

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
101			JOB		FORTRAN COMPILER -- SCANNER -- PHASE 03								
102			CTL		6611								
103			*										
104			*		EXTERNALLY REFERENCED SYMBOLS ARE MARKED WITH ASTERISK IN COLUMN 1.								
105			*										
106			*		SCANNER PHASE: INSERT STATEMENT NUMBERS (NOT LABELS)								
107			*		CLASSIFY STATEMENTS (FORMAT STATEMENTS ALREADY CLASSIFIED)								
108			*										
109			X1	EQU	89				0089				
110			X2	EQU	94				0094				
111			X3	EQU	99				0099				
112			*										
113			*		STUFF IN THE RESIDENT AREA								
114			*										
115			TOPCOR	EQU	688 TOP CORE ADDRESS FROM PARAM CARD				0688				
116			IMOD	EQU	690 INTEGER MODULUS -- NUMBER OF DIGITS				0690				
117			MANTIS	EQU	692 FLOATING POINT MANTISSA DIGITS				0692				
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			089	DCW	000		3	0089				1	
129			091	DC	00		2	0091				1	
130			*										
131			PHAS3	LDPH	SCANNER,BEGIN3,BEGIN3,,,3								MACRO
			*	PHAZ	LDPH [PHASID],LOADAD,ENTAD[,SKIPFG,SKIP],[NUMBER][,HALT]								GEN
			*	XFR	PHASZ PROHIBITED IN A MACRO								GEN
			*										GEN
			*	LOAD	A BLOCK								GEN
			*										GEN
132			)6J002	EQU	110 PHASE ID				0110				GEN
133			)6K002	EQU	700 LOAD NEXT PHASE				0700				GEN
134			)6L002	EQU	704 TAPE READ INSTRUCTION				0704				GEN
135			)6M002	EQU	728 TAPE ERROR HANDLER				0728				GEN
			*										GEN
136				ORG	201				0201				
137			PHAS3	BSS	)8J002,G		5	0201	B 257 G	GEN	2	257	
138				NOF	TO PATCH IN TRAPS FOR DEBUGGING		1	0206	N	GEN	2		
139			)0J002	EQU	*&1				0207				GEN
140				LCA	)9J002,)6J002		7	0207	L 279 110	GEN	2	279	110
141				BCE	)1J002,)6K002,1 Q: LOADING FROM CARDS?		8	0214	B 250 700 1	GEN	2	250	700
142				BCE	)1J002,)6L002&4,0 Q: LOADING FROM AUTOCODER TAPE?		8	0222	B 250 708 0	GEN	2	250	708
143				RTW	1,BEGIN3 READ THE BLOCK		8	0230	L %U1 838 R	GEN	2	%U1	838
144				BER	)6M002 Q: TAPE ERROR?		5	0238	B 728 L	GEN	3	728	

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
145				CS	BEGIN3,)9R002			7 0243	/ 838 282	GEN	3	838	282
146			)1J002	CS	)6K002,)9R002			7 0250	/ 700 282	GEN	3	700	282
147			)8J002	SW	)9R002			4 0257	, 282	GEN	3	282	
148				MU	%T0,)8K002,W			8 0261	M %T0 273 W	GEN	3	%T0	273
149				H	)0J002			4 0269	. 207	GEN	3	207	
150			)8K002	EQU	*&1				0273	GEN			
151			)9J002	DCW	@SCANNER@			7 0279		GEN	4		
152				DCW	#1			1 0280		GEN	4		
153				DC	@3@			1 0281		GEN	4		
154			)9R002	DCW	@}@			1 0282		GEN	4		
155				XFR	PHAS3				B 201		4	201	
156			*										
157				ORG	838 MOKOTOFF V3M0.LST LINE 193				0838				
158			*										
159			*		START HERE.								
