

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
101			JOB		FORTRAN COMPILER -- LIST PHASE TWO -- PHASE 26								
102			CTL		6611								
103			*										
104			*		THE OBJECT-TIME LIST STRINGS ARE DEVELOPED AND STORED								
105			*		IMMEDIATELY TO THE LEFT OF THE FORMAT STRINGS AT THE LOWER								
106			*		(HIGH ADDRESS) END OF STORAGE.								
107			*										
108			*		ON ENTRY, X1 IS THE TOP OF STATEMENTS IN LOW CORE, 81-83								
109			*		IS THREE 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			NEGAR2	EQU	142	LOOKS LIKE NEGARY -- SEE PHASE 20			0142				
118			ARYSIZ	EQU	160	TOTAL ARRAY SIZE & 2			0160				
119			NEGARY	EQU	163	16000 - ARYSIZ			0163				
120			GLOBER	EQU	184	GLOBAL ERROR FLAG -- WM MEANS ERROR			0184				
121			IMOD	EQU	690	INTEGER MODULUS -- NUMBER OF DIGITS			0690				
122			MANTIS	EQU	692	FLOATING POINT MANTISSA DIGITS			0692				
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	CARD OVERLAY UNLESS NOP			0700	GEN			
129			CDOVLY	EQU	700	1 IF LOADING FROM CARDS, N IF FROM TAPE			0700	GEN			
130			TPREAD	EQU	704	LOAD OVERLAY FROM TAPE			0704	GEN			
131			TPERR	EQU	728				0728	GEN			
132			*										
133			EXT25		STUFF IN PHASE 25 - LISTER PHASE 1					MACRO			
134			SEQCOD	EQU	841				0841	GEN			
135			SX1	EQU	844				0844	GEN			
136			BEGN25	EQU	845				0845	GEN			
137			*										
138			110	DCW	@LISTR TWO@		9	0110			1		
139			*										
140			PHAS26	LDPH	LISTR TWO,LOADAD,BEGN26,,,26					MACRO			
			*	PHAZ	LDPH [PHASID],LOADAD,ENTAD[,SKIPFG,SKIP],[NUMBER][,HALT]					GEN			
			*	XFR	PHASZ PROHIBITED IN A MACRO					GEN			
			*							GEN			
			*	LOAD	A BLOCK					GEN			
			*							GEN			
141			)6J003	EQU	110	PHASE ID			0110	GEN			
142			)6K003	EQU	700	LOAD NEXT PHASE			0700	GEN			
143			)6L003	EQU	704	TAPE READ INSTRUCTION			0704	GEN			
144			)6M003	EQU	728	TAPE ERROR HANDLER			0728	GEN			
			*							GEN			

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
145				ORG	201				0201				
146			PHAS26	EQU	*&1			0201		GEN			
147				LCA	)9J003,)6J003	7		0201	L 252 110	GEN	2	252	110
148				BCE	)6K003,)6K003,1	8		0208	B 700 700 1	GEN	2	700	700
149				BCE	)6K003,)6L003&4,0	8		0216	B 700 708 0	GEN	2	700	708
150				RTW	1,LOADAD	8		0224	L %U1 845 R	GEN	2	%U1	845
151				BER	)6M003	5		0232	B 728 L	GEN	2	728	
152				CS	BEGN26,)9R003	7		0237	/ 845 256	GEN	3	845	256
153			)9J003	DCW	@LISTR TWO@	9		0252		GEN	3		
154				DC	#1	1		0253		GEN	3		
155				DC	@26@ PHASE NUMBER	2		0255		GEN	3		
156			)9R003	DCW	@}@	1		0256		GEN	3		
157				XFR	PHAS26				B 201		3	201	
158			*										
159				ORG	BEGN25				0845				
160			LOADAD	EQU	*&1 LOAD ADDRESS			0845					
161	845		BEGN26	MCW	83,X2	7		0845	M 083 094		4	083	094
