP0	DF:IRLSE
23	00000000000000000000 x		CI	EF.DRCT
				.. RELEASE CLAIM ON DIRECTORY FILE
24	4000000000 x	CLOSDIR	IP0	DF:CLO
25	00000000000000000000 x		CI	EF.DRCT
				.. CLOSE THE DIRECTORY FILE
				.. (GIVE ECS INCARNATION OF FILE)
26	4000000000 x	CLOSDF	IP0	DF:CLOS
27	00000000000000000000 x		CI	DF.DRCT
				.. CLOSE DF.DRCT DIRECTLY
30	4000000000 x	DISPKEY	IP0	EC:DSCP
31	00000000000000000000 x		CI	C.KEY
				.. DISPLAY THE ACCESS KEY
32	4000000000 x	RESTORE	IP0	EC:IRSTR
33	00000000000000000000 x		DI	XPACK
				.. RESTORE THE REGISTERS
34	4000000000 x	ERRSAVE	IP0	EC:SAVE
35	00000000000000000000 x		DI	ERRPACK
				.. SAVE REGISTERS IN ERROR PACK

D. REGS

D. REGS

36	4000000000 x	RESTER	IP0	EC:RSTR	.. RESTORE REGISTERS FROM ERROR PACK
37	000000000000000000000000 x		D:	ERRPACK	
40	4000000000 x	RSETESM	IP0	EC:ESML	.. RESET ERROR SELECTION MASK
41	000000000000000000000042 +		D:	EDRMASK	
42	7777777777600000000000	ERRMASK	VFD	32/-0,28/0	.. ERROR SELECTION MASK
43	4000000000 x	LOCKAK	IP0	EC:GEVH	.. GET ACCESS-KEY-NUMBER EVENT
44	4000000000 x		C:	CI.DRCT,EC.AKN	.. FROM EVENT CHANNEL
45	4000000000 x	WRNEWAK	IP0	DF:WRIT	.. WRITE OUT NEW ACCESS-KEY NUMBER
46	000000000000000000000000 x		C:	C.T2	.. FILE (ECS INCARNATION OF DF.CTRS)
47	000000000000000000000000 x		D:	I.ACKYN	.. FILE ADDRESS
50	000000000000000000000000 x		D:	RETDATA	.. CM ADDRESS
51	000000000000000000000001		D:	1	.. WORD COUNT
52	4000000000 x	OPCTRS	IP0	DF:OPRW	.. OPEN DF.CTRS R/W
53	4000000000 x		C:	CI.DRCT,DF.CTRS	
54	4000000000 x	LKCTRS	IP0	DF:ECLM	.. MAKE EXCLUSIVE CLAIM ON (DF.CTRS)
55	000000000000000000000000 x		C:	C.T2	.. ECS INCARNATION CAP
56	4000000000 x	PCCTRS	IP0	DF:PCLS	.. PSFUDO-CLOSE (DF.CTRS)
57	4000000000 x		C:	CI.DRCT,DF.CTRS	
60	4000000000 x	ULCTRS	IP0	DF:IRLSE	.. RELEASE CLAIM ON (DF.CTRS)
61	000000000000000000000000 x		C:	C.T2	
62	4000000000 x	CLCTRS	IP0	DF:CLO	.. CLOSE (DF.CTRS)
63	000000000000000000000000 x		C:	C.T2	
64	4000000000 x	MOVSCNI	IP0	EC:IMCAP	.. MOVE C.SCAN TO C.T1
65	000000000000000000000000 x		D:	C.SCAN	
66	000000000000000000000000 x		D:	C.T1	
67	0000007777777777777777		D:	7777777777777777B	.. =18/0'42/-0
70	4000000000 x	DISPOBJ	IP0	EC:DSCP	.. DISPLAY A DISK OBJECT CAPABILITY
71	000000000000000000000000 x		C:	C.DOBJ	
72	4000000000 x	DISDIR2	IP0	EC:DSCP	.. DISPLAY THE SECOND DIRECTORY CAPABILITY
73	000000000000000000000000 x		C:	C.DIR2	
74	4000000000 x	DISKEY2	IP0	EC:DSCP	.. DISPLAY THE SECOND ACCESS-KEY CAPABILITY
75	000000000000000000000000 x		C:	C.KEY2	
76	4000000000 x	DSPSUCC	IP0	EC:DSCP	.. DISPLAY THE SUCCESSOR DIRECTORY CAPABILITY
77	000000000000000000000000 x		C:	C.SUCCD	
100	4000000000 x	DSPDYNT	IP0	EC:DSCP	.. DISPLAY C.DYNT
101	000000000000000000000000 x		C:	C.DYNT	
102	4000000000 x	LOCKDNT	IP0	EC:GEVH	.. GET DNT LOCKING EVENT
103	4000000000 x		C:	CI.DRCT,EC.DNT	

