

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
101			JOB		FORTRAN COMPILER -- VARIABLES PHASE 3 -- 15								
102			CTL		6611								
103			*										
104			*		EXTERNALLY REFERENCED SYMBOLS ARE MARKED WITH ASTERISK IN COLUMN 1.								
105			*										
106			*		THIS PHASE DOES HOUSEKEEPING FOR VARIABLES PHASE 4								
107			*										
108			*		ON ENTRY, X2 IS ONE ABOVE THE PREFIX OF THE TOPMOST STATEMENT								
109			*										
110			X2	EQU	94			0094					
111			*										
112			*		STUFF IN THE RESIDENT AREA								
113			*										
114			*										
115				EXT00	SNAPSH, LOADNX, CDOVLY					MACRO			
116			SNAPSH	EQU	333			0333		GEN			
117			PHASLD	EQU	381			0381		GEN			
118			SNAPEX	EQU	564			0564		GEN			
119			LOADNX	EQU	700			0700		GEN			
120			CDOVLY	EQU	700			0700		GEN			
121			TPREAD	EQU	704			0704		GEN			
122			TPERR	EQU	728			0728		GEN			
123			*										
124				EXT14	STUFF IN VARIABLE PHASE TWO -- PHASE 14					MACRO			
125			TOPCD9	EQU	840			0840		GEN			
126			DIFF	EQU	845			0845		GEN			
127			BNDRY	EQU	848			0848		GEN			
128			BEGN14	EQU	849			0849		GEN			
129				EXT18	STUFF IN CONSTANT PHASE ONE -- PHASE 18					MACRO			
130			FREBOT	EQU	2599			2599		GEN			
131			*										
132			110	DCW	@VARBL TRI@		9	0110				1	
133			099	DCW	000		3	0099				2	
134			100	DC	0		1	0100				2	
135			*										
136			PHAS15	LDPH	VARBL TRI,LOADAD,BEGN15,,,15					MACRO			
			*	PHAZ	LDPH [PHASID],LOADAD,ENTAD[,SKIPFG,SKIP],[NUMBER][,HALT]					GEN			
			*	XFR	PHASZ PROHIBITED IN A MACRO					GEN			
			*							GEN			
			*	LOAD	A BLOCK					GEN			
			*							GEN			
137			)6J004	EQU	110			0110		GEN			
138			)6K004	EQU	700			0700		GEN			
139			)6L004	EQU	704			0704		GEN			
140			)6M004	EQU	728			0728		GEN			
			*							GEN			
141				ORG	201				0201				
142			PHAS15	EQU	*&1			0201		GEN			
143			LCA	)9J004,)	6J004		7	0201	L 252 110	GEN	3	252	110
144			BCE	)6K004,)	6K004,1	Q: LOADING FROM CARDS?	8	0208	B 700 700 1	GEN	3	700	700

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
145				BCE	)6K004,)6L004&4,0		8	0216	B 700 708 0	GEN	3	700	708
146				RTW	1,LOADAD		8	0224	L %U1 849 R	GEN	3	%U1	849
147				BER	)6M004		5	0232	B 728 L	GEN	3	728	
148				CS	BEGN15,)9R004		7	0237	/ 857 256	GEN	4	857	256
149			)9J004	DCW	@VARBL TRI@		9	0252		GEN	4		
150				DC	#1		1	0253		GEN	4		
151				DC	@15@ PHASE NUMBER		2	0255		GEN	4		
152			)9R004	DCW	@}@		1	0256		GEN	4		
153				XFR	PHAS15				B 201		4	201	
154				*									
155				ORG	BEGN14 AFTER THE TABLE IN PHASE 14				0849				
156			LOADAD	EQU	*&1 LOAD ADDRESS			0849					
157	*	853	CODSIZ	DCW	#5 CODE SIZE, 84-86, IN DECIMAL		5	0853			5		
158	*	856	TOPCOD	DCW	#3 TOP OF CODE & 1		3	0856			5		
159	*	857	BEGN15	CC	L		2	0857	F L		5		
160		859		CS	332		4	0859	/ 332		5	332	
161		863		CS			1	0863	/		5		
162		864		MCW	MSG,237		7	0864	M |22 237		5	1022	237
163		871		W			1	0871	2		5		
164		872		CC	J		2	0872	F J		5		
165		874		MCW	KB1,FREBOT		7	0874	M |23 N99		5	1023	2599
166		881		MCW	X2,TOPCOD		7	0881	M 094 856		5	094	856
167				*									
168				*	CONVERT CODE SIZE (84-86) TO DECIMAL								
169				*									
170		888		S	W2H		4	0888	S |25		6	1025	
171		892		S	W2L		4	0892	S |27		6	1027	
172		896		MZ	86,W2H-1		7	0896	Y 086 |24		6	086	1024
173		903		MZ	84,W2L-1		7	0903	Y 084 |26		6	084	1026
174		910	L1	BWZ	L2,W2L-1,2		8	0910	V 929 |26 2		6	929	1026
175		918		A	KA0,W2L		7	0918	A |29 |27		6	1029	1027
176		925		B	L1		4	0925	B 910		7	910	
177		929	L2	BWZ	L2X,W2H-1,2		8	0929	V 948 |24 2		7	948	1024
178		937		A	KQ4,W2H		7	0937	A |31 |25		7	1031	1025
179		944		B	L2		4	0944	B 929		7	929	
180		948	L2X	A	W2L-1,W2H		7	0948	A |26 |25		7	1026	1025
181		955		MCW	86,CODSIZ		7	0955	M 086 853		7	086	853
182		962		MCW	W2H		4	0962	M |25		8	1025	
183		966		ZA	CODSIZ		4	0966	? 853		8	853	
184		970		MZ	*-4,CODSIZ		7	0970	Y 972 853		8	972	853
185				*									
186				*	DONE								
187				*									
188		977		BSS	SNAPSH,C		5	0977	B 333 C		8	333	
189	1	007		B	LOADNX		4	0982	B 700		8	700	
190				*									
191				*	DATA								
192				*									
193	1	047	MSG	DCW	@STORAGE ASSIGNMENT - SIMPLE VARIABLES@		37	1022			9		
194	1	048	KB1	DCW	#1		1	1023			9		

