



SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
151			*		OF THE CORRESPONDING VARIABLE IN THE ARRAY TABLE.								
152			*										
153			*		EACH ELEMENT OF THE ARRAY TABLE HAS ONE OR TWO VARIABLE-WIDTH								
154			*		DIMENSION FIELDS (FIRST DIMENSION HIGHER IN CORE), WITH THE								
155			*		DIGITS OF THE DIMENSIONS NOT REVERSED, A FIVE DIGIT OFFSET								
156			*		FROM THE BASE OF THE EQUIVALENCE CLASS, A THREE-CHARACTER LINK								
157			*		TO THE BASE MEMBER OF THE EQUIVALENCE CLASS, A THREE-CHARACTER								
158			*		LINK TO THE NEXT ELEMENT, A THREE-CHARACTER LINK TO THE								
159			*		PREVIOUS ELEMENT, THE NAME (VARIABLE WIDTH), AND A GROUP MARK								
160			*		WITH A WORD MARK. THE GMWM OF THE TOPMOST ELEMENT IS AT								
161			*		TOPCOR-3, AND TOPCOR-2 .. TOPCOR ARE BLANK.								
162			*										
163			*		THE NEXT AND PREV POINTERS ARE REDIRECTED SO THAT ELEMENTS OF								
164			*		AN EQUIVALENCE CLASS ARE CONSECUTIVE, AND ASCENDING ORDER BY								
165			*		OFFSET.								
166			*										
167			*		BELOW THE ARRAY TABLE, BUILD A TABLE OF CLASSES, EACH ELEMENT								
168			*		HAVING A FIVE-DIGIT OFFSET AND A LINK TO THE FIRST ELEMENT OF								
169			*		THE CLASS IN THE ARRAY TABLE.								
170			*										
171			*		AT EXIT, X3 IS ONE BELOW THE GM AT THE BOTTOM OF THE ARRAY								
172			*		TABLE, AND X1 IS THE TOP (PREFIX) OF THE FIRST STATEMENT								
173			*		AFTER (BELOW) THE LAST EQUIVALENCE.								
174			*										
175			*		COME HERE FROM FIND ROUTINE IN PREVIOUS PHASE WHEN IT FINDS								
176			*		THE VARIABLE IN THE ARRAY TABLE.								
177			*										
178			PHAS11	LDPH	EQUIV TWO,FOUND,NXSTMT,,11					MACRO			
			*	PHAZ	LDPH [PHASID],LOADAD,ENTAD[,SKIPFG,SKIP],[NUMBER][,HALT]					GEN			
			*		XFR PHASZ PROHIBITED IN A MACRO					GEN			
			*							GEN			
			*	LOAD	A BLOCK					GEN			
			*							GEN			
179			)6J004	EQU	110 PHASE ID			0110		GEN			
180			)6K004	EQU	700 LOAD NEXT PHASE			0700		GEN			
181			)6L004	EQU	704 TAPE READ INSTRUCTION			0704		GEN			
182			)6M004	EQU	728 TAPE ERROR HANDLER			0728		GEN			
			*							GEN			
183				ORG	201				0201				
184			PHAS11	BSS	)8J004,G	5	0201	B 257	G	GEN	2	257	
185				NOP	TO PATCH IN TRAPS FOR DEBUGGING	1	0206	N		GEN	2		
186			)0J004	EQU	*&1			0207		GEN			
187				LCA	)9J004,)6J004	7	0207	L 281 110		GEN	2	281	110
188				BCE	)1J004,)6K004,1 Q: LOADING FROM CARDS?	8	0214	B 250 700 1		GEN	2	250	700
189				BCE	)1J004,)6L004&4,0 Q: LOADING FROM AUTOCODER TAPE?	8	0222	B 250 708 0		GEN	2	250	708
190				RTW	1,FOUND READ THE BLOCK	8	0230	L %U1 /81 R		GEN	2	%U1	1181
191				BER	)6M004 Q: TAPE ERROR?	5	0238	B 728 L		GEN	3	728	
192				CS	NXSTMT,)9R004 ENTER THE BLOCK	7	0243	/ /15 285		GEN	3	1115	285
