

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
101			JOB		FORTRAN COMPILER -- CONDENSED DECK PHASE ONE -- 57								
102			CTL		6611								
103			*										
104			*		WHEN REQUESTED (IF THERE ARE NO INPUT ERRORS), THE COMILER								
105			*		WILL PUNCH A SELF-LOADING CARD DECK. THE DECK IS LISTED ON								
106			*		THE PRINTER IF SENSE SWITCH B IS ON. THIS PHASE PUNCHES								
107			*		ONLY THE CLEAR-STORAGE AND BOOTSTRAP CARDS.								
108			*										
109			*		STUFF IN THE RESIDENT AREA								
110			*										
111			PHASID	EQU	110 PHASE ID, FOR SNAPSHOT DUMPS			0110					
112			GLOBER	EQU	184 GLOBAL ERROR FLAG -- WM MEANS ERROR			0184					
113			ARYTOP	EQU	194 TOP OF ARRAYS IN OBJECT CODE			0194					
114			TOPCOR	EQU	688 TOP CORE ADDRESS FROM PARAM CARD			0688					
115			CONDNS	EQU	693 P FOR CONDENSED DECK			0693					
116			*										
117			EXT00		SNAPSH, LOADNX, CDOVLY					MACRO			
118			SNAPSH	EQU	333			0333		GEN			
119			PHASLD	EQU	381			0381		GEN			
120			SNAPEX	EQU	564			0564		GEN			
121			LOADNX	EQU	700 CARD OVERLAY UNLESS NOP			0700		GEN			
122			CDOVLY	EQU	700 1 IF LOADING FROM CARDS, N IF FROM TAPE			0700		GEN			
123			TPREAD	EQU	704 LOAD OVERLAY FROM TAPE			0704		GEN			
124			TPERR	EQU	728			0728		GEN			
125			EXT03		START, TOP OF PHASE 3					MACRO			
126			BEGIN3	EQU	838			0838		GEN			
127			TOP3	EQU	2600			2600		GEN			
128			*										
129			PHAS57	LDPH	CONDECK1,LOADAD,BEGN57,,,57					MACRO			
			*	PHAZ	LDPH [PHASID],LOADAD,ENTAD[,SKIPFG,SKIP],[NUMBER][,HALT]					GEN			
			*	XFR	PHASZ PROHIBITED IN A MACRO					GEN			
			*							GEN			
			*	LOAD	A BLOCK					GEN			
			*							GEN			
130			)6J003	EQU	110 PHASE ID			0110		GEN			
131			)6K003	EQU	700 LOAD NEXT PHASE			0700		GEN			
132			)6L003	EQU	704 TAPE READ INSTRUCTION			0704		GEN			
133			)6M003	EQU	728 TAPE ERROR HANDLER			0728		GEN			
			*							GEN			
134			ORG		201				0201				
135			PHAS57	BSS	)8J003,G		5	0201	B 257 G	GEN	1	257	
136			NOF		TO PATCH IN TRAPS FOR DEBUGGING		1	0206	N	GEN	1		
137			)0J003	EQU	*&1			0207		GEN			
138			LCA	)9J003,)	6J003		7	0207	L 280 110	GEN	1	280	110
139			BCE	)1J003,)	6K003,1 Q: LOADING FROM CARDS?		8	0214	B 250 700 1	GEN	1	250	700
140			BCE	)1J003,)	6L003&4,0 Q: LOADING FROM AUTOCODER TAPE?		8	0222	B 250 708 0	GEN	1	250	708
141			RTW	1,LOADAD	READ THE BLOCK		8	0230	L %U1 838 R	GEN	1	%U1	838
142			BER	)6M003	Q: TAPE ERROR?		5	0238	B 728 L	GEN	2	728	
143			CS	BEGN57,)	9R003 ENTER THE BLOCK		7	0243	/ 883 284	GEN	2	883	284
144			)1J003	CS	)6K003,)	9R003 LOAD CARDS OR AUTOCODER TAPE	7	0250	/ 700 284	GEN	2	700	284

