

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, ENTAD, , , 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	BSS	)8J004,G		5	0201	B 257 G	GEN	2	257	

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
145				NOP	TO PATCH IN TRAPS FOR DEBUGGING	1		0206	N	GEN	2		
146			)0J004	EQU	*&1			0207		GEN			
147				LCA	)9J004,)6J004	7		0207	L 281 110	GEN	2	281	110
148				BCE	)1J004,)6K004,1 Q: LOADING FROM CARDS?	8		0214	B 250 700 1	GEN	2	250	700
149				BCE	)1J004,)6L004&4,0 Q: LOADING FROM AUTOCODER TAPE?	8		0222	B 250 708 0	GEN	2	250	708
150				RTW	1,LOADAD READ THE BLOCK	8		0230	L %U1 845 R	GEN	2	%U1	845
151				BER	)6M004 Q: TAPE ERROR?	5		0238	B 728 L	GEN	3	728	
152				CS	BEGN27,)9R004 ENTER THE BLOCK	7		0243	/ 845 285	GEN	3	845	285
153			)1J004	CS	)6K004,)9R004 LOAD CARDS OR AUTOCODER TAPE	7		0250	/ 700 285	GEN	3	700	285
154			)8J004	SW	)9R004	4		0257	, 285	GEN	3	285	
155				MU	%T0,)8K004,W	8		0261	M %T0 273 W	GEN	3	%T0	273
156				H	)0J004	4		0269	. 207	GEN	3	207	
157			)8K004	EQU	*&1			0273		GEN			
158			)9J004	DCW	@LISTR TRI@ PHASE ID	9		0281		GEN	4		
159				DCW	#1	1		0282		GEN	4		
160				DC	@27@ PHASE NUMBER	2		0284		GEN	4		
161			)9R004	DCW	@}@	1		0285		GEN	4		
162				XFR	PHAS27				B 201		4	201	
163			*										
164				ORG	BEGN25				0845				
165			LOADAD	EQU	*&1 LOAD ADDRESS			0845					
166	845		BEGN27	MCW	X2,83	7		0845	M 094 083		5	094	083
167	852			SW	GM	4		0852	, 970		5	970	
168	856			LCA	GM,0&X2 GM BELOW I/O STRING TABLE	7		0856	L 970 0!0		5	970	000+2
169	863			SBR	X2	4		0863	H 094		5	094	
170	867		TESTIO	BW	NOTIO,0&X1	8		0867	V 918 0|0 1		5	918	000+1
171	875			B	MOVE MOVE PREFIX	4		0875	B 942		5	942	
172	879			B	MOVE MOVE TAPE NUMBER AND LIST (R/W TAPE),	4		0879	B 942		5	942	
173			*		TAPE NUMBER AND FORMAT (R/W I/O TAPE),								
174			*		OR FORMAT (READ/PRINT/PUNCH)								
175	883			BCE	TESTIO,1&X2,} END OF STATEMENT?	8		0883	B 867 0!1 } GMARK		6	867	001+2
176	891			CW	1&X2	4		0891	) 0!1		6	001+2	
177	895			C	0&X1 GET DOWN TO WM	4		0895	C 0|0		6	000+1	
178	899			SAR	X1	4		0899	Q 089		6	089	
179	903			SBR	X1,1&X1	7		0903	H 089 0|1		6	089	001+1
180	910			B	MOVE MOVE LIST (R/W I/O TAPE) OR ONLY GMWM	4		0910	B 942		6	942	
181	914			B	TESTIO	4		0914	B 867		6	867	
182			*										
183			*		NOT I/O, COPY EVERYTHING ELSE								
184			*										
185	918		NOTIO	CW	0&X1	4		0918	) 0|0		7	000+1	
186	922		COPY	BCE	DONE,0&X1,	8		0922	B 700 0|0		7	700	000+1
187	930			B	MOVE MOVE PREFIX	4		0930	B 942		7	942	
188	934			B	MOVE MOVE BODY	4		0934	B 942		7	942	
189	938			B	COPY	4		0938	B 922		7	922	
190			*										
191			*		MOVE FROM CODE AREA TO LIST AREA								
192			*										
193	942		MOVE	SBR	MOVEX&3	4		0942	H 968		7	968	
194	946			LCA	0&X1,0&X2	7		0946	L 0 0 0!0		7	000+1	000+2

