

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
101			JOB		FORTRAN COMPILER -- LIST PHASE ONE -- PHASE 25								
102			CTL		6611								
103			*										
104			*		DUPLICATE LISTS ARE CHECKED AND ELIMINATED TO OPTIMIZE								
105			*		STORAGE AT OBJECT TIME.								
106			*										
107			*		ON ENTRY, X1 IS THE TOP OF STATEMENTS IN LOW CORE, X3 IS								
108			*		ONE BELOW THE FORMAT STRINGS OR NUMBER TABLE, AND 81-83								
109			*		IS ONE BELOW THE FORMAT STRINGS OR NUMBER TABLE.								
110			*										
111			X1	EQU	89				0089				
112			X2	EQU	94				0094				
113			X3	EQU	99				0099				
114			*										
115			*		STUFF IN THE RESIDENT AREA								
116			*										
117			NXBTM	EQU	83				0083				
118			BOTFMT	EQU	154				0154				
119			NEGARY	EQU	163				0163				
120			GLOBER	EQU	184				0184				
121			FMTSW	EQU	696				0696				
122			*		BLANK FOR ORDINARY, A FOR A CONVERSION								
123			*										
124					EXT00 SNAPSH, LOADNX, CDOVLY								MACRO
125			SNAPSH	EQU	333				0333				GEN
126			PHASLD	EQU	381				0381				GEN
127			SNAPEX	EQU	564				0564				GEN
128			LOADNX	EQU	700				0700				GEN
129			CDOVLY	EQU	700				0700				GEN
130			TPREAD	EQU	704				0704				GEN
131			TPERR	EQU	728				0728				GEN
132			*										
133					EXT03 START OF PHASE 3								MACRO
134			BEGIN3	EQU	838				0838				GEN
135			TOP3	EQU	2600				2600				GEN
136			*										
137			110	DCW	@LISTR ONE@			9	0110				1
138			094	DCW	000			3	0094				2
139			096	DC	00			2	0096				2
140			099	DCW	000			3	0099				2
141			100	DC	0			1	0100				2
142			*										
143			PHAS25	LDPH	LISTR ONE,LOADAD,BEGN25,,,25								MACRO
			*	PHAZ	LDPH [PHASID],LOADAD,ENTAD[,SKIPFG,SKIP],[NUMBER][,HALT]								GEN
			*	XFR	PHASZ PROHIBITED IN A MACRO								GEN
			*										GEN
			*	LOAD	A BLOCK								GEN
			*										GEN
144			)6J003	EQU	110				0110				GEN
145			)6K003	EQU	700				0700				GEN

