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12/24/81

12:42:43

PRINTOUT #924

DENNIS HAUGH

000004		1000 /EJECT
000005		1010 *
000006		1020 *IO DRIVERS
000007	× 4	1030 *
800000	0000	1040 \$10CHO EQU Z'0000' IO CHANNELS
000009	0040	1050 \$IOCH1 EQU Z'0040'
000010	080	1060 \$10CH2 EQU Z 10080 1
000011	0000	1070 \$IOCH3 EQU Z'00CO'
000012	4,	1080 *
000013	0.001	1090 SOTCTL EQU Z'0001' CONTROL INFORMATION OUTPUT
000014	0002	1100 \$ICTLI EQU Z'0002' INPUT INT CONTROL INFO
000015	0003	1110 \$ICTLO EQU Z'0003' OUTPUT INT CONTROL INFO
000016	0005	1120 \$OCCTL EQU Z'0005' OUTPUT CHANNEL CONTROL
000017	0006	1130 \$TSKRI EQU Z'0006' INPUT TASK REGISTER
000018	0007	1140 \$TSKRO EQU Z'0007' OUTPUT TASK REGISTER
000019	0008	1150 SINMBA EQU Z'0008' INPUT MEMORY BYTE ADDRESS
000020	000A	1160 \$INMMA EQU Z'000A' INPUT MEMORY MODULE ADDRESS
000021	000c	1170 \$INRNG EQU Z'000C' INPUT RANGE RESIDUE
000022	000F	1180 \$OBCTL EQU Z'OOOF' OUTPUT BUFFER CONTROL
000023	0010	1190 \$CFGAI EQU Z'0010' INPUT CNFG REGISTER A
000024	0011	1200 \$CFGAO EQU Z'0011' OUTPUT CNFG REGISTER A
000025	0012	1210 \$CFGBI EQU Z'0012' INPUT CNFG REGISTER B
000026	0013	1220 \$CFGBO EQU Z'0013' OUTPUT CNFG REGISTER B
000027		1230 *
000028	0018	1240 \$ISTS1 EQU Z'0018' INPUT STATUS REG 1
000029	001A	1250 \$ISTS2 EQU Z'001A' INPUT STATUS REG 2
000030	0026	1260 \$IDINP EQU Z'0026' INPUT DEVICE ID
000031		1270 *
000032	0009	1280 \$IOLD EQU Z'0009' SIMPLE LOAD (NO DIRECTION)
000033	0009	1290 \$10LDI EQU \$10LD+\$10CHO LOAD AND START DOW EXECUTION (TO US)
000034	0049	1300 \$10LDO EQU \$10LD+\$10CH1 LOAD AND START DCW EXECUTION (FROM US)
000035		1310 *
000036		1320 *MISCELLANEOUS CHANNELS
000037		1330 . *
000038	0000	1340 CPUOCH EQUID CHANNEL OF CPU#O
000039	0400	1350 BTLDCH EQU Z'0400' BOOTLOAD CHANNEL
000040	F F 8 O	1355 LASTCH EQU Z'FF80' LAST POSSIBLE L6 CHANNEL TO CHECK FOR DISKETTE
000041		1360 *
000042		1370 *
000043		1380 *CLOCK BLOCK DEFINITIONS
000044		1390 *
000045	0001	1400 FPTR EQU 1 FIRST BLOCK POINTER
000046	0002	1410 LPTR EQU 2 LAST BLOCK POINTER (SAF)
000047		1420 *
000048	0003	1430 USRDTA EQU 3 START OF DATA IN QUEUE BLOCKS
000049		1440 *
000050	0003	1450 SWORD EQU 3 S-REGISTER OR STATUS
000051	0004	1460 UWORD EQU 4 USERS XB7
000052	0004	1470 RWORD EQU 6 RUN ADDRESS
	5590	THE REPORT LESS TO THE POPULOS

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000053			2000 /EJECT	
000054			2001 *	
000055			2002 *ASCII VALUES	
000056			2003 *	
000057			2004 *CONTROL CHARACTERS	
000058			2005 *	
000059	0000		2006 \$ASCCR EQU 13	
000060	000A		2007 \$ASCLF EQU 10	
000061	001B		2008 \$ASCEC EQU 27	0.40 1.45 0.470
000062 000063	0 D O A		2009 \$CRLF EQU \$ASCCR*Z!0100*+\$ASCLF	C/R L/F PAIR
000064			2010 * 2011 *NUMBERS (0-9)	
000065			2012 *	
000066	0030		2013 \$ASCO EQU 48	
000067	0031		2014 \$ASC1 EQU 49	
000068	0032		2015 \$ASC2 EQU 50	
000069	0033		2016 \$ASC3 EQU 51	
000070	0034		2017 \$ASC4 EQU 52	
000071	0035		2018 \$ASC5 EQU 53	
000072	0036		2019 \$ASC6 EQU 54	
000073	0037		2020 \$ASC7 EQU 55	
000074	0038		2021 \$ASC8 EQU 56	
000075	0039		2022 \$ASC9 EQU 57	
000076			2023 *	
000077			2024 *LETTERS (A+Z).	
000078			2025 *	
000079	0041		2026 \$ASCA EQU 65	
000080	0042		2027 \$ASCB EQU 66	
000081	0043		2028 \$ASCC EQU 67	
000082	0044		2029 \$ASCD EQU 68	
000083	0045		2030 \$ASCE EQU 69	
000084	0046		2031 \$ASCF EQU 70	
000085	0047		2032 \$ASCG EQU 71	
000086	0048		2033 \$ASCH EQU 72	
000087 000088	0049 004A		2034 \$ASCI EQU 73	
000089	004B		2035 \$ASCJ EQU 74 2036 \$ASCK EQU 75	
000090	0046 0046		2037 \$ASCL EQU 76	
000091	004D		2038 \$ASCM EQU 77	
000092	004E		2039 \$ASCN EQU 78	
000093	004F		2040 \$ASCO EQU:79	
000094	0050		2041 \$ASCP EQU 80	
000095	0051		2042 \$ASCQ EQU 81	
000096	0052		2043 \$ASCR EQU 82	
000097	0053		2044 \$ASCS EQU 83	
000098	0054		2045 \$ASCT EQU 84	
000099	0055		2046 \$ASCU EQU 85	
000100	0056		2047 \$ASCV EQU 86	
000404	0057		2048 \$ASCW EQU 87	er e
000101				
000102	0058		2049 \$ASCX EQU 88	

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•	000105			2052 /EJECT						
	000106			2053 *						
	000107			2054 *SPECIA	AL CHARACTE	R.S				
•	000108			2055 *	the second second					
	000109	0020		2056 SASCSP	EQU 32					
,	000110	0024		2057 SASCOL	EQU 36					
,	000111	0027		2058 \$ASCAP	EQU 39					
	000112	0028		2059 \$ASCLP	EQU 40					
	000113	0029		2060 \$ASCRP	EQU 41					
'	000114	AS00		2061 \$ASCAS	EQU 42					
	000115	0028		2062 SASCPL	EQU 43					
	000116	002c		2063 \$ASCCM						
)	000117	0020		2064 \$ASCDS						
	000118	002E		2065 SASCOT	EQU 46		*			
	000119	002F		2066 \$ASCFS						
,	000120	003A		2067 SASCON						
	000121	0038		2068 SASCSC	EQU 59	•	***			
	000122	003c		2069 \$ASCLT						
	000123	003D		2070 SASCEQ	EQU 61					
	000124	003E		2071 \$ASCGT						
	000125	003F		2072 \$ASCQM						
l	000126	0040		2073 \$ASCAT						
	000127	005 C		2074 \$ASCBS						
	000128	005E		2075 \$ASCUA						
,	000129	005F		2076 \$ASCBA	EQU 95					
	000130	007F		2077 \$ASCRO					•	
	000131	7 F 7 F				Z 101001+\$ASCRO	1	IME DELAY PAIR		
)	000132			2079 *						
	000133			2030 *CONTR	OL CHARACTE	RS				
	000134			2081 *					•	
ŧ	000135	0005		2082 SACCE !	EQU SASCE-6	4				
	000136	0018		2083 \$ACCX	EQU SASCX-6	4	•	•		
	000137	001A		2084 \$ACCZ 1						
•	000138			2085 *						
	000139	0009		2086 \$ASCHT	EQU 9	HORIZONTAL TA	AB		•	
	000140	0008		2087 \$ASCVT		VERTICAL TAB				
ŀ	000141	000c		2088 \$ASCFF		FORM FEED	*			
	000142	0019		2089 \$ASCEM		END MEDIA				
	000143	001D		2090 \$ASCGS		GROUP SEPERAT	OR			
•	000144	001E		2091 \$ASCRS		RECORD SEPERA				54

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000145			2092 /EJECT	
000146			2093 *	
000147			2094 *SPEED ASSIGNMENT TABLES	
000148			2095 *	
000149	0000		2096 \$S10 EQU 0 LEVEL6 CODING FOR S	SPEED TABLES
000150	0002		2097 \$\$15 EQU 2	*
000151	0003		2098 \$\$30 EQU 3	
000152	0004		2099 \$S60 EQU 4	
000153	0005		2100 \$S120 EQU 5	
000154	0006		2101 \$S180 EQU 6	
000155	000a		2102:\$\$240.EQU 10	
000156			2103 \$S480 EQU 11	
	000B			
000157	0000		2104 \$\$960 EQU 12	
000158	0000		2105 \$\$1920 EQU 13	
000159			2106 *	
000160	0010			RENT SPEED SETTINGS
000161			2108 *	
000162			2109 *	
000163			2110 *SET MODE CONSTANTS	
000164			2111 *	
000165	0040		2112 SM\$000 EQU Z 0040	BASE FOR MODE SETTING COMMANDS
000166			211.3 *	
000167	0040		2114 SMSECH EQU Z 0040	SET ECHOPLEX
000168	0041		2115 SM\$ROT EQU Z 0041 1	SET RAW OUTPUT
000169	0042		2116 SM\$MFR EQU Z'0042'	MAINFRAME READY
000170	0043		2117 SM\$E00 EQU Z'0043'	MAINFRAME LOGICAL END OF OUTPUT
000171	0044		2118 SM\$FRD EQU Z'0044'	SET FRIDEN MODE
000172	0045		2119 SM\$RDO EQU Z 0045	READ OUTSTANDING
000173	0046		2120 SM\$IDY EQU Z'0046'	IDLE DELAY (TIME/FILL)
000174			2121 *	
000175	0060		2122 SM\$DLY EQU Z'0060'	SET DELAY PARAMETERS
000176	0060		2123 SM\$DLO EQU SM\$DLY+0	- SELVECTI I ANNIELENS
000177	0061		2124 SM\$DL1 EQU SM\$DLY+1	
000178	0062		2125 SM\$DL2 EQU SM\$DLY+2	
000179	0063		2126 SM\$DL3 EQU SM\$DLY+3	
000180	0064		2127 SM\$DL4 EQU SM\$DLY+4	
000181	0065		2128 SM\$DL5 EQU SM\$DLY+5	
000182	0066		2129 SM\$DL6 EQU SM\$DLY+6	
000183	0067		2130 SM\$DL7 EQU SM\$DLY+7	
000184			2131 *	
000185	0068		2132 SM\$0MD EQU Z 0068	SET OUTPUT MODE
000186	0068		2133 SM\$OMO EQU SM\$OMD+O	
000187	0069		2134 SM\$OM1 EQU SM\$OMD+1	
000188	006A		2135 SMSOM2 EQU SMSOMD+2	
000189	006B		2136 SM\$0M3 EQU SM\$0MD+3	

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000190			3000 /EJECT	
000191			3001 *	
000192			3002 *HARDWARE SPECIFIC INFORMATION	
000193			3003 **********************************	
000194			3004: *START OF INTERRUPT EVECTOR (IVOO) AND FAULT VECTOR (FVOO)	
000195			3005 * +1=IV01 -1=FV01	
000196			3006 ****** IVECT EQU Z 0080	
000197			3007 *	
000198			3008 *BIT MASK ASSIGNMENTS	
000199			3009 *	
000200	0001		3010 \$MKB7 EQU Z'0001'	
000201	0002		3011 \$MKB6 EQU Z*0002!	
000202	0004		3012 \$MKB5 EQU Z'0004'	
000203	8000		3013 \$MKB4 EQU Z*0008*	
000204	0010		3014 \$MKB3 EQU Z 10010 1	
000205	0020		3015 \$MKB2 EQU Z 0020 -	
000206	0040		3016 \$MKB1 EQU Z'0040'	
000207	080		3017 \$MKI EQU Z 0080	
000208	0100		3018 \$MKR7 EQU Z'0100'	
000209	0200		3019 \$MKR6 EQU Z 0200	
000210	0400		3020 \$MKR5 EQU Z 10400 1	
000211	0800		3021 \$MKR4 EQU Z'0800'	
000212	1000		3022 \$MKR3 EQU Z 1000 .	
000213	2000		3023 \$MKR2 EQU Z'2000'	
000214	4000		3024 \$MKR1 EQU Z 4000	
000215	8000		3025 \$MKM1 EQU Z 8000 \$	
000216			3026 *	
000217	7000		3027 \$MKR13 EQU \$MKR1+\$MKR2+\$MKR3	
000218	0 F <b>0</b> O		3028 \$MKR47 EQU \$MKR4+\$MKR5+\$MKR6+\$MKR7	
000219	0070		3029 \$MKB13 EQU \$MKB1+\$MKB2+\$MKB3	
000220	000F		3030 \$MKB47 EQU \$MKB4+\$MKB5+\$MKB6+\$MKB7 3000 3000 3000 3000 3000 3000 3000 30	
000221	9090		3031 \$MKSTD EQU \$MKM1+\$MKI+\$MKR3+\$MKB3 STANDARD REGISTERS TO SAVE	
000222			3032 **	
0.002.23			3033 *	
000224			3034 *IV SAVED REGISTERS OFFSET	
000225			3035 *	
000226	FFFC		3036 \$IVLEV EQU Z'FFFC' LEVEL ASSOCIATED (SOFT)	
000227	FFFF		3037 \$IVTSA EQU Z FFFF T	
000228	0000		3038 \$IVDEV EQU O DEVICE	
000229	0001		3039 \$IVMSK EQU 1 MASK	
000230	0003		3040 \$IVP EQU 3	
000231	0004		3041 \$IVS EQU 4	
000232	0005		3042 \$IVREG EQU 5 START OF REGISTERS	
000233	000B		3043 \$IVB1 EQU 11	
000234	000c		3044 \$INI EQU 12	
000235	0013		3045 \$IVR1 EQU 19	
000236	0014		3046 \$IVM1 EQU 20	
000237	001B		3047 \$IVT EQU 27	
<b>.</b>	***			