162	852		LOOP	BW	DONE,0&X1	8		0852	V Z88 0|0 1		4	1988	000+1
163	860			MCW	X2,SX2	7		0860	M 094 !39		4	094	2039
164	867			MCW	0&X1,SEQCOD	7		0867	M 0|0 841		4	000+1	841
165	874			MCW	X1,SAVSEQ&6	7		0874	M 089 Z69		4	089	1969
166	881			C	0&X1 GET X1	4		0881	C 0|0		5	000+1	
167	885			SAR	X1 DOWN TO BODY	4		0885	Q 089		5	089	
168	889			SBR	X3	4		0889	H 099		5	099	
169	893		GETGM	C	0&X3 GET X3 DOWN	4		0893	C 0?0		5	000+3	
170	897			SAR	X3 TO BELOW GMWM AT	4		0897	Q 099		5	099	
171	901			BCE	GOTGM,1&X3,} BOTTOM OF STATEMENT	8		0901	B 913 0?1 } GMARK		5	913	001+3
172	909			B	GETGM	4		0909	B 893		5	893	
173	913		GOTGM	SBR	SX3&6,0&X3	7		0913	H Z83 0?0		6	1983	000+3
174	920			C	0&X1	4		0920	C 0|0		6	000+1	
175	924			C		1		0924	C		6		
176	925			SAR	SX1B	4		0925	Q !42		6	2042	
177	929			BCE	GOTCOM,0&X1,,	8		0929	B 947 0|0 ,		6	947	000+1
178	937			CHAIN	6					MACRO			
179				BCE		1		0937	B	GEN	6		
180				BCE		1		0938	B	GEN	6		
181				BCE		1		0939	B	GEN	7		
182				BCE		1		0940	B	GEN	7		
183				BCE		1		0941	B	GEN	7		
184				BCE		1		0942	B	GEN	7		
185	943			B	FINLS2	4		0943	B Y22		7	1822	
186	947		GOTCOM	MCW	SX1B,X1	7		0947	M !42 089		7	2042	089
187	954			BCE	NOLINK,1&X1,} LIST NOT LINKED TO ANOTHER?	8		0954	B 989 0|1 } GMARK		7	989	001+1
188	962			MCW	3&X1,X3	7		0962	M 0|3 099		8	003+1	099
189	969			BW	LSTERR,1&X3	8		0969	V Z22 0?1 1		8	1922	001+3
190	977			LCA	1&X3,4&X1	7		0977	L 0?1 0|4		8	001+3	004+1
191	984			CW		1		0984	)		8		
192	985			B	SX3	4		0985	B Z77		8	1977	
193	989		NOLINK	BCE	ENDLS2,2&X3,,	8		0989	B X98 0?2 ,		8	1798	002+3
194	997			SBR	X3	4		0997	H 099		8	099	

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
245	1	272	RPAR	BCE	RPAR0,W1,?	8		1272	B W34 !44 ?		17	1634	2044
246	1	280	RPARB	MCW	X1,SX1C	7		1280	M 089 !66		17	089	2066
247	1	287		LCA	KDOT,0&X1	7		1287	L !43 0|0		17	2043	000+1
248	1	294		SBR	X1	4		1294	H 089		17	089	
249	1	298		A	KP1,W1	7		1298	A !67 !44		17	2067	2044
250	1	305		BCE	LSTERR,W1,D	8		1305	B Z22 !44 D		18	1922	2044
251	1	313		B	MOVADR INCREMENT OR UPPER BOUND	4		1313	B W52		18	1652	
252	1	317		C	0&X3,COMMA	7		1317	C 0?0 !45		18	000+3	2045
253	1	324		BU	LSTERR	5		1324	B Z22 /		18	1922	
254	1	329		B	MOVADR UPPER BOUND OR LOWER BOUND	4		1329	B W52		18	1652	
255	1	333		BCE	MOVADR,0&X3,, LOWER BOUND	8		1333	B W52 0?0 ,		18	1652	000+3
256	1	341		C	0&X3,KEQUAL	7		1341	C 0?0 !68		19	000+3	2068
257	1	348		BU	LSTERR	5		1348	B Z22 /		19	1922	
258	1	353		B	MOVADR SUBSCRIPT/LOOP INDUCTOR	4		1353	B W52		19	1652	
259	1	357		SBR	0&X1,1&X2	7		1357	H 0|0 0!1		19	000+1	001+2
260	1	364		CW	0&X1 DECREASE X1	4		1364	) 0|0		19	000+1	
261	1	368		CW		1		1368	)		19		
262	1	369		SW		1		1369	,		19		
