

```
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
```

FORTRAN COMPILER -- SNAPSHOT PHASE -- PHASE 56 PAGE 1

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD
101				JOB	FORTRAN COMPILER -- SNAPSHOT PHASE -- PHASE 56						
102				CTL	6611						
103				*							
104				*	A SNAPSHOT OF THE GENERATED PROGRAM IS PRINTED IF REQUESTED						
105				*	(IF THERE WERE NO SOURCE PROGRAM ERRORS WHICH WOULD MAKE						
106				*	PROGRAM EXECUTION UNREWARDING).						
107				*							
108			X1	EQU	89			0089			
109			X3	EQU	99			0099			
110				*							
111				*	STUFF IN THE RESIDENT AREA						
112				*							
113			PHASID	EQU	110 PHASE ID, FOR SNAPSHOT DUMPS			0110			
114			GLOBER	EQU	184 GLOBAL ERROR FLAG -- WM MEANS ERROR			0184			
115			SNAPSH	EQU	333 CORE DUMP SNAPSHOT ROUTINE			0333			
116			TOPCOR	EQU	688 TOP CORE ADDRESS FROM PARAM CARD			0688			
117			SNAPSW	EQU	694 S FOR SNAPSHOT			0694			
118			FMTSW	EQU	696 X FOR NO FORMAT, L FOR LIMITED FORMAT			0696			
119				*	BLANK FOR ORDINARY, A FOR A CONVERSION						
120			LOADNX	EQU	700 LOAD NEXT OVERLAY			0700			
121			CLEARL	EQU	707 CLEAR INSTRUCTION IN LOADNX			0707			
122			LOADEX	EQU	793 BRANCH THAT EXITS LOADNX			0793			
123				*							
124				ORG	838			0838			
125	838		BEGINN	BCE	*&5,SNAPSW,S	8	0838	B 850 694 S			4
126	846			B	DONE	4	0846	B /28			4
127	850			BW	ERROR,GLOBER	8	0850	V /58 184 1			4
128				*							
129				*	SET THE BOTTOM OF THE DUMP, DEPENDING ON THE FORMAT SWITCH						
130				*							
131	858		SBR	X1,4200	ASSUME NORMAL FORMAT	7	0858	H 089 20			4
132	865		SBR	X3,201		7	0865	H 099 201			4
133	872		BCE	FMTX,FMTSW,X		8	0872	B 900 696 X			5
134	880		BCE	FMTL,FMTSW,L		8	0880	B 925 696 L			5
135	888		BCE	FMTA,FMTSW,A		8	0888	B 950 696 A			5
136	896		B	GOTBOT		4	0896	B 971			5
137	900	FMTX	SBR	X1,1600		7	0900	H 089 W00			5
138	907		MCW	K1600,BOT	BOTTOM OF DUMP	7	0907	M T26 T21			6
139	914		MCW	K1696,TOP	TOP OF FIXED CODE	7	0914	M T30 T00			6
140	921		B	GOTBOT		4	0921	B 971			6
141	925	FMTL	SBR	X1,2000		7	0925	H 089 !00			6
142	932		MCW	K2000,BOT	BOTTOM OF DUMP	7	0932	M T35 T21			6
143	939		MCW	K2015,TOP	TOP OF FIXED CODE	7	0939	M T39 T00			6
144	946		B	GOTBOT		4	0946	B 971			7
145	950	FMTA	SBR	X1,4600		7	0950	H 089 60			7
146	957		MCW	K4600,BOT	BOTTOM OF DUMP	7	0957	M T44 T21			7
147	964		MCW	K4616,TOP	TOP OF FIXED CODE	7	0964	M T48 T00			7

