

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
145				ORG	201				0201				
146			PHAS7	BSS	)8J003,G	5		0201	B 257 G	GEN	3	257	
147				NOP	TO PATCH IN TRAPS FOR DEBUGGING	1		0206	N	GEN	3		
148			)0J003	EQU	*&1			0207		GEN			
149				LCA	)9J003,)6J003	7		0207	L 282 110	GEN	3	282	110
150				BCE	)1J003,)6K003,1 Q: LOADING FROM CARDS?	8		0214	B 250 700 1	GEN	3	250	700
151				BCE	)1J003,)6L003&4,0 Q: LOADING FROM AUTOCODER TAPE?	8		0222	B 250 708 0	GEN	3	250	708
152				RTW	1,LOADAD READ THE BLOCK	8		0230	L %U1 838 R	GEN	3	%U1	838
153				BER	)6M003 Q: TAPE ERROR?	5		0238	B 728 L	GEN	4	728	
154				CS	BEGIN7,)9R003 ENTER THE BLOCK	7		0243	/ 838 285	GEN	4	838	285
155			)1J003	CS	)6K003,)9R003 LOAD CARDS OR AUTOCODER TAPE	7		0250	/ 700 285	GEN	4	700	285
156			)8J003	SW	)9R003	4		0257	, 285	GEN	4	285	
157				MU	%T0,)8K003,W	8		0261	M %T0 273 W	GEN	4	%T0	273
158				H	)0J003	4		0269	. 207	GEN	4	207	
159			)8K003	EQU	*&1			0273		GEN			
160			)9J003	DCW	@GROUP MARK@ PHASE ID	10		0282		GEN	5		
161				DCW	#1	1		0283		GEN	5		
162				DC	@7@ PHASE NUMBER	1		0284		GEN	5		
163			)9R003	DCW	@}@	1		0285		GEN	5		
164				XFR	PHAS7				B 201		5	201	
165			*										
166				ORG	BEGIN3				0838				
167			LOADAD	EQU	*&1			0838					
168	838		BEGIN7	MCW	83,X1	7		0838	M 083 089		6	083	089
169	845			SW	GM	4		0845	, |68		6	1068	
170	849		LOOP	BCE	COLON,0&X1,:	8		0849	B 881 0|0 :		6	881	000+1
171	857		SWITCH	BCE	DONE,0&X1, NOP IF WORKING ON FORMAT	8		0857	B 949 0|0		6	949	000+1
172	865			BCE	SEEGM,0&X1,}	8		0865	B 904 0|0 } GMARK		6	904	000+1
173	873			SBR	X1	4		0873	H 089		6	089	
174	877			B	LOOP	4		0877	B 849		7	849	
175	881		COLON	LCA	GM,0&X1 REPLACE COLON BY GMWM	7		0881	L |68 0|0		7	1068	000+1
176	888			SBR	X1 GET BELOW COLON	4		0888	H 089		7	089	
177	892			C	0&X1 AND THEN	4		0892	C 0|0		7	000+1	
178	896			SAR	X1 BELOW BOTTOM WORD MARK	4		0896	Q 089		7	089	
179	900			B	LOOP PROCESS NEXT STATEMENT	4		0900	B 849		7	849	
180	904		SEEGM	MCW	0&X1,PREFIX	7		0904	M 0|0 |73		7	000+1	1073
181	911			BCE	FORMAT,PREFIX-4,F FORMAT STATEMENT?	8		0911	B 938 |69 F		8	938	1069
182	919			MCW	BRANCH,SWITCH	7		0919	M |74 857		8	1074	857
183	926		NEXT	MN	0&X1 DECREASE X1	4		0926	D 0|0		8	000+1	
184	930			SBR	X1 TO NEXT STATEMENT	4		0930	H 089		8	089	
185	934			B	LOOP	4		0934	B 849		8	849	
186	938		FORMAT	MCW	NOP,SWITCH	7		0938	M |75 857		8	1075	857
187	945			B	NEXT	4		0945	B 926		8	926	
188			*										
189			*		CLEAR FROM TOP CORE DOWN TO TOP OF STATEMENTS & X00								
190			*										
191	949		DONE	MCW	TOPCOR,X2	7		0949	M 688 094		9	688	094
192	956			MZ	83,K999 COMPUTE TOP	7		0956	Y 083 |67		9	083	1067
193	963			MZ	OF STATEMENTS	1		0963	Y		9		
194	964			MCW	& X00	1		0964	M		9		