263	1	370		SAR	X1	4		1370	Q 089		20	089	
264	1	374		MCW	X3,SX3B	7		1374	M 099 !71		20	099	2071
265	1	381		MN	0&X3	4		1381	D 0?0		20	000+3	
266	1	385		SAR	X3	4		1385	Q 099		20	099	
267	1	389	RLPAR	BCE	LPAR2,2&X3,%	8		1389	B U21 0?2 %		20	1421	002+3
268	1	397		BCE	RPAR2,2&X3,)	8		1397	B U40 0?2)		20	1440	002+3
269	1	405		BW	LSTERR,2&X3	8		1405	V Z22 0?2 1		21	1922	002+3
270	1	413		SBR	X3	4		1413	H 099		21	099	
271	1	417		B	RLPAR	4		1417	B T89		21	1389	
272	1	421	LPAR2	LCA	KRPAR,0&X2	7		1421	L !72 0!0		21	2072	000+2
273	1	428		SBR	X2	4		1428	H 094		21	094	
274	1	432		CW	1&X2	4		1432	) 0!1		21	001+2	
275	1	436		B	RPMORE	4		1436	B U56		21	1456	
276	1	440	RPAR2	LCA	EQBLNK,0&X2	7		1440	L !76 0!0		22	2076	000+2
277	1	447		SBR	X2	4		1447	H 094		22	094	
278	1	451		SW	2&X2	4		1451	, 0!2		22	002+2	
279	1	455		CW		1		1455	)		22		
280	1	456	RPMORE	MCW	SX3B,X3	7		1456	M !71 099		22	2071	099
281	1	463		B	TSTLST	4		1463	B S48		22	1248	
282				*									
283				*	LEFT PARENTHESIS -- TOP OF IMPLIED DO								
284				*									
285	1	467	LPAR	S	KP1,W1	7		1467	S !67 !44		22	2067	2044
286	1	474		BM	LSTERR,W1 UNBALANCED PARENTHESES	8		1474	V Z22 !44 K		23	1922	2044
287	1	482		MA	NEGARY,3&X1	7		1482	# 163 0|3		23	163	003+1
288	1	489		LCA	3&X1,0&X2	7		1489	L 0|3 0!0		23	003+1	000+2
289	1	496		LCA	6&X1	4		1496	L 0|6		23	006+1	
290	1	500		SBR	X2	4		1500	H 094		23	094	
291	1	504		BCE	DOT,13&X1,.	8		1504	B W19 0/3 .		23	1619	013+1
292	1	512		LCA	15&X1,0&X2	7		1512	L 0/5 0!0		24	015+1	000+2
293	1	519		SBR	X2	4		1519	H 094		24	094	
294	1	523	LPAR3	LCA	12&X1,0&X2	7		1523	L 0/2 0!0		24	012+1	000+2

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
295	1	530		LCA		1		1530	L		24		
296	1	531		LCA	KLPAR	4		1531	L !77		24	2077	
297	1	535		SBR	X2	4		1535	H 094		24	094	
298	1	539		CW	1&X2	4		1539	) 0!1		24	001+2	
299	1	543	SWITCH	NOP	LPAR5	4		1543	N W08		25	1608	
300	1	547		MCW	3&X1,X1	7		1547	M 0|3 089		25	003+1	089
301	1	554		MN	0&X1	4		1554	D 0|0		25	000+1	
302	1	558		SAR	X1	4		1558	Q 089		25	089	
303	1	562		MA	ARYSIZ,X1	7		1562	# 160 089		25	160	089
304	1	569		MA	NEGARY,X2	7		1569	# 163 094		25	163	094
305	1	576		SBR	0&X1,1&X2	7		1576	H 0|0 0!1		26	000+1	001+2
306	1	583		MA	ARYSIZ,X2	7		1583	# 160 094		26	160	094
307	1	590	LPAR4	SBR	X3,1&X3	7		1590	H 099 0?1		26	099	001+3
308	1	597		MCW	SX1C,X1	7		1597	M !66 089		26	2066	089
309	1	604		B	TESTLP	4		1604	B S40		26	1240	
310	1	608	LPAR5	MCW	NOP, SWITCH	7		1608	M !78 V43		26	2078	1543
311	1	615		B	LPAR4	4		1615	B V90		27	1590	
312	1	619	DOT	LCA	NEGAR2,0&X2	7		1619	L 142 0!0		27	142	000+2
313	1	626		SBR	X2	4		1626	H 094		27	094	
314	1	630		B	LPAR3	4		1630	B V23		27	1523	
315				*									
