

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
101			JOB		FORTRAN COMPILER -- LIST PHASE THREE -- PHASE 27								
102			CTL		6611								
103			*										
104			*		EACH INPUT-OUTPUT STATEMENT IS REDUCED TO THE ADDRESS OF								
105			*		THE LIST STRING (WHEN PRESENT), THE FORMAT STRING (WHEN								
106			*		PRESENT), AND THE TAPE UNIT NUMBER (WHEN APPLICABLE).								
107			*										
108			*		ON ENTRY, X1 IS THE TOP OF THE TOP I/O STATEMENT AND X2								
109			*		IS ONE BELOW THE TABLE OF I/O STRINGS, FORMATS AND NUMBERS.								
110			*										
111			*		ON EXIT, 83 IS THE TOP OF CODE IN HIGH CORE AND X2 IS ONE								
112			*		BELOW THE BOTTOM OF CODE IN HIGH CORE.								
113			*										
114			X1	EQU	89			0089					
115			X2	EQU	94			0094					
116			*										
117			*		STUFF IN THE RESIDENT AREA								
118			*										
119				EXT00	SNAPSH, LOADNX, CDOVLY					MACRO			
120			SNAPSH	EQU	333			0333		GEN			
121			PHASLD	EQU	381			0381		GEN			
122			SNAPEX	EQU	564			0564		GEN			
123			LOADNX	EQU	700	CARD OVERLAY UNLESS NOP		0700		GEN			
124			CDOVLY	EQU	700	1 IF LOADING FROM CARDS, N IF FROM TAPE		0700		GEN			
125			TPREAD	EQU	704	LOAD OVERLAY FROM TAPE		0704		GEN			
126			TPERR	EQU	728			0728		GEN			
127			*										
128				EXT03	START, TOP OF PHASE 3					MACRO			
129			BEGIN3	EQU	838			0838		GEN			
130			TOP3	EQU	2600			2600		GEN			
131				EXT25	STUFF IN PHASE 25 - LISTR PHASE 1					MACRO			
132			SEQCOD	EQU	841			0841		GEN			
133			SX1	EQU	844			0844		GEN			
134			BEGN25	EQU	845			0845		GEN			
135			*										
136			110	DCW	@LISTR TRI@		9	0110			1		
137			*										
138			PHAS27	LDPH	LISTR TRI, LOADAD, BEGN27, , , 27					MACRO			
			*	PHAZ	LDPH [PHASID], LOADAD, ENTAD[, SKIPFG, SKIP], [NUMBER] [, HALT]					GEN			
			*	XFR	PHASZ PROHIBITED IN A MACRO					GEN			
			*							GEN			
			*	LOAD	A BLOCK					GEN			
			*							GEN			
139			)6J004	EQU	110	PHASE ID		0110		GEN			
140			)6K004	EQU	700	LOAD NEXT PHASE		0700		GEN			
141			)6L004	EQU	704	TAPE READ INSTRUCTION		0704		GEN			
142			)6M004	EQU	728	TAPE ERROR HANDLER		0728		GEN			
			*							GEN			
143				ORG	201				0201				
144			PHAS27	EQU	*&1			0201		GEN			

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
145				LCA	)9J004,)6J004	7		0201	L 252 110	GEN	2	252	110
146				BCE	)6K004,)6K004,1	8		0208	B 700 700 1	GEN	2	700	700
147				BCE	)6K004,)6L004&4,0	8		0216	B 700 708 0	GEN	2	700	708
148				RTW	1,LOADAD	8		0224	L %U1 845 R	GEN	2	%U1	845
149				BER	)6M004	5		0232	B 728 L	GEN	2	728	
150				CS	BEGN27,)9R004	7		0237	/ 845 256	GEN	3	845	256
151			)9J004	DCW	@LISTR TRI@	9		0252		GEN	3		
152				DC	#1	1		0253		GEN	3		
153				DC	@27@	2		0255		GEN	3		
154			)9R004	DCW	@}@	1		0256		GEN	3		
155				XFR	PHAS27				B 201		3	201	
156			*										
157				ORG	BEGN25				0845				
158				LOADAD	EQU *&1			0845					
159	845		BEGN27	MCW	X2,83	7		0845	M 094 083		4	094	083
160	852			SW	GM	4		0852	, 979		4	979	
161	856			LCA	GM,0&X2 GM BELOW I/O STRING TABLE	7		0856	L 979 0!0		4	979	000+2
162	863			SBR	X2	4		0863	H 094		4	094	
163	867		TESTIO	BW	NOTIO,0&X1	8		0867	V 918 0 0 1		4	918	000+1
164	875			B	MOVE MOVE PREFIX	4		0875	B 942		4	942	
165	879			B	MOVE MOVE TAPE NUMBER AND LIST (R/W TAPE),	4		0879	B 942		4	942	
166			*		TAPE NUMBER AND FORMAT (R/W I/O TAPE),								
167			*		OR FORMAT (READ/PRINT/PUNCH)								
168	883			BCE	TESTIO,1&X2,} END OF STATEMENT?	8		0883	B 867 0!1 } GMARK		5	867	001+2
169	891			CW	1&X2	4		0891	) 0!1		5	001+2	
170	895			C	0&X1 GET DOWN TO WM	4		0895	C 0 0		5	000+1	
171	899			SAR	X1	4		0899	Q 089		5	089	
172	903			SBR	X1,1&X1	7		0903	H 089 0 1		5	089	001+1
173	910			B	MOVE MOVE LIST (R/W I/O TAPE) OR ONLY GMWM	4		0910	B 942		5	942	
174	914			B	TESTIO	4		0914	B 867		5	867	
175			*										
176			*		NOT I/O, COPY EVERYTHING ELSE								
177			*										
178	918		NOTIO	CW	0&X1	4		0918	) 0 0		6	000+1	
179	922		COPY	BCE	DONE,0&X1,	8		0922	B 969 0 0		6	969	000+1
180	930			B	MOVE MOVE PREFIX	4		0930	B 942		6	942	
181	934			B	MOVE MOVE BODY	4		0934	B 942		6	942	
182	938			B	COPY	4		0938	B 922		6	922	
183			*										
184			*		MOVE FROM CODE AREA TO LIST AREA								
185			*										
186	942		MOVE	SBR	MOVEX&3	4		0942	H 968		6	968	
187	946			LCA	0&X1,0&X2	7		0946	L 0 0 0!0		6	000+1	000+2
188	953			SAR	X1	4		0953	Q 089		7	089	
189	957			C	0&X2	4		0957	C 0!0		7	000+2	
190	961			SAR	X2	4		0961	Q 094		7	094	
191	965		MOVEX	B	0-0	4		0965	B 000		7	000	
192			*										
193	969		DONE	BSS	SNAPSH,D	5		0969	B 333 D		7	333	
194	1 006			B	LOADNX	4		0974	B 700		7	700	