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195		953		SAR	X1	4		0953	Q 089		8	089	
196		957		C	0&X2	4		0957	C 0!0		8	000+2	
197		961		SAR	X2	4		0961	Q 094		8	094	
198		965	MOVEX	B	0-0	4		0965	B 000		8	000	
199			*										
200		969	DONE	EQU	LOADNX			0700					
201			*										
202	1	011	GM	DCW	@ }@	2		0970			8		
203	1	018	GMWM	DCW	@}@	1		0971		GMARK	8		
204				XFR	BEGN27				B 845		8	845	
205			CLRME	CLRA	BEGIN3,GMWM,D					MACRO			
			*	CLRA	CLRBOT,CLRTOP[,SS,HERE,GWMAD]					GEN			
			*							GEN			
			*	CLEAR CORE	AFTER A PHASE USING THE CLRTOP ADDRESS					GEN			
			*							GEN			
206			ORG		201				0201				
			*							GEN			
			*	CLEAR DOWN	TO CLRBOT & X00 THE EASY WAY					GEN			
			*							GEN			
207			CLRME	EQU	*&1			0201		GEN			
208				BSS	SNAPSH,D	5		0201	B 333 D	GEN	9	333	
209			)0J005	CS	GMWM CLEAR FROM CLRTOP	4		0206	/ 971	GEN	9	971	
210				SBR	)0J005&3	4		0210	H 209	GEN	9	209	
211				SBR	)0L005&6	4		0214	H 255	GEN	9	255	
212				C	)0J005&3,)0M005 DOWN TO CLRBOT & X00?	7		0218	C 209 266	GEN	9	209	266
213				BU	)0J005	5		0225	B 206 /	GEN	9	206	
			*							GEN			
			*	NOW CLEAR	DOWN TO CLRBOT THE HARD WAY					GEN			
			*							GEN			
214			)0K005	C	)0L005&6,)0N005	7		0230	C 255 269	GEN	9	255	269
215				BU	)0L005	5		0237	B 249 /	GEN	10	249	
216				CS	LOADNX,)0Q005 LOAD THE NEXT BLOCK AT 1	7		0242	/ 700 276	GEN	10	700	276
217			)0L005	LCA	)0P005,0-0 CLEAR WITH BLANK AND WORD MARK	7		0249	L 270 000	GEN	10	270	000
218				SBR	)0L005&6	4		0256	H 255	GEN	10	255	
219				B	)0K005	4		0260	B 230	GEN	10	230	
220			)0M005	DSA	)0R005 CLRBOT & X00 - 1	3		0266	899	GEN	10	899	
221			)0N005	DSA	BEGIN3 CLRBOT	3		0269	838	GEN	10	838	
222			)0P005	DCW	#1	1		0270		GEN	11		
223				DC	@CLRA @ IDENTIFY IN A DECK, TAPE, OR DUMP	5		0275		GEN	11		
224			)0Q005	DCW	@}@	1		0276		GEN	11		
225				ORG	BEGIN3&X00				0900				
226			)0R005	EQU	* CLRBOT & X00 - 1			0899		GEN			
227				XFR	CLRME				B 201		11	201	

SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS
)0J004	0207: 0	)0J005	0206: 0	)0K005	0230: 0	)0L005	0249: 0	)0M005	0266: 0	)0N005	0269: 0
)0P005	0270: 0	)0Q005	0276: 0	)0R005	0899: 0	)1J004	0250: 0	)6J004	0110: 0	)6K004	0700: 0
)6L004	0704: 0	)6M004	0728: 0	)8J004	0257: 0	)8K004	0273: 0	)9J004	0281: 0	)9R004	0285: 0
BEGIN3	0838: 0	BEGN25	0845: 0	BEGN27	0845: 0	CDOVLY	0700: 0	CLRME	0201: 0	COPY	0922: 0
DONE	0700: 0	GM	0970: 0	GMWM	0971: 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