316				*	RIGHT PARENTHESIS AND W1 IS ZERO								
317				*									
318	1	634	RPAR0	SBR	X1,W48	7		1634	H 089 J26		27	089	2126
319	1	641		MCW	BRANCH, SWITCH	7		1641	M J27 V43		27	2127	1543
320	1	648		B	RPARB	4		1648	B S80		27	1280	
321				*									
322				*	MOVE ADDRESS AT 1&X3..3&X3 TO W3 AND -2&X1..0&X1,								
323				*	DECREMENT X3 BY 3.								
324				*									
325	1	652	MOVADR	SBR	MOVADX&3	4		1652	H W96		28	1696	
326	1	656		SBR	X3,1&X3	7		1656	H 099 0?1		28	099	001+3
327	1	663		B	ADRTST	4		1663	B Y42		28	1842	
328	1	667		LCA	W3,0&X1	7		1667	L J31 0|0		28	2131	000+1
329	1	674		SBR	X1	4		1674	H 089		28	089	
330	1	678		MZ	*-4,2&X1 CLOBBER TYPE TAG (WHY?)	7		1678	Y W80 0|2		28	1680	002+1
331	1	685		BW	LSTERR,0&X3	8		1685	V Z22 0?0 1		29	1922	000+3
332	1	693	MOVADX	B	0	4		1693	B 000		29	000	
333				*									
334				*	END OF I/O LIST								
335				*									
336	1	697	ENDLST	C	W1,KP0 PARENTHESES BALANCED	7		1697	C !44 J28		29	2044	2128
337	1	704		BU	LSTERR NO	5		1704	B Z22 /		29	1922	
338	1	709		CW	0&X3	4		1709	) 0?0		29	000+3	
339	1	713		CW		1		1713	)		29		
340	1	714		SW		1		1714	,		29		
341	1	715		SAR	X3	4		1715	Q 099		30	099	
342	1	719		SBR	3&X3,1&X2	7		1719	H 0?3 0!1		30	003+3	001+2
343	1	726		MA	NEGARY,3&X3	7		1726	# 163 0?3		30	163	003+3
344	1	733		B	SX3	4		1733	B Z77		30	1977	

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
345					*								
346					* DOLLAR SIGN -- BOTTOM OF SUBSCRIPT								
347					*								
348	1	737	SUBS	SW	0&X3	4		1737	, 0?0		30	000+3	
349	1	741		SAR	X3	4		1741	Q 099		30	099	
350	1	745		SBR	SX1E&3,1&X3	7		1745	H X93 0?1		30	1793	001+3
351	1	752	GETDOL	BCE	GOTDOL,2&X3,\$	8		1752	B X68 0?2 \$		31	1768	002+3
352	1	760		SBR	X3	4		1760	H 099		31	099	
353	1	764		B	GETDOL	4		1764	B X52		31	1752	
354	1	768	GOTDOL	LCA	2&X3,0&X2	7		1768	L 0?2 0!0		31	002+3	000+2
355	1	775		SBR	X2	4		1775	H 094		31	094	
356	1	779		CW	1&X2	4		1779	) 0!1		31	001+2	
357	1	783		SBR	X3,3&X3	7		1783	H 099 0?3		31	099	003+3
358	1	790	SX1E	CW	0	4		1790	) 000		32	000	
359	1	794		B	TESTLP	4		1794	B S40		32	1240	
360	1	798	ENDLS2	BW	FINLST,2&X3	8		1798	V Y17 0?2 1		32	1817	002+3
361	1	806		SBR	X3,2&X3	7		1806	H 099 0?2		32	099	002+3
362	1	813		B	MARK	4		1813	B |01		32	1001	
363	1	817	FINLST	SW	3&X3	4		1817	, 0?3		32	003+3	
364	1	821		CW		1		1821	)		32		
365	1	822	FINLS2	BCE	LSTERR,SEQCOD-3,1	8		1822	B Z22 838 1		33	1922	838
366	1	830		BCE	LSTERR,SEQCOD-3,3	8		1830	B Z22 838 3		33	1922	838
367	1	838		B	SAVSEQ	4		1838	B Z63		33	1963	
368					*								
369					* TEST WHETHER THREE CHARACTERS STARTING AT X3 ARE AN ADDRESS,								
370					* I.E., THAT THE NUMERIC PART IS A DIGIT. IF SO, MOVE IT TO								
371					* W3 AND BUMP X3 BY 3.								