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000238		3048 /EJE	СТ		
000239		3049 *			
000240		3050 *TRA	SAVE AREA O	FFSETS	
000241		3051 *			
000242	0000	3052 STSA	EQU O	NEXT LINK	
000243	0001	3053 \$TSA	I EQU 1	INDICATOR REGI	ISTER
000244	0002	3054 \$TSA	R3 EQU 2	XR3	
000245	0003	3055 \$TSA	CM EQU 3	COMMAND	
000246	0004	3056 \$TSA	Z EQU 4	Z-WORD	
000247	0.005	3057 \$TSA	A EQU 5	ADDRESS	
000248	0006	3058 \$TSA	EQU 6	P-REGISTER	
000249	0001	3059 \$TSA	X EQU STSAP-	STSAA	P-REG AS ADDRESSED BY TRAP ROUTINE
000250	0007	3060 \$TSA	33 EQU 7	XB3	
000251	0003	3061 \$TSA	TM EQU 8-STSA	Α	TEMP WORD
000252	0008	3062 \$TSA	ND EQU 8	FOR NON-TRAP R	ROUTINES, THE TEMP WORD
000253	0009	3063 \$TSA	N EQU 9	LENGTH OF TRAP	SAVE AREA
000254		3064 *			
000255		3065 *			
000256	6000	3066 \$SRG	3 EQU Z 6000		SREGISTER PRIORITY 3
000257		3067 *		•	
000258		3068 *			
000259		3069 *LEV	EL INSTRUCION	WORDS	
000260		3070 *	en de la companya de	The second secon	
000261	803F	3071 \$LVE	XI EQU Z 803F	•	SUSPEND, SCAN, AND DISPATCH
000262	4000		CH EQU Z 4000		SCHEDULE INTERRUPT, DEFER
000263	8000		KE EQU Z 8000		SUSPEND, SCAN, SCHEDULE, AND DISPATCH
000264	0000		NT EQU Z 10000		SCHEDULE, SCAN, DISPATCH (RETURN LATER)
000265	080		IS EQU Z 0080		INHIBIT
000266	8080		SX EQU Z 8080		SUSPEND, INHIBIT
000267	0000		IE EQU SLVENT		CRASH LEVEL INSTRUCTIONS DATA
000268		3078 *			
000269			E REGISTER CO	NSTANTS	
000270		3080 *			
000271	8080		ST EQU Z 8080		SET JUMP TRACE
000272	8000		RS EQU Z 8000		RESET JUMP TRACE
000273	0080		TS EQU Z 0080		TEST JUMP TRACE

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000274		3084 /EJECT	
000275		3085 *	
000276		3086 *ASSIGNED LEVELS	
000277		3087 *	
000278	0000	3088 ERRLEV EQU O POWER FAIL	AND CRASH LEVEL
000279	0001	3089 WDTLEV EQU. 1 WATCH DOG	TIMER LEVEL
000280	0002	3090 TSOVLV EQU 2 TRAP SAVE /	AREA OVERFLOW AREA
000281	0003	3091 HANGLY EQU 3 STARTUP AND	O HANG LEVEL
000282	0004	3092 RTCLEV EQU 4 REAL TIME (	CLOCK LEVEL
000283	0005	3093 WATLEV EQU 5 WATCH COPY	(LEVEL) 编译:
000284	0008	3094 MCPLEV EQU 8 ASYNC MLCP	LINE CARD
000285	000A .	3095 SX25LV EQU 10 SYNC MLCP I	LINE CARD (USING X25)
000286	0010	3096 CPLRLV EQU 16 COUPLER LEV	VELS (16,17,18,19)
000287	0030	3097 NETLEV EQU 48 X25 NETWORE	K PACKET LEVEL
000288	0031	3098 SBSCLV EQU 49 SYNC MLCP I	LINE CARD (USING BSC)
000289	0036	3099 CNSLEV EQU 54 CONSOLE HAI	RDWARE LEVEL (BASE FOR SOFTWARE)
000290	0037	3100 SYCLEV EQU CNSLEV+1	SYSTEMS CONTROL LEVEL
000291	0038	3101 MSGLEV EQU SYCLEV+1	SYSTEMS MESSAGES LEVEL
000292	003C	3102 DBGLEV EQU 60 DEBUGGER PI	RIMARY; SECONDARY=+1
000293	003E	3103 DEVLEV EQU 62 LOWEST LEVI	EL FOR INVERTED SYNCHRONIZATION
000294		3104 *	ranger anger i Andrews (1997). Talagori Marijang (1997). Pangang ang mangang ang mangang ang mangang ang mangang ang mangang ang mangang man
000295	0078	3105 ONESEC EQU. 120 CLOCK IS 12	20 TIMES PER SECOND (.0083333)

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000296         000297         000299         000300         000301       0002         000302       0003         000303       0004         000305       000306         000307       000308         000309       8000         000311       2000         000312       000313         000314       0003         000315       0001         000316       0000         000317       0001         000320       000321         000321       000322         000322       000323         000324       8000         000325       4000         000326       2000         000327       1000         000328       0800         000331       0100         000332       080         000333       0200         000331       0100         000332       080         000333       0080         000334       000335         000336       000337	4060 CURLEN EQU CURBUF+1 CURRENT LENGTH ERROR COUNTERS A080 MFLAGS EQU NSBERR+1 INTERNAL TO MESSAGE FLAGS 4090 * 4100 * 4110 *INTERNAL TO MESSAGE FLAGS (MFLAGS) 4120 * 4130 LTLONG EQU Z'8000' LINE IS CURRENTLY TOO LONG 4140 IFINAL EQU Z'4000' FINAL DELIVERY
000298         000299         000300         000301       0002         000302       0003         000303       0004         000305       000306         000306       000307         000308       000309         000310       4000         000312       000312         000314       0003         000317       0001         000318       0002         000320       0003         000321       0003         000325       4000         000326       2000         000327       1000         000328       0800         000329       0400         000331       0100         000332       080         000333       0200         000331       0100         000332       080         000333       0040	4020 *INPUT MESSAGE BUFFER DEFINITION 4030 * 4040 *FIRST BUFFER IN LINK WORD(O) 4050 CURBUF EQU 2 CURRENT BUFFER ADDRESS 4060 CURLEN EQU CURBUF+1 CURRENT LENGTH 4070 NSBERR EQU CURLEN+1 ERROR COUNTERS 4080 MFLAGS EQU NSBERR+1 INTERNAL TO MESSAGE FLAGS 4090 * 4100 * 4110 *INTERNAL TO MESSAGE FLAGS (MFLAGS) 4120 * 4100 * 4130 LTLONG EQU Z'8000' LINE IS CURRENTLY TOO LONG 4140 IFINAL EQU Z'4000' FINAL DELIVERY 4150 TRPCLK EQU Z'2000' FINAL DELIVERY TRAPS CLOCKING READ 4160 * 4170 *
000299         000301       0002         000302       0003         000303       0004         000304       0005         000305       000306         000307       000308         000310       4000         000311       2000         000312       0003         000314       0003         000317       0001         000318       0002         000320       0003         000321       0003         000322       0003         000323       0003         000324       800         000325       400         000327       100         000328       080         000329       0400         000331       0100         000332       0080         000333       0040	4030 * 4040 *FIRST BUFFER IN LINK WORD(0) 4050 CURBUF EQU 2 CURRENT BUFFER ADDRESS 4060 CURLEN EQU CURBUF+1 CURRENT LENGTH 4070 NSBERR EQU CURLEN+1 ERROR COUNTERS 4080 MFLAGS EQU NSBERR+1 INTERNAL TO MESSAGE FLAGS 4090 * 4100 * 4110 *INTERNAL TO MESSAGE FLAGS (MFLAGS) 4120 * 4130 LTLONG EQU Z'8000' LINE IS CURRENTLY TOO LONG 4140 IFINAL EQU Z'4000' FINAL DELIVERY 4150 TRPCLK EQU Z'2000' FINAL DELIVERY TRAPS CLOCKING READ 4160 * 4170 *
000300       0002         000302       0003         000303       0004         000305       000306         000307       000308         000309       8000         000311       2000         000312       000313         000314       0003         000317       0001         000318       0002         000320       000320         000321       000322         000322       000323         000324       8000         000325       4000         000326       2000         000329       0400         000330       0200         000331       0100         000329       0400         000331       0100         000332       0080         000333       0040	4030 * 4040 *FIRST BUFFER IN LINK WORD(0) 4050 CURBUF EQU 2 CURRENT BUFFER ADDRESS 4060 CURLEN EQU CURBUF+1 CURRENT LENGTH 4070 NSBERR EQU CURLEN+1 ERROR COUNTERS 4080 MFLAGS EQU NSBERR+1 INTERNAL TO MESSAGE FLAGS 4090 * 4100 * 4110 *INTERNAL TO MESSAGE FLAGS (MFLAGS) 4120 * 4130 LTLONG EQU Z'8000' LINE IS CURRENTLY TOO LONG 4140 IFINAL EQU Z'4000' FINAL DELIVERY 500 4150 TRPCLK EQU Z'2000' FINAL DELIVERY TRAPS CLOCKING READ 4160 * 4170 *
000301       0002         000302       0003         000303       0004         000305       000306         000306       000307         000308       000309         000310       4000         000312       000313         000314       0003         000315       0003         000317       0001         000318       0002         000320       0003         000321       0003         000322       000323         000324       8000         000325       4000         000326       2000         000327       1000         000328       0800         000329       0400         000331       0100         000332       080         000333       000         000334       000335         000336       000336	4040 *FIRST BUFFER IN LINK WORD(0) 4050 CURBUF EQU 2 CURRENT BUFFER ADDRESS 4060 CURLEN EQU CURBUF+1 CURRENT LENGTH 4070 NSBERR EQU CURLEN+1 ERROR COUNTERS 4080 MFLAGS EQU NSBERR+1 INTERNAL TO MESSAGE FLAGS 4090 * 4100 * 4110 *INTERNAL TO MESSAGE FLAGS (MFLAGS) 4120 * 4130 LTLONG EQU Z'8000' LINE IS CURRENTLY TOO LONG 4140 IFINAL EQU Z'4000' FINAL DELIVERY 500 4150 TRPCLK EQU Z'2000' FINAL DELIVERY TRAPS CLOCKING READ 4160 * 4170 *
000301       0002         000302       0003         000303       0004         000305       000306         000307       000308         000309       8000         000310       4000         000312       000313         000314       0003         000317       0001         000318       0002         000320       000320         000321       000322         000323       8000         000324       8000         000325       4000         000326       2000         000327       1000         000328       0800         000329       0400         000331       0100         000332       080         000333       0200         000334       000335         000335       0080         000337       0080	4050 CURBUF EQU 2 CURRENT BUFFER ADDRESS 4060 CURLEN EQU CURBUF+1 CURRENT LENGTH 4070 NSBERR EQU CURLEN+1 ERROR COUNTERS 4080 MFLAGS EQU NSBERR+1 INTERNAL TO MESSAGE FLAGS 4090 * 4100 * 4110 *INTERNAL TO MESSAGE FLAGS (MFLAGS) 4120 * 4130 LTLONG EQU Z'8000' LINE IS CURRENTLY TOO LONG 4140 IFINAL EQU Z'4000' FINAL DELIVERY 4150 TRPCLK EQU Z'2000' FINAL DELIVERY TRAPS CLOCKING READ 4160 * 4170 *
000302       0003         000303       0004         000305       000306         000307       000308         000309       8000         000310       4000         000312       000313         000315       0001         000316       0000         000317       0001         000320       000320         000321       000322         000323       8000         000324       8000         000325       4000         000326       2000         000329       0400         000330       0200         000331       0100         000332       080         000333       0040	4060 CURLEN EQU CURBUF+1 CURRENT LENGTH 4070 NSBERR EQU CURLEN+1 ERROR COUNTERS 4080 MFLAGS EQU NSBERR+1 INTERNAL TO MESSAGE FLAGS 4090 * 4100 * 4110 *INTERNAL TO MESSAGE FLAGS (MFLAGS) 4120 * 4120 * 4130 LTLONG EQU Z'8000' LINE IS CURRENTLY TOO LONG 4140 IFINAL EQU Z'4000' FINAL DELIVERY FINAL DELIVERY TRAPS CLOCKING READ 4160 * 4170 *
000303       0004         000305       000306         000307       000308         000309       8000         000310       4000         000312       000313         000314       0003         000315       0003         000319       0003         000320       000321         000323       000324         000326       2000         000327       1000         000328       0800         000329       0400         000331       0100         000332       080         000333       0200         000334       000335         000335       0003         000336       0003	4070 NSBERR EQU CURLEN+1  4080 MFLAGS EQU NSBERR+1  4090 *  4100 *  4110 *INTERNAL TO MESSAGE FLAGS (MFLAGS)  4120 *  4130 LTLONG EQU Z'8000'  4140 IFINAL EQU Z'4000'  4150 TRPCLK EQU Z'2000'  4160 *  4170 *
000304       0005         000305       000306         000307       000308         000309       8000         000310       4000         000311       2000         000312       0003         000314       0003         000315       0003         000316       0002         000319       0003         000320       000321         000323       000324         000324       800         000327       1000         000328       0800         000329       0400         000331       0100         000332       0080         000333       0040         000335       0003         000336       0003	4080 MFLAGS EQU NSBERR+1 INTERNAL TO MESSAGE FLAGS 4090 * 4100 * 4110 *INTERNAL TO MESSAGE FLAGS (MFLAGS) 4120 * 4120 * 4130 LTLONG EQU Z'8000' LINE IS CURRENTLY TOO LONG 4140 IFINAL EQU Z'4000' FINAL DELIVERY 4150 TRPCLK EQU Z'2000' FINAL DELIVERY TRAPS CLOCKING READ 4160 * 4170 *
000305         000307         000308         000309       8000         000310       4000         000311       2000         000312       000314         000315       0003         000316       0000         000319       0003         000320       000321         000323       000324         000326       2000         000327       1000         000328       0800         000329       0400         000331       0100         000332       0080         000333       0040         000335       0003         000336       0003	4090 * 4100 * 4100 * 4110 *INTERNAL TO MESSAGE FLAGS (MFLAGS) 4120 * 4120 * 4130 LTLONG EQU Z'8000' LINE IS CURRENTLY TOO LONG 4140 IFINAL EQU Z'4000' FINAL DELIVERY 4150 TRPCLK EQU Z'2000' FINAL DELIVERY TRAPS CLOCKING READ 4160 * 4170 *
000306         000308         000309       8000         000310       4000         000311       2000         000312       000313         000314       0003         000315       0001         000318       0002         000320       000320         000321       000322         000322       4000         000325       4000         000326       2000         000327       1000         000328       0800         000329       0400         000331       0100         000332       0080         000333       0040         000335       0040         000336       000336         000337       0040	4100 * 4110 *INTERNAL TO MESSAGE FLAGS (MFLAGS) 4120 *  4130 LTLONG EQU Z'8000' 4140 IFINAL EQU Z'4000' 4150 TRPCLK EQU Z'2000' 4160 * 4170 *
000307         000309       8000         000310       4000         000311       2000         000312       000313         000314       0003         000315       0001         000318       0002         000319       0003         000320       000321         000323       000324         000326       2000         000327       1000         000328       0800         000329       0400         000331       0100         000332       080         000333       0200         000334       000335         000335       0040         000336       000336         000337       0000	4110 *INTERNAL TO MESSAGE FLAGS (MFLAGS) 4120 *  4130 LTLONG EQU Z'8000' 4140 IFINAL EQU Z'4000' 4150 TRPCLK EQU Z'2000' 4160 * 4170 *
000308       8000         000310       4000         000311       2000         000312       000313         000314       0003         000316       0000         000317       0001         000318       0002         000320       000320         000323       000324         000325       4000         000326       2000         000328       0800         000329       0400         000331       0100         000332       0080         000333       0040         000335       0003         000336       0003         000337       0000	4120 * 4130 LTLONG EQU Z'8000' LINE IS CURRENTLY TOO LONG 4140 IFINAL EQU Z'4000' FINAL DELIVERY 4150 TRPCLK EQU Z'2000' FINAL DELIVERY TRAPS CLOCKING READ 4160 * 4170 *
000309       8000         000310       4000         000311       2000         000312       000313         000314       0003         000316       0001         000318       0002         000320       000320         000321       000323         000325       4000         000326       2000         000327       1000         000328       0800         000329       0400         000331       0100         000332       0080         000333       0040         000335       0003         000336       000336         000337       000336	4130 LTLONG EQU Z'8000' LINE IS CURRENTLY TOO LONG 4140 IFINAL EQU Z'4000' FINAL DELIVERY 4150 TRPCLK EQU Z'2000' FINAL DELIVERY TRAPS CLOCKING READ 4160 * 4170 *
000310       4000         000311       2000         000312       000313         000314       000315         000317       0001         000318       0002         000320       000321         000323       8000         000324       8000         000325       4000         000326       2000         000329       0400         000331       0100         000332       0080         000333       0200         000334       000335         000335       000336         000336       000337	4140 IFINAL EQU Zº4000º FINAL DELIVERY 4150 TRPCLK EQU Zº2000º FINAL DELIVERY TRAPS CLOCKING READ 4160 * 4170 *
000311       2000         000312       000313         000314       000315         000316       0000         000317       0001         000320       000320         000321       000323         000325       4000         000327       1000         000328       0800         000329       0400         000331       0100         000332       0080         000333       0040         000335       0040         000336       000336         000337       0040	4150 TRPCLK EQU Zº2000° FINAL DELIVERY TRAPS CLOCKING READ 4160 * 4170 *
000312         000313         000314         000315         000316       0000         000317       0001         000318       0002         000320       00032         000321       00032         000323       000324         000325       4000         000326       2000         000327       1000         000328       0800         000329       0400         000331       0100         000332       0080         000333       0040         000335       0040         000336       000336         000337       0040	4160 * 4170 *
000313         000315         000316       0000         000317       0001         000319       0003         000320       000321         000323       000324         000325       4000         000326       2000         000328       0800         000329       0400         000331       0100         000332       0080         000333       0040         000335       0040         000336       000336         000337       0040	4170 *
000314         000315         000316       0000         000317       0001         000318       0002         000320       0003         000321       000323         000325       4000         000326       2000         000327       1000         000328       0800         000329       0400         000331       0100         000332       0080         000333       0040         000335       0040         000336       000336         000337       0040	
000315         000317       0001         000318       0002         000319       0003         000320       000321         000323       8000         000325       4000         000326       2000         000327       1000         000328       0800         000329       0400         000331       0100         000332       0080         000333       0040         000335       0003         000336       000336         000337       0040	4180 *MESSAGE STYLE BLOCK DEFINITION
000316       0000         000317       0001         000318       0002         000320       000320         000321       000323         000324       8000         000325       4000         000326       2000         000327       1000         000329       0400         000331       0100         000332       0080         000333       0040         000335       0040         000336       000336         000337       000336         000337       000336	
000317       0001         000319       0003         000320       000321         000322       000323         000324       8000         000325       4000         000326       2000         000327       1000         000329       0400         000331       0100         000332       0080         000333       0040         000335       0040         000336       000336         000337       000336	4190 *
000318       0002         000319       0003         000320       000321         000322       000323         000325       4000         000326       2000         000327       1000         000328       0800         000329       0400         000331       0100         000332       0080         000333       0040         000335       0040         000336       000336         000337       0040	
000319       0003         000320       000321         000322       000323         000325       4000         000326       2000         000327       1000         000328       0800         000329       0400         000331       0100         000332       0080         000333       0040         000335       0040         000336       000336         000337       000336	
000320         000321         000323         000324       8000         000325       4000         000326       2000         000327       1000         000328       0800         000329       0400         000331       0100         000332       0080         000333       0040         000335       0040         000336       000336         000337       000336	
000321         000323         000324       8000         000325       4000         000326       2000         000327       1000         000328       0800         000329       0400         000331       0100         000332       0080         000333       0040         000335       0003         000336       0003         000337       0003	33 4230 STYFGS EQU INPMAX+1 INPUT STYLE BITS
000322         000323         000324       8000         000325       4000         000326       2000         000327       1000         000328       0800         000329       0400         000330       0200         000331       0100         000332       0080         000333       0040         000335       000336         000336       000337	4240 *
000323         000324       8000         000325       4000         000326       2000         000327       1000         000328       0800         000329       0400         000330       0200         000331       0100         000332       0080         000333       0040         000335       000336         000336       000337	4250 *
000324       8000         000325       4000         000326       2000         000327       1000         000328       0800         000329       0400         000330       0200         000331       0100         000332       0080         000333       0040         000335       000336         000337       000337	4260 *DEFINITIONS OF INPUT STYPE BITS
000325       4000         000326       2000         000327       1000         000328       0800         000329       0400         000330       0200         000331       0100         000332       0080         000333       0040         000335       000336         000337       000337	4270 * 1
000325       4000         000326       2000         000327       1000         000328       0800         000329       0400         000330       0200         000331       0100         000332       0080         000333       0040         000335       000336         000337       000337	
000326       2000         000327       1000         000328       0800         000329       0400         000330       0200         000331       0100         000332       0080         000333       0040         000335       000336         000337       000337	
000327       1000         000328       0800         000329       0400         000330       0200         000331       0100         000332       0080         000333       0040         000335       000336         000337       000337	
000328       0800         000329       0400         000330       0200         000331       0100         000332       0080         000333       0040         000335       000336         000337       000337	
000329 0400 000330 0200 000331 0100 000332 0080 000333 0040 000335 000336 000337	
000330 0200 000331 0100 000332 0080 000333 0040 000335 000336 000337	
000331 0100 000332 0080 000333 0040 000335 000336 000337	
000332 0080 000333 0040 000334 000335 000336	
000333 000334 000335 000336 000337	
000334 000335 000336 000337	
000335 000336 000337	The state of the s
000336 000337	4380 ********************
000337	
	4400 * STANDARD DEVICE TYPE ID S *
	<b>4410</b> ★**
000338	4420 *******************
000339 2408	
000340 2010	The state of the s
000341 2118	10 4440 DISKID EQU Z'2010' DIU 9101 DISKETTE
000342 2158	10 4440 DISKID EQU Z'2010' DIU 9101 DISKETTE 18 4450 ASYID EQU Z'2118' ASYNCHRONOUS CHANN''EL ID FOR MLCP
	10 4440 DISKID EQU Z'2010' DIU 9101 DISKETTE 18 4450 ASYID EQU Z'2118' ASYNCHRONOUS CHANN''EL ID FOR MLCP

