

```
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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LIBRARY -- SNAPSHOT ROUTINE

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SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD
101				JOB	LIBRARY -- SNAPSHOT ROUTINE						
102				CTL	6611						
103			*								
104	89	X1	EQU	89				0089			
105		XXXXX1	EQU	X1	FOR USE IN SFX REGIONS			0089			
106	94	X2	EQU	94				0094			
107		XXXXX2	EQU	X2	FOR USE IN SFX REGIONS			0094			
108	99	X3	EQU	99				0099			
109		XXXXX3	EQU	X3	FOR USE IN SFX REGIONS			0099			
110			ORG	333					0333		
111		*									
112		PHASID	EQU	110				0110			
113		TOPCOR	EQU	688	FROM PARAMETER CARD			0688			
114		*									
115		*			SNAPSHOT ROUTINE						
116		*									
117	333	SNAPSH	SBR	EXIT&3		4	0333	H 567			4
118	337		SBR	SXX&6		4	0337	H 408			4
119	341		MCW	KZ3,ADR5-2	START FIVE-DIGIT ADDRESS AT ZERO	7	0341	M 661 656			4
120	348		MCW	XXXXX3,SX3&6		7	0348	M 099 415			4
121	355		MCW	XXXXX1,SX1&6		7	0355	M 089 422			4
122	362		SBR	XXXXX1,1		7	0362	H 089 001			4
123	369		SBR	XXXXX3,202		7	0369	H 099 202			5
124	376		CS	332		4	0376	/ 332			5
125	380		CS			1	0380	/			5
126	381		NOP	PHASID,210	MCW ON THE COMPILER TAPE	7	0381	N 110 210			5
127	388		BSS	SKIP,F		5	0388	B 621 F			5
128		*									
129		*			PRINT A HEADER						
130		*									
131	393		CC	1		2	0393	F 1			5
132	395		MCW	XXXXX2,250		7	0395	M 094 250			5
133	402	SXX	SBR	216,0	RETURN ADDRESS WAS STORED IN B	7	0402	H 216 000			6
134	409	SX3	SBR	256,0	X3 WAS STORED IN B	7	0409	H 256 000			6
135	416	SX1	SBR	244,0	X1 WAS STORED IN B	7	0416	H 244 000			6
136	423		W			1	0423	2			6
137	424		CC	K		2	0424	F K			6
138	426		ZA	KP2,W2A		7	0426	? 662 664			6
139	433	CLEARH	CS	332		4	0433	/ 332			6
140	437		CS			1	0437	/			7
141	438		CC	J		2	0438	F J			7
142	440		MCW	ADR5,306	FIVE-DIGIT ADDRESS	7	0440	M 658 306			7
143	447		MCW			1	0447	M			7
144	448		SBR	LOOP&6		4	0448	H 465			7
145	452		MCW	K9,W2B-1		7	0452	M 665 668			7
146	459	LOOP	MCW	W2B-1,000		7	0459	M 668 000			7
147	466		MCW	DOTS		4	0466	M 651			8

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD
148	470			SBR	LOOP&6	4		0470	H 465		8
149	474			A	KM10,W2B ADD I0 = -10	7		0474	A 667 669		8
150	481			BWZ	LOOP,W2B-1,2 NO ZONE IN COUNTER HIGH DIGIT?	8		0481	V 459 668 2		8
151	489			A	KP1,ADR5-2 BUMP HUNDREDS DIGIT OF ADDRESS	7		0489	A 670 656		8
152	496			W		1		0496	2		8
153	497	GET		SW	0&X3 MOVE DATA AND WM TO PRINT AREA	4		0497	, 0?0		8
154	501			MCW	0&X1,0&X3	7		0501	M 0'0 0?0		9
155	508			BW	NOWM,0&X1 SKIP CLEARING PRINT AREA WM	8		0508	V 520 0'0 1		9
156	516			CW	0&X3	4		0516) 0?0		9
157	520	NOWM		C	XXXXX1,TOPCOR DONE?	7		0520	C 089 688		9
158	527			BU	CONT NO	5		0527	B 568 /		9
159	532			W		1		0532	2		9
160	533			WM		2		0533	2)		9
161	535	RX1		MCW	SX1&6,XXXXX1 RESTORE INDEX REGS	7		0535	M 422 089		10
162	542			MCW	SX3&6,XXXXX3	7		0542	M 415 099		10
163	549			CS	332	4		0549	/ 332		10
164	553			CS		1		0553	/		10
165	554			BSS	HALT,G	5		0554	B 563 G		10
166	559			B	EXIT	4		0559	B 564		10
167	563	HALT		H		1		0563	.		10
168	564	EXIT		H	0-0 B ON COMPILER TAPE	4		0564	. 000		11
169	568	CONT		SBR	XXXXX1,1&X1	7		0568	H 089 0'1		11
170	575			BCE	BUMP3,XXXXX3-2,2	8		0575	B 632 097 2		11
171	583			SBR	XXXXX3,201	7		0583	H 099 201		11
172	590			W		1		0590	2		11
173	591			WM		2		0591	2)		11
174	593			A	KP1,W2A	7		0593	A 670 664		11
175	600			C	W2A,KP15	7		0600	C 664 672		12
176	607			BU	CLEARH	5		0607	B 433 /		12
177	612			S	W2A	4		0612	S 664		12
178	616			CCB	CLEARH,1	5		0616	F 433 1		12
179	621	SKIP		MCW	XQTD,220	7		0621	M 680 220		12
180	628			W	RX1	4		0628	2 535		12
181	632	BUMP3		A	KP1,XXXXX3	7		0632	A 670 099		12
182	639			B	GET	4		0639	B 497		13
183	651	DOTS		DCW	@9.....@	9		0651			13
184	653			DCW	@9-@	2		0653			13
185	658	ADR5		DCW	@00000@ FIVE DIGIT ADDRESS	5		0658			13
186	661	K23		DCW	@000@	3		0661			13
187	662	KP2		DCW	&2	1		0662			13
188	664	W2A		DCW	#2	2		0664			13
189	665	K9		DCW	@9@	1		0665			14
190	667	KM10		DCW	@I0@	2		0667			14
191	669	W2B		DCW	#2	2		0669			14
192	670	KP1		DCW	&1	1		0670			14
193	672	KP15		DCW	&15	2		0672			14
194	680	XQTD		DCW	@EXECUTED@	8		0680			14
195				END					/ 000 080		

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SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS
ADR5	658	BUMP3	632	CLEARH	433	CONT	568	DOTS	651	EXIT	564	GET	497
HALT	563	K9	665	KM10	667	KP1	670	KP15	672	KP2	662	KZ3	661
LOOP	459	NOWM	520	PHASID	110	RX1	535	SKIP	621	SNAPSH	333	SX1	416
SX3	409	SXX	402	TOPCOR	688	W2A	664	W2B	669	X1	89	X2	94
X3	99	XQTD	680	XXXXX1	89	XXXXX2	94	XXXXX3	99				