372					*								
373	1	842	ADRTST	SBR	ADRTSX&3	4		1842	H Y96		33	1896	
374	1	846		MN	2&X3,DIGTST&11	7		1846	D 0?2 Z08		33	002+3	1908
375	1	853		B	DIGTST	4		1853	B Y97		33	1897	
376	1	857		MN	1&X3,DIGTST&11	7		1857	D 0?1 Z08		34	001+3	1908
377	1	864		B	DIGTST	4		1864	B Y97		34	1897	
378	1	868		MN	0&X3,DIGTST&11	7		1868	D 0?0 Z08		34	000+3	1908
379	1	875		B	DIGTST	4		1875	B Y97		34	1897	
380	1	879		MCW	2&X3,W3	7		1879	M 0?2 J31		34	002+3	2131
381	1	886		SBR	X3,3&X3	7		1886	H 099 0?3		34	099	003+3
382	1	893	ADRTSX	B	0-0	4		1893	B 000		35	000	
383	1	897	DIGTST	SBR	*&4	4		1897	H Z04		35	1904	
384	1	901		BCE	0-0,DIGITS,0	8		1901	B 000 J41 0		35	000	2141
385	1	909		CHAIN	9					MACRO			
386				BCE		1		1909	B	GEN	35		
387				BCE		1		1910	B	GEN	35		
388				BCE		1		1911	B	GEN	35		
389				BCE		1		1912	B	GEN	35		
390				BCE		1		1913	B	GEN	36		
391				BCE		1		1914	B	GEN	36		
392				BCE		1		1915	B	GEN	36		
393				BCE		1		1916	B	GEN	36		
394				BCE		1		1917	B	GEN	36		

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
395	1	918		B	LSTERR	4		1918	B Z22		36	1922	
396	1	922	LSTERR	CS	332	4		1922	/ 332		36	332	
397	1	926		CS		1		1926	/		37		
398	1	927		SW	GLOBER	4		1927	, 184		37	184	
399	1	931		MN	SEQCOD,234	7		1931	D 841 234		37	841	234
400	1	938		MN		1		1938	D		37		
401	1	939		MN		1		1939	D		37		
402	1	940		MCW	ERR47	4		1940	M J72		37	2172	
403	1	944		W		1		1944	2		37		
404	1	945		BCV	*&5	5		1945	B Z54 @		38	1954	
405	1	950		B	*&3	4		1950	B Z56		38	1956	
406	1	954		CC	1	2		1954	F 1		38		
407	1	956		MCW	SLASH,SEQCOD-3 CONVERT TO END STATEMENT	7		1956	M J73 838		38	2173	838
408	1	963	SAVSEQ	MCW	SEQCOD,0	7		1963	M 841 000		38	841	000
409	1	970		MCW	SX2,X2	7		1970	M !39 094		38	2039	094
410	1	977	SX3	SBR	X1,0	7		1977	H 089 000		38	089	000
411	1	984		B	LOOP	4		1984	B 852		39	852	
412	1	988	DONE	MCW	SX1,X1	7		1988	M 844 089		39	844	089
413	1	995		BSS	SNAPSH,C	5		1995	B 333 C		39	333	
414	2	014		B	LOADNX	4		2000	B 700		39	700	
415				*									
416				* DATA									
417				*									
418	2	019	ZONES	DCW	@ 9@	2		2005			39		
419	2	050		DCW	@9Z9R9I99ZZRZIZ9RZRRRIR9IZIRIII@	31		2036			40		
420	2	053	SX2	DCW	#3	3		2039			40		
