

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			*										
120			EXT00		SNAPSH, LOADNX, CDOVLY							MACRO	
121			SNAPSH	EQU	333			0333				GEN	
122			PHASLD	EQU	381			0381				GEN	
123			SNAPEX	EQU	564			0564				GEN	
124			LOADNX	EQU	700	CARD OVERLAY UNLESS NOP		0700				GEN	
125			CDOVLY	EQU	700	1 IF LOADING FROM CARDS, N IF FROM TAPE		0700				GEN	
126			TPREAD	EQU	704	LOAD OVERLAY FROM TAPE		0704				GEN	
127			TPERR	EQU	728			0728				GEN	
128			*										
129			*		ADDRESSES IN ARITF								
130			*										
131			EXT63		STUFF IN PHASE 63, THE ARITHMETIC PACKAGE							MACRO	
132			ARITF	EQU	700			0700				GEN	
133			SETFP	EQU	831	LOADER PLUGS MANTISSA WIDTH INTO B		0831				GEN	
134			DOSUB	EQU	1206	LOADER PLUGS SUBSCRIPT ROUTINE ADDRESS HERE		1206				GEN	
135			QFUNCT	EQU	1327	GO TO FUNCTION SELECTOR		1327				GEN	
136			ARITI	EQU	1530	LOADER PUTS INTEGER SIZE IN B		1530				GEN	
137			AGMWM	EQU	1696			1696				GEN	
138			*										
139			ORG		201				0201				
140	201		BEGN62	BCE	CDOVLY,CDOVLY,1	LOAD PHASE 63 FROM CARDS	8	0201	B 700 700 1		1	700	700
141	209			BCE	CDOVLY,TPREAD&4,0	LOAD PHASE 63 FROM AUTOCODER TAPE	8	0209	B 700 708 0		1	700	708
142	217		RETRY	RTW	1,700	LOAD PHASE 63 FROM TAPE	8	0217	L %U1 700 R		1	%U1	700
143	225			BER	TAPERR		5	0225	B 292 L		1	292	
144	230			RWD	1		5	0230	U %U1 R		1	%U1	
145			*										
146			*		RETURN HERE AFTER LOADING PHASE 63								
147			*										
148	*	235	LDRET	MCW	SUBENT,DOSUB&3	SUBSCRIPT ROUTINE ENTRY	7	0235	M 191 S09		2	191	1209
149		242		CW	AGMWM	GMWM AT END OF ARITF	4	0242) W96		2	1696	
150		246		MCW	RELTAB,QFUNCT&3	RELOCATABLE FUNCTION TABLE	7	0246	M 188 T30		2	188	1330

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
151	253			MCW	IMOD,ARITI&6			7 0253	M 690 V36		2	690	1536
152	260			MCW	MANTIS,SETP&6			7 0260	M 692 837		2	692	837
153	267			CC	1			2 0267	F 1		2		
154	269			BW	HALT,GLOBER			8 0269	V 288 184 1		3	288	184
155	277			MCW	NSTMTS,X1			7 0277	M 183 089		3	183	089
156	284			H	0&X1			4 0284	. 0 0		3	000+1	
157	288	HALT		H	HALT			4 0288	. 288		3	288	
158	292	TAPERR		BSP	1			5 0292	U %U1 B		3	%U1	
159	297			H	3333,3333			7 0297	. C33 C33		3	3333	3333
160	304			B	RETRY			4 0304	B 217		3	217	
161	308			DCW	0			1 0308			4		
162	310			DC	@ GEAX TWO 62@			13 0321			4		
163	311			DCW	@}@			1 0322		GMARK	4		
164				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	DOSUB	1206: 0
GLOBER	0184: 0	HALT	0288: 0	IMOD	0690: 0	LDRET	0235: 0	LOADNX	0700: 0	MANTIS	0692: 0
NSTMTS	0183: 0	PHASLD	0381: 0	QFUNCT	1327: 0	RELTAB	0188: 0	RETRY	0217: 0	SETFP	0831: 0
SNAPEX	0564: 0	SNAPSH	0333: 0	SUBENT	0191: 0	TAPERR	0292: 0	TPERR	0728: 0	TPREAD	0704: 0
X1	0089: 0										

UNREFERENCED SYMBOLS

ARITF LDRET LOADNX PHASLD SNAPEX SNAPSH TPERR