

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
101			JOB		FORTRAN COMPILER -- GEAX PHASE 2 -- PHASE 62								
102			CTL		6611								
103			*										
104			*		THE ARITHMETIC ROUTINE IS LOADED. COMMUNICATION IS								
105			*		ESTABLISHED BETWEEN THAT ROUTINE AND THE GENERATED CODING.								
106			*		THE INDEX REGISTERS ARE INITIALIZED (BUT THEY'RE NOT).								
107			*										
108			X1	EQU	89			0089					
109			*										
110			*		ADDRESSES IN THE RESIDENT AREA								
111			*										
112			NSTMTS	EQU	183 NUMBER OF STATEMENTS, INCLUDING GENERATED STOP			0183					
113			*		BEGINNING OF CODE BY NOW								
114			GLOBER	EQU	184 GLOBAL ERROR FLAG -- WM MEANS ERROR			0184					
115			RELTAB	EQU	188 RELOCATABLE FUNCTION TABLE ENTRY ADDRESSES			0188					
116			SUBENT	EQU	191 ENTRY TO SUBSCRIPT ROUTINE			0191					
117			IMOD	EQU	690 INTEGER MODULUS -- NUMBER OF DIGITS			0690					
118			MANTIS	EQU	692 FLOATING POINT MANTISSA DIGITS & 2			0692					
119			DORWD	EQU	695 U TO REWIND THE TAPE IN PHASE 62, ELSE N			0695					
120			*										
121			EXT00		SNAPSH, LOADNX, CDOVLY							MACRO	
122			SNAPSH	EQU	333			0333				GEN	
123			PHASLD	EQU	381			0381				GEN	
124			SNAPEX	EQU	564			0564				GEN	
125			LOADNX	EQU	700 CARD OVERLAY UNLESS NOP			0700				GEN	
126			CDOVLY	EQU	700 1 IF LOADING FROM CARDS, N IF FROM TAPE			0700				GEN	
127			TPREAD	EQU	704 LOAD OVERLAY FROM TAPE			0704				GEN	
128			TPERR	EQU	728			0728				GEN	
129			*										
130			*		ADDRESSES IN ARITF								
131			*										
132			EXT63		STUFF IN PHASE 63, THE ARITHMETIC PACKAGE							MACRO	
133			ARITF	EQU	700			0700				GEN	
134			SETFP	EQU	831 LOADER PLUGS MANTISSA WIDTH INTO B			0831				GEN	
135			DOSUB	EQU	1206 LOADER PLUGS SUBSCRIPT ROUTINE ADDRESS HERE			1206				GEN	
136			QFUNCT	EQU	1327 GO TO FUNCTION SELECTOR			1327				GEN	
137			ARITI	EQU	1530 LOADER PUTS INTEGER SIZE IN B			1530				GEN	
138			AGMWM	EQU	1696			1696				GEN	
139			*										
140			ORG		201				0201				
141	201		BEGN62	MCW	DORWD, LDRET	7	0201	M 695 237			1	695	237
142	208		BCE		CDOVLY, CDOVLY, 1 LOAD PHASE 63 FROM CARDS	8	0208	B 700 700 1			1	700	700
143	216		BCE		CDOVLY, TPREAD&4, 0 LOAD PHASE 63 FROM AUTOCODER TAPE	8	0216	B 700 708 0			1	700	708
144	224		RETRY	RTW	1, 700 LOAD PHASE 63 FROM TAPE	8	0224	L %U1 700 R			1	%U1	700
145	232		BER		TAPERR	5	0232	B 299 L			1	299	
146			*										
147			*		RETURN HERE AFTER LOADING PHASE 63								
148			*										
149	*	237	LDRET	RWD	1	5	0237	U %U1 R			2	%U1	
150		242		MCW	SUBENT, DOSUB&3 SUBSCRIPT ROUTINE ENTRY	7	0242	M 191 S09			2	191	1209

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
151	249			CW	AGMWM			4 0249) W96		2	1696	
152	253			MCW	RELTAB,QFUNCT&3			7 0253	M 188 T30		2	188	1330
153	260			MCW	IMOD,ARITI&6			7 0260	M 690 V36		2	690	1536
154	267			MCW	MANTIS,SETFP&6			7 0267	M 692 837		2	692	837
155	274			CC	1			2 0274	F 1		2		
156	276			BW	HALT,GLOBER			8 0276	V 295 184 1		3	295	184
157	284			MCW	NSTMTS,X1			7 0284	M 183 089		3	183	089
158	291			H	0&X1			4 0291	. 0 0		3	000+1	
159	295	HALT		H	HALT			4 0295	. 295		3	295	
160	299	TAPERR		BSP	1			5 0299	U %U1 B		3	%U1	
161	304			H	3333,3333			7 0304	. C33 C33		3	3333	3333
162	311			B	RETRY			4 0311	B 224		3	224	
163	327			DC	@ GEAX TWO 62@			13 0327			4		
164	328			DCW	@}@			1 0328		GMARK	4		
165				XFR	BEGN62				B 201		5	201	

SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS
AGMWM	1696: 0	ARITF	0700: 0	ARITI	1530: 0	BEGN62	0201: 0	CDOVLY	0700: 0	DORWD	0695: 0
DOSUB	1206: 0	GLOBER	0184: 0	HALT	0295: 0	IMOD	0690: 0	LDRET	0237: 0	LOADNX	0700: 0
MANTIS	0692: 0	NSTMTS	0183: 0	PHASLD	0381: 0	QFUNCT	1327: 0	RELTAB	0188: 0	RETRY	0224: 0
SETFP	0831: 0	SNAPEX	0564: 0	SNAPSH	0333: 0	SUBENT	0191: 0	TAPERR	0299: 0	TPERR	0728: 0
TPREAD	0704: 0	X1	0089: 0								

UNREFERENCED SYMBOLS

ARITF LOADNX PHASLD SNAPEX SNAPSH TPERR