421	2	056	SX1B	DCW	#3	3		2042			40		
422	2	057	KDOT	DCW	@.@	1		2043			40		
423	2	058	W1	DCW	#1	1		2044			40		
424	2	059	COMMA	DCW	@,@	1		2045			41		
425	2	060	KB1	DCW	#1	1		2046			41		
426	2	063	SX1D	DCW	#3	3		2049			41		
427	2	068	WIDTH	DCW	#5	5		2054			41		
428	2	073	KP16K	DCW	@1600?@	5		2059			41		
429	2	074	K0	DCW	0	1		2060			41		
430	2	077	MWIDTH	DCW	#3 WIDTH - 16000 IN MACHINE FORM	3		2063			41		
431	2	080	SX1C	DCW	#3	3		2066			42		
432	2	081	KP1	DCW	&1	1		2067			42		
433	2	082	KEQUAL	DCW	@#@	1		2068			42		
434	2	085	SX3B	DCW	#3	3		2071			42		
435	2	086	KRPAR	DCW	@)@	1		2072			42		
436	2	090	EQBLNK	DCW	@# @	4		2076			42		
437	2	091	KLPAR	DCW	@%@	1		2077			42		
438	2	092	NOP	NOP		1		2078	N		43		
439	2	140	W48	DCW	#48	48		2126			45		
440	2	141	BRANCH	B		1		2127	B		45		
441	2	142	KP0	DCW	&0	1		2128			45		
442	2	145	W3	DCW	#3	3		2131			45		
443	2	155	DIGITS	DCW	@0123456789@	10		2141			45		
444	2	186	ERR47	DCW	@ERROR 47 - BAD LIST, STATEMENT @	31		2172			46		

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
445	2	187	SLASH	DCW	@/@ CODE FOR END STATEMENT	1		2173			46		
446	2	197	GMWM	DCW	@}@	1		2174		GMARK	46		
447			XFR		BEGN26				B 845		46	845	
448			CLRME	CLRA	BEGN26, GMWM					MACRO			
			*	CLRA	CLRBOT, CLRTOP [, ORG, GMWMAD]					GEN			
			*							GEN			
			*	CLEAR CORE	AFTER A PHASE USING THE CLRTOP ADDRESS					GEN			
			*							GEN			
449			ORG		201				0201				
			*							GEN			
			*	CLEAR DOWN	TO CLRBOT & X00 THE EASY WAY					GEN			
			*							GEN			
450			CLRME	EQU	*&1			0201		GEN			
451			)0J004	CS	GMWM CLEAR FROM CLRTOP	4		0201	/ J74	GEN	47	2174	
452				SBR	)0J004&3	4		0205	H 204	GEN	47	204	
453				SBR	)0L004&6	4		0209	H 250	GEN	47	250	
454				C	)0J004&3,)0M004 DOWN TO CLRBOT & X00?	7		0213	C 204 261	GEN	47	204	261
455				BU	)0J004	5		0220	B 201 /	GEN	47	201	
			*							GEN			
			*	NOW CLEAR	DOWN TO CLRBOT THE HARD WAY					GEN			
			*							GEN			
456			)0K004	C	)0L004&6,)0N004	7		0225	C 250 264	GEN	47	250	264
457				BU	)0L004	5		0232	B 244 /	GEN	47	244	
458				CS	LOADNX,)0Q004 LOAD THE NEXT BLOCK AT 1	7		0237	/ 700 271	GEN	48	700	271
