CLEAR STORA CLEAR STORA BOOTSTRAP	,0080 L0681 ,0080	015,02 116,10 015,02	2026,030037,044,049,053053N000000N00001026 5106,110117B101/I9I#071029C029056B026/B001 2029,036040,047054,061068,072/061039	/0991	,001/001 ,0010	117I0? 011040			1 2 3				
				RAN COMPILER FORMAT LOADER PHASE 54A					PAGE	1			
SEQ PG LIN	LABEL	OP	OPER	ANDS		SFX CT	LOCN	INSTRUCTION	TYPE	CARD			
101		JOB	FORT	RAN COMPILER FORMAT LOADER PHASE 54A	A								
102	*	CTL	6611										
103	*												
104	* THIS	PHASE	SELE	CTS THE PROPER I/O ROUTINE AND LOADS IT IN	I.I.O								
105 106	* ITS	OBTECI	PHASE SELECTS THE PROPER I/O ROUTINE AND LOADS IT INTO BJECT CORE-STORAGE LOCATION.										
107	* T.TMT	יש משים	тимас	POTITING IS SIDST (548) MODMAL FORMAT POTIT	TNE								
108	* TS S	ECOND	(540)	ROUTINE IS FIRST (54B), NORMAL FORMAT ROUT , A-CONVERSION FORMAT ROUTINE IS THIRD (54	ום)								
109	*	льсонь	(310)	, II CONVENDION FORMER ROOTING IS THINK (SI									
110	* STUF	F IN T	THE RE	SIDENT AREA									
111	*												
112	PHASID	EQU	110	PHASE ID, FOR SNAPSHOT DUMPS			0110						
113	SNAPSH	I 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						
118 119	CLEARL	EQU	707	CS AT START OF OVERLAY LOADER			0707						
119	CDOATA	EQU EQU	700	TADE DEAD INCEDIOTION IN OVERLAY LOADED			0769 0780						
121	TONDAX	FOII	700	PHASE ID, FOR SNAPSHOT DUMPS CORE DUMP SNAPSHOT INTEGER MODULUS NUMBER OF DIGITS X FOR NO FORMAT, L FOR LIMITED FORMAT BLANK FOR ORDINARY, A FOR A CONVERSION LOAD NEXT OVERLAY CS AT START OF OVERLAY LOADER 1 IF RUNNING FROM CARDS, N IF FROM TAPE TAPE READ INSTRUCTION IN OVERLAY LOADER EXIT FROM OVERLAY LOADER			0780						
122	CLRBOT	EOU	833	BOTTOM OF CORE TO CLEAR IN OVERLAY LOADER	2		0833						
123	*	220	000	DOTTON OF COME TO CHAIR IN CVENERI BOMBER	-		0055						
124	* RUNT	IME AD	DRESS	ES									
125	*												
126	FMTBAS	EQU	1697	BASE ADDRESS OF LIMITED AND NORMAL BASE ADDRESS OF A-CONVERSION GMWM AT END OF A-CONVERSION GMWM AT END OF LIMITED ROUTINE GMWM AT END OF NORMAL ROUTINE SWITCH IN NORMAL ROUTINE			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						
130 131	NGM	EQU	2120	GMWM AT END OF NORMAL ROUTINE	V 3M4		4279 3138						
132	*	I EQU	3130	SWITCH IN NORMAL ROUTINE ,FMTBAS ,CDOVLY,N TINE FROM CARDS			3130						
133		ORG	934					0934					
	BEGINN			,FMTBAS		7	0934	, S53 W97		4			
				,CDOVLY,N		8	0941	B 59 769 N	ſ	4			
136	*							'					
137	* LOAD	FORMA	AT ROU	TINE FROM CARDS									
138	*												
139 949		BCE	CARD	L,FMTSW,L		8	0949	B 26 696 I	1	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 E	3	4			
142 966 143 970		BOE	SKIP	Y EMECH V		4	0966	B 957		4			
143 970		BCF	An	A, FILLOW, A I OND MODMAI POTTETHE (54C)		8	0970	1 040		5			
145 982	NRET	CM.	NGM	RETIRN HERE FROM NORMAL LOAD		4	0910) 27%		5			
146 986	1417111	C	IMOD	TINE FROM CARDS L,FMTSW,L SKIP LIMITED ROUTINE (54B) 68,B EX CARD? 1 X,FMTSW,X LOAD NORMAL ROUTINE (54C) RETURN HERE FROM NORMAL LOAD ,K01		7	0986	C 690 S39		5			
147 993		BU	CTES			_	0003	в 05 /		5			