160			*		CHECK MODULUS AND MANTISSA								
161			*										
162	*	838	BEGIN3	MCW	TOPCOR,CORCHK&6			7 0838	M 688 985		5	688	985
163		845		SW	IMOD-1,MANTIS-1			7 0845	, 689 691		5	689	691
164		852		BCE	IDEF,IMOD, INTEGER MODULUS BLANK ON PARAMETER CARD?			8 0852	B 864 690		5	864	690
165		860		B	ISPEC NO, USE SPECIFIED MODULUS			4 0860	B 871		5	871	
166		864	IDEF	MCW	INTDEF,IMOD YES, USE DEFAULT MODULUS			7 0864	M 842 690		5	2442	690
167		871	ISPEC	BCE	FDEF,MANTIS, FLOATING POINT MANTISSA BLANK?			8 0871	B 883 692		6	883	692
168		879		B	FSPEC NO, USE SPECIFIED MANTISSA			4 0879	B 890		6	890	
169		883	FDEF	MCW	FLTDEF,MANTIS YES, USE DEFAULT MANTISSA			7 0883	M 844 692		6	2444	692
170		890	FSPEC	C	IMOD,INTMIN COMPARE MODULUS TO MINIMUM			7 0890	C 690 M46		6	690	2446
171		897		BH	BADMOD			5 0897	B U69 U		6	1469	
172		902		C	IMOD,DIGMAX CHECK INTEGER MODULUS			7 0902	C 690 M48		6	690	2448
173		909		BL	BADMOD			5 0909	B U69 T		7	1469	
174		914	MANCHK	C	MANTIS,DIGMAX CHECK FLOATING POINT MANTISSA			7 0914	C 692 M48		7	692	2448
175		921		BL	BADMAN			5 0921	B U95 T		7	1495	
176		926		C	MANTIS,FLTMIN			7 0926	C 692 M50		7	692	2450
177		933		BH	BADMAN			5 0933	B U95 U		7	1495	
178			*										
179			*		REPORT MODULUS AND MANTISSA								
180			*										
181		938	BADRET	CS	332			4 0938	/ 332		7	332	
182		942		CS				1 0942	/		7		
183		943		MCW	MODMSG,210			7 0943	M M60 210		8	2460	210
184		950		MCS	IMOD,213			7 0950	Z 690 213		8	690	213
185		957		W				1 0957	2		8		
186		958		CS	299			4 0958	/ 299		8	299	
187		962		MCW	MANMSG,211			7 0962	M M71 211		8	2471	211
188		969		MCS	MANTIS,214			7 0969	Z 692 214		8	692	214
189		976		W				1 0976	2		8		
190		977		CC	J			2 0977	F J		9		
191			*										
192		979	CORCHK	BCE	CORCHK,0-0,0 TOPCOR STORED INTO B			8 0979	B 979 000 0		9	979	000
193		987		B				1 0987	B		9		
194		988		SBR	MVBACK&6 STORES TOPCOR-2			4 0988	H T24		9	1324	

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
195		992		SBR	MVSTMT&3	4		0992	H 999		9	999	
196		996	MVSTMT	LCA	0-0, STMTSV COPY STATEMENT TO WORK AREA	7		0996	L 000 L97		9	000	2397
197	1	003		SAR	MVSTMT&3 READY FOR NEXT STATEMENT	4		1003	Q 999		9	999	
198	1	007		MCW	STMTNO, STMTSV INSERT STATEMENT NUMBER INTO STMT	7		1007	M M00 L97		10	2400	2397
199	1	014		A	K1, STMTNO AND BUMP IT	7		1014	A M01 M00		10	2401	2400
200	1	021		BCE	CLASS2, STMTYP, F FORMAT STMT IS ALREADY CLASSIFIED	8		1021	B T14 L94 F		10	1314	2394
201				*									
202				*	SKIP OVER THE LABEL IF ANY								
203				*									
204	1	029		SBR	CHKLBL&6, STMTST	7		1029	H |49 L93		10	1049	2393
205	1	036		SBR	STMTPT, STMTST-1 INITIALIZE STATEMENT POINTER	7		1036	H M04 L92		10	2404	2392
206	1	043	CHKLBL	BCE	STSTMT, STMTST, : FOUND THE START OF THE STATEMENT?	8		1043	B |75 L93 :		11	1075	2393
207	1	051		SBR	CHKLBL&6	4		1051	H |49		11	1049	
208	1	055		SBR	CHKLB2&6	4		1055	H |65		11	1065	
209	1	059	CHKLB2	BCE	CHKLB2, 0, DECREASE B REGISTER	8		1059	B |59 000		11	1059	000
210	1	067		SBR	STMTPT SET STATEMENT POINTER	4		1067	H M04		11	2404	
211	1	071		B	CHKLBL	4		1071	B |43		11	1043	
212				*									
213				*	START PROCESSING THE STATEMENT PROPER.								