0007/7			
000343		5000 /EJECT	
000344		5010 *	
000345		5020 *COUPLER CONTROL BLOCK DEFINITIONS	
000346		5030 *	
000347	0.000	5040 *LEAVE ROOM FOR QUEUEING PRIORITY AND LINK	
000348	0002	5050 USERQ EQU 2 QUEUE OF USERS CONNECTED TO THIS COUPLER	
000349	0005	5060 CPFLGS EQU USERQ+3 FLAGS CONTROLLING FLOW	
000350	0006	5060 CPFLGS EQU USERQ+3 FLAGS CONTROLLING FLOW 5070 COUPST EQU CPFLGS+1 COUPLER I/O STATE 5080 *	
000351		5080 * 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
000352	0007	5080 * 5090 PSBCLK EQU COUPST+1 PLEASE STAND BY CLOCK 5100 PSBCNT EQU PSBCLK+1 PLEASE STAND BY COUNTER 5110 DEADCT EQU PSBCNT+1 DEAD CONNECTION COUNT 5120 *	
000353	0008	5100 PSBCNT EQU PSBCLK+1 PLEASE STAND BY COUNTER	
000354	0009	5110 DEADCT EQU PSBCNT+1 DEAD CONNECTION COUNT	
000355		5120 *	
000356	000A	5130 OMSGEB EQUI DEADCT+1 FIRST BUFFER OF OUTPUT MESSAGES	
000357	000в	5140 OMSGFP EQU OMSGFB+1 ASSOCIATED POINTER	
000358	000c	5140 OMSGFP EQU OMSGFB+1 ASSOCIATED POINTER 5150 OMSGLB EQU OMSGFP+1 LAST BUFFER OF OUTPUT MESSAGES	
000359	0000	5160 GMSGLP EQU OMSGLB+1 ASSOCIATED POINTER	
000360	000E	5170 IMSGBP EQU OMSGLP+1 INPUT BUFFER PARSE POINTER 5180 IMSGCM EQU IMSGBP+1 INPUT COMMAND/LENGTH	
000361	000F	5180 IMSGCM EQU IMSGBP+1 INPUT COMMAND/LENGTH	
000362	0010	5190 IMSGLN EQU IMSGCM+1 INPUT PORT(LINE)	
000363	0011	5200 IMSGEN EQU IMSGEN+1 STARTING BLOCK OF MESSAGE 5210 *	
000364		- 5210 ★ 41 - 41 - 42 - 14 - 42 - 15 - 42 - 43 - 43 - 43 - 43 - 43 - 43 - 43	
000365	0012	5220 SPICMD EQU IMSGBK+1 SPECIAL INTERRUPT COMMAND	
000366	0013	5230 TAL66 EQU SPICMD+1 H66 REQUESTED IO WORDS	
000367	0014	5240 TAL6 EQU TAL66+1 LEVEL6 ALLOWED TO WORDS	
000368	0015	5250 IOWDS EQU TAL6+1 ACTUAL NUMBER OF WORDS IO ED	
000369	0016	5260 L6BUFR EQU IOWDS+1 IO ADDRESS IN LEVEL6	
000370	0017	5270 H66DTA EQU L6BUFR+1	
000371	0019	5280 MBXLOC EQU H66DTA+2 LOCATION OF MAILBOX IN HIS6600	
000372	001B	5290 MBXPKG EQU MBXLOC+2 CONTENTS OF HIS6600 MAILBOX	
000373	0024	5300 STSLOC EQU MBXPKG+9 LOCATION OF STATUS IN HIS6600	
000374	0026	5310 STATUS EQU STSLOC+2 CONTENTS OF STATUS WRITTEN TO HIS66	00
000375	002B	5320 CIVDEV EQU STATUS+5 LAST DEV WORD FROM INTERRUPT	
000376	002c	5330 LSTSTS EQU CIVDEV+1 LAST HARDWARE STATUS READ	
000377	002E	5340 SPISTS EQU LSTSTS+2 SPURIOUS INTERRUPT STATUS	
000378		5350 <b>★</b>	
000379	0030	5360 DCWLST EQU SPISTS+2 DCW LIST FOR 10 OPERATIONS	
000380	*	5370 *	
000381	003C	5380 CPLRBL EQUIDOWLST+12 COUPLER BLOCK LENGTH	
000382		5390 **	
000383		5400 / *	
000384		5410 *DEFINITIONS OF COUPLER FLAGS	
000385		5420 *	
000386	8000	5430 IOBUSY EQU Z'8000' BUSY DOING TERMINATE REQUIRED I/O	
000387	4000	5440 BUFBSY EQU Z 4000 BUFFER ACTIVE	
000388	2000	5450 SLRDCK EQU Z 2000 SLOW READS CLOCK RUNNING	
000389		5460×**	
000390	0800	5470 RLDSET EQU Zº0800° RELOAD AT EVERY REQUEST	
000391	0400	5480 LERSET EQU Z 10400 LEVELE HAS RESET ALL USERS	

L	SOFTWARE		TOTALLATE THE MODELLE	R DTSS L-6 HOST RESIDENT FACILITY PAGE
000392		5490 /EJECT		
000393		5500 ★		
000394		5510 *CONTRO	L INFORMATION FOR COUP	LER
000395		5520 ★		
000396	0020	5530 L66RDC	EQU Z'0020'	AGREED CONSTANT FOR READ
000397	0030		EQU Z 10030	
000398		5550 *		
000399	0004		EQU 4 MBX IS 4 W	ORDS ON H66 SIDE
000400	0002		EQU 2 STATUS IS	
000401	0200		EQU 512 L6 LENGTH	
000402	3233	5590 *		
000403		5600 *		
000404			O INTERRUPT CELLS	
000405		5620 *	O INTERNOTT CELES	
000406	0003		EQU 3 INITIATE/T	EDMINATE.
000407	0007			
000408	000,	5650 *	ERO / SPECIAL	
000409	0003		EOU 7 10007 1 4 100 2	INTERRUPT HIS6600
000407	0003	5670 *	EQU 2 0003 + \$100H3	INTERRUPTORISOOUU
000410		5680 *	en e	
000411			LANEOUS 14 TO INCODMAT	TAN
000412			LANEOUS L6 10 INFORMAT	I ON
000413	0.011	5700 *	FO.1. O. D. D. 11. 4	000000000000000000000000000000000000000
000414	0011		EQU CPLRLV+1	SPECIAL INTERRUPT (FROM HIS6600)
000415	0012 0013		EQU COUPSL+1	TERMINATE INTERRUPT FOR L6 OPERATION
	0013		EQU COUPTL+1	SLAVE BUFFER PROCESSING LEVEL
000417		5750 *		
000418		5760. *DCW.CO	MMANUS	
000419	0.070			
000420	0038		EQU Z 10038	DISCONNECT AND INTERRUPT
000421	0030	5790 DW6166		XFER L6 TO H66
000422	003E		EQU Z 003E	XFER H66 TO L6
000423	003C	5810 DWCNFG	EQU Z '003C'	STORE CONFIGURATION STATUS
000424		5820 ★		
000425	0018		EQU 2*6*2 LENGTH OF	OUR DCW. LISTS
000426		5840 * -		
000427			RANSFER MODES	en e
000428		5860 *		
000429	0001	5870 ASCMOD		ASCII MODE
000430	0002	5880 BCDMOD		BCD MODE
000431	0003	5890 BINMOD	EQU Z '0003'	BINARY MODE
000432	0011	5900 TLAMOD	EQU Z'0011'	TRANSLITERATION MODE A
000433	0021	5910 TLBMOD	EQU Z'0021'	TRANSLITERATION MODE B
000434	0041	5920 MSBMOD	EQU Z 100411	ASCII MODE WITH MSB TEST
000435	0051	5930 TLCMOD	EQU Z'0051'	TRANSLITERATION MODE A WITH MSB TEST
000436	0061	5940 TLDMOD	EQU Z 0061	TRANSLITERATION MODE B WITH MSB TEST

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000437			5950 /EJECT		
000438			5960 *		
000439		•	5970 *PENDING STATE	S FOR COUPLER SOFTWARE	
000440			5980 *		
000441	0000		5990 CIDLE EQU O	IDLE	
000442	0001		6000 MBXRD EQU 1	MBX READING STATE	
000443	0002		6010 IOXFR EQU 2	IO TRANSFER STATE	
000444	0003		6020 STSWT EQU 3	STATUS WRITE STATE	
000445	0004		6030 CFGRD EQU 4	CONFIGURATION READ	