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD
148		971	GOTBOT	CC	1	2	0971	F	1		7
149		973		CS	332	4	0973	/	332		7
150		977		CS		1	0977	/			7
151		978		MCW	SNAP,260	7	0978	M	T74 260		8
152		985		W		1	0985	2			8
153		986		CC	J	2	0986	F	J		8
154		988		CS	332	4	0988	/	332		8
155		992		CS		1	0992	/			8
156		993		MCW	IOAREA,239	7	0993	M	U13 239		8
157	1	000		W		1	1000	2			8
158	1	001		CC	J	2	1001	F	J		9
159	1	003		CS	332	4	1003	/	332		9
160	1	007		CS		1	1007	/			9
161	1	008		MCW	TOP,248	7	1008	M	T00 248		9
162	1	015		W		1	1015	2			9
163	1	016		CC	K	2	1016	F	K		9
164	1	018		ZA	KP3,LINES	7	1018	?	U14 U67		9
165	1	025	OUTER	CS	332	4	1025	/	332		10
166	1	029		CS		1	1029	/			10
167	1	030		CC	J	2	1030	F	J		10
168	1	032		MCW	BOT,311	7	1032	M	T21 311		10
169	1	039		MCW		1	1039	M			10
170	1	040		MCW		1	1040	M			10
171	1	041		SBR	INDIC&6	4	1041	H	58		10
172	1	045		MCW	K9,W2-1	7	1045	M	U15 U18		11
173	1	052	INDIC	MCW	W2-1,0	7	1052	M	U18 000		11
174	1	059		MCW	DOTS	4	1059	M	T09		11
175	1	063		SBR	INDIC&6	4	1063	H	58		11
176	1	067		A	KM90,W2	7	1067	A	U17 U19		11
177	1	074		BWZ	INDIC,W2-1,2	8	1074	V	52 U18 2		11
178	1	082		A	KP1,BOT-2	7	1082	A	U20 T19		12
179	1	089		W		1	1089	2			12
180	1	090	INNER	SW	0&X3	4	1090	,	0?0		12
181	1	094		MCW	0&X1,0&X3	7	1094	M	0 0 0?0		12
182	1	101		BW	*&5,0&X1	8	1101	V	/ 3 0 0 1		12
183	1	109		CW	0&X3	4	1109)	0?0		12
184	1	113		C	X1,TOPCOR	7	1113	C	089 688		12
185	1	120		BU	MORE	5	1120	B	/88 /		13
186	1	125		W		1	1125	2			13
187	1	126		WM		2	1126	2)		13
188	1	128	DONE	BSS	SNAPSH,C	5	1128	B	333 C		13
189	1	133		SBR	LOADEX&3,884	7	1133	H	796 884		13
190	1	140		SBR	CLEARL&3,GMWM	7	1140	H	710 U70		13
191	1	147		LCA	CONDEK,PHASID	7	1147	L	U28 110		13
192	1	154		B	LOADNX	4	1154	B	700		14
193	1	158	ERROR	CC	J	2	1158	F	J		14
194	1	160		CS	332	4	1160	/	332		14
195	1	164		CS		1	1164	/			14
196	1	165		MCW	DEFER,237	7	1165	M	U65 237		14
197	1	172		W		1	1172	2			14

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD
198	1	173		BCV	*&5	5	1173	B /82	@		14
199	1	178		B	*&3	4	1178	B /84			15
200	1	182		CC	1	2	1182	F 1			15
201	1	184		B	DONE	4	1184	B /28			15
202	1	188	MORE	SBR	X1,1&X1 MORE HUNDREDS TO PRINT	7	1188	H 089 0 1			15
203	1	195		BCE	MORECH,X3-2,2	8	1195	B S42 097 2			15
204	1	203		SBR	X3,201	7	1203	H 099 201			15
205	1	210		W		1	1210	2			15
206	1	211		WM		2	1211	2)			16
207	1	213		A	KP1,LINES	7	1213	A U20 U67			16
208	1	220		C	LINES,KP15	7	1220	C U67 U69			16
209	1	227		BU	OUTER	5	1227	B 25 /			16
210	1	232		S	LINES	4	1232	S U67			16
211	1	236		CC	1	2	1236	F 1			16
212	1	238		B	OUTER	4	1238	B 25			16
213	1	242	MORECH	A	KP1,X3 MORE CHARACTERS TO PUT IN LINE	7	1242	A U20 099			17
214	1	249		B	INNER	4	1249	B 90			17
215	1	300	TOP	DCW	@FIXED OBJECT TIME ROUTINES LOCATED FROM 333-4279@	48	1300				19
216	1	309	DOTS	DCW	@9.....@	9	1309				19
217	1	310		DCW	9	1	1310				19
218	1	316		DCW	@-AREA-@	6	1316				19
219	1	321	BOT	DCW	04200	5	1321				19
220	1	326	K1600	DCW	01600	5	1326				20
221	1	330	K1696	DCW	1696	4	1330				20
222	1	335	K2000	DCW	02000	5	1335				20
223	1	339	K2015	DCW	2015	4	1339				20
224	1	344	K4600	DCW	04600	5	1344				20
225	1	348	K4616	DCW	4616	4	1348				20
226	1	374	SNAP	DCW	@SNAPSHOT OF OBJECT PROGRAM@	26	1374				21
227	1	413	IOAREA	DCW	@INPUT/OUTPUT AREAS LOCATED FROM 001-332@	39	1413				22
228	1	414	KP3	DCW	&3	1	1414				23
229	1	415	K9	DCW	9	1	1415				23
230	1	417	KM90	DCW	@I0@	2	1417				23
231	1	419	W2	DCW	#2	2	1419				23
232	1	420	KP1	DCW	&1	1	1420				23
233	1	428	CONDEK	DCW	@CONDECK1@	8	1428				23
234	1	465	DEFER	DCW	@SNAPSHOT DEFERRED DUE TO INPUT ERRORS@	37	1465				24
235	1	467	LINES	DCW	#2	2	1467				24
236	1	469	KP15	DCW	&15	2	1469				25
237	1	470	GMWM	DCW	@}@	1	1470			GMARK	25
238				EX	BEGINN			B 838			26
239				END				/ 000 080			