214				*	CHECK FOR ASSIGNMENT STATEMENT.								
215				*									
216	1	075	STSTMT	MCW	STMTPT, ENDCHK&6	7		1075	M M04 |95		11	2404	1095
217	1	082		MCW	STMTPT, EQTEST&6	7		1082	M M04 /08		12	2404	1108
218	1	089	ENDCHK	BCE	CKWORD, 0, } END OF STATEMENT?	8		1089	B /73 000 } GMARK		12	1173	000
219	1	097		B		1		1097	B		12		
220	1	098		SBR	ENDCHK&6	4		1098	H |95		12	1095	
221	1	102	EQTEST	BCE	EQ, 0-0, #	8		1102	B /19 000 #		12	1119	000
222	1	110		B		1		1110	B		12		
223	1	111		SBR	EQTEST&6	4		1111	H /08		12	1108	
224	1	115		B	ENDCHK	4		1115	B |89		13	1089	
225				*									
226				*	ASSIGNMENT STATEMENT.								
227				*									
228	1	119	EQ	SW	ENDCHK&4	4		1119	, |93		13	1093	
229	1	123		MCW	ENDCHK&6, SVCHAR&3	7		1123	M |95 /37		13	1095	1137
230	1	130		CW	ENDCHK&4	4		1130	) |93		13	1093	
231	1	134	SVCHAR	MCW	0-0, CHAR	7		1134	M 000 M05		13	000	2405
232	1	141		SAR	SVCHAR&3	4		1141	Q /37		13	1137	
233	1	145		BCE	LPAREN, CHAR, %	8		1145	B T49 M05 %		13	1349	2405
234	1	153		BCE	LPAREN, CHAR, }	8		1153	B T49 M05 } GMARK		14	1349	2405
235	1	161		BCE	CKWORD, CHAR, ,	8		1161	B /73 M05 ,		14	1173	2405
236	1	169		B	SVCHAR	4		1169	B /34		14	1134	
237				*									
238				*	CHECK KEYWORD								
239				*									
240	1	173	CKWORD	MCW	STMTPT, *&4	7		1173	M M04 /83		14	2404	1183
241	1	180		MCW	0-0, WORD	7		1180	M 000 M15		14	000	2415
242	1	187		SW	WORD	4		1187	, M15		14	2415	
243	1	191		SW		1		1191	,		14		
244	1	192		MCW	WORD, *&8	7		1192	M M15 S06		15	2415	1206

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295					* LEFT PARENTHESIS OR GROUP MARK								
296					*								
297	1	349	LPAREN	MCW	EQTEST&6,X1	7		1349	M /08 089		20	1108	089
298	1	356		BCE	RPAREN,1&X1,)	8		1356	B T69 0|1)		20	1369	001+1
299	1	364		B		1		1364	B		20		
300	1	365		B	CLASS2	4		1365	B T14		20	1314	
301	1	369	RPAREN	BCE	LPAR2,2&X1,%	8		1369	B T85 0|2 %		20	1385	002+1
302	1	377		SBR	X1	4		1377	H 089		20	089	
303	1	381		B	RPAREN	4		1381	B T69		20	1369	
304	1	385	LPAR2	BCE	F,3&X1,F	8		1385	B T97 0|3 F		21	1397	003+1
305	1	393		B	CLASS2	4		1393	B T14		21	1314	
306	1	397	F	BCE	CLASS2,6&X1,:	8		1397	B T14 0|6 :		21	1314	006+1
307	1	405			CHAIN 2					MACRO			
308				BCE		1		1405	B	GEN	21		
309				BCE		1		1406	B	GEN	21		
310	1	407		MCW	TARITH,STMTYP	7		1407	M M82 L94		21	2482	2394
311	1	414		SW	195	4		1414	, 195		21	195	
312	1	418		B	CLASS2	4		1418	B T14		22	1314	
313					*								
314					* FIRST LETTER IS NOT BFCS AND SECOND LETTER IS NOT QINUA								
315					*								
316	1	422	OTHER	CW	WORD	4		1422	) M15		22	2415	
317	1	426		CW		1		1426	)		22		
318	1	427		C	WORD,KFI IF (SENSE...?	7		1427	C M15 M32		22	2415	2432
319	1	434		BU	NOTIF	5		1434	B V21 /		22	1521	
320	1	439		BCE	SLITE,WORD-8,L	8		1439	B U58 M07 L		22	1458	2407
321	1	447		MCW	TSSW,STMTYP SENSE SWITCH	7		1447	M M40 L94		22	2440	2394
322	1	454		B	CLASS2	4		1454	B T14		23	1314	
323					*								
324					* NINTH CHARACTER IS L -- ASSUME IF (SENSE LIGHT ...)								