DBTL	SOFTWARE	-SAF 1981/12/24 10:12:47 HRF ASSEMBLER DTSS L-6 HOST RESIDENT FACILITY PAGE 001
000446		10000 /EJECT ** DISKETTE BOOTSTRAP ROUTINE **
000447		10010 ******************************
000448		10020 * THE BOOTSTRAP STEPS ARE:
000449		10030 * 1. READ TRACK O. SECTORS 5-25 (TRAP ROUTINES, ETC)
000450		10040 * 2. READ TRACK O. SECTORS 1-4 (TRAP VECTORS, 0-100 (16))
000451		10050 * 3. READ TRACKS 1. ON
000452		10060 * 4. CLIMB THROUGH LEVEL 4 VECTOR
000453		10070 *******************************
000454		10080 *
000455		10090 *BOOTLOAD SOFTWARE AND LOW CORE DEFINITIONS
000456		.10100 *
000457		10110 XDEF SERROR LEVEL WHERE CRASH OCCURRED
	013A	
000458		10120 XDEF MODULE LIST OF MODULE POINTERS
	0366	
000459		10130 XDEF TRAPER COMMON TRAP CATCH
	035F	TO TOO NOT THAT EN
000460	0331	10140 XDEF \$TSALS
000400	0010	TOTTO NOET WIGHLS
000461		10150 XDEF \$RTCLK,\$WDTMR
000401	0014	TOTSO ADEL DRICERY DIVING
	0017	
000462	30 . ,	10160 XDEF \$INTBT INTERRUPT SCHEDULE BITS
000402	0020	10190 YACL PIMIDI INTERROLI SCREDULE DIIS
000463	0020	10170 XDEF \$BOOT
000403	0100	TOTTO ADEF \$6001
000464	0100	10180 XDEF \$TV01,\$TV02,\$TV03,\$TV04,\$TV05
000494	007F	10190 XBEF 21401321405321404321403
	007F	
	007E	
	007b	
000775	007B	40400 VARE ATUDA ATUDA ATUDO ATUAO
000465	0074	10190 XDEF \$TV06,\$TV07,\$TV08,\$TV09,\$TV10
	007A	
	0079	
	0078	
	0077	
000111	0076	
000466	00.75	10200 XDEF \$TV11,\$TV12,\$TV13,\$TV14,\$TV15
	0075	
	0074	
	0073	
	0072	
	0071	
000467		10210 XDEF \$TV16,\$TV17,\$TV18,\$TV19,\$TV20
	0070	
	00 6 F	en de la companya de La companya de la co
	006E	
	006D	
	006C	
000468		10220 XDEF \$TV21,\$TV22,\$TV23,\$TV24,\$TV25
	0068	

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	00 6 A						A Company				
	0069										
	0068										
	0067										
000469			10230	XDEF	\$TV26,\$TV2	7.\$TV2	8,\$TV29,\$TV30				
	0066										
	0065										
	0064										
	0063										
	0062										
000470			10240	XDEE	\$TV31.\$TV3		3,\$TV34,\$TV35				4
	0061										
	0060										
	005 F										
	00 5 E										
	005D										
000471			10250	YDEF	\$TV36.\$TV3	7.4113	8,\$TV39,\$TV40				
000+1+	005c		10230 3	NULI.	J143074143		3741437741446				
	005B										
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000472	2000		10260	YNEE	\$TV41.\$TV4		3,\$TV44,\$TV45				
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	0053										
000473	30 2 3		10270	Y D E E	TV46						
000415	00.52		102/0	AUEF.	#1.V40						

DBTL	SOFTWARE	-SAF 1981/12/24	10:12:47	HRF ASSEMBLER	DTSS L-6 HOST RESIDENT FACILITY PAGE 001
000474		10280 /EJECT		•	
000475		10290 *			
000476		10300 * BOOTL	OAD SOFT	VARE AND LOW CORE	DEFINITIONS
000477		10310 *	*		
000478		10320 *	DEFINIT	IONS	
000479	0068	10330 HEADRS	EQU	104	NUMBER OF FORMAT BYTES/TRACK ON DIU9101
000480	0000	10340 ZERO	EQU	0	
000481	0001	10350 ONE	EQU	1	
000482	0002	10360 TWO	EQU	2	
000483		10370 *	the second second	A	
000484		10380 *	REGISTE	R DEFINTIONS	
000485	0020	10390 RANGE	EQU	\$R2	NUMBER OF BYTES
000486	0020	10400 CHANEL	EQU	\$R1	CHANNEL (WITH DIRECTION)
000487	0020	10410 TRACK	EQU	\$R4	TRACK NUMBER
000488		10420 *		• •	
000489	0020	10430 TRNS	EQU	\$B6	SUBROUTINE RETURN REGISTER
000490	0020	10440 BASE	EQU	\$B7	CURRENT SEGMENT BEGINNING
000491		10450 *			
000492		10460 *	DISKETI	E OPERATION CODE	<b>S</b>
000493	0009	10470 O\$ADDR	EQU	z'0009'	MEMORY ADDRESS SET
000494	0000	10480 0\$RANG	EQU	z * 000 D *	SET TRANSFER LENGTH IN BYTES
000495	0011	10490 OSCWA	EQU	z • 0011 •	SET TRACK&HEAD
000496	0013	10500 05CWB	EQU	z'0013'	SET SECTOR NUMBER
000497	0003	10510 O\$INTC	EQU	z'0003'	SET INTERRUPT CONTROL WORD
000498	0007	10520 0\$TASK	EQU	z'0007'	OUTPUT TASK REG (READ&WRITE)
000499	0001	10530 OSCNTL	EQU	z'0001'	SET CONTROL WORD
000500	000,	10540 *			
000501	000c	10550 I\$RANG	EQU	z • 000 c •	READ RANGE REG
000502	0010	10560 ISCWA	EQU'	z'0010'	READ TRACK&HEAD
000503	0012	10570 I\$CWB	EQU	z 0012	READ SECTOR NUMBER
000504	0002	10580 ISINTC	EQU	z'0002'	READ INTERRUPT CONTROL
000505	0026	10590 I\$DVID	EQU	z • 0026 •	GET DEVICE TYPE
000506	0006	10600 ISTASK	EQU	z'0006'	READ TASK REG
000507	0018	10610 I\$STAT	EQU	z'0018'	GET STATUS
000508	55.5	10620 *	240	2 00.0	OLI SIRIOS
000509		10630 *	DEVICE	ORDERS (DATA BUS	COMMANDS
000510	0000	10640 ORCALS	EQU	Z*0000*	RECALIBRATE
000511	. 0100.	10650 OSEEK\$	EQU	z'0100'	SEEK
000512	8000	10660 OFRMT\$	EQU	z * 800 0 *	FORMATTED WRITE
000512	8100	10670 ORWS	EQU	z*8100*	READ/WRITE DATA
000514	8500	10680 ODDRW\$	EQU	z * 8500 *	
000515	8300	10690 ODRW\$	EQU	z*8300*	DELETED DATA READ/WRITE
000516	0000	10700 OWRAP\$	EQU	Z*C000*	DIAGNOSTIC READ/WRITE
000517			בעט	2 . 0000	WRAPAROUND READ/WRITE
000517		10710 *			
000518	0100	10720 *	5011	7 1 0 1 0 0 1	TO STATE OF THE PROPERTY OF THE PROPERTY OF
	0100	10730 U	EQU	z • 0100 •	UPPER HALF ADJUSTER
000520		10740 *			
000521		10750 *			
000522	0.5.00	10760.*		E DEFINTIONS	
000523	0000	10770 TRKSIZ	EQU	26 * 12 8	BYTE PER TRACK
000524 000525	0080	10780 SECSIZ	EQU	128	BYTES PER SECTOR
000077	0280	10790 LOWSEC	EQU :	5 * 128	BYTES OF SHUFFLED LOW MEMORY

BTL	SOFTWARE	-SAF 1981/12/24	10:12:47	HRF ASSEMBLER	DTSS L-6 HOST RESIDENT FACILITY PAGE 0016
000526		10800 /EJEC	т		
000527		10810 *			
000528		.10820 *			
000529		10830	XLOC	ENDING	END OF CONGLOMERATION
000530		10840	XDEF	\$IVECT	
	0080				
000531		10850	XDEF	START	BEGINNING MARKER
	0100				
000532		10860	XLOC	INIT	REAL SOFTWARE INIT

000===								
000533				/EJECT				
000534			10880				an i sa sa sa	
000535							and the second second	*******
000536			10900			G SURREALISTI	The state of the s	
000537			10910			TO CORRECTLY		
000538			10920			THE REST OF TH		
000539					*****	*****	*****	*****
000540			10940	*				
000541	0000	0000	10950		RESV	16,z'0000'		OOX TO OFX
000542	0010	02 E 1		STSALS	DC	<tsabko< td=""><td></td><td></td></tsabko<>		
000543	0011	0000	10970		RESV	3.Z*0000*		11X TO 13X
000544	0014	0000		\$RTCLK	RESV	3.Z'0000'		REAL TIME CLOCK LOCATIONS
000545	0017	0000	10990	\$ W D T M R	DC	z • 000 0 •		WATCH DOG TIMER
000546	0018	0000	11000		RESV	8, Z * 0000 *		18X THRU 1FX
000547	0020	0000	11010	\$INTBT	RESV	4,z'0000'		INTERRUPT SCHEDULE BITS
000548			11020	. <b>★</b>				
000549			11030	* TRAP	VECTORS			
000550			11040	*				
000551	0024	0000	11050		RESV	46 Z 100001		UNUSED PORTION OF SAF TRAP VECTOR
000552	0052	02 F E		\$TV46	DC	SHLTP 46		TRAP VECTOR 46
000553	0053	0300		\$TV45	DC	<b><hltp45< b=""></hltp45<></b>		TRAP VECTOR 45
000554	0054	0302		\$TV44	DC	<hltp44< td=""><td></td><td>TRAP VECTOR 44</td></hltp44<>		TRAP VECTOR 44
000555	0055	0304		\$TV43	DC	CHLTP 43		TRAP VECTOR 43
000556	0056	0306		\$TV42	DC	<hltp 42<="" td=""><td></td><td>TRAP VECTOR 42</td></hltp>		TRAP VECTOR 42
000557	0057	0308	11110		DC	<hltp 41<="" td=""><td></td><td>TRAP VECTOR 41</td></hltp>		TRAP VECTOR 41
000558	0058	030A		\$TV40	DC	<hltp40< td=""><td></td><td>TRAP VECTOR 40</td></hltp40<>		TRAP VECTOR 40
000559	0059	030c		\$TV39	DC	CHLTP 39		TRAP VECTOR 39
000560	00 5 A	030E		\$TV38	DC	<hltp38< td=""><td></td><td>TRAP VECTOR 38</td></hltp38<>		TRAP VECTOR 38
000561	00 5 B	0310		\$TV37	DC	<hltp 37<="" td=""><td></td><td>TRAP VECTOR 37</td></hltp>		TRAP VECTOR 37
000562	00 5 C	0312		\$TV36	DC	CHLTP 36		TRAP VECTOR 36
000563	005D	0314		\$TV35	DC	CHLTP 35		
000564	00.5E	0316		\$TV35				TRAP VECTOR 35
000565	00 5 F			\$TV34	DC	CHLTP 34		TRAP VECTOR 34
000566	0060				DC	CHLTP 33		TRAP VECTOR 33
				\$TV32	DC	<hltp 32<="" td=""><td></td><td>TRAP VECTOR 32</td></hltp>		TRAP VECTOR 32
000567				\$TV31	DC	<hltp31< td=""><td></td><td>TRAP VECTOR 31</td></hltp31<>		TRAP VECTOR 31
000568	0062	031E		\$TV30	DC	<hltp30< td=""><td></td><td>TRAP VECTOR 30</td></hltp30<>		TRAP VECTOR 30
000569	0063	0320		\$TV29	D C	<hltp 29<="" td=""><td></td><td>TRAP VECTOR 29</td></hltp>		TRAP VECTOR 29
000570	0064	0322		\$TV28	DC	<hltp28< td=""><td></td><td>TRAP VECTOR 28</td></hltp28<>		TRAP VECTOR 28
000571	0065	0324		\$TV27	DC	<hltp27< td=""><td></td><td>TRAP VECTOR 27</td></hltp27<>		TRAP VECTOR 27
000572	0066	0326		\$TV26	DC	<hltp 26<="" td=""><td></td><td>TRAP VECTOR 26</td></hltp>		TRAP VECTOR 26
000573	0067	0328		\$TV25	DC	<hltp25< td=""><td></td><td>TRAP VECTOR 25</td></hltp25<>		TRAP VECTOR 25
000574	0068	032A		\$TV24	DC	<hltp24< td=""><td></td><td>TRAP VECTOR 24</td></hltp24<>		TRAP VECTOR 24
000575	0069	03 2 C		\$TV23	DC	<hltp 23<="" td=""><td>T 44</td><td>TRAP VECTOR 23</td></hltp>	T 44	TRAP VECTOR 23
000576	006A	032E	11300	\$TV22	DC	<hltp 22<="" td=""><td></td><td>TRAP VECTOR 22</td></hltp>		TRAP VECTOR 22
000577	006B	0330	11310	\$TV21	DC	<hltp 21<="" td=""><td></td><td>TRAP VECTOR 21</td></hltp>		TRAP VECTOR 21
000578	0060	0332	11320	\$TV20	DC .	<hltp20< td=""><td></td><td>TRAP VECTOR 20</td></hltp20<>		TRAP VECTOR 20
000579	0060	0334	11330	\$TV19	DC	<hltp19< td=""><td></td><td>TRAP VECTOR 19</td></hltp19<>		TRAP VECTOR 19
000580	006E	0336		\$TV18	DC	<hltp18< td=""><td></td><td>TRAP VECTOR 18</td></hltp18<>		TRAP VECTOR 18
000581	006F	0338		\$TV17	DC	<hltp17< td=""><td></td><td>TRAP VECTOR 17</td></hltp17<>		TRAP VECTOR 17
000582	0070	033A		\$TV16	DC	<hltp16< td=""><td></td><td>TRAP VECTOR 16</td></hltp16<>		TRAP VECTOR 16
000583	0071	033C		\$TV15	DC	CHLTP 15		TRAP VECTOR 15
000584	0072	033E		\$TV14	DC	CHLTP14		TRAP VECTOR 14
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000585	0073	0340		11390 \$TV13	DC	<hltp13< td=""><td>TRAP VECTOR 13</td></hltp13<>	TRAP VECTOR 13
000586	0074	0342		11400 \$TV12	DC	<hltp 12<="" td=""><td>TRAP VECTOR 12</td></hltp>	TRAP VECTOR 12
000587	0075	0344		11410 STV11	D C	<hltp 1.1<="" td=""><td>TRAP VECTOR 11</td></hltp>	TRAP VECTOR 11
000588	0076	0346		11420 STV10	DC	<http: <="" td=""><td>TRAP VECTOR 10</td></http:>	TRAP VECTOR 10
000589	0077	0348		11430 \$TV09	DC	<hltp09< td=""><td>TRAP VECTOR 09</td></hltp09<>	TRAP VECTOR 09
000590	0078	034A		11440 \$TV08	DC	<hltp08< td=""><td>TRAP VECTOR 08</td></hltp08<>	TRAP VECTOR 08
000591	0079	034C		11450 \$TV07	DC	<hltp07< td=""><td>TRAP VECTOR 07</td></hltp07<>	TRAP VECTOR 07
000592	007A	034E		11460 \$TV06	DC	<hltp06< td=""><td>TRAP VECTOR 06</td></hltp06<>	TRAP VECTOR 06
000593	007B	0350		11470 \$TV05	DC	<hltp05< td=""><td>TRAP VECTOR 05</td></hltp05<>	TRAP VECTOR 05
000594	007C	0352		11480 \$TV04	DC	<hltp04< td=""><td>TRAP VECTOR 04</td></hltp04<>	TRAP VECTOR 04
000595	007D	0354		11490 \$TV03	DC	<hltp03< td=""><td>TRAP VECTOR 03</td></hltp03<>	TRAP VECTOR 03
000596	007E	0356		11500 \$TV02	DC	<hltp02< td=""><td>TRAP VECTOR 02</td></hltp02<>	TRAP VECTOR 02
000597	007F	035C		11510 \$TV01	DC	<hltp01< td=""><td>TRAP VECTOR 01</td></hltp01<>	TRAP VECTOR 01
000598				11520 *			
000599				11530 *			
000600				11540 * INTE	RRUPT VECT	ORS	
000601				11550 *			
000602		0080		11560 \$IVECT	EQU	\$	80X START OF INTERRUPT VECTOR
000603	0080	02 C C		11570	DC	<erriv< td=""><td>LOCATION OF POWER FAIL/CRASH VECTOR</td></erriv<>	LOCATION OF POWER FAIL/CRASH VECTOR
000604	0081	0000		11580	DC	z • 000 0 •	LOCATION OF WATCH DOG TIMER VECTOR
000605	0082	0284		11590	DC	<tsoviv< td=""><td>LOCATION OF TRAP SAVE AREA OVERFLOW VECTOR</td></tsoviv<>	LOCATION OF TRAP SAVE AREA OVERFLOW VECTOR
000606	0083	0000		11600	DC	z • 000 0 •	HANG LEVEL
000607	0084	029c		11610	DC	<initiv< td=""><td>INITIALIZATION THEN REAL TIME CLOCK</td></initiv<>	INITIALIZATION THEN REAL TIME CLOCK
80000	0085	0000		11620	RESV	58,Z'0000'	INTERRUPT VECTORS US THRU 62 ARE PROGRAMMED
000609	00 B F	0284		11630	DC	<idle i="" td="" v<=""><td>LOCATION OF IV63 WHICH IS IDLE VECTOR</td></idle>	LOCATION OF IV63 WHICH IS IDLE VECTOR
000610				11640 *			
000611	00 c 0	0000		11650	RESV	64,Z'0000'	UNUSED PORTION OF SAF INTERRUPT VECTOR