193			)1J004	CS	)6K004,)9R004 LOAD CARDS OR AUTOCODER TAPE	7	0250	/ 700 285		GEN	3	700	285
194			)8J004	SW	)9R004	4	0257	, 285		GEN	3	285	

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
195				MU	%T0, )8K004,W	8		0261	M %T0 273 W	GEN	3	%T0	273
196				H	)0J004	4		0269	. 207	GEN	3	207	
197			)8K004	EQU	*&1			0273		GEN			
198			)9J004	DCW	@EQUIV TWO@ PHASE ID	9		0281		GEN	4		
199				DCW	#1	1		0282		GEN	4		
200				DC	@11@ PHASE NUMBER	2		0284		GEN	4		
201			)9R004	DCW	@}@	1		0285		GEN	4		
202				XFR	PHAS11				B 201		4	201	
203			*										
204				ORG	CHKTYP MOKOTOFF V3M0.LST LINE 1973, PHASE 10				1181				
205	1	181	FOUND	LCA	KZ5,OFF2	7		1181	L Z55 865		5	1955	865
206	1	188		NOF	0&X2	4		1188	N 0!0		5	000+2	
207	1	192		MCW	SKIP NAME	1		1192	M		5		
208	1	193		MCW	SKIP "NEXT" POINTER	1		1193	M		5		
209	1	194		MCW	SKIP "PREV" POINTER	1		1194	M		5		
210	1	195		MCW	SKIP "CLASS" POINTER	1		1195	M		5		
211	1	196		SAR	X2 X2 NOW POINTS AT 5-DIGIT OFFSET	4		1196	Q 094		5	094	
212	1	200		BAV	*&1 TURN OFF ARITHMETIC OVERFLOW FLAG	5		1200	B S05 Z		6	1205	
213	1	205		S	W3	4		1205	S Z58		6	1958	
214	1	209	MORE	BCE	NEW,1&X2, OFFSET EMPTY?	8		1209	B S47 0!1		6	1247	001+2
215	1	217		A	0&X2,OFF2	7		1217	A 0!0 865		6	000+2	865
216	1	224		MCW	3&X2,X2 NEXT ELEMENT IN EQUIVALENCE CLASS	7		1224	M 0!3 094		6	003+2	094
217	1	231		A	KP1,W3 COUNT ELEMENTS IN CLASS	7		1231	A Z59 Z58		6	1959	1958
218	1	238		BAV	FIXIT ERROR IF OVERFLOW -- CIRCULAR LIST?	5		1238	B Z15 Z		7	1915	
219	1	243		B	MORE	4		1243	B S09		7	1209	
220	1	247	NEW	MCW	X2,CLASS2	7		1247	M 094 868		7	094	868
221	1	254		BCE	SUBS,0&X1,% VARIABLE IN EQUIVALENCE SUBSCRIBED?	8		1254	B V92 0!0 %		7	1592	000+1
222	1	262		A	K1,OFF2 BUMP OFFSET	7		1262	A Z60 865		7	1960	865
223	1	269	TOTOP	MCW	NEXT3,X3 TOP OF CLASS TABLE	7		1269	M 876 099		7	876	099
224	1	276		LCA	OFF1,OFF3	7		1276	L 857 873		8	857	873
225	1	283		S	OFF2,OFF3	7		1283	S 865 873		8	865	873
226	1	290		BM	NEG,OFF3 OFF2 .LT. OFF1?	8		1290	V W53 873 K		8	1653	873
227	1	298		LCA	CLASS2,0&X3	7		1298	L 868 0?0		8	868	000+3
228	1	305		SBR	NEXT3	4		1305	H 876		8	876	
229	1	309	GETNXT	BCE	NXTVAR,0&X1,,	8		1309	B /65 0!0 ,		9	1165	000+1
230	1	317		BCE	EQVFIN,0&X1,) EQUIVALENCE GROUP DONE	8		1317	B T29 0!0 )		9	1329	000+1
231	1	325		B	SYNTAX	4		1325	B 883		9	883	
232	1	329	EQVFIN	MN	0&X1 SKIP RIGHT PAREN	4		1329	D 0!0		9	000+1	
233	1	333		MN	SKIP COMMA IF STATEMENT NOT ENDED	1		1333	D		9		
234	1	334		SAR	SAVX1 LEFT PAREN IF STATEMENT NOT ENDED	4		1334	Q Z63		9	1963	
235	1	338		MCW	NEXT3,X3	7		1338	M 876 099		9	876	099
236	1	345		LCA	DOLLAR,0&X3 MARK BOTTOM OF CLASS TABLE	7		1345	L Z64 0?0		10	1964	000+3
237			*										
238			* SEARCH THE		CLASS TABLE FOR THE LINK TO THE CLASS IN CLASS1								
239			*										
240	