325					*								
326	1	458	SLITE	MCW	TSLITE,STMTYP	7		1458	M M83 L94		23	2483	2394
327	1	465		B	CLASS2	4		1465	B T14		23	1314	
328					*								
329					* BAD MODULUS MESSAGE								
330					*								
331	1	469	BADMOD	CS	332	4		1469	/ 332		23	332	
332	1	473		CS		1		1473	/		23		
333	1	474		MCW	MSG42,218	7		1474	M N01 218		23	2501	218
334	1	481		W		1		1481	2		23		
335	1	482		CC	J	2		1482	F J		24		
336	1	484		MCW	INTDEF,IMOD	7		1484	M M42 690		24	2442	690
337	1	491		B	MANCHK	4		1491	B 914		24	914	
338					*								
339					* BAD MANTISSA MESSAGE								
340					*								
341	1	495	BADMAN	CS	332	4		1495	/ 332		24	332	
342	1	499		CS		1		1499	/		24		
343	1	500		MCW	MSG43,219	7		1500	M N20 219		24	2520	219
344	1	507		W		1		1507	2		24		

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
345	1	508		CC	J	2		1508	F J		25		
346	1	510		MCW	FLTDEF,MANTIS	7		1510	M M44 692		25	2444	692
347	1	517		B	BADRET	4		1517	B 938		25	938	
348				*									
349				*	NOT AN IF STATEMENT, CHECK FOR OTHERS								
350				*									
351	1	521	NOTIF	BCE	DO,WORD,D	8		1521	B V95 M15 D		25	1595	2415
352	1	529		BCE	LPAR3,WORD-2,%	8		1529	B W06 M13 %		25	1606	2413
353	1	537		BCE	LPAR5,WORD-4,%	8		1537	B W17 M11 %		25	1617	2411
354	1	545		BCE	GOTO,WORD,G	8		1545	B W28 M15 G		26	1628	2415
355	1	553		BCE	PRINT,WORD,P	8		1553	B W39 M15 P		26	1639	2415
356	1	561		BWZ	READ,WORD-4,2	8		1561	V W50 M11 2		26	1650	2411
357	1	569		BCE	RWD,WORD-5,D	8		1569	B W61 M10 D		26	1661	2410
358	1	577		MCW	K1,STMTYP	7		1577	M M01 L94		26	2401	2394
359	1	584		MN	WORD-5,STMTYP USE NUMERIC OF SIXTH CHAR	7		1584	D M10 L94		27	2410	2394
360	1	591		B	NOTIF2 PATCH IN V3M4	4		1591	B N26		27	2526	
361				*									
362				*	FIRST LETTER IS D(O)								
363				*									
364	1	595	DO	MCW	TDO,STMTYP	7		1595	M M39 L94		27	2439	2394
365	1	602		B	CLASS2	4		1602	B T14		27	1314	
366				*									
367				*	THIRD CHARACTER IS LEFT PARENTHESIS								
368				*									
369	1	606	LPAR3	MCW	TIF,STMTYP	7		1606	M M38 L94		27	2438	2394
370	1	613		B	CLASS2	4		1613	B T14		27	1314	
371				*									
372				*	FIFTH CHARACTER IS LEFT PARENTHESIS -- ASSUME COMPUTED GOTO								
373				*									
374	1	617	LPAR5	MCW	TCGO,STMTYP	7		1617	M M37 L94		28	2437	2394
375	1	624		B	CLASS2	4		1624	B T14		28	1314	
376				*									
377				*	FIRST CHARACTER IS G								
378				*									
379	1	628	GOTO	MCW	TGO,STMTYP	7		1628	M M36 L94		28	2436	2394