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000612		11660 /EJECT	T CODE STARTING POINT	
000613		11670 *		
000614		11680 *		
000615		11690 * BOOT	TLOAD SOFTWARE (STARTS A	T 0100x)
000616		11700 *		
000617		11710 * REAL	L TIME CLOCK AND WATCH (	OG TIMER ARE ASSUMED OFF AFTER BOOTLOAD
000618		11720 *		
000619		11730 *		
000620		11740 *****	******	**********
000621		11750 * FIR	RST EXECUTION STEP -	
000622		.11760 * R	READ TRACK O. SECTORS 5-	25
000623		11770 ★ G	GETS THE TRAP ROUTINES.	ETC
000624		11780 *	IN PARTICULAR, GETS RES	T OF BOOTSTRAP
000625	,	11790 START	RESV O	MARK START FOR DISKETTE WRITER
000626		11800 \$BOOT	RESV O	START OF BOOTSTRAP
000627 0	100 ABCO 0027	11810	LAB \$B2.CMDLIS	SET STANDARD COMMAND LIST PTR
000628 0	102 4000	11820	LDV TRACK, ZERO	DO TRACK ZERO FIRST
000629 0	103 A870 OA80	11830		SIZ-LOWSEC "DO ALL BUT FIRST FIVE SECTORS NOW
000630 01	105 FB80 0480	11840	LAB BASE, MORE	2 SET HIGHER BASE
000631 0	107 E3CO 0003	.11850	LNJ TRNS.READ	READ MOST OF TRACK 0
000632 0	109 OF80 0240	11860	B <cont< td=""><td>TRICKY BOOTSTRAP TRANSFER</td></cont<>	TRICKY BOOTSTRAP TRANSFER

DBTL		SOFTWARE	-SAF	1981/	12/24	10:12:47	HRF ASSEMBLER		DTSS L-6 HOST RESIDENT FACILITY P	AGE 0020
000633				11870	/EJECT	** ROUTINE	TO READ FROM DI	SKETTE	**	
000634				11880	*****	*****	*****	***	* * * * * * * * * * * * * * * * * * *	
000635				11890	* REAL	ROUTINE	USING REGISTERS	FOR PA	RAMETERS	
000636				11900	* Ti	HE COMMAND	LIST AND DATA L	IST AR	(E)	
000637				11910			NGTH AND PRESET			
000638							IM. & SECNUM ARE			
000639							*****			
000640				11940	READ	RESV	0			
000641				11950						
000642				11960	* ON I	IPUT				
000643				11970	* 1000	R1 = CH/	NNEL NUMBER			
000644				11980		R2 = RAN				
000645				11990			AS COMMAND LIST	OFFSET		
000646				12000			CK NUMBER			
000647				12010			A LOCATION PTR			
000648				12020			URN POINTER			
000649				12030			ATA LIST POINTER			
000650				12040		W. Chin	OMMAND LIST POIN			
000651				12050						
000652		3F27		12060		EQU	z'3F27'		BAD STATUS BITS	
000653		1616		12070		EQU	Z'1616'		BAD STATUS FLAG	
000654		003F		12080		EQU	z'003f'		COMMAND MASK	
000655		0051		12090		240	2 0051		COMMINITERMENT	
000656	0108	AF00 012D		12100	-	STR	RANGE . < LENGTH		SET RANGE REG	
000657		FF CO 001E		12110		STB	BASE, DATLOC		STUFF MEMORY ADDRESS	
000658		C780 012E		12120		STH	TRACK -< TRKNUM		STUFF TRACK NUMBER	
000659	0101	CIOU UIZE		12130		3111	TRACK > CIRCHOM		STOFF TRACK NUMBER	
000660	0111	BB C 0 001A		12140	•	LAB	\$B3,DATLIS		SET DATA LIST PTR AFRESH	
000661	0113			12150		LDV	\$R3,ZER0		NOTHING DONE YET	
000662	0115	5000		12160	•	EDV	3K372 EKO		NOTHING DONE TELL	
000663				12170		RESV	0			
000664	0114	3008		12180	TOLUUF	CMV	\$R3.DATLEN		DONE YET?	
000665	0115	0980		12190		BNE	>+\$A		NOPE	
000666	0116			12200		JMP	TRNS		YEP	
000667	0110	0300				JME	IRINS		TEP 4	
000668				12210		DECV	0			
000669	0117	E2 E E		12220 12230	⊅ A	RESV	0 #84 #63 +#87		CET COMMAND	
000670				12240		LLH	\$R6,\$82.+\$R3		GET COMMAND GET DATA BUS INFO	
000670	UIIO	0013		12250	<b>#</b> D	LDR	\$R5,+\$B3		GET DATA BUS INFO	
000672	0110	E / E 4			<b>3</b> B	RESV	•		CET CHANNEL ALCO	
	0119			12260		OR	\$R6,=CHANEL		GET . CHANNEL ; ALSO .	
000673	011A			12270		10	=\$R5,=\$R6			
000474	011B	0000		12220						
000674	0445	EE 30 003-		12280	<b>x</b> 1.	4 44 %	Mn /		TOOLATE COMMAND	
000675	011C			12290		AND	\$R6,=MASK		ISOLATE COMMAND	
000676	011E			12300		CMV	\$R6,I\$STAT		STATUS CHECK?	
000677	011F	U915		12310		BNE	>IOLOOP		NOPE, DON'T WORRY BOUT IT	
000678	0.4.5.5			12320	*					
000679	0120			12330		BIOF	>-\$B		AWAIT COMPLETION	
000680		D570 3F27		12340	•	AND	\$R5,=BADSTS	,	STATUS OK?	
000681	0123	5971		12350		BEZ	\$R5,>IOLOOP		SORIGHT	
000682				12360	*		e de la companya de l	-		
000683	0124	9870 1616		12370		LDR	\$R1,=HALT		SET FLAG	

DBTL	SOFTWARE	-SAF	1981/12/24	10:12:47 H	RF ASSEMBLER	DTSS L-6 HOST RESIDENT FACILITY PAGE 0021
000684 0126 000685	8E70 0000		12380 12390 *	LEV	=\$LVDIE	PLAY TAPS
000686			12400 CMDLIS	RESV	0	
000687 0128	090b		12410	DC	O\$ADDR*U+O\$RANG	SET START & LENGTH
000688 0129	11.13		12420	DC	OSCWA + U+OSCWB	SET SEEK & SECTOR
000689 012A	0718		12430	DC	O\$TASK*U+I\$STAT	SEEK & DESTROY
000690 0128	0718		12440	DC	O\$TASK*U+I\$STAT	READ TASK
000691			12450 *			
000692			12460 DATLIS	RESV	. 0	
000693 0120	* * *		12470 DATLOC	D C	0	START ADDRESS
000694 0120			12480 LENGTH	D.C.	· · · · · · · · · · · · · · · · · · ·	RANGE
000695 0126			12490 TRKNUM	DC	· · <b>0</b>	TRACK NUMBER
000696 012F			12500 SECNUM	DC	LOWSEC/SECSIZ*U	STARTING SECTOR
000697. 0130			12510	DC	OSEEK\$	SEEK ORDER
000698 0131			12520	DC	<b>0</b>	FOR STATUS
000699 0132			12530	DC	ORW\$	READ DATA ORDER
000700 0133	0000		12540	DC	. O	FOR STATUS
000701	0134		12550 DATEND	EQU	.\$	MARK LIST END
000702	0008		12560 DATLEN	EQU	S-DAT-LIS	
000703		•	12570 *****	*****	*****	******
000704			12580 *		A AREA OVERFLOW	
000705			12590 TSAOVR			
000706 0134			12600	STS	< S E R R O R	
000707 0136	3E70 0000		12610	LEV	=\$LVDIE	ADIOS
000708			12620 \$B	RESV	0	
000709 0138			12630	HLT	· · · · · · · · · · · · · · · · · · ·	
000710 0139	OFFF		12640	В	>-\$8	
000711			12650 *			
000712 013A	0000		12660 SERROR	DC	Z'0000 LEVEL SAVIO	R

DBTL		SOFTWARE	-SAF. 1981/12/24	10:12:47	HRF ASSEMBLER	DTSS L-6 HOST RESIDENT FACILITY PAGE 0022
000713			12670 /	REGRETT	ABLE TRICKY, KLUDGE	FOR BOOTSTRAPPING
000714	0140		12680	ORG	\$800T+X*0040*	SPACE FOR SECTOR SCHISM
000715		0140	12690 MORE	EQU	<b>\$</b>	START OF BOOTSTRAP CONTINUATION
000716	0134		12700	ORG	DATEND	RESET PC FOR RESERVATION
000717	0134	0000	12710	RESV	(MORE - DATEND) . Z .	0000 "SPACE FOR SECOND PART OF BOOTSTRAP
000718	0140		12720	ORG	\$BOOT + X * 0040 *	RESET PC FOR REAL
					•	

TL		SOFTWARE	-SAF	1981.	/12/24	10:12:47 H	RF ASSEMBLER		DTSS L-6 HOST RESIDENT FACILISTY. PAGE C
000719				12730	/EJECT				
000720				12740	*				
000721				12750	* . Ti	HE FOLLOWING	REAL TRAP VE	CTORS	ETC ARE PUT TO DISKETTE
000722				12760	*	SECTORS 1-4	BUT READ INT	0 0-FF	
000723			1	12770	*			4 / 11 /	
000724	0140	0000		12780		RESV	16.Z * 0000 *		OOX TO OFX
000725	0150	02E1		12790	TSALS	DC	<tsabko< td=""><td></td><td>FIRST TRAP BLOCK (10X)</td></tsabko<>		FIRST TRAP BLOCK (10X)
000726	0151	0000		12800		RESV	3.Z*0000*		11x TO 13x
000727	0154	0000		12810	RTCLK	RESV	3.2"0000"		REAL TIME CLOCK LOCATIONS
000728	0157	0000		12820	WDTMR	DC	z • 0000 •		WATCH DOG TIMER
000729	0158	0000		12830		RESV	8.Z'0000'		18X THRU 1FX
000730	0160	0000		12840	INTBT	RESV	4. Z'0000'		INTERRUPT SCHEDULE BITS
000731				12850	*				
000732						VECTORS			
000733				12870					
000734	0164	0000		12880		RESV	46,Z'0000'		UNUSED PORTION OF SAF TRAP VECTOR
000735	0192	02 F E		12890	TV46	DC	<hltp46< td=""><td></td><td>TRAP VECTOR 46</td></hltp46<>		TRAP VECTOR 46
000736	0193	0300		12900		DC	<hltp 45<="" td=""><td></td><td>TRAP VECTOR 45</td></hltp>		TRAP VECTOR 45
000737	0194	0302		12910		DC	<hltp44< td=""><td></td><td>TRAP VECTOR 44</td></hltp44<>		TRAP VECTOR 44
000738	0195	0304		12920		DC	<hltp 43<="" td=""><td></td><td>TRAP VECTOR 43</td></hltp>		TRAP VECTOR 43
000739	0196	0306		12930		DC	<hltp 42<="" td=""><td>i an</td><td>TRAP VECTOR 42</td></hltp>	i an	TRAP VECTOR 42
000740	0197	0308		12940		DC	<hltp41< td=""><td></td><td>TRAP VECTOR 41</td></hltp41<>		TRAP VECTOR 41
000741	0198	03 0 A		12950		DC	<hltp40< td=""><td></td><td>TRAP VECTOR 40</td></hltp40<>		TRAP VECTOR 40
000742	0199	030¢		12960		DC	CHLTP 39		TRAP VECTOR 39
000743	019A	030E	•	12970		DC	<hltp38< td=""><td></td><td>TRAP VECTOR 38</td></hltp38<>		TRAP VECTOR 38
000744	019B	0310		12980		DC	CHLTP37		TRAP VECTOR 37
000745	019C	0312		12990		DC	<hltp36< td=""><td></td><td>TRAP VECTOR 36</td></hltp36<>		TRAP VECTOR 36
000746	0190	0314		13000		DC	CHLTP 35		TRAP VECTOR 35
000747	019E	0316		13010		DC	CHLTP34		TRAP VECTOR 34
000748	019F	0318		13020		DC	CHLTP33		TRAP VECTOR 33
000749	01 A O	031A		13030		DC	<hltp 32<="" td=""><td></td><td>TRAP VECTOR 32</td></hltp>		TRAP VECTOR 32
000750	01 A 1	031c		13040		DC	CHLTP 31		TRAP VECTOR 31
000751	01 A 2	031E		13050		DC	CHLTP 30		TRAP VECTOR 30
000752				13060		DC	CHLTP29		TRAP VECTOR 39
000753				13070		DC	<hltp28< td=""><td></td><td></td></hltp28<>		
000754	01 A 5	0324		13080		DC	CHLTP 27		TRAP VECTOR 28
000755	01 A 6	0326		13090		DC	<hltp26< td=""><td></td><td>TRAP VECTOR 27 TRAP VECTOR 26</td></hltp26<>		TRAP VECTOR 27 TRAP VECTOR 26
000756	01 A 7	0328		13100		DC	CHLTP 25		TRAP VECTOR 25
000757	01 A 8	032A		13110		DC	CHLTP24		TRAP VECTOR 24
000758	01A9	0320		13120		D C	CHLTP 23		TRAP VECTOR 24
000759	O1AA	032E		13130					
000757	01AB	0330				DC	<hltp 22<="" td=""><td>m P</td><td>TRAP VECTOR 22</td></hltp>	m P	TRAP VECTOR 22
000761				13140		DC	<pre><hltp21< pre=""></hltp21<></pre>		TRAP VECTOR 21
000762	01 A C	0332 0334		13150		DC	<hltp20< td=""><td></td><td>TRAP VECTOR 20</td></hltp20<>		TRAP VECTOR 20
000763	01 A D			13160		DC	<hltp19< td=""><td></td><td>TRAP VECTOR 19</td></hltp19<>		TRAP VECTOR 19
	01 A E	0336		13170		DC :	KHLTP18		TRAP VECTOR 18
000764	01 A F	0338		13180		D.C.	<hltp17< td=""><td></td><td>TRAP VECTOR 17</td></hltp17<>		TRAP VECTOR 17
000765	0180	033A		13190		DC	<hltp16< td=""><td></td><td>TRAP VECTOR 16</td></hltp16<>		TRAP VECTOR 16
000766	01B1	033C		13200		DC	<hltp15< td=""><td></td><td>TRAP VECTOR 15</td></hltp15<>		TRAP VECTOR 15
000767	0182	033E		13210		DC	<hltp14< td=""><td></td><td>TRAP VECTOR 14</td></hltp14<>		TRAP VECTOR 14
000768	01B3	0340		13220		DC	<hltp 13<="" td=""><td></td><td>TRAP VECTOR 13</td></hltp>		TRAP VECTOR 13
000769	01B4	0342		13230		DC	<hltp 12<="" td=""><td></td><td>TRAP VECTOR 12</td></hltp>		TRAP VECTOR 12
000770	01B5	0344		13240	TV11	DC	CHLTP11		TRAP VECTOR 11

