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CLEAR STORAGE 1 ,008015,022026,030037,044,049,053053N000000N00001026 1
CLEAR STORAGE 2 L068116,105106,110117B101/I9I#071029C029056B026/B001/0991,001/001117I0? 2
BOOTSTRAP ,008015,022029,036040,047054,061068,072/061039 ,0010011040 3
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FORTRAN COMPILER -- FORMAT LOADER -- PHASE 54A PAGE 1

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD
101				JOB	FORTRAN COMPILER -- FORMAT LOADER -- PHASE 54A						
102				CTL	6611						
103				*							
104				*	THIS PHASE SELECTS THE PROPER I/O ROUTINE AND LOADS IT INTO						
105				*	ITS OBJECT CORE-STORAGE LOCATION.						
106				*							
107				*	LIMITED FORMAT ROUTINE IS FIRST (54B), NORMAL FORMAT ROUTINE						
108				*	IS SECOND (54C), A-CONVERSION FORMAT ROUTINE IS THIRD (54D).						
109				*							
110				*	STUFF IN THE RESIDENT AREA						
111				*							
112				PHASID EQU	110 PHASE ID, FOR SNAPSHOT DUMPS			0110			
113				SNAPSH EQU	333 CORE DUMP SNAPSHOT			0333			
114				IMOD EQU	690 INTEGER MODULUS -- NUMBER OF DIGITS			0690			
115				FMTSW EQU	696 X FOR NO FORMAT, L FOR LIMITED FORMAT			0696			
116				*	BLANK FOR ORDINARY, A FOR A CONVERSION						
117				LOADNX EQU	700 LOAD NEXT OVERLAY			0700			
118				CLEARL EQU	707 CS AT START OF OVERLAY LOADER			0707			
119				CDOVLY EQU	769 1 IF RUNNING FROM CARDS, N IF FROM TAPE			0769			
120				TPREAD EQU	780 TAPE READ INSTRUCTION IN OVERLAY LOADER			0780			
121				LOADXX EQU	793 EXIT FROM OVERLAY LOADER			0793			
122				CLRBOT EQU	833 BOTTOM OF CORE TO CLEAR IN OVERLAY LOADER			0833			
123				*							
124				*	RUNTIME ADDRESSES						
125				*							
126				FMTBAS EQU	1697 BASE ADDRESS OF LIMITED AND NORMAL			1697			
127				FMTBAA EQU	4280 BASE ADDRESS OF A-CONVERSION			4280			
128				AGM EQU	4616 GMWM AT END OF A-CONVERSION			4616			
129				LGM EQU	2015 GMWM AT END OF LIMITED ROUTINE			2015			
130				NGM EQU	4269 GMWM AT END OF NORMAL ROUTINE			4269			
131				NSWICH EQU	3138 SWITCH IN NORMAL ROUTINE			3138			
132				*							
133				ORG	934			0934			
134	934		BEGINN	SW	GMWM,FMTBAS	7	0934	,	S53 W97		4
135	941		BCE		TAPE,CDOVLY,N	8	0941	B	59 769 N		4
136				*							
137				*	LOAD FORMAT ROUTINE FROM CARDS						
138				*							
139	949		BCE		CARDL,FMTSW,L	8	0949	B	26 696 L		4
140	957		SKIP1	R	SKIP LIMITED ROUTINE (54B)	1	0957	1			4
141	958		BCE		*&5,68,B EX CARD?	8	0958	B	970 068 B		4
142	966		B		SKIP1	4	0966	B	957		4
143	970		BCE		CARDX,FMTSW,X	8	0970	B	34 696 X		5
144	978		R		40 LOAD NORMAL ROUTINE (54C)	4	0978	1	040		5
145	982		NRET	CW	NGM RETURN HERE FROM NORMAL LOAD	4	0982)	26Z		5
146	986		C		IMOD,K01	7	0986	C	690 S39		5
147	993		BU		CTESTA	5	0993	B	05 /		5

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD
198			*								
199	1	239	K01	DCW	01	2		1239			12
200	1	240	NOP	NOP		1		1240	N		12
201	1	249	REPL2	DCW	@REPLACE 2@	9		1249			13
202	1	252	AM13	DSA	15987 -13 AS AN ADDRESS	3		1252	I8G		13
203	1	253	GMWM	DCW	@}@	1		1253		GMARK	13
204				EX	BEGINN				B 934		14
205				END					/ 000 080		

SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS
AGM	4616	AM13	1252	ARET	1051	BEGINN	934	CARDA	1047	CARDL	1026	CARDX	1034
CDOVLY	769	CLEARL	707	CLRBOT	833	CTESTA	1005	DONE	1141	FMTBAA	4280	FMTBAS	1697
FMTSW	696	GMWM	1253	IMOD	690	K01	1239	LGM	2015	LOADNX	700	LOADXX	793
LRET	1030	NGM	4269	NOP	1240	NRET	982	NSWICH	3138	PHASID	110	REPL2	1249
SKIP1	957	SKIP2	1013	SKIPA	1128	SNAPSH	333	TAPE	1059	TAPEA	1194	TAPEL	1164
TAPERR	1211	TAPERX	1234	TAPEX	1177	TPREAD	780						