380	1	635		B	CLASS2	4		1635	B T14		28	1314	
381				*									
382				*	FIRST CHARACTER IS P								
383				*									
384	1	639	PRINT	MCW	TPRINT,STMTYP	7		1639	M M35 L94		28	2435	2394
385	1	646		B	CLASS2	4		1646	B T14		28	1314	
386				*									
387				*	FIFTH CHARACTER IS NUMERIC -- ASSUME IT'S READ								
388				*									
389	1	650	READ	MCW	TREAD,STMTYP	7		1650	M M34 L94		29	2434	2394
390	1	657		B	CLASS2	4		1657	B T14		29	1314	
391				*									
392				*	SIXTH CHARACTER IS D -- ASSUME REWIND								
393				*									
394	1	661	RWD	MCW	TREW,STMTYP	7		1661	M M33 L94		29	2433	2394

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
395	1	668		B	CLASS2								
			*										
396			* ALL DONE										
397			*										
398													
399	1	672	DONE	EQU	LOADNX			0700					
400				DCW	#1			1672			29		
401			*										
402			STMTST	EQU	2393 STATEMENT START			2393					
403			STMTYP	EQU	2394 STATEMENT TYPE -- F FOR FORMAT			2394					
404			STMTSV	EQU	2397			2397					
405			*										
406			* CONSTANTS AND WORK AREAS										
407			*										
408				ORG	2398 SEE MOKOTOFF V3M0.LST LINE 803				2398				
409	2	400	STMTNO	DCW	001		3	2400				30	
410	2	401	K1	DCW	1		1	2401				30	
411	2	404	STMTPT	DCW	#3 STATEMENT POINTER		3	2404				30	
412	2	405	CHAR	DCW	#1 CHARACTER BEING EXAMINED		1	2405				30	
413	2	415	WORD	DCW	#10		10	2415				30	
414	2	420	KQINUA	DC	@QINUA@ TEST SECOND CHARACTER OF STATEMENT		5	2420				30	
415	2	424	KBFCFS	DC	@BFCS@ TEST FIRST CHARACTER OF STATEMENT		4	2424				30	
416	2	430	KFI	DCW	@ESNES%FI@ IF (SENSE SPELLED BACKWARD		8	2432				30	
417	2	433	TREW	DC	@Z@ STATEMENT CODE FOR REWIND		1	2433				30	
418	2	434	TREAD	DC	@L@ STATEMENT CODE FOR READ		1	2434				30	
419	2	435	TPRINT	DC	@P@ STATEMENT CODE FOR PRINT		1	2435				30	
420	2	436	TGO	DC	@G@ STATEMENT CODE FOR GOTO		1	2436				30	
421	2	437	TCGO	DC	@T@ STATEMENT CODE FOR COMPUTED GOTO		1	2437				31	
422	2	438	TIF	DC	@E@ STATEMENT CODE FOR IF		1	2438				31	
423	2	439	TDO	DC	@D@ STATEMENT CODE FOR DO		1	2439				31	
424	2	440	TSSW	DC	@W@ STATEMENT CODE FOR IF (SENSE SWITCH ...		1	2440				31	
425	2	442	INTDEF	DCW	05 DEFAULT INTEGER MODULUS		2	2442				31	
426	2	444	FLTDEF	DCW	08 DEFAULT FLOATING POINT MANTISSA DIGITS		2	2444				31	
427	2	446	INTMIN	DCW	01 MINIMUM INTEGER MODULUS		2	2446				31	
428	2	448	DIGMAX	DCW	20 MAXIMUM INT MOD AND MAX FP MANTISSA		2	2448				31	
429	2	450	FLTMIN	DCW	02 MINIMUM FLOATING POINT MANTISSA DIGITS		2	2450				32	
