

LENGTH OF PRG 00075

ADDRESS	LENGTH	PRG	IDENT	MTSTART
1				
2				
3			ENTRY	MT.STR
4			ENTRY	MT.SUP
5				
6			EXT	INSTL
7			EXT	LINKIT
8			EXT	MTCON
9			EXT	TPINT
10				
11		00001	X1 EQU	1
12		00002	X2 EQU	2
13		00003	X3 EQU	3
14				
15		00000	IMPURE EQU	0
16				
17			MT.SUP UJP	IMPURE
18			SWA	MTCON
19			STA	TEMP
20			SHA	12
21			TAI	X3
22			ANA	6
23			ANA	708
24			ANI	078,X3
25			AIA	X3
26			ENA	TPINT
27			SWA	INSTL,X3
28			LOA	TEMP
29			SHA	-15
30			ANA	178
31			ASG	9
32			UJP	*+2
33			ENA	8
34			TAI	X2
35			STI	MT02,X1
36			TAI	X1
37			LDAQ	BCDTPNUM
38			RTJ	LINKIT
39			ENI	IMPURE,X1
40			STI	MT04,X2
41			ENA	0
42			UJP	*+3
43			STA	0,X1
44			INI	-1,X1
45			IJD	*-2,X2
46			INI	1,X1
47			LDAQ	BCDTBLK
48			RTJ	LINKIT
49			ENI	IMPURE,X2
50			STI	MT06,X2
51			ENA	0
52			UJP	*+3
53			INI	-1,X1
54			STA	0,X1
55			IJD	*-2,X2
56			LDAQ	BCDTAPE
57			RTJ	LINKIT
58			ENI	IMPURE,X2
59			ENA,S	-0
60			UJP	*+3
61			INI	-1,X1
62			STA	0,X1
63			IJD	*-2,X2
64			LDAQ	BCDTNUM
65			RTJ	LINKIT
66			IJD	MT.SUP,X1
67				
68				
69			MT.STR UJP	IMPURE
70			UJP	MT.STR
71				
72			BCDTPNUM BCD	2,TPUNITS
73			BCDTBLK BCD	2,TBLKLIST
74			BCDTAPE BCD	2,TAPELIST
75			BCDTNUM BCD	2,TNUMLIST
76				
77			TEMP VFD	A24/IMPURE
78				
79				
80				
81				
82				
83				
84				
85			END	

SAVE THE CONNECT CODE  
FORM ADDRESS INTO INSTL  
FOR INTERRUPT DECODING

LOAD THE NUMBER OF DRIVES ASSUMED  
PRESENT  
AS ONLY 4 BITS ARE USED  
SKIP IF MORE THAN 8 WERE SPECIFIE  
DUMB SKIP INSTRUCTIONS  
THEN USE AS DEFAULT 8 UNITS

#TPUNITS#  
RESTORE X1  
SAVE X2

#TBLKLIST#  
ENTER NUMBER OF TAPE UNITS AGAIN  
SAVE NUMBER OF TAPES FOR LATER

#TAPELIST#  
OBTAIN NUMBER OF TAPE DRIVES  
NUMBER FOR INTIALIZATION  
START THE LOOP  
COUNT DOWN STORAGE POINTER  
STORE THE WORD  
AND LOOP UNTIL ALL WORDS STORED  
#TNUMLIST#  
LINK UP SYMBOL REFERENCES  
EXIT

VECTOR OF TAPE NUMBERS MOUNTED

BCDTAPE		00070P	61	52	00047P								
BCDT3LK		00066P	60	44	00036P								
BCDTNUM		00072P	61+1	53+7	00057P								
BCDTPNUM		00064P	59	34	00024P								
IMPURE		00000	15	17	00000P	36	00026P	46	00040P	53+1 00051P	56 00062P	63 00074P	
INSTL	X		6	27	00012P								
LINKIT	X		7	35	00025P	45	00037P	53	00050P	53+8	00060P		
MT02		00026P	36	32	00022P								
MT04		00040P	46	37	00027P								
MT06		00051P	53+1	46+1	00041P								
MT.STR	E	00062P	56	3	00000P	57	00063P						
MT.SUP	E	00000P	17	4	00000P	54	00061P						
MTCON	X		8	18	00001P								
TEMP		00074P	63	19	00002P	28	00013P						
TPINT	X		9	26	00011P								
X1		00001	11	32	00022P	33	00023P	36	00026P	40	00032P	41 00033P	43 00035P
				49	00044P	50	00045P	53+4	00054P	53+5	00055P	54 00061P	
X2		00002	12	31	00021P	37	00027P	42	00034P	46	00040P	46+1 00041P	51 00046P
				53+1	00051P	53+6	00056P						
X3		00003	13	21	00004P	24	00007P	25	00010P	27	00012P		