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
195			*										
196	1	011	GM	DCW	@ }@	2		0979			7		
197	1	018	GMWM	DCW	@}@	1		0980		GMARK	8		
198			XFR	BEGN27					B 845		8	845	
199			CLRME	CLRA	BEGIN3,GMWM					MACRO			
			*	CLRA	CLRBOT,CLRTOP[,ORG,GMWMAD]					GEN			
			*							GEN			
			*	CLEAR CORE	AFTER A PHASE USING THE CLRTOP ADDRESS					GEN			
			*							GEN			
200			ORG	201					0201				
			*							GEN			
			*	CLEAR DOWN	TO CLRBOT & X00 THE EASY WAY					GEN			
			*							GEN			
201			CLRME	EQU	*&1			0201		GEN			
202			)0J005	CS	GMWM CLEAR FROM CLRTOP	4		0201 / 980		GEN	9	980	
203				SBR	)0J005&3	4		0205 H 204		GEN	9	204	
204				SBR	)0L005&6	4		0209 H 250		GEN	9	250	
205				C	)0J005&3,)0M005 DOWN TO CLRBOT & X00?	7		0213 C 204 261		GEN	9	204	261
206				BU	)0J005	5		0220 B 201 /		GEN	9	201	
			*							GEN			
			*	NOW CLEAR	DOWN TO CLRBOT THE HARD WAY					GEN			
			*							GEN			
207			)0K005	C	)0L005&6,)0N005	7		0225 C 250 264		GEN	9	250	264
208				BU	)0L005	5		0232 B 244 /		GEN	9	244	
209				CS	LOADNX,)0Q005 LOAD THE NEXT BLOCK AT 1	7		0237 / 700 271		GEN	10	700	271
210			)0L005	LCA	)0P005,0-0 CLEAR WITH BLANK AND WORD MARK	7		0244 L 265 000		GEN	10	265	000
211				SBR	)0L005&6	4		0251 H 250		GEN	10	250	
212				B	)0K005	4		0255 B 225		GEN	10	225	
213			)0M005	DSA	)0R005 CLRBOT & X00 - 1	3		0261 899		GEN	10	899	
214			)0N005	DSA	BEGIN3 CLRBOT	3		0264 838		GEN	10	838	
215			)0P005	DCW	#1	1		0265		GEN	10		
216				DC	@CLRA @ IDENTIFY IN A DECK, TAPE, OR DUMP	5		0270		GEN	10		
217			)0Q005	DCW	@}@	1		0271		GEN	11		
218				ORG	BEGIN3&X00				0900				
219			)0R005	EQU	* CLRBOT & X00 - 1			0899		GEN			
220				XFR	CLRME				B 201		11	201	

SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS
)0J005	0201: 0	)0K005	0225: 0	)0L005	0244: 0	)0M005	0261: 0	)0N005	0264: 0	)0P005	0265: 0
)0Q005	0271: 0	)0R005	0899: 0	)6J004	0110: 0	)6K004	0700: 0	)6L004	0704: 0	)6M004	0728: 0
)9J004	0252: 0	)9R004	0256: 0	BEGIN3	0838: 0	BEGN25	0845: 0	BEGN27	0845: 0	CDOVLY	0700: 0
CLRME	0201: 0	COPY	0922: 0	DONE	0969: 0	GM	0979: 0	GMWM	0980: 0	LOADAD	0845: 0
LOADNX	0700: 0	MOVE	0942: 0	MOVEX	0965: 0	NOTIO	0918: 0	PHAS27	0201: 0	PHASLD	0381: 0
SEQCOD	0841: 0	SNAPEX	0564: 0	SNAPSH	0333: 0	SX1	0844: 0	TESTIO	0867: 0	TOP3	2600: 0
TPERR	0728: 0	TPREAD	0704: 0	X1	0089: 0	X2	0094: 0				

## UNREFERENCED SYMBOLS

CDOVLY PHASLD SEQCOD SNAPEX SX1 TOP3 TPERR TPREAD