				FORTRAN COMPILER FORMAT LOADER PHASE 54A			PAGE	2
SEQ	PG LIN	LABEL	OP	OPERANDS	SFX CT	LOCN	INSTRUCTION TYPE	CARD
148	998		LCA	NOP, NSWICH	7	0998	L S40 A38	5
149	1 005	CTESTA	BCE	CARDA, FMTSW, A	8	1005	B 47 696 A	6
150	1 013	SKIP2	R		1	1013	1	6
151	1 014		BCE	DONE,68,B EX CARD?	8	1014	B /41 068 B	6
	1 022		В	SKIP2	4	1022	в 13	6
153		CARDL	R	40 LOAD LIMITED ROUTINE (54B)	4	1026	1 040	6
		LRET	CW	LGM RETURN HERE FROM LIMITED LOAD	4	1030) !15	6
		CARDX	R		1	1034	1	6
	1 035		BCE	CTESTA,68,B EX CARD?	8		в 05 068 в	7
	1 043		В	CARDX	4		В 34	7
		CARDA	R	40 LOAD A-CONVERSION ROUTINE (54D)	4	1047		7
	1 051	ARET	CW	AGM RETURN HERE FROM A-CONVERSION LOAD	4) 61W	7
160 161	1 055	*	В	NOP,NSWICH CARDA,FMTSW,A DONE,68,B EX CARD? SKIP2 40 LOAD LIMITED ROUTINE (54B) LGM RETURN HERE FROM LIMITED LOAD CTESTA,68,B EX CARD? CARDX 40 LOAD A-CONVERSION ROUTINE (54D) AGM RETURN HERE FROM A-CONVERSION LOAD DONE	4	1055	B /41	7
162								
163		* LOAD	FURMA	I ROUTINE FROM TAPE				
	1 059		BCE	TAPEL, FMTSW, L	8	1059	B /64 696 L	7
	1 067	INFE	RTW	1,GMWM SKIP LIMITED FORMAT ROUTINE	8		L %U1 S53 R	8
	1 075		BER	TAPERR	5	1075	B S11 L	8
	1 080		BCE	TAPEX,FMTSW,X	8	1080	B /77 696 X	8
	1 088		RTW	1,FMTBAS LOAD NORMAL FORMAT ROUTINE	8	1088	L %U1 W97 R	8
	1 096		BER	TAPERR	5	1096		8
170	1 101		C	IMOD, K01	7	1101	C 690 S39	9
171	1 108		BU	*&8	5	1108	B /20 /	9
172	1 113		LCA	NOP, NSWICH	7	1113	L S40 A38	9
173	1 120		BCE	TAPEA, FMTSW, A	8	1120	B /94 696 A	9
	1 128	SKIPA	RTW	1,GMWM SKIP A-CONVERSION ROUTINE	8	1128		9
	1 136		BER	TAPERR	5		B S11 L	10
	1 141	DONE	BSS	SNAPSH, C	5		B 333 C	10
	1 146		SBR	CLEARL&3,GMWM	7		H 710 S53	10
	1 153		LCA	REPL2, PHASID	7	1153		10
	1 160	ma Det	В	LOADNX	4 8		B 700	10 10
	1 172	TAPEL	BER	1,FMTBAS LOAD LIMITED ROUTINE TAPERR	5		L %U1 W97 R B S11 L	11
		TAPEX		1,GMWM SKIP NORMAL ROUTINE	8		L %U1 S53 R	11
	1 185	IAPEA	BER	TAPERR	5		B S11 L	11
	1 190		В	TAPEL, FMTSW, L 1, GMWM SKIP LIMITED FORMAT ROUTINE TAPERR TAPEX, FMTSW, X 1, FMTBAS LOAD NORMAL FORMAT ROUTINE TAPERR IMOD, KO1 *&8 NOP, NSWICH TAPEA, FMTSW, A 1, GMWM SKIP A-CONVERSION ROUTINE TAPERR SNAPSH, C CLEARL&3, GMWM REPL2, PHASID LOADNX 1, FMTBAS LOAD LIMITED ROUTINE TAPERR 1, GMWM SKIP NORMAL ROUTINE TAPERR 1, GMWM SKIP NORMAL ROUTINE TAPERR SKIPA 1, FMTBAA LOAD A-CONVERSION ROUTINE TAPERR BONE	4		B /28	11
		TAPEA		1,FMTBAA LOAD A-CONVERSION ROUTINE	8		L %U1 28 R	11
	1 202		BER	TAPERR	5		B S11 L	11
187	1 207		В	DONE	4	1207	B /41	11
188		*						
189		* TAPE	ERROR	ROUTINE				
190		*						
191	1 211	TAPERR	SBR	TAPERX&3	4	1211	H S37	12
	1 215		MA	AM13, TAPERX&3 BACK UP EXIT TO READ INSTRUCTION			# S52 S37	12
	1 222		BSP	1	5		U %U1 B	12
	1 227		H	3333,3333	7		. C33 C33	12
	1 234	TAPERX	В	0	4	1234	в 000	12
196								
197		* DATA						

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	FORTRAN COMPILER FORMAT LOADER PHASE 54A				PAGE	3
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			в 934		14
205 END				/ 000 080		

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FORTRAN COMPILER -- FORMAT LOADER -- PHASE 54A

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	4279	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						

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