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
145			)8J003	SW	)9R003	4		0257	, 284	GEN	2	284	
146				MU	%T0,)8K003,W	8		0261	M %T0 273 W	GEN	2	%T0	273
147				H	)0J003	4		0269	. 207	GEN	2	207	
148			)8K003	EQU	*&1			0273		GEN			
149			)9J003	DCW	@CONDECK1@ PHASE ID	8		0280		GEN	3		
150				DCW	#1	1		0281		GEN	3		
151				DC	@57@ PHASE NUMBER	2		0283		GEN	3		
152			)9R003	DCW	@}@	1		0284		GEN	3		
153				XFR	PHAS57				B 201		4	201	
154			*										
155				ORG	BEGIN3				0838				
156			*	PUNCH ROUTINE IS USED IN PHASE 58									
157			LOADAD	EQU	*&1			0838					
158	*	838	PUNCH	SBR	PUNCHX&3	4		0838	H 858		5	858	
159		842		A	*-6,175 BUMP SEQUENCE NUMBER	7		0842	A 842 175		5	842	175
160		849		BSS	PUNCHW,B PUNCH AND PRINT?	5		0849	B 859 B		5	859	
161		854		P		1		0854	4		5		
162		855	PUNCHX	B	0-0	4		0855	B 000		5	000	
163		859	PUNCHW	MCW	180,280	7		0859	M 180 280		5	180	280
164		866		MCW		1		0866	M		5		
165		867		WP		1		0867	6		6		
166		868		BCV	*&5	5		0868	B 877 @		6	877	
167		873		B	*&3	4		0873	B 879		6	879	
168		877		CC	1	2		0877	F 1		6		
169		879		B	PUNCHX	4		0879	B 855		6	855	
170	*	883	BEGN57	BCE	*&5,CONDNS,P PUNCH CONDENSED DECK?	8		0883	B 895 693 P		6	895	693
171		891		B	DONE	4		0891	B 955		6	955	
172		895		BW	DONE,GLOBER	8		0895	V 955 184 1		7	955	184
173		903		LCA	ARYTOP,ARYTOP	7		0903	L 194 194		7	194	194
174		910		CS	180	4		0910	/ 180		7	180	
175		914		SW	101	4		0914	, 101		7	101	
176		918		MCW	685,180	7		0918	M 685 180		7	685	180
177		925		BSS	*&5,B PUNCH AND PRINT?	5		0925	B 934 B		7	934	
178		930		B	CONT	4		0930	B 959		7	959	
179		934		CC	1	2		0934	F 1		8		
180		936		CS	332	4		0936	/ 332		8	332	
181		940		CS		1		0940	/		8		
182		941		MCW	TITLE,260	7		0941	M T66 260		8	1366	260
183		948		W		1		0948	2		8		
184		949		CC	J	2		0949	F J		8		
185		951		B	CONT	4		0951	B 959		8	959	
186		955	DONE	B	LOADNX	4		0955	B 700		9	700	
187		964	CONT	LCA	K0000,175 SEQUENCE NUMBER	7		0959	L T70 175		9	1370	175
188		971		BWZ	UNDER4,TOPCOR,2	8		0966	V |07 688 2		9	1007	688
189		979		MCW	B1G4K,152	7		0974	M S81 152		9	1281	152
190		986		B	PUNCH FIRST BOOTSTRAP GE 4K	4		0981	B 838		9	838	
191		990		MCW	TOPCOR,B2AG4K	7		0985	M 688 T10		9	688	1310
192		997		MCW	B2BG4K,171	7		0992	M T52 171		10	1352	171
193	1	004		B	PUNCH SECOND BOOTSTRAP GE 4K	4		0999	B 838		10	838	
194	1	008		B	THIRD	4		1003	B |36		10	1036	