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
195			*										
196	935		IOSTMT	C	0&X1 GET DOWN	4		0935	C 0|0		9	000+1	
197	939		SAR		X1 TO BODY	4		0939	Q 089		9	089	
198	943		B		GETCOM GET X1 DOWN TO A COMMA	4		0943	B |88		9	1088	
199	947		CW		114	4		0947	) 114		9	114	
200	951		BCE		*&5,FMTSW,L LIMITED FORMAT ROUTINE?	8		0951	B 963 696 L		9	963	696
201	959		CW		115	4		0959	) 115		10	115	
202	963		SW		0&X1 UNDER THE COMMA	4		0963	, 0|0		10	000+1	
203	967		SAR		X1	4		0967	Q 089		10	089	
204	971		MCW		SX1,X3 TOP OF STATEMENTS	7		0971	M 844 099		10	844	099
205	978		TWOWM	C	0&X3 SKIP TWO	4		0978	C 0?0		10	000+3	
206	982		C		WORD MARKS	1		0982	C		10		
207	983		SAR		X3	4		0983	Q 099		10	099	
208	987		BCE		TWOWM,1&X3,}	8		0987	B 978 0?1 } GMARK		11	978	001+3
209	995		C		X1,X3	7		0995	C 089 099		11	089	099
210	1 002		BU		CHKLST	5		1002	B |19 /		11	1019	
211	1 007		STMBOT	C	0&X1	4		1007	C 0|0		11	000+1	
212	1 011		SAR		X1	4		1011	Q 089		11	089	
213	1 015		B		LOOP	4		1015	B 888		11	888	
214	1 019		CHKLST	C	0&X1,0&X3	7		1019	C 0|0 0?0		11	000+1	000+3
215	1 026		BU		GETGM LISTS ARE DIFFERENT	5		1026	B |68 /		12	1068	
216	1 031		C		0&X3,0&X1	7		1031	C 0?0 0|0		12	000+3	000+1
217	1 038		BU		GETGM LISTS ARE DIFFERENT	5		1038	B |68 /		12	1068	
218	1 043		BW		SYNTAX,0&X1	8		1043	V /16 0|0 1		12	1116	000+1
219	1 051		BWZ			1		1051	V		12		
220	1 052		BWZ			1		1052	V		12		
221	1 053		LCA		X3,0&X1 LINK IDENTICAL LISTS TOGETHER	7		1053	L 099 0|0		12	099	000+1
222	1 060		SBR		X1	4		1060	H 089		13	089	
223	1 064		B		STMBOT	4		1064	B |07		13	1007	
224			*										
225			*		LISTS ARE UNEQUAL. GET X3 DOWN TO A GMWM								
226			*										
227	1 068		GETGM	C	0&X3 SKIP ONE	4		1068	C 0?0		13	000+3	
228	1 072		SAR		X3 WORD MARK	4		1072	Q 099		13	099	
229	1 076		BCE		TWOWM,1&X3,}	8		1076	B 978 0?1 } GMARK		13	978	001+3
230	1 084		B		GETGM	4		1084	B |68		13	1068	
231			*										
232			*		GET COMMA								
233			*										
234	1 088		GETCOM	SBR	GETCMX&3	4		1088	H /03		13	1103	
235	1 092		SCHCOM	BW	STMBOT,0&X1	8		1092	V |07 0|0 1		14	1007	000+1
236	1 100		GETCMX	BCE	0-0,0&X1,,	8		1100	B 000 0|0 ,		14	000	000+1
237	1 108		SBR		X1	4		1108	H 089		14	089	
238	1 112		B		SCHCOM	4		1112	B |92		14	1092	
239			*										
240			*		LIST SYNTAX ERROR								
241			*										
242	1 116		SYNTAX	CS	332	4		1116	/ 332		14	332	
243	1 120			CS		1		1120	/		14		
244	1 121			SW	GLOBER	4		1121	, 184		14	184	