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
195	1	050	W2H	DCW	#2	2		1025			10		
196	1	052	W2L	DCW	#2	2		1027			10		
197	1	054	KA0	DCW	@A0@	2		1029			10		
198	1	056	KQ4	DCW	@?4@	2		1031			10		
199	1	067	GMWM	DCW	@}@	1		1032		GMARK	10		
200			XFR	BEGN15					B 857		10	857	
201			CLRME	CLRA	BEGN15,FREBOT					MACRO			
			*	CLRA	CLRBOT,CLRTOP[,ORG,GMWMAD]					GEN			
			*							GEN			
			*	CLEAR CORE	AFTER A PHASE USING THE CLRTOP ADDRESS					GEN			
			*							GEN			
202			ORG	201					0201				
			*							GEN			
			*	CLEAR DOWN	TO CLRBOT & X00 THE EASY WAY					GEN			
			*							GEN			
203			CLRME	EQU	*&1			0201					
204			)0J005	CS	FREBOT CLEAR FROM CLRTOP	4		0201	/ N99	GEN	11	2599	
205				SBR	)0J005&3	4		0205	H 204	GEN	11	204	
206				SBR	)0L005&6	4		0209	H 250	GEN	11	250	
207				C	)0J005&3,)0M005 DOWN TO CLRBOT & X00?	7		0213	C 204 261	GEN	11	204	261
208				BU	)0J005	5		0220	B 201 /	GEN	11	201	
			*							GEN			
			*	NOW CLEAR	DOWN TO CLRBOT THE HARD WAY					GEN			
			*							GEN			
209			)0K005	C	)0L005&6,)0N005	7		0225	C 250 264	GEN	11	250	264
210				BU	)0L005	5		0232	B 244 /	GEN	11	244	
211				CS	LOADNX,)0Q005 LOAD THE NEXT BLOCK AT 1	7		0237	/ 700 271	GEN	12	700	271
212			)0L005	LCA	)0P005,0-0 CLEAR WITH BLANK AND WORD MARK	7		0244	L 265 000	GEN	12	265	000
213				SBR	)0L005&6	4		0251	H 250	GEN	12	250	
214				B	)0K005	4		0255	B 225	GEN	12	225	
215			)0M005	DSA	)0R005 CLRBOT & X00 - 1	3		0261	899	GEN	12	899	
216			)0N005	DSA	BEGN15 CLRBOT	3		0264	857	GEN	12	857	
217			)0P005	DCW	#1	1		0265		GEN	12		
218				DC	@CLRA @ IDENTIFY IN A DECK, TAPE, OR DUMP	5		0270		GEN	12		
219			)0Q005	DCW	@}@	1		0271		GEN	12		
220				ORG	BEGN15&X00				0900				
221			)0R005	EQU	* CLRBOT & X00 - 1			0899		GEN			
222				XFR	CLRME				B 201		13	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	BEGN14	0849: 0	BEGN15	0857: 0	BNDRY	0848: 0	CDOVLY	0700: 0
CLRME	0201: 0	CODSIZ	0853: 0	DIFF	0845: 0	FREBOT	2599: 0	GMWM	1032: 0	KA0	1029: 0
KB1	1023: 0	KQ4	1031: 0	L1	0910: 0	L2	0929: 0	L2X	0948: 0	LOADAD	0849: 0
LOADNX	0700: 0	MSG	1022: 0	PHAS15	0201: 0	PHASLD	0381: 0	SNAPEX	0564: 0	SNAPSH	0333: 0
TOPCD9	0840: 0	TOPCOD	0856: 0	TPERR	0728: 0	TPREAD	0704: 0	W2H	1025: 0	W2L	1027: 0
X2	0094: 0										

UNREFERENCED SYMBOLS

BNDRY CDOVLY DIFF GMWM PHASLD SNAPEX TOPCD9 TPERR TPREAD