430	2	460	MODMSG	DCW	@MODULUS IS@		10	2460				32	
431	2	471	MANMSG	DCW	@MANTISSA IS@		11	2471				32	
432	2	474	KNSE	DCW	@ESN@ NSE (PART OF SENSELIGHT) SPELT BACKWARD		3	2474				32	
433	2	475	TSENSE	DCW	@J@ STATEMENT CODE FOR SENSE LIGHT		1	2475				32	
434	2	480	KDFILE	DCW	@ELIFD@ DFILE (PART OF ENDFILE) SPELT BACKWARD		5	2480				32	
435	2	481	TSLASH	DCW	@/@ STATEMENT CODE FOR END		1	2481				32	
436	2	482	TARITH	DCW	@R@ STATEMENT CODE FOR ARITHMETIC		1	2482				33	
437	2	483	TSLITE	DCW	@K@ STATEMENT CODE FOR IF (SENSE LIGHT...		1	2483				33	
438	2	501	MSG42	DCW	@ERROR 42 - MODULUS@		18	2501				33	
439	2	520	MSG43	DCW	@ERROR 43 - MANTISSA@		19	2520				33	
440			*										
441			* PATCH IN V3M4										
442			*										
443			K9	DCW	9		1	2521				34	
444			TESTW6	DCW	6531		4	2525				34	

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
445			NOTIF2	MZ	WORD-5,*&8	7		2526	Y M10 N40		34	2410	2540
446				BCE	CLASS2,TESTW6,0	8		2533	B T14 N25 0		34	1314	2525
447				B	WRITE TAPE?	1		2541	B		34		
448				B	READ INPUT TAPE?	1		2542	B		34		
449				B	WRITE OUTPUT TAPE?	1		2543	B		34		
450				MN	K9,STMTYP	7		2544	D N21 L94		35	2521	2394
451				BIN	CLASS2,	5		2551	B T14		35	1314	
452				ORG	2600 SAME AS MOKOTOFF V3M0.LST LINE 835				2600				
453	2	600	GMWM	DCW	@}@	1		2600		GMARK	36		
454	*		TOP3	EQU	GMWM			2600					
455				XFR	BEGIN3				B 838		36	838	
456			*										
457			*		IT IS NECESSARY NOT TO CLEAR THE GMWM, WHICH IS USED TO MARK								
458			*		THE CODE STORAGE AREA.								
459			*										
460			CLRME	CLRA	BEGIN3,GMWM-1,C					MACRO			
			*	CLRA	CLRBOT,CLRTOP[,SS,HERE,GWMAD]					GEN			
			*							GEN			
			*		CLEAR CORE AFTER A PHASE USING THE CLRTOP ADDRESS					GEN			
			*							GEN			
461				ORG	201				0201				
			*							GEN			
			*		CLEAR DOWN TO CLRBOT & X00 THE EASY WAY					GEN			
			*							GEN			
462			CLRME	EQU	*&1			0201		GEN			
463				BSS	SNAPSH,C	5		0201	B 333 C	GEN	37	333	
464			)0J003	CS	GMWM-1 CLEAR FROM CLRTOP	4		0206	/ N99	GEN	37	2599	
465				SBR	)0J003&3	4		0210	H 209	GEN	37	209	
466				SBR	)0L003&6	4		0214	H 255	GEN	37	255	
467				C	)0J003&3,)0M003 DOWN TO CLRBOT & X00?	7		0218	C 209 266	GEN	37	209	266
468				BU	)0J003	5		0225	B 206 /	GEN	37	206	
			*							GEN			
			*		NOW CLEAR DOWN TO CLRBOT THE HARD WAY					GEN			
			*							GEN			
469			)0K003	C	)0L003&6,)0N003	7		0230	C 255 269	GEN	37	255	269
470				BU	)0L003	5		0237	B 249 /	GEN	38	249	