104	4000000000 X	DNTINRO	IP0	EC:MMRW	.. PUT EF.DNT IN MAP (READONLY)
105	4000000000 X		C:	CL.DRCT,CC.DIR	.. SUBPROCESS = *
106	00000000000000000000 X		D:	M.WIN	.. MAP INDEX
107	4000000000 X		C:	CL.DRCT,EF.DNT	.. FILE
110	00000000000000000000		D:	0	.. FILE ADDRESS
111	00000000000000000000 X		D:	WINDOW	.. CM ADDRESS
112	00000000000000000000 X		D:	L.DNT	.. WORD COUNT
113	4000000000 X	DNTINRW	IP0	EC:MMRW	.. PUT EF.DNT IN MAP (READ/WRITE)
114	4000000000 X		C:	CL.DRCT,CC.DIR	
115	00000000000000000000 X		D:	M.WIN	
116	4000000000 X		C:	CL.DRCT,EF.DNT	
117	00000000000000000000		D:	0	
120	00000000000000000000 X		D:	WINDOW	
121	00000000000000000000 X		D:	L.DNT	
122	4000000000 X	DNTOUT	IP0	EC:ZRM	.. REMOVE EF.DNT FROM MAP
123	4000000000 X		C:	CL.DRCT,CC.DIR	
124	00000000000000000000 X		D:	M.WIN	
125	4000000000 X		C:	CL.DRCT,EF.DNT	
126	4000000000 X	UNLKDNT	IP0	EC:SEV	.. PUT DNT LOCKING EVENT BACK
127	4000000000 X		C:	CL.DRCT,EC.DNT	.. CHANNEL
			D:	0	.. (ANY OLD EVENT WILL DO)
130		OBBITS	XTEXT		.. DEFINE OB.IMPL
130	000000000000004000000	SOB.IA	VFD	42/OB.IMPL.18/0	
131	00000000000002000000	SOB.ACC	VFD	42/OB.ACC.18/0	
132	00000000000001000000	SOB.DST	VFD	42/OB.DSTRY.18/0	
133			END		

36530

STORAGE USED
6600 ASSEMBLY

519 STATEMENTS
4.746 SECONDS

172 SYMBOLS
173 REFERENCES

SOB.USE VFD 42/OB.AKUSE#,18/0

: RO IPLIST SPECIFICATIONS AND OTHER CONSTANTS
SYMBOLIC REFERENCE TABLE.

COMPASS - VER 2.

09/06/71 14.41.50.

