

```
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 -- SNAPSHOT -- PHASE 53S PAGE 1
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SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD
101				JOB	FORTRAN COMPILER -- SNAPSHOT -- PHASE 53S						
102				CTL	6611						
103				*							
104				*	SAME AS SNAPSHOT IN PHASE 00						
105				*							
106			X1	EQU	89			0089			
107			X2	EQU	94			0094			
108			X3	EQU	99			0099			
109				*							
110				*	STUFF IN THE RESIDENT AREA						
111				*							
112			PHASID	EQU	110			0110			
113			TOPCOR	EQU	688 TOP CORE ADDRESS FROM PARAM CARD			0688			
114				*							
115				*	RETURN IN PHASE 53R AFTER LOADING						
116				*							
117			BEGIN2	EQU	938			0938			
118				*							
119				ORG	333				0333		
120	333		SNAPSH	SBR	EXIT&3	4	0333	H 567			4
121	337			SBR	SXX&6	4	0337	H 408			4
122	341			MCW	KZ3,ADR5-2 START FIVE-DIGIT ADDRESS AT ZERO	7	0341	M 661 656			4
123	348			MCW	X3,SX3&6	7	0348	M 099 415			4
124	355			MCW	X1,SX1&6	7	0355	M 089 422			4
125	362			SBR	X1,1	7	0362	H 089 001			4
126	369			SBR	X3,202	7	0369	H 099 202			5
127	376			CS	332	4	0376	/ 332			5
128	380			CS		1	0380	/			5
129	381			MCW	PHASID,210	7	0381	M 110 210			5
130	388			BSS	SKIP,F	5	0388	B 621 F			5
131				*							
132				*	PRINT A HEADER						
133				*							
134	393			CC	1	2	0393	F 1			5
135	395			MCW	X2,250	7	0395	M 094 250			5
136	402	SXX		SBR	216,0 RETURN ADDRESS WAS STORED IN B	7	0402	H 216 000			6
137	409	SX3		SBR	256,0 X3 WAS STORED IN B	7	0409	H 256 000			6
138	416	SX1		SBR	244,0 X1 WAS STORED IN B	7	0416	H 244 000			6
139	423			W		1	0423	2			6
140	424			CC	K	2	0424	F K			6
141	426			ZA	KP2,W2A	7	0426	? 662 664			6
142	433	CLEARH		CS	332	4	0433	/ 332			6
143	437			CS		1	0437	/			7
144	438			CC	J	2	0438	F J			7
145	440			MCW	ADR5,306 FIVE-DIGIT ADDRESS	7	0440	M 658 306			7
146	447			MCW		1	0447	M			7
147	448			SBR	LOOP&6	4	0448	H 465			7

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD
148	452			MCW	K9,W2B-1	7		0452	M 665 668		7
149	459		LOOP	MCW	W2B-1,000	7		0459	M 668 000		7
150	466			MCW	DOTS	4		0466	M 651		8
151	470			SBR	LOOP&6	4		0470	H 465		8
152	474			A	KM10,W2B ADD I0 = -10	7		0474	A 667 669		8
153	481			BWZ	LOOP,W2B-1,2 NO ZONE IN COUNTER HIGH DIGIT?	8		0481	V 459 668 2		8
154	489			A	KP1,ADR5-2 BUMP HUNDREDS DIGIT OF ADDRESS	7		0489	A 670 656		8
155	496			W		1		0496	2		8
156	497		GET	SW	0&X3 MOVE DATA AND WM TO PRINT AREA	4		0497	, 0?0		8
157	501			MCW	0&X1,0&X3	7		0501	M 0 0 0?0		9
158	508			BW	DOWM,0&X1 SKIP CLEARING PRINT AREA WM	8		0508	V 520 0 0 1		9
159	516			CW	0&X3	4		0516) 0?0		9
160	520		DOWM	C	X1,TOPCOR DONE?	7		0520	C 089 688		9
161	527			BU	CONT NO	5		0527	B 568 /		9
162	532			W		1		0532	2		9
163	533			WM		2		0533	2)		9
164	535		RX1	MCW	SX1&6,X1 RESTORE INDEX REGS	7		0535	M 422 089		10
165	542			MCW	SX3&6,X3	7		0542	M 415 099		10
166	549			CS	332	4		0549	/ 332		10
167	553			CS		1		0553	/		10
168	554			BSS	HALT,G	5		0554	B 563 G		10
169	559			B	EXIT	4		0559	B 564		10
170	563		HALT	H		1		0563	.		10
171	564		EXIT	B	0-0	4		0564	B 000		11
172	568		CONT	SBR	X1,1&X1	7		0568	H 089 0 1		11
173	575			BCE	BUMP3,X3-2,2	8		0575	B 632 097 2		11
174	583			SBR	X3,201	7		0583	H 099 201		11
175	590			W		1		0590	2		11
176	591			WM		2		0591	2)		11
177	593			A	KP1,W2A	7		0593	A 670 664		11
178	600			C	W2A,KP15	7		0600	C 664 672		12
179	607			BU	CLEARH	5		0607	B 433 /		12
180	612			S	W2A	4		0612	S 664		12
181	616			CCB	CLEARH,1	5		0616	F 433 1		12
182	621		SKIP	MCW	XQTD,220	7		0621	M 680 220		12
183	628			W	RX1	4		0628	2 535		12
184	632		BUMP3	A	KP1,X3	7		0632	A 670 099		12
185	639			B	GET	4		0639	B 497		13
186	651		DOTS	DCW	@9.....@	9		0651			13
187	653			DCW	@9-@	2		0653			13
188	658		ADR5	DCW	00000 FIVE DIGIT ADDRESS	5		0658			13
189	661		KZ3	DCW	000	3		0661			13
190	662		KP2	DCW	&2	1		0662			13
191	664		W2A	DCW	#2	2		0664			13
192	665		K9	DCW	9	1		0665			14
193	667		KM10	DCW	@I0@	2		0667			14
194	669		W2B	DCW	#2	2		0669			14
195	670		KP1	DCW	&1	1		0670			14
196	672		KP15	DCW	&15	2		0672			14
197	679			DCW	@EXECUTE@	7		0679			14

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Mon Jul 14 23:50:06 2008

3

FORTRAN COMPILER -- SNAPSHOT -- PHASE 53S

PAGE 3

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD
198		680	XQTD	DCW	@j@ CHANGED TO D BY RELOADER PHASE 53R						
199				EX	BEGIN2				B 938	GMARK	14
200				END					/ 000 080		15