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
195	1	012	UNDER4	MCW	B1L4K,144	7		1007	M /02 144		10	1102	144
196	1	019		B	PUNCH FIRST BOOTSTRAP LT 4K	4		1014	B 838		10	838	
197	1	023		MCW	TOPCOR,B2AL4K	7		1018	M 688 /31		10	688	1131
198	1	030		MCW	B2BL4K,170	7		1025	M /72 170		11	1172	170
199	1	037		B	PUNCH SECOND BOOTSTRAP LT 4K	4		1032	B 838		11	838	
200	1	041	THIRD	MCW	R40,171	7		1036	M /83 171		11	1183	171
201	1	048		CS		1		1043	/		11		
202	1	049		LCA	B3,146	7		1044	L S29 146		11	1229	146
203	1	056		B	PUNCH THIRD BOOTSTRAP	4		1051	B 838		11	838	
204	1	060		B	DONE	4		1055	B 955		11	955	
205	1	107	B1L4K	DCW	@,008015,019026,030,034041,045,053,0570571026@	44		1102			13		
206	1	136	B2AL4K	DCW	@L068112,102106,113/101099/I99@	29		1131			13		
207	1	177	B2BL4K	DC	@,027A070028)027B0010270B0261,001/001113I0@	41		1172			15		
208	1	188	R40	DCW	@,0010011040@	11		1183			15		
209	1	234	B3	DCW	@,008015,022029,036040,047054,061068,072/061039@	46		1229			17		
210	1	277		DCW	@,008015,022026,030037,044,049,053034,035036@ V3M4	43		1272			19		
211	1	286	B1G4K	DC	@N00001026@	9		1281			19		
212	1	315	B2AG4K	DCW	@L068116,105106,110117B101/I9I@	29		1310			20		
213	1	357	B2BG4K	DC	@H029NNNC029056B026/B001/0991,001/001117I0?@ V3M4	42		1352			22		
214	1	371	TITLE	DCW	@CONDENSED DECK@	14		1366			22		
215	1	375	K0000	DCW	@0000@	4		1370			22		
216	1	376	GMWM	DCW	@}@	1		1371		GMARK	22		
217				XFR	BEGN57				B 883		23	883	
218			CLRME	CLRA	BEGN57,GMWM,C					MACRO			
			*	CLRA	CLRBOT,CLRTOP[,SS,HERE,GWMAD]					GEN			
			*							GEN			
			*	CLEAR CORE	AFTER A PHASE USING THE CLRTOP ADDRESS					GEN			
			*							GEN			
219			ORG		201				0201				
			*							GEN			
			*	CLEAR DOWN	TO CLRBOT & X00 THE EASY WAY					GEN			
			*							GEN			
220			CLRME	EQU	*&1			0201		GEN			
221				BSS	SNAPSH,C	5		0201	B 333 C	GEN	24	333	
222			)0J004	CS	GMWM CLEAR FROM CLRTOP	4		0206	/ T71	GEN	24	1371	
223				SBR	)0J004&3	4		0210	H 209	GEN	24	209	
224				SBR	)0L004&6	4		0214	H 255	GEN	24	255	
225				C	)0J004&3,)0M004 DOWN TO CLRBOT & X00?	7		0218	C 209 266	GEN	24	209	266
226				BU	)0J004	5		0225	B 206 /	GEN	24	206	
			*							GEN			
			*	NOW CLEAR	DOWN TO CLRBOT THE HARD WAY					GEN			
			*							GEN			
227			)0K004	C	)0L004&6,)0N004	7		0230	C 255 269	GEN	24	255	269
228				BU	)0L004	5		0237	B 249 /	GEN	25	249	
229				CS	LOADNX,)0Q004 LOAD THE NEXT BLOCK AT 1	7		0242	/ 700 276	GEN	25	700	276
230			)0L004	LCA	)0P004,0-0 CLEAR WITH BLANK AND WORD MARK	7		0249	L 270 000	GEN	25	270	000
231				SBR	)0L004&6	4		0256	H 255	GEN	25	255	
232				B	)0K004	4		0260	B 230	GEN	25	230	
233			)0M004	DSA	)0R004 CLRBOT & X00 - 1	3		0266	899	GEN	25	899	
234			)0N004	DSA	BEGN57 CLRBOT	3		0269	883	GEN	25	883	

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
235			)0P004	DCW	#1		1	0270		GEN	26		
236				DC	@CLRA @ IDENTIFY IN A DECK, TAPE, OR DUMP		5	0275		GEN	26		
237			)0Q004	DCW	@}@		1	0276		GEN	26		
238				ORG	BEGN57&X00				0900				
239			)0R004	EQU	* CLRBOT & X00 - 1			0899		GEN			
240				XFR	CLRME				B 201		27	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	0280: 0	)9R003	0284: 0
ARYTOP	0194: 0	B1G4K	1281: 0	B1L4K	1102: 0	B2AG4K	1310: 0	B2AL4K	1131: 0	B2BG4K	1352: 0
B2BL4K	1172: 0	B3	1229: 0	BEGIN3	0838: 0	BEGN57	0883: 0	CDOVLY	0700: 0	CLRME	0201: 0
CONDNS	0693: 0	CONT	0959: 0	DONE	0955: 0	GLOBER	0184: 0	GMWM	1371: 0	K0000	1370: 0
LOADAD	0838: 0	LOADNX	0700: 0	PHAS57	0201: 0	PHASID	0110: 0	PHASLD	0381: 0	PUNCH	0838: 0
PUNCHW	0859: 0	PUNCHX	0855: 0	R40	1183: 0	SNAPEX	0564: 0	SNAPSH	0333: 0	THIRD	1036: 0
TITLE	1366: 0	TOP3	2600: 0	TOPCOR	0688: 0	TPERR	0728: 0	TPREAD	0704: 0	UNDER4	1007: 0

UNREFERENCED SYMBOLS

CDOVLY PHASID PHASLD SNAPEX TOP3 TPERR TPREAD