TL		SOFTWAR	E	-SAF	1981/	12/24	10:12:47	HRF ASSEMBLER	DTSS L-6 HOST RESIDENT FACILITY PAGE 002
000771	01B6	0346			13250	T V 1 0	DC	<hltp10< td=""><td>TRAP VECTOR 10</td></hltp10<>	TRAP VECTOR 10
000772	01B7.	0348			13260	TV09	DC	<hltp09< td=""><td>TRAP VECTOR 09</td></hltp09<>	TRAP VECTOR 09
000773	0188	034A			13270	TV08	DC.	<hltp08< td=""><td>TRAP VECTOR 08</td></hltp08<>	TRAP VECTOR 08
000774	01B9	034C			13280	TV07	DC	<hltpo7< td=""><td>TRAP VECTOR 07</td></hltpo7<>	TRAP VECTOR 07
	01 B A	034E			13290	TV06	DC	<hltpo6< td=""><td>TRAP VECTOR 06</td></hltpo6<>	TRAP VECTOR 06
	01BB	0350			13300	TV05	DC	<hltp05< td=""><td>TRAP VECTOR 05</td></hltp05<>	TRAP VECTOR 05
	01BC	0352			13310	TV04	DC	<hltp04< td=""><td>TRAP VECTOR 04</td></hltp04<>	TRAP VECTOR 04
	01BD	03.54			13320	TV03	DC	<hltp03< td=""><td>TRAP VECTOR 03</td></hltp03<>	TRAP VECTOR 03
	01 BE	0356			13330	T V O 2	DC	<hltp02< td=""><td>TRAP VECTOR 02</td></hltp02<>	TRAP VECTOR 02
	01BF	035C	v		13340	TV01	DC	<hltp01< td=""><td>TRAP VECTOR 01</td></hltp01<>	TRAP VECTOR 01
000781					13350	*			
000782					13360				
000783							RRUPT VECT	ORS	
000784					13380	*			
000785			CO		13390	IVECT	EQU	<b>\$</b>	80 (16) START OF INTERRUPT VECTORS
	01 C O	05 C C			13400		DC	<erriv< td=""><td>LOCATION OF POWER FAIL/CRASH VECTOR</td></erriv<>	LOCATION OF POWER FAIL/CRASH VECTOR
	01 C 1	0000			13410		D.C.	z * 000 0 *	LOCATION OF WATCH DOG TIMER VEGTOR
	01 C 2	02B4			13420		DC	<tsoviv< td=""><td>LOCATION OF TRAP SAVE AREA OVERFLOW VECTOR</td></tsoviv<>	LOCATION OF TRAP SAVE AREA OVERFLOW VECTOR
	01 C 3	0000			13430		DC	z * 000 0 *	HANG LEVEL
	01 C4	029c			13440		DC	<initiv< td=""><td>INITIALIZATION THEN REAL TIME CLOCK</td></initiv<>	INITIALIZATION THEN REAL TIME CLOCK
	01 C 5		000		13450		RESV	58,Z 0000°	INTERRUPT VECTORS 05 THRU 62 ARE PROGRAMMED
	01 F F	0284			13460		DC	<idle i="" td="" v<=""><td>LOCATION OF 1V63 WHICH IS IDLE VECTOR</td></idle>	LOCATION OF 1V63 WHICH IS IDLE VECTOR
000793					13470	* -			
000794	0200	00	000		13480		RESV	64.Z*0000*	UNUSED PORTION OF SAF INTERRUPT VECTOR

000795				13490 /	DEAL CO	DE LOADED AT LOCATION	• MODE •	
000796						*************		
000797						OF BOOTS TRAP		
000798						ACK O. SECTORS 1-4 (T	DAD VECTORS, ETC )	
000799						EADING TRACKS 1, ON T		
000800						O LEVEL 4 FOR REGULAR		
000801						****************		
000807					XLOC		* A.A * A * A * A * A * A	
000802					T RESV		SECONDARY BOOTSTRAPPING	
000804		0480				ALS(CONT,ONE)		
	0240	F870 0100	*	13590	LDR		START NOW WITH SECTOR =ONE*U	
000806	0242			13600				
000807	0244	A870 0200		13610				
000808	0246			13620			READ IV'S & TRAP VECTORS	
000809	0248			13630			SAVE CHANNEL NUMBER FOR LOW LIFE	
000810	0248			13640			SAVE CHANNEL NUMBER FOR LOW LIFE	
000811	024C			13650		- FLVE VI	CONTINUE ON A LOWER LEVEL	
			×	13660	LEV JMP			
000813	0246	0300 0000	^	13670 *	3111	< R S T A R T	KEBOO! SHIICK	
000813				13680 RES	TAE DECU	0	ENTRY FROM LEVEL 63 VECTOR	
000815				13690 ×	TOF RESV		ENIRT FROM LEVEL OS VELTUR	
	0250	ABCO FED7		13700	LAB	PDD CMNITC	RESET COMMAND LIST PTR	
000817		8700 012F		13710		ADZICHULIS	SET NORMAL READ START AT SECTOR O	
000818	0254			13720	LDR			
000819	02.54	AOTU UUUU		13730 *	LDK	RANGE /= IRK512	READ FULL TRACK	
000817	0254	F800 0277		13740	100	AD7 ZENDA	FIND #WORDS TOTAL	
000820		CB80 0100		13750	LDR		FIND #WORDS TOTAL	
000821		CF80 0277		13760	LAB	\$84,<\$800T		
000822		F200 0277		13770	SUB	\$B4, <endo< td=""><td></td><td></td></endo<>		
000823	U2.50	F200.0277		13780 *	308	\$R7,< ENDO		
000824		0200		13790 ADJ	UST EQU	7102001	ACCOUNT FOR 256 WORD HOLE	
	0255	FBC7 0200		13800	LAB		WITH TRACK O READING	
000827	U2 JE	1501 0200		13810 *	LAD	BASE BASE ADJUST	WITH TRACK O READING	
000827					OOP RESV	0		
	0260	F270 0680		13830	SUB	·-	COUNT DOWN HORDS TRANSMITTED	
000829		7A00	Τ.,				COUNT DOWN WORDS TRANSMITTED	
000831	0202	7800	. 4 .	13840	BGZ	\$R7,>+\$C	MORE TO BE DONE	
	0267	F870 2408		13850 * 13860	1 0 0	\$R7,=COUPID	EAVE OUT THITTON HITTIE OF COT	
000833	0265	D870 0400		13870	LDR		FAKE OUT INITCP WITH R5 &R7	
000834	0267	E380 0000	<b>v</b>	13880	LDR	\$R5,=BTLDCH	INIT BOOTLOAD COUPLER	
000835	0201	0000	X		LNJ	TRNS, < INITCP	GO TO IT COUPLER I/O COLLISION	
000836				13900 *				
000837				13910 *			LAG PREVENTS \$BOOT CLEAR SINCE	
000838						The state of the s	AT INITCP'S FIRST CALL	
000839	0240	8907 0006		13920:\$A	RESV	O COURST	TO TO COURT OF BOME THOO SEES TO	
000840	026B		т	13930	CMZ		IS COUPLER DONE JERKING OFF?	
000841	0208	UFFE	. 1	13940	BNE	**************************************	NOPE, CHECK AGAIN	
000841	0246	07/0 5507		13950 *	<b>C</b> 1	#D 00T	THANK TAKE HOOF TOLD A TOLD TO	
000842		8740 FE93		13960	CL		MAKE LIKE HOST TCL & TELL INIT AL	HERE
000844	UEDE	8E70 8004		13970	LEV	=\$LVEXE+RTCLEV	GET ON WITH IT	
000845				13980 *	E TO BEAU			
	חדכת	00.00		13990 IDL		· <b>U</b>		
000846	U2 / U	0000		14000	HLT CONT			

000847 0271 0FFF 14010 B >IDLE LOOP FOR IDLENESS 000848 14020 * 000849 14030 \$C RESV 0 000850 0272 4E01 14040 ADV TRACK.=ONE NEXT TRACK 000851 0273 FBA7 14050 LAB BASE.BASE.RANGE ADVANCE TO NEXT 000852 0274 E380 010B 14060 LNJ TRNS. <read 000853="" 0276="" 0fea="" 14070="" b="" next="" read="" track="">BTLOOP 000854 14080 * 000855 0277 0000 X 14090 ENDC DC <ending 0000="" 000856="" 0278="" 1.00="" 14100="" address="" basing="" cell<="" final="" let="" linker="" resv="" tell="" th="" us="" zero="" zilch=""><th>DBTL</th><th></th><th>SOFTWARE</th><th>-SAF</th><th>1981/12/24</th><th>10:12:47</th><th>HRF ASSEMBLER</th><th>DTSS L=6 HOST RESIDENT FACILITY PAGE 0026</th></ending></read>	DBTL		SOFTWARE	-SAF	1981/12/24	10:12:47	HRF ASSEMBLER	DTSS L=6 HOST RESIDENT FACILITY PAGE 0026
000849 000850 0272 4E01 14040 14050 14050 14050 14050 14050 14060 14060 14060 14070 000853 0276 0FEA 14070 000854 000855 0277 0000 14090 ENDC 1	000847	0271	OFFF		14010	В	>I DLE	LOOP FOR IDLENESS
000850       0272       4E01       14040       ADV       TRACK = ONE       NEXT TRACK         000851       0273       FBA7       14050       LAB       BASE, BASE, RANGE       ADVANCE TO NEXT         000852       0274       E380       010B       14060       LNJ       TRNS, < READ	000848				14020 *			
000851       0273       FBA7       14050       LAB       BASE, BASE, RANGE       ADVANCE TO NEXT         000852       0274       E380       010B       14060       LNJ       TRNS, < READ	000849				14030 SC	RESV	0	
000852 0274 E380 010B 14060 LNJ TRNS, < READ READ NEXT TRACK 000853 0276 OFEA 14070 B >BTLOOP 000854 14080 * 000855 0277 0000 X 14090 ENDC DC SENDING LET LINKER TELL US FINAL ADDRESS	000850	0272	4E 01		14040	ADV	TRACK . = ONE	NEXT TRACK
000853 0276 0FEA 14070 B >BTLOOP 000854 14080 * 000855 0277 0000 X 14090 ENDC DC <ending address<="" final="" let="" linker="" td="" tell="" us=""><td>000851</td><td>0273</td><td>FB A 7</td><td></td><td>14050</td><td>LAB</td><td>BASE, BASE, RANGE</td><td>ADVANCE TO NEXT</td></ending>	000851	0273	FB A 7		14050	LAB	BASE, BASE, RANGE	ADVANCE TO NEXT
000853 0276 OFEA 14070 B >BTLOOP 000854 14080 * 000855 0277 0000 X 14090 ENDC DC SENDING LET LINKER TELL US FINAL ADDRESS	000852	0274	E380 010B	•	14060	LNJ	TRNS, < READ	READ NEXT TRACK
000855 0277 0000 X 14090 ENDO DC SENDING LET LINKER TELL US FINAL ADDRESS	000853	0276	OFEA		14070	В	>BTLOOP	
	000854				14080 *			
000856 0278 0000 14100 ZILCH RESV 1.0 ZERO BASING CELL	000855	0277	0000	X	14090 ENDC	DC	<pre><pre><pre><pre><pre></pre></pre></pre></pre></pre>	CELET LINKER TELL US FINAL ADDRESS
	000856	0278	0000		14100 ZILCH	RESV	1.0	ZERO BASING CELL

DBTL	SOFTWARE	-SAF 1981/12/24	10:12:47	HRF ASSEMBLER	DTSS L-6 HOST RESIDENT FACILITY PAGE 0027
000857		14110 /EJECT	V 8 6 6		
000858	0279	14120	XDEF	DATE, TIME	
000859. 0279.	02 7 b 0000	14130@DATE	RESV	4,z'0000'	
000860 0270	0000	14140 TIME	RESV	4,z'0000'	