459			)0L004	LCA	)0P004, 0-0 CLEAR WITH BLANK AND WORD MARK	7		0244	L 265 000	GEN	48	265	000
460				SBR	)0L004&6	4		0251	H 250	GEN	48	250	
461				B	)0K004	4		0255	B 225	GEN	48	225	
462			)0M004	DSA	)0R004 CLRBOT & X00 - 1	3		0261	899	GEN	48	899	
463			)0N004	DSA	BEGN26 CLRBOT	3		0264	845	GEN	48	845	
464			)0P004	DCW	#1	1		0265		GEN	48		
465				DC	@CLRA @ IDENTIFY IN A DECK, TAPE, OR DUMP	5		0270		GEN	48		
466			)0Q004	DCW	@}@	1		0271		GEN	49		
467				ORG	BEGN26&X00				0900				
468			)0R004	EQU	* CLRBOT & X00 - 1			0899		GEN			
469				XFR	CLRME				B 201		49	201	

SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS
)0J004	0201: 0	)0K004	0225: 0	)0L004	0244: 0	)0M004	0261: 0	)0N004	0264: 0	)0P004	0265: 0
)0Q004	0271: 0	)0R004	0899: 0	)6J003	0110: 0	)6K003	0700: 0	)6L003	0704: 0	)6M003	0728: 0
)9J003	0252: 0	)9R003	0256: 0	ADRTST	1842: 0	ADRTSX	1893: 0	ARYSIZ	0160: 0	BEGN25	0845: 0
BEGN26	0845: 0	BRANCH	2127: 0	CDOVLY	0700: 0	CLRME	0201: 0	COMMA	2045: 0	DIGITS	2141: 0
DIGTST	1897: 0	DONE	1988: 0	DOT	1619: 0	ENDLS2	1798: 0	ENDLST	1697: 0	EQBLNK	2076: 0
ERR47	2172: 0	FINLS2	1822: 0	FINLST	1817: 0	GETDOL	1752: 0	GETGM	0893: 0	GLOBER	0184: 0
GMWM	2174: 0	GOTCM2	1260: 0	GOTCOM	0947: 0	GOTDOL	1768: 0	GOTGM	0913: 0	IMOD	0690: 0
INT	1137: 0	K0	2060: 0	KB1	2046: 0	KDOT	2043: 0	KEQUAL	2068: 0	KLPAR	2077: 0
KP0	2128: 0	KP1	2067: 0	KP16K	2059: 0	KRPAR	2072: 0	LOADAD	0845: 0	LOADNX	0700: 0
LOOP	0852: 0	LPAR	1467: 0	LPAR2	1421: 0	LPAR3	1523: 0	LPAR4	1590: 0	LPAR5	1608: 0
LSTERR	1922: 0	MANTIS	0692: 0	MARK	1001: 0	MOVADR	1652: 0	MOVADX	1693: 0	MWIDTH	2063: 0
NEGAR2	0142: 0	NEGARY	0163: 0	NOLINK	0989: 0	NOF	2078: 0	NXTLST	1020: 0	PHAS26	0201: 0
PHASLD	0381: 0	RLPAR	1389: 0	RPAR	1272: 0	RPAR0	1634: 0	RPAR2	1440: 0	RPARB	1280: 0
RPMORE	1456: 0	SAVSEQ	1963: 0	SEQCOD	0841: 0	SLASH	2173: 0	SNAPEX	0564: 0	SNAPSH	0333: 0
SUBS	1737: 0	SWITCH	1543: 0	SX1	0844: 0	SX1B	2042: 0	SX1C	2066: 0	SX1D	2049: 0
SX1E	1790: 0	SX2	2039: 0	SX3	1977: 0	SX3B	2071: 0	TESTLP	1240: 0	TPERR	0728: 0
TPREAD	0704: 0	TSTLST	1248: 0	W1	2044: 0	W3	2131: 0	W48	2126: 0	WIDTH	2054: 0
X1	0089: 0	X2	0094: 0	X3	0099: 0	ZONES	2005: 0				

UNREFERENCED SYMBOLS

CDOVLY PHASLD SNAPEX TPERR TPREAD