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00000000011111111112222222222333333333444444444555555555556666666666677777777777888888888899999999999000000000011111111112222222222333									
12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012									
.MAIN. MACRO V04.00 00:00:07 PAGE 1-1									
58		174404			RLDA=174404				
59		174406			RLMP=174406				
60									
61	000110				BOOTRL:				
62	000110	012700	174400		MOV	#RLCS,R0			
63					;				
64					;	GET STATUS			
65					;				
66	000114	012760	000013	000004	MOV	#13,4(R0)		; RLDA SETUP FOR GET STATUS	
67	000122	012710	000004		MOV	#4,(R0)		; RLCS GET STATUS	
68	000126	105710			TSTB	(R0)		; RLCS TEST FOR READY STATE	
69	000130	100376			BPL	.-2			
70	000132	016001	000006		MOV	6(R0),R1		; RLMP STATUS COPY TO R1	
71					;				
72					;	SEEK CYLINDER 2, UPPER HEAD, FROM CYLINDER 0			
73					;				
74	000136	012760	000405	000004	MOV	#000405,4(R0)			
75	000144	012710	000006		MOV	#000006,(R0)		; SEEK COMMAND	
76	000150	105710			TSTB	(R0)		; RLCS TEST FOR READY STATE	
77	000152	100376			BPL	.-2			
78					;				
79					;	READ DATA			
80					;				
81	000154	012760	000400	000002	MOV	#000400,2(R0)		; RLBA START LOAD AT ADDR 000400 OCTAL	
82	000162	012760	000431	000004	MOV	#000431,4(R0)		; RLDA CYLINDER 2, HEAD 0, SECTOR 31 (OCTAL)	
83	000170	012760	174200	000006	MOV	#-3600,6(R0)		; RLMP GET 15. (DECIMAL) SECTORS = 3.75 KB	
84								(DON'T LOAD BOOT SECTOR)	
85	000176	012710	000014		MOV	#14,(R0)		; RLCS READ DISK WITH HEADER CHECK	
86	000202	105710			TSTB	(R0)		; RLCS TEST FOR READY STATE	
87	000204	100376			BPL	.-2			
88	000206	011003			MOV	(R0),R3		; RLCS READ STATUS COPY TO R3	
89					;				
90					;	SEEK CYLINDER 2, LOWER HEAD, FROM CYLINDER 0			
91					;				
92	000210	012760	000020	000004	MOV	#000020,4(R0)			
93	000216	012710	000006		MOV	#000006,(R0)		; SEEK COMMAND	
94	000222	105710			TSTB	(R0)		; RLCS TEST FOR READY STATE	
95	000224	100376			BPL	.-2			
96					;				
97					;	READ DATA			
98					;				
99	000226	012760	010000	000002	MOV	#010000,2(R0)		; RLBA START LOAD AT ADDR 010000 OCTAL	
100	000234	012760	000500	000004	MOV	#000500,4(R0)		; RLDA CYLINDER 2, HEAD 1, SECTOR 0	
101	000242	012760	174000	000006	MOV	#-4000,6(R0)		; RLMP GET 16. (DECIMAL) SECTORS = 4 KB	
102	000250	012710	000014		MOV	#14,(R0)		; RLCS READ DISK WITH HEADER CHECK	
103	000254	105710			TSTB	(R0)		; RLCS TEST FOR READY STATE	
104	000256	100376			BPL	.-2			
105	000260	011005			MOV	(R0),R5		; RLCS READ STATUS COPY TO R3	
106					;				
107					;	BEGIN FORTH EXECUTION			
108					;				
109	000262	000167	000512		JMP	1000			
110		000001			.END				

[illegible]