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CC.DIR	0	EXTERNAL*	2/32	4/03	4/11	4/19				
CLCTRS	62	PROGRAM*	3/29 L							
CLKBUFF	0	EXTERNAL*	2/11							
CLSDF	26	PROGRAM*	2/42 L							
CLSDIR	24	PROGRAM*	2/39 L							
CL.DRCT	0	EXTERNAL*	2/33	3/19	4/01	4/06	4/14	4/22		
			3/10	3/25	4/04	4/12	4/20	4/25		
CL.OPS	0	EXTERNAL*	2/11	2/26	2/43	3/05	3/24	3/41	4/03	
			2/14	2/29	2/46	3/09	3/27	3/44	4/11	
			2/17	2/32	2/49	3/12	3/30	3/47	4/19	
			2/20	2/37	2/52	3/18	3/33	3/50	4/24	
			2/23	2/40	3/02	3/21	3/38	3/53		
CL.SCAN	0	EXTERNAL*								
CL.DIRCT	0	EXTERNAL*	2/29							
CL.DIR2	0	EXTERNAL*	3/41							
CL.DOBJ	0	EXTERNAL*	3/38							
CL.DYNT	0	EXTERNAL*	3/50							
CL.KEY	0	EXTERNAL*	2/46							
CL.KEY2	0	EXTERNAL*	3/44							
CL.SCAN	0	EXTERNAL*	3/33							
CL.SUCCD	0	EXTERNAL*	3/47							
CL.T1	0	EXTERNAL*	3/34							
CL.T2	0	EXTERNAL*	3/12	3/21	3/27	3/30				
CL.CTRS	0	EXTERNAL*	3/18	3/24						
CL.DRCT	0	EXTERNAL*	2/17	2/20	2/43					
CL.CLO	0	EXTERNAL*	2/39	3/29						
CL.CLOS	0	EXTERNAL*	2/42							
CL.ECLM	0	EXTERNAL*	2/25	3/20						
CL.OPRO	0	EXTERNAL*	2/16							
CL.OPRW	0	EXTERNAL*	2/19	3/17						
CL.PCLS	0	EXTERNAL*	3/23							
CL.RLSE	0	EXTERNAL*	2/36	3/26						
CL.SCLM	0	EXTERNAL*	2/22							
CL.WRIT	0	EXTERNAL*	3/11							
CL.ZRM	0	EXTERNAL*	2/31							
CLSDIR2	72	PROGRAM*	3/40 L							
CLSKY2	74	PROGRAM*	3/43 L							
CLSPKEY	30	PROGRAM*	2/45 L							
CLSPOBJ	70	PROGRAM*	3/37 L							
CLINRO	104	PROGRAM*	4/02 L							
CLINRW	113	PROGRAM*	4/10 L							
CLTOUT	122	PROGRAM*	4/18 L							
CL3CLKS	0	PROGRAM*	2/10 L							
CL3DCAP	14	PROGRAM*	2/28 L							
CL3DYNT	100	PROGRAM*	3/49 L							
CL3SUCC	76	PROGRAM*	3/46 L							
CL.AKN	0	EXTERNAL*	3/09							
CL.DNT	0	EXTERNAL*	3/53	4/24						
CL.CLCK	0	EXTERNAL*	2/10							
CL.DSCP	0	EXTERNAL*	2/28	2/45	3/37	3/40	3/43	3/46	3/49	
CL.ESML	0	EXTERNAL*	3/04							
CL.GEVH	0	EXTERNAL*	3/08	3/52						
CL.MCAP	0	EXTERNAL*	3/32							

MMRO	0	EXTERNAL*	4/02					
MMRW	0	EXTERNAL*	4/10					
RSTR	0	EXTERNAL*	2/48	3/01				
SAVE	0	EXTERNAL*	2/13	2/51				
SEV	0	EXTERNAL*	4/23					
ZRM	0	EXTERNAL*	4/18					
DNT	0	EXTERNAL*	4/05	4/13	4/21			
DRCT	0	EXTERNAL*	2/23	2/26	2/34	2/37	2/40	
RMASK	42	PROGRAM*	3/05	3/06 L				
RPACK	0	EXTERNAL*	2/52	3/02				
RSAVE	34	PROGRAM*	2/51 L					
TJCKYN	0	EXTERNAL*	3/13					
LETGO	22	PROGRAM*	2/36 L					
KCTRS	54	PROGRAM*	3/20 L					
KAK	43	PROGRAM*	3/08 L					
KDNT	102	PROGRAM*	3/52 L					
KRO	10	PROGRAM*	2/22 L					
KRW	12	PROGRAM*	2/25 L					
INT	0	EXTERNAL*	4/08	4/16				
MSCNL	64	PROGRAM*	3/32 L					
WIN	0	EXTERNAL*	2/33	4/04	4/12	4/20		
ACC	2		4/31					
DSTRY	1		4/32					
IMPL	4		4/30					
CTRS	52	PROGRAM*	3/17 L					
ENRO	4	PROGRAM*	2/16 L					
ENRW	6	PROGRAM*	2/19 L					
CTRS	56	PROGRAM*	3/23 L					
ESTERR	36	PROGRAM*	3/01 L					
ESTORE	32	PROGRAM*	2/48 L					
DATA	0	EXTERNAL*	3/14					
TESM	40	PROGRAM*	3/04 L					
AVE	2	PROGRAM*	2/13 L					
UTWIN	16	PROGRAM*	2/31 L					
ACC	131	PROGRAM*	2/02 E	4/31 L				
DST	132	PROGRAM*	2/02 E	4/32 L				
IA	130	PROGRAM*	2/02 E	4/30 L				
CTRS	60	PROGRAM*	3/26 L					
LKDNT	126	PROGRAM*	4/23 L					
WINDOW	0	EXTERNAL*	4/07	4/15				
NEWAK	45	PROGRAM*	3/11 L					
BACK	0	EXTERNAL*	2/14	2/49				

ASSEMBLY COMPLETE.

ASSEMBLY COMPLETE.

ASSEMBLY COMPLETE.

SYSTEXT - 1030 LINES

1043 LINES PRINTED BY PRINTER DRIVER ON LP 2

MC JONES