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
195	965		CLEAR	CS	0&X2	4		0965	/ 0!0		9	000+2	
196	969			SBR	X2	4		0969	H 094		9	094	
197	973			C	X2,K999	7		0973	C 094 |67		9	094	1067
198	980			BU	CLEAR	5		0980	B 965 /		10	965	
199			*										
200			*	CLEAR FROM TOP OF STATEMENTS & X00 TO TOP OF STATEMENTS									
201			*										
202	985		CLEAR2	C	83,X2	7		0985	C 083 094		10	083	094
203	992			BE	DONE2	5		0992	B |16 S		10	1016	
204	997			MCW	BLANK,0&X2	7		0997	M |76 0!0		10	1076	000+2
205	1 004			CW	0&X2	4		1004	) 0!0		10	000+2	
206	1 008			SBR	X2	4		1008	H 094		10	094	
207	1 012			B	CLEAR2	4		1012	B 985		10	985	
208	1 016		DONE2	SW	IMOD-1	4		1016	, 689		11	689	
209	1 020			A	BLANK,MANTIS	7		1020	A |76 692		11	1076	692
210	1 027			C	IMOD,KZ2 INTEGER MODULUS EQUAL ZERO?	7		1027	C 690 |78		11	690	1078
211	1 034			BU	NOTZI NO	5		1034	B |46 /		11	1046	
212	1 039			MCW	K05,IMOD YES, USE 05	7		1039	M |80 690		11	1080	690
213	1 046		NOTZI	C	MANTIS,KZ2 MANTISSA DIGITS EQUAL ZERO?	7		1046	C 692 |78		11	692	1078
214	1 053			BU	NOTZF NO	5		1053	B 700 /		12	700	
215	1 058			MCW	K08,MANTIS YES, USE 08	7		1058	M |82 692		12	1082	692
216			*										
217			*	LOAD NEXT OVERLAY									
218			*										
219	1 065		NOTZF	EQU	LOADNX LOAD IT			0700					
220	1 090			K999	DCW 999	3		1067			12		
221	1 091			GM	DC @}@	1		1068		GMARK	12		
222	1 096			PREFIX	DCW #5	5		1073			12		
223	1 097			BRANCH	B	1		1074	B		12		
224	1 098			NOP		1		1075	N		12		
225	1 099			BLANK	DCW #1	1		1076			12		
226	1 101			KZ2	DCW 00	2		1078			13		
227	1 103			K05	DCW 05	2		1080			13		
228	1 105			K08	DCW 08	2		1082			13		
229	1 112			GMWM	DCW @}@	1		1083		GMARK	13		
230			*										
231				XFR	BEGIN7				B 838		13	838	
232			*										
233			CLRME	CLRA	BEGIN7,GMWM,C					MACRO			
			*	CLRA	CLRBOT,CLRTOP[,SS,HERE,GWMAD]					GEN			
			*							GEN			
			*	CLEAR CORE AFTER A PHASE USING THE CLRTOP ADDRESS									
			*							GEN			
234				ORG	201				0201				
			*							GEN			
			*	CLEAR DOWN TO CLRBOT & X00 THE EASY WAY									
			*							GEN			
235			CLRME	EQU	*&1			0201		GEN			
236				BSS	SNAPSH,C	5		0201	B 333 C	GEN	14	333	
237				)0J004	CS GMWM CLEAR FROM CLRTOP	4		0206	/ |83	GEN	14	1083	

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
238				SBR	)0J004&3	4		0210	H 209	GEN	14	209	
239				SBR	)0L004&6	4		0214	H 255	GEN	14	255	
240				C	)0J004&3,)0M004	7		0218	C 209 266	GEN	14	209	266
241				BU	)0J004	5		0225	B 206 /	GEN	14	206	
				*						GEN			
				*	NOW CLEAR DOWN TO CLRBOT THE HARD WAY					GEN			
				*						GEN			
242			)0K004	C	)0L004&6,)0N004	7		0230	C 255 269	GEN	14	255	269
243				BU	)0L004	5		0237	B 249 /	GEN	15	249	
244				CS	LOADNX,)0Q004	7		0242	/ 700 276	GEN	15	700	276
245			)0L004	LCA	)0P004,0-0	7		0249	L 270 000	GEN	15	270	000
246				SBR	)0L004&6	4		0256	H 255	GEN	15	255	
247				B	)0K004	4		0260	B 230	GEN	15	230	
248			)0M004	DSA	)0R004	3		0266	899	GEN	15	899	
249			)0N004	DSA	BEGIN7	3		0269	838	GEN	15	838	
250			)0P004	DCW	#1	1		0270		GEN	16		
251				DC	@CLRA @	5		0275		GEN	16		
252			)0Q004	DCW	@)@	1		0276		GEN	16		
253				ORG	BEGIN7&X00				0900				
254			)0R004	EQU	*			0899		GEN			
255				XFR	CLRME				B 201		16	201	

SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS
)0J003	0207: 0	)0J004	0206: 0	)0K004	0230: 0	)0L004	0249: 0	)0M004	0266: 0	)0N004	0269: 0
)0P004	0270: 0	)0Q004	0276: 0	)0R004	0899: 0	)1J003	0250: 0	)6J003	0110: 0	)6K003	0700: 0
)6L003	0704: 0	)6M003	0728: 0	)8J003	0257: 0	)8K003	0273: 0	)9J003	0282: 0	)9R003	0285: 0
BEGIN3	0838: 0	BEGIN7	0838: 0	BLANK	1076: 0	BRANCH	1074: 0	CDOVLY	0700: 0	CLEAR	0965: 0
CLEAR2	0985: 0	CLRME	0201: 0	COLON	0881: 0	DONE	0949: 0	DONE2	1016: 0	FORMAT	0938: 0
GM	1068: 0	GMWM	1083: 0	IMOD	0690: 0	K05	1080: 0	K08	1082: 0	K999	1067: 0
KZ2	1078: 0	LOADAD	0838: 0	LOADNX	0700: 0	LOOP	0849: 0	MANTIS	0692: 0	NEXT	0926: 0
NOP	1075: 0	NOTZF	0700: 0	NOTZI	1046: 0	PHAS7	0201: 0	PHASLD	0381: 0	PREFIX	1073: 0
SEEGM	0904: 0	SNAPEX	0564: 0	SNAPSH	0333: 0	SWITCH	0857: 0	TOP3	2600: 0	TOPCOR	0688: 0
TPERR	0728: 0	TPREAD	0704: 0	X1	0089: 0	X2	0094: 0	X3	0099: 0		

UNREFERENCED SYMBOLS

CDOVLY PHASLD SNAPEX TOP3 TPERR TPREAD X3