471				CS	LOADNX,)0Q003 LOAD THE NEXT BLOCK AT 1	7		0242	/ 700 276	GEN	38	700	276
472			)0L003	LCA	)0P003,0-0 CLEAR WITH BLANK AND WORD MARK	7		0249	L 270 000	GEN	38	270	000
473				SBR	)0L003&6	4		0256	H 255	GEN	38	255	
474				B	)0K003	4		0260	B 230	GEN	38	230	
475			)0M003	DSA	)0R003 CLRBOT & X00 - 1	3		0266	899	GEN	38	899	
476			)0N003	DSA	BEGIN3 CLRBOT	3		0269	838	GEN	38	838	
477			)0P003	DCW	#1	1		0270		GEN	39		
478				DC	@CLRA @ IDENTIFY IN A DECK, TAPE, OR DUMP	5		0275		GEN	39		
479			)0Q003	DCW	@}@	1		0276		GEN	39		
480				ORG	BEGIN3&X00				0900				
481			)0R003	EQU	* CLRBOT & X00 - 1			0899		GEN			
482				XFR	CLRME				B 201		39	201	

SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS
)0J002	0207: 0	)0J003	0206: 0	)0K003	0230: 0	)0L003	0249: 0	)0M003	0266: 0	)0N003	0269: 0
)0P003	0270: 0	)0Q003	0276: 0	)0R003	0899: 0	)1J002	0250: 0	)6J002	0110: 0	)6K002	0700: 0
)6L002	0704: 0	)6M002	0728: 0	)8J002	0257: 0	)8K002	0273: 0	)9J002	0279: 0	)9R002	0282: 0
BADMAN	1495: 0	BADMOD	1469: 0	BADRET	0938: 0	BEGIN3	0838: 0	BFCS1	1237: 0	CDOVLY	0700: 0
CHAR	2405: 0	CHKLB2	1059: 0	CHKLBL	1043: 0	CKBLNK	1337: 0	CKWORD	1173: 0	CLASS2	1314: 0
CLASSD	1309: 0	CLRME	0201: 0	CORCHK	0979: 0	DIGMAX	2448: 0	DO	1595: 0	DONE	0700: 0
ENDCHK	1089: 0	EQ	1119: 0	EQTEST	1102: 0	F	1397: 0	FDEF	0883: 0	FLTDEF	2444: 0
FLTMIN	2450: 0	FSPEC	0890: 0	GMWM	2600: 0	GOTO	1628: 0	IDEF	0864: 0	IMOD	0690: 0
INTDEF	2442: 0	INTMIN	2446: 0	ISPEC	0871: 0	K1	2401: 0	K9	2521: 0	KBFCS	2424: 0
KDFILE	2480: 0	KFI	2432: 0	KNSE	2474: 0	KQINUA	2420: 0	LOADNX	0700: 0	LPAR2	1385: 0
LPAR3	1606: 0	LPAR5	1617: 0	LPAREN	1349: 0	MANCHK	0914: 0	MANMSG	2471: 0	MANTIS	0692: 0
MODMSG	2460: 0	MSG42	2501: 0	MSG43	2520: 0	MVBACK	1318: 0	MVSTMT	0996: 0	N2	1290: 0
NOTIF	1521: 0	NOTIF2	2526: 0	OTHER	1422: 0	PHAS3	0201: 0	PHASLD	0381: 0	PRINT	1639: 0
QINUA2	1271: 0	READ	1650: 0	RPAREN	1369: 0	RWD	1661: 0	SENSE	1260: 0	SLITE	1458: 0
SNAPEX	0564: 0	SNAPSH	0333: 0	STMTNO	2400: 0	STMTPT	2404: 0	STMTST	2393: 0	STMTSV	2397: 0
STMTYP	2394: 0	STSTMT	1075: 0	SVCHAR	1134: 0	TARITH	2482: 0	TCGO	2437: 0	TDO	2439: 0
TESTW6	2525: 0	TGO	2436: 0	TIF	2438: 0	TOP3	2600: 0	TOPCOR	0688: 0	TPERR	0728: 0
TPREAD	0704: 0	TPRINT	2435: 0	TQINUA	1217: 0	TREAD	2434: 0	TREW	2433: 0	TSENSE	2475: 0
TSLASH	2481: 0	TSLITE	2483: 0	TSSW	2440: 0	WORD	2415: 0	X1	0089: 0	X2	0094: 0
X3	0099: 0										

UNREFERENCED SYMBOLS

CDOVLY PHASLD SNAPEX TOP3 TPERR TPREAD X2 X3