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
245	1	125		MN	SEQCOD,237	7		1125	D 841 237		15	841	237
246	1	132		MN		1		1132	D		15		
247	1	133		MN		1		1133	D		15		
248	1	134		MCW	ERR18	4		1134	M S24		15	1224	
249	1	138		W		1		1138	2		15		
250	1	139		BCV	* &5	5		1139	B /48 @		15	1148	
251	1	144		B	* &3	4		1144	B /50		15	1150	
252	1	148		CC	1	2		1148	F 1		16		
253	1	150		MCW	SLASH,SEQCOD-3	7		1150	M S25 838		16	1225	838
254	1	157	SX1B	MCW	SEQCOD,0	7		1157	M 841 000		16	841	000
255	1	164		B	STMBOT	4		1164	B |07		16	1007	
256			*										
257	1	168	DONE	SW	0&X1	4		1168	, 0|0		16	000+1	
258	1	172		MCW	SX1,X1	7		1172	M 844 089		16	844	089
259	1	209		B	LOADNX	4		1179	B 700		16	700	
260			*										
261			*	DATA									
262			*										
263	1	213	DOT	DCW	@.@	1		1183			17		
264	1	220	STMTS	DCW	@5613LUP@ READ/WRITE (INPUT) (TAPE), PRINT, PUNCH	7		1190			17		
265	1	254	ERR18	DCW	@ERROR 18 - LIST SYNTAX, STATEMENT @	34		1224			18		
266	1	255	SLASH	DCW	@/@	1		1225			18		
267	1	265	GMWM	DCW	@}@	1		1226		GMARK	18		
268				XFR	BEGN25				B 845		18	845	
269			CLRME	CLRA	BEGN25,GMWM,C					MACRO			
			*	CLRA	CLRBOT,CLRTOP[,SS,HERE,GWMAD]					GEN			
			*							GEN			
			*	CLEAR CORE	AFTER A PHASE USING THE CLRTOP ADDRESS					GEN			
			*							GEN			
270				ORG	201				0201				
			*							GEN			
			*	CLEAR DOWN	TO CLRBOT & X00 THE EASY WAY					GEN			
			*							GEN			
271			CLRME	EQU	* &1			0201					
272				BSS	SNAPSH,C	5		0201	B 333 C		19	333	
273			)0J004	CS	GMWM CLEAR FROM CLRTOP	4		0206	/ S26		19	1226	
274				SBR	)0J004&3	4		0210	H 209		19	209	
275				SBR	)0L004&6	4		0214	H 255		19	255	
276				C	)0J004&3,)0M004 DOWN TO CLRBOT & X00?	7		0218	C 209 266		19	209	266
277				BU	)0J004	5		0225	B 206 /		19	206	
			*							GEN			
			*	NOW CLEAR	DOWN TO CLRBOT THE HARD WAY					GEN			
			*							GEN			
278			)0K004	C	)0L004&6,)0N004	7		0230	C 255 269		19	255	269
279				BU	)0L004	5		0237	B 249 /		20	249	
280				CS	LOADNX,)0Q004 LOAD THE NEXT BLOCK AT 1	7		0242	/ 700 276		20	700	276
281			)0L004	LCA	)0P004,0-0 CLEAR WITH BLANK AND WORD MARK	7		0249	L 270 000		20	270	000
282				SBR	)0L004&6	4		0256	H 255		20	255	
283				B	)0K004	4		0260	B 230		20	230	
284			)0M004	DSA	)0R004 CLRBOT & X00 - 1	3		0266	899		20	899	

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
285			)0N004	DSA	BEGN25 CLRBOT	3		0269	845	GEN	20	845	
286			)0P004	DCW	#1	1		0270		GEN	21		
287				DC	@CLRA @ IDENTIFY IN A DECK, TAPE, OR DUMP	5		0275		GEN	21		
288			)0Q004	DCW	@)@	1		0276		GEN	21		
289				ORG	BEGN25&X00				0900				
290			)0R004	EQU	* CLRBOT & X00 - 1			0899		GEN			
291				XFR	CLRME				B 201		21	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	0281: 0	)9R003	0285: 0
BEGIN3	0838: 0	BEGN25	0845: 0	BOTFMT	0154: 0	CDOVLY	0700: 0	CHKLST	1019: 0	CLRME	0201: 0
DONE	1168: 0	DOT	1183: 0	ERR18	1224: 0	FMTSW	0696: 0	GETCMX	1100: 0	GETCOM	1088: 0
GETGM	1068: 0	GLOBER	0184: 0	GMWM	1226: 0	IOSTMT	0935: 0	LOADAD	0838: 0	LOADNX	0700: 0
LOOP	0888: 0	NEGARY	0163: 0	NXBTM	0083: 0	PHAS25	0201: 0	PHASLD	0381: 0	SCHCOM	1092: 0
SEQCOD	0841: 0	SLASH	1225: 0	SNAPEX	0564: 0	SNAPSH	0333: 0	STMBOT	1007: 0	STMTS	1190: 0
SX1	0844: 0	SX1B	1157: 0	SYNTAX	1116: 0	TOP3	2600: 0	TPERR	0728: 0	TPREAD	0704: 0
TWOWM	0978: 0	X1	0089: 0	X2	0094: 0	X3	0099: 0				

UNREFERENCED SYMBOLS

CDOVLY PHASLD SNAPEX TOP3 TPERR TPREAD