14160   14170   14180   14170   14180   14170   14180   14170   14180   14170   14180   14170   14180   14170   1418	0000/4				4/450	15 150 7			
14170	000861								
0.00845							OAD TOLE	level	
000855   FFFF							TOND TULE	LEVEL	en en en <del>en</del> en
000866   0284   0000			cccc				5011	7	TOMA CONTENT ENTITLE V
000867   0284   0000									
0.0088		0281				IDELIV			
000869   0285   FFF   1420   DC   SALL   SAVE INDICATORS AND MODE 1   000870   0286   0000   14260   DC   C   C   C   C   C   C   C   C									
0.00870   0.286   0.000   0.000   14200   0.000   0.000   0.00000   0.0000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.000000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.000000   0.000000   0.00000   0.000000   0.000000   0.000000   0.000000   0.000000   0.000000   0.0000000   0.00000000									
0.00871   0.287   0.250   14.250   0.5									
0.00872   0.289   0.000									BOOTSTRAP CONTINUATION
0.00873   0.289   0.000						-			
14280   1428									
14290						L63\$R1			
14500									
14310   200877   0299   0200   14330   14330   RESV   3,2*0000*   MMA,RFU,TSAP   DEV   ROUTINE WHEN WE START EXEC UP   ROUTINE WHEN WE ARE OVER TRAPPED   ROUTINE WHEN	000875				14290	*			
000878   0290   0000	000876				14300	* START	OFEXEC	INITIALIZATION LE	EVEL
0.00879   0.299	000877				14310	* .			호텔 아이트 그는 그 사람들이 되었다.
000880   029C   0000   14340   DC   2'0000'   DEW	000878		029C		.14320	INITIV	EQU	<b>\$+3</b> • "	LEVEL ROUTINE WHEN WE START EXEC UP
0.00881		0299	0000		14330		RESV	3.Z'0000'	MMA, RFU, TSAP
000882		029C	0000		14340		DC	z • 000 0 •	THE PROPERTY OF THE PROPERTY O
0.00883	000881	029D	FFFF		14350		DC	SALL	SAVE MODE REGISTER 1
000884			0000		14360		DC	z • 000 0 •	
000885   02A1				X					DISKETTE COPY ROUTINE
14400   *									
14410		02 A 1	0000				RESV	16,Z'0000'	ROOM FOR REGISTERS
000888									
000889							OVERFLOW	INTERRUPT	
000890   0281   0000   14440   RESV   3,Z'0000'   MMA,RFU,TSAP   000891   0284   0000   14450   DC   Z'0000'   DEV   000892   0285   FFFF   14460   DC   SALL   SAVE MODE REGISTER 1   000893   0286   0000   14470   DC   Z'0000'   000894   0287   0134   014480   DC   STRONG   TSA OVERFLOW HANDLER   000895   0288   6000   14490   DC   STRONG   ROOM FOR REGISTERS   000896   0289   0000   14500   RESV   16,Z'0000'   ROOM FOR REGISTERS   000897   00090897   0200   14530   RESV   14530								<u> </u>	
000891   0284   0000		0204				TSOVIV			
000892 0285 FFFF							"		
000893 0286 0000 14470 DC Z'0000' 000894 0287 0134 14480 DC <tsaovr \$+3="" \$all="" \$srgp3="" *="" 0000="" 000895="" 000896="" 000897="" 000898="" 000899="" 000900="" 000901="" 000902="" 000903="" 000904="" 000905="" 000906="" 0288="" 0289="" 02c9="" 02cc="" 02cd="" 02ce="" 02cf="" 02d0="" 1="" 14490="" 14500="" 14510="" 14530="" 14540="" 14550="" 14560="" 14570="" 14580="" 14590="" 14600="" 16,z'0000'="" 3,z'0000'="" 6000="" are="" crash="" dc="" dev="" equ="" erriv="" fail="" ffff="" for="" handler="" idle="" interrupt="" left="" level="" level<="" levelo="" mma,rfu,tsap="" mode="" or="" overflow="" plugged="" power="" preg="" priority="" register="" registers="" resv="" room="" routine="" save="" td="" tsa="" we="" when="" z'0000'=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tsaovr>									
000894   0287   0134   14480   DC   STROVR   TSA OVERFLOW HANDLER									SAVE MODE REGISTER I
000895 0288 6000 14490 DC \$SRGP3 PRIORITY LEVEL 000896 0289 0000 14500 RESV 16,Z'0000' ROOM FOR REGISTERS 000897 14510 * 000898 14520 * POWER FAIL OR CRASH INTERRUPT 000899 14530 * 000900 02CC 0000 14550 RESV 3,Z'0000' MMA.RFU.TSAP 000901 02C9 0000 14550 DC Z'0000' DEV 000903 02CD FFFF 14570 DC \$ALL SAVE MODE REGISTER 1 000904 02CE 0000 14580 DC Z'0000' 000905 02CF 0000 14590 DC Z'0000' PREG PLUGGED WHEN WE LEFT LEVELO 000906 02D0 6000 14600 DC \$SRGP3 PRIORITY LEVEL									TCA OMERCION HANDIED
000896 0289 0000 14500 RESV 16,Z'0000' ROOM FOR REGISTERS  000897 14510 * 000898 14520 * POWER FAIL OR CRASH INTERRUPT  000899 02CC 14540 ERRIV EQU \$+3 LEVEL ROUTINE WHEN WE ARE IDLE  000901 02C9 0000 14550 RESV 3,Z'0000' MMA,RFU,TSAP  000902 02CC 0000 14560 DC Z'0000' DEV  000903 02CD FFFF 14570 DC \$ALL SAVE MODE REGISTER 1  000904 02CE 0000 14580 DC Z'0000'  000905 02CF 0000 14590 DC Z'0000' PREG PLUGGED WHEN WE LEFT LEVELO  000906 02D0 6000 14600 DC \$SRGP3 PRIORITY LEVEL									
000898									
000898		06.07	0000				RESV.	10/2 0000	KOOM FOR KEGISTERS
000899							EATI OD	CDACH INTERRIBE	
000900         02CC         14540 ERRIV EQU         \$+3         LEVEL ROUTINE WHEN WE ARE IDLE           000901 02C9         0000         14550         RESV         3,Z'0000'         MMA,RFU,TSAP           000902 02CC 0000         14560         DC         Z'0000'         DEV           000903 02CD FFFF         14570         DC         \$ALL         SAVE MODE REGISTER 1           000904 02CE 0000         14580         DC         Z'0000'           000905 02CF 0000         14590         DC         Z'0000'           000906 02D0 6000         14600         DC         \$\$RGP3							CHALL ON	CRASH INTERROT	
000901       02C9       0000       14550       RESV       3,Z*0000*       MMA,RFU,TSAP         000902       02CC       0000       14560       DC       Z*0000*       DEV         000903       02CD       FFFF       14570       DC       \$ALL       SAVE MODE REGISTER 1         000904       02CE       0000       14580       DC       Z*0000*         000905       02CF       0000       14590       DC       Z*0000*       PREG PLUGGED WHEN WE LEFT LEVELO         000906       02D0       6000       14600       DC       \$\$RGP3       PRIORITY LEVEL			0200				FAII		LEVEL POUTTNE WHEN HE ARE THE
000902       02CC       0000       14560       DC       Z'0000'       DEV         000903       02CD       FFFF       14570       DC       \$ALL       SAVE MODE REGISTER 1         000904       02CE       0000       14580       DC       Z'0000'         000905       02CF       0000       14590       DC       Z'0000'       PREG PLUGGED WHEN WE LEFT LEVELO         000906       02D0       6000       14600       DC       \$\$RGP3       PRIORITY LEVEL		02.0				SANT V			
000903       02CD       FFFF       14570       DC       \$ALL       SAVE MODE REGISTER 1         000904       02CE       0000       14580       DC       Z*0000*         000905       02CF       0000       14590       DC       Z*0000*       PREG PLUGGED WHEN WE LEFT LEVELO         000906       02D0       6000       14600       DC       \$\$RGP3       PRIORITY LEVEL									
000904 02CE 0000 14580 DC Z*0000* 000905 02CF 0000 14590 DC Z*0000* PREG PLUGGED WHEN WE LEFT LEVELO 000906 02D0 6000 14600 DC \$\$RGP3 PRIORITY LEVEL									
000905 02CF 0000 14590 DC Z'0000' PREG PLUGGED WHEN WE LEFT LEVELO 000906 02D0 6000 14600 DC \$\$RGP3 PRIORITY LEVEL									CHECKIONE MEGLOTERAL
000906 0200 6000 14600 DC \$\$RGP3 PRIORITY LEVEL									PREG PLUGGED WHEN WE LEFT LEVELO
UUUYU/ UZDI 0000 14610 RESV 16,7°0000° ROOM FOR REGISTERS		0201	0000		14610		RESV	16,Z'0000'	ROOM FOR REGISTERS

-		SOFTWARE	-SAF 1981/12/24	10:12:47	HRF ASSEMBLER	DTSS L-6 HOST RESIDENT FACILITY PAGE
000908			14620 /EJECT			
000909			14630 *			
000910			14640 * TRAP	HANDLING	MECHANISMS	
000911			14650 *			
000912			14660 *			
000913			14670 * TRAP	SAVE AREA	A S	
000914			14680 *		and the second s	
000915	02.E1	02 E A	14690 TSABKO	DC	<tsabk1< td=""><td>LINK TO SECOND</td></tsabk1<>	LINK TO SECOND
000916	02E2	0000	14700	RESV	\$TSALN-1, Z 0000	ROOM FOR REMAINDER OF TSA
000917			14710 *			
000918	02EA	02 F 3	14720 TSABK1	DC	<tsabk2< td=""><td>LINK TO THIRD</td></tsabk2<>	LINK TO THIRD
000919	02 E B	0000	14730	RESV	\$TSALN-1, Z . 0000	ROOM FOR REMAINDER OF TSA
000920			14740 *		· · · · · · · · · · · · · · · · · · ·	
000921	02 F 3	0000	14750 TSABK2	DC	z'0000'	ONLY HAVE 3 ACTIVE TSA'S
000922	02 F 4	0000	14760	RESV	\$TSALN-1,Z'0000'	
000923			14770 *			
000924			14780 * TRAP	HANDLERS		war and the second of the seco
000925			14790 *			
000926	02 F C	0F80 035D	14800 HLTRPX	В	<hltr ap<="" td=""><td>ALLOWS SHORT ADDRESS</td></hltr>	ALLOWS SHORT ADDRESS
000927			14810 *			
000928	02FE	3C 2E	14820 HLTP46	LDV	\$R3,Z '2E'	LOAD TRAP NUMBER
000929	02 F F	OFFD	14830	В	>HLTRPX	CRASH
000930	0300	3C 2D	14840 HLTP45		\$R3,Z 20	LOAD TRAP NUMBER
000931	03 0 1	OFFB	14850	В	>HLTRPX	CRASH
000932	0302	3020	14860 HLTP44		\$R3,Z'2C'	LOAD TRAP NUMBER
000933	0303	OFF9	14870	В	>HLTRPX	CRASH
000934	0304	3C 2B	14880 HLTP43		\$R3,Z 28!	LOAD TRAP NUMBER
000935	03.05	OFF7	14890	В	>HLTRPX	CRASH
000936	0306	3C 2 A	14900 HLTP42		\$R3,Z'2A'	LOAD TRAP NUMBER
000937	0307	OFF5	14910	В	>HLTRPX	CRASH
000938	0308	3029	14920 HLTP41		\$R3,Z*29*	LOAD TRAP NUMBER
000939	0309	OFF3	14930	В	>HLTRPX	CRASH
000940	030A	3028	14940 HLTP40		\$R3,Z'28'	LOAD TRAP NUMBER
000941	030B	OF F1	14950	В	>HLTRPX	CRASH
000942	030 C		14960 HLTP39		\$R3,Z'27!	LOAD TRAP NUMBER
000943	0300	OFEF	14970	В	>HLTRPX	CRASH
000944	030E	3026	14980 HLTP38		\$R3,Z1261	LOAD TRAP NUMBER
000945	030F	OFED	14990	В	>HLTRPX	CRASH
000946	0310	3c 25	15000 HLTP37		\$R3.Z!25!	LOAD TRAP NUMBER
000947	0311	OFEB	15010	В	>HLTRPX	CRASH
000948	0312	3c 24	15020 HLTP36		\$R3,Z 1241	LOAD TRAP NUMBER
000949	0313	OFE9	15030	В	>HLTRPX	CRASH
000950	0314	30 23	15040 HLTP35		\$R3,Z 1231	LOAD TRAP NUMBER
000951	0315	OFE7	15050	В	>HLTRPX	CRASH
000952	0316	3022	15060 HLTP34		\$R3,Z '22'	LOAD TRAP NUMBER
000953	0317	OF E 5	15070	В	>HLTRPX	CRASH
000954	0318	30 2 1	15080 HLTP33		\$R3.Z 21!	LOAD TRAP NUMBER
000955	0319	OFE3	15090	В	>HLTRPX	CRASH
000956	031A	3020	15100 HLTP32		\$R3,Z 20'	LOAD TRAP NUMBER
000957	031B	0f E 1	15110	8	>HLTRPX	CRASH
000958	031C	3C 1 F	15120 HLTP31		\$R3,Z 11F1	LOAD TRAP NUMBER
000959	031D	OFDF	15130	В	>HLTRPX	CRASH
	0310	J. V.			ALCOHOLD BY T. A.V.	क् अफ्रांच <b>अ</b> न्य स

DBT	L .		SOFTWARE	-SAF	1981/12/24	10:12:47	HRF ASSEMBLER	DTSS L-6 HOST RESIDENT	FACILITY	PAGE 0030
	000960	031E	3C1E		15140 HLTP30	LDV	\$R3.Z 11E1	LOAD TRAP NUMBER		
		031F	OFDD		15150	В	>HLTRPX	CRASH		
		0320	3C1D		15160 HLTP29		\$R3,Z'10'	LOAD TRAP NUMBER		
		0321	OFDB		15170	В	>HLTRPX	CRASH		
		0322			15180 HLTP28		\$R3,Z 11C	LOAD TRAP NUMBER		
		0323	OF D 9		15190	В	>HLTRPX	CRASH		
		0324	3C1B		15200 HLTP27	LDV	\$R3,Z 18'	LOAD TRAP NUMBER		
		0325	OFD7		15210	8	>HLTRPX	CRASH		•
		0326	3C1A		15220 HLTP26		\$R3,Z!1A!	LOAD TRAP NUMBER		
		0327	OF 05		15230	В	>HLTRPX	CRASH		•
		0328	3019		15240 HLTP25		\$R3,2 19!			
		0329	OF D3		15250	В	>HLTRPX	CRASH		
		032A	3018	•	15260 HLTP24		\$R3,Z 1181	LOAD TRAP NUMBER		
		032B	OFB2	•	15270	В	>HLTRAP	CRASH		
		032C	3017		15280 HLTP23		\$R3,2!17!	LOAD TRAP NUMBER		
		0320	OFBO		15290	В	>HLTRAP	CRASH		
		032E	3016		15300 HLTP22		\$R3,Z!16!	LOAD TRAP NUMBER		
		032F	OFAE	•	15310	В	>HLTRAP	CRASH		
		0330	3015		15320 HLTP21	LDV	\$R3,Z!15!			
		0331	OFAC		15330	В	>HLTRAP	CRASH		
		0332	30.14		15340 HLTP20		\$R3,Z 14!	LOAD TRAP NUMBER		
		0333	OFAA		15350	8	>HLTRAP	CRASH		
		0334	3013		15360 HLTP19		\$R3,Z!13'			
		0335	OFA8		15370	В	>HLTRAP	CRASH		
		0336	3012		15380 HLTP18		\$R3,Z 112	LOAD TRAP NUMBER		
		0337	OF A6		15390	В	>HLTRAP	CRASH		
		0338	3011		15400 HLTP17		\$R3,Z'11'	LOAD TRAP NUMBER		
		0339	OF A 4		15410	В	>HLTRAP	CRASH		
		033A 033B	3C10 OFA2		15420 HLTP16		\$R3,Z!10'	LOAD TRAP NUMBER		
		033C	3C O F		15430 15440 HLTP15	B LDV	>HLTRAP \$R3,Z'OF'	CRASH LOAD TRAP NUMBER		
		0330	OFAO		15450	B	>HLTRAP	CRASH		
		033E			15460 HLTP14		\$R3,Z *OE*	LOAD TRAP NUMBER		
		033F			15470	8	>HLTRAP	CRASH		
	000994				15480 HLTP13		\$83,Z '00'	LOAD TRAP NUMBER		
		0341	OF 9 C		15490	8	>HLTRAP	CRASH		
		0342	3000		15500 HLTP12	LDV	\$R3,Z ! OC !	LOAD TRAP NUMBER		
		0343	OF 9A		15510	В	>HLTRAP	CRASH		
		0344	3C OB		15520 HLTP11	LDV	\$R3,Z OB	LOAD TRAP NUMBER		
		0345	OF 98		15530	В	>HLTRAP	CRASH		
		0346	3C OA		15540 HLTP10	LDV	\$R3,Z 'OA'	LOAD TRAP NUMBER		
		0347	0F 96		15550	В	>HLTRAP	CRASH		
		0348	3009		15560 HLTP09	LDV	\$R3.Z '09'	LOAD TRAP NUMBER		
		0349	0F94		15570	В	>HLTRAP	CRASH		
		034A	3008		15580 HLTP08	LDV	\$R3,2 108!	LOAD TRAP NUMBER		
		034B	OF 92		15590	В	>HLTRAP	CRASH		
		034C	3007		15600 HLTP07	LDV	\$R3,Z'07'	LOAD TRAP NUMBER		the second
		034D	0F90		15610	В	>HLTRAP	CRASH		
		034E	3006		15620 HLTP06	LDV	\$R3.2 06	LOAD TRAP NUMBER		
		034F	OF 8E		15630	В	>HLTRAP	CRASH		
		0350	3005		15640 HLTP05	LDV	\$R3,Z 1051	LOAD TRAP NUMBER		
		0351	OF 8C		15650	В	>HLTRAP	CRASH		
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DBTL	SOFTWARE	-SAF	1981/12/24	10:12:47	HRF ASSEMBLER	DTSS L-6 HOST RESIDENT FACILITY PAGE 0031
001012 0352	3004		15660 HLTP04	LDV	\$R3,Z 1041	LOAD TRAP NUMBER
001013 0353	OF8A		15670	В	>HLTRAP	CRASH
001014 0354	3003		15680 HLTP03	LDV	\$R3,Z'03'	LOAD TRAP NUMBER
001015 0355	OF 88		15690	В	>HLTRAP	CRASH
001016 0356	3002		15700 HLTP02	LDV	\$R3.Z 02	LOAD TRAP NUMBER
001017 0357	9070 0080		15710	MTM	\$M1,=\$M1JTS	TEST JUMP BIT FIRST
001018 0359	9070 8000		15720	MTM	\$M1,=\$M1JRS	THEN RESET IT
001019 035B	OF 82	1	15730	В	>HLTRAP	CRASH
001020 035c	3001		15740 HLTP01	LDV	\$R3,Z'01'	LOAD TRAP NUMBER
001021			15750 *			
	8388 035F		15760 HLTRAP	JMP	* <traper< td=""><td>CALL TRAP SUBROUTINE</td></traper<>	CALL TRAP SUBROUTINE
001023			15770 *			
	0360		15780 TRAPER	DC	<trpdie< td=""><td>DIE IF WE WERENT EXPECTING FAULT</td></trpdie<>	DIE IF WE WERENT EXPECTING FAULT
001025			15790 *			
001026 0360			15800 TRPDIE	STS	<pre><serror< pre=""></serror<></pre>	SAVE LEVEL WHERE CRASH OCCURRED
001027 0362	8E70 0000	4	15810	LEV	=\$LVDIE	CRASH
001028			15820 \$B	RESV	0	
001029 0364	0000		15830	HLT		BETTER SAFE THAN SORRY
001030 0365	OF FF T	•	15840	В	>-\$B	

DBTL		SOFTW	ARE	- S A	F 1981/	12/24	4 10:12:47	HRF ASSEMBLER	DTSS L-	-6 HOST	RESIDENT	FACILIT	Y PAGE	0032
001031					15850	/EJEC	СТ							
001032					15860	*	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -							
001033					15870	*MODU	ULE POINTERS	IT, E\$DBG1, E\$DBG2 RY, E\$CONS, E\$SYSC CP, E\$TASY, E\$RASY VC, E\$ATTC, E\$MSGD SY, E\$SYNC, E\$SYNP MN, E\$RJEN, E\$MTRS PT  OURSELVES COUPLER MULTIPOINT CONSOLE SYSTEMS CONSOLE INTE DEBUGGER PART 1 DEBUGGER PART 2 CLOCK MANIPULATORS MEMORY MANAGEMENT INITIALIZATION SOFT SIDE OF COUPLER MLCP IO ROUTINES ASYNCHRONOUS PROTOCO						
001034					15880	*	The second second second							
001035					15890	XLOC	C ESCPLR, ESIN	IT,E\$DBG1,E\$DBG2						-
001036					15900	XLOC	C ESCLOK, ESMM	RY,ESCONS,ESSYSC						
001037					15910	XLOC	C ESSFCP, ESML	CP,ESTASY,ESRASY			× 60			
001038					15920	XLOC	C ESASML, ESDE	VC,ESATTC,ESMSGD						
001039					15930	XLOC	C ESMBIN, ESDA	SY,ESSYNC,ESSYNP			*** · · · · · · · · · · · · · · · · · ·			
001040					15940	XTOC	C ESDVIN, ESTY	MN,ESRJEN,ESMTRS						
001041					15950	XLOC	C ESNETX, ESND							
001042					15960	*	w							
001043	0366				15970	MODUL	LE DC <esdbtl< td=""><td>OURSELVES</td><td></td><td></td><td></td><td></td><td>*</td><td></td></esdbtl<>	OURSELVES					*	
001044	0367	0000		X	15980	DC <	<e\$cplr< td=""><td>COUPLER</td><td></td><td></td><td></td><td></td><td></td><td></td></e\$cplr<>	COUPLER						
001045	0368	0000		. <b>X</b> .	15990	DC <	<e\$cons< td=""><td>MULTIPOINT CONSOLE</td><td></td><td></td><td></td><td></td><td></td><td></td></e\$cons<>	MULTIPOINT CONSOLE						
001046	0369	0000		. <b>X</b>	16000	DC <	<e\$sysc< td=""><td>SYSTEMS CONSOLE INTE</td><td>ERFACE</td><td></td><td></td><td></td><td></td><td></td></e\$sysc<>	SYSTEMS CONSOLE INTE	ERFACE					
001047	036A	0000		. <b>X</b>	16010	DC <	<e\$dbg1< td=""><td>DEBUGGER PART 1</td><td></td><td></td><td></td><td></td><td></td><td></td></e\$dbg1<>	DEBUGGER PART 1						
001048	036B	0000		X ,	16020	DC <	<e\$dbg2< td=""><td>DEBUGGER PART 2</td><td></td><td></td><td></td><td></td><td></td><td></td></e\$dbg2<>	DEBUGGER PART 2						
001049	036C	0000		X	16030	DC <	<e\$clok< td=""><td>CLOCK MANIPULATORS</td><td></td><td></td><td></td><td></td><td></td><td></td></e\$clok<>	CLOCK MANIPULATORS						
001050	0360	0000		X	16040	DC <	<e\$mmry< td=""><td>MEMORY MANAGEMENT</td><td></td><td></td><td></td><td></td><td></td><td></td></e\$mmry<>	MEMORY MANAGEMENT						
001051	036E			X	16050	DC <	<b>CESINIT</b>	INITIALIZATION		-				
001052	036F			<b>X</b> .	16060	DC <	<e\$sfcp< td=""><td>SOFT SIDE OF COUPLER</td><td>R .</td><td></td><td></td><td></td><td></td><td></td></e\$sfcp<>	SOFT SIDE OF COUPLER	R .					
001053	0370			. <b>X</b> ,	16070	DC <	CESML CP	MLCP IO ROUTINES			•			
001054	0371	00.00		X	16080	DC <	CESTASY	ASYNCHRONOUS PROTOCO	OL OUTPUT	(MLCP)				
001055	0372	0000		X	16090		ESRASY	ASYNCHRONOUS PROTOCO	OL INPUT	(MLCP)				
001056	0373	0000		X	16100		<e\$asml< td=""><td>ASYNCHRONOUS PROTOCO ASYNCHRONOUS PROTOCO DEVICE INTERFACE DEVICE INPUT MESSAGES ROUTINES MAINFRAME ATTACHMENT DELAYS FOR ASYNCS MOTHER BOARD INIT RO</td><td>OL DRIVER</td><td>(L6)</td><td></td><td></td><td></td><td></td></e\$asml<>	ASYNCHRONOUS PROTOCO ASYNCHRONOUS PROTOCO DEVICE INTERFACE DEVICE INPUT MESSAGES ROUTINES MAINFRAME ATTACHMENT DELAYS FOR ASYNCS MOTHER BOARD INIT RO	OL DRIVER	(L6)				
001057	0374	0000		<b>X</b>	16110		CESDEVC	DEVICE INTERFACE						
001058 001059	0375 0376	0000		X	16120		CESDVIN	DEVICE INPUT						
001039	0377	0000		. X . X	16130		CESMSGD	MESSAGES ROUTINES						
001061	0378	0000		X .	16140		CESATTC	MAINERAME ATTACHMENT	15					
001061	0379	0000		· X ·	16150 16160		<e\$dasy <e\$mbin< td=""><td>DELATS FOR ASTNUS</td><td>011771170</td><td></td><td>* 4</td><td></td><td></td><td></td></e\$mbin<></e\$dasy 	DELATS FOR ASTNUS	011771170		* 4			
001063	037A	0000		x	16170		CESSYNC	SYNCHRONOUS PROTOCOL	ONITHES	MI CD)				
001064	037B	0000		x	16180	00	E O O NO	SYNCHRONOUS PROTOCOL	L DRIVER (	CHLCPI				
001065	037C	0000		Â.	16190	0.0	NEPSTWA Zertymai	TYMNET NETHORY CONT	L DKIVEK I	(LO)				
001065	0370	0000		X	16200	D C -	NEDITHN ZERNETY	DACKET METHORK CONTR	KUL DOI					
001067	037E	0000		x	16210	טנ <	CERDIEN CERDIEN	SYNCHRONOUS PROTOCOL TYMNET NETWORK CONTE PACKET NETWORK CONTE REMOTE JOB ENTRY TEE METERS CONFIGURATION NODE POINT ROUTING END OF TABLE AND 2 S	RUL DM TAIAI CHO	DADT				
001068	037F			x	16220	שר ל	CERMIRS	METERS COMETCHOATTON	MIC VIOLENNE 201	FURI				
001069	0380			x	16230	חר כ	CESNDET	MODE POINT POUTING	N S					
001070	0381		0000		16240	RECV	/ 3.7.0000°	END OF TARIF AND 2	SPARES	•	**			
501010	000,		3000		, 02 40	ar an o A	- 372 0000	THE OF STRUCK AND CO.	J. ARLS					

-SAF 1981/12/24 10:12:47 HRF ASSEMBLER DTSS L-6 HOST RESIDENT FACILITY PAGE 0033 DBTL SOFTWARE 99990 /EJECT 001071 001072 99991 \* 001073 99992 \*FORCE ALL MODULES TO BE OMOD8 IN LENGTH 001074 001075 0387 99994 ESENDR EQU \$-\$\$DBTL+3 001076 0384 0000 99995 RESV ((E\$ENDR+7)/8)\*8-E\$ENDR,Z'0000' 99996 \* 001077 001078 0385 4442 99997 DC 'DBTL' MNEUMONIC NAME OF MODULE 0386 544C 001079 0387 0000 99998 ESDETL DC <SSDETL START OF ROUTINE 001080 0388 99999 END DBTL SOFTWARE 0001 ERR COUNT

02340 WORD SYMBOL TABLE

BTL		SOFT	VARE		-SAF	1981	/12/2	4 10:	12:47	HRF A	SSEMBL	ER.		DTSS	L-6 H	OST RES	IDENT	4	1.7 (4)	PAGE	003
•	***	3	602	701	702	715	785	866	878	889	900	1075							e de de		
\$ A \$ A	668 838	66.5	840										4								
\$ACCE	13.5	رون	040												4				*		
SACCX	136												* * * * * * *		* *	ar.					
\$ACCZ	137																				
SALL	865	869	881	892	903																
\$ASCO	66											6.4									
\$ASC1	67																				
\$ASC2	68									***											
\$ASC3	69												9	*							
\$ASC4	70																				
\$ASC5	71																				
\$ASC6	72																				
\$ASC7	73																				
\$ASC8	74																				
\$ A S C 9	7.5								•												
\$ASCA	79																				
\$ASCAP	111																				
\$ASCAS	114											or .									
\$ASCAT	126															e e e e e e e e e e e e					
\$ASCB	80																				
\$ASCBA	129														•				- Tr		
\$ASCBS	127																		* *		
\$ASCC	81											** **									
\$ A S C C M	116												***						1.1.		
SASCCN	120										40								4		
\$ASCCR -	59	6.2																			
\$ASCD	82														- 47						
\$ A S C D L	110																		i de la companya de l		
\$ A S C D S	117																				
\$ASCDT.	118																				
\$ A S C E	83	135																			
\$ASCEC	61																				
\$ A S C E M	14.2																				
\$ A S C E Q	123																		7.		
\$ASCF	84																				
\$ASCFF	141																				
\$ASCFS	119												1 - 1w - 1 - 1								
\$ A S C G	8.5																				
\$ A S C G S	143																				
\$ASCGT	124																		18		
\$ A S C H	86																				
\$ASCHT.	139																				
SASCI	87																				
\$ A S C J	88												4 4 74 9								
\$ ASCK	89												a			**					
\$ A S C L	90																				
SASCLF	60	62												• •							
SASCLP	112															•••					
\$ASCLT.	122															*					

BTL		SOFT	WARE		-SAF	1981/12/24	10:12:47	HRF ASSEMBLER	DTSS L-6 HOST RESI	DENT FACILITY	PAGE 0035
SASCN	92										
I \$ASCO I \$ASCP	93 94										
SASCPL	115							and the second s			
SASCQ	95										
SASCQM	125										
SASCR	96										
\$ASCRO	130	131									
SASCRP	11.3							and the second s			
\$ASCRS	144										
SASCS	97										
I SASCSC	121								•		
\$ASCSP	109										
\$ASCT	98										
\$ASCU	99										
\$ASCUA	128									•	
\$ASCV.	100										
\$ASCVT	140										
\$ASCW	101	4.7.7									
\$ASCX	102	136									
\$ASCY \$ASCZ	10.3	177									
\$8362	10.4 67.1	137									
∌В \$В	708										
\$B	1028	679	710	1030							
\$82	***	627	669	816							
\$83	****	660	670	0.10							
\$B4	****	821	822								
\$B6	****	489									
\$B7	***	490	839								
\$800T	626	463	714	718	821	842		and the second s			
\$ C	849	830									
\$ CFGAI	23										
\$ C F G A O	24										
\$ C F G B I	2.5							, t			
\$CFGB0	26										
\$ CRLF	62										
\$ICTLI	14										
\$ICTLO	15										
SIDINP	30										
\$INMBA	19										
\$INMMA	20. 21								e a		
\$INRNG \$INTBT	547	1.62									
\$10CHO	347	46 2 3 3									
\$10CH0	9	3 4								• • • • • • • • • • • • • • • • • • •	
\$10CH2	10							and the second s			
\$10CH2	11	409									
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\$IOLDO	34										•
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N SIVEY 28 SIVEY 602 530 N SIVY 234 N SIVY 234 N SIVY 229 N SIVY 235 N SIVY 237 N SIVY 237 N SIVY 247 N SIVY 257 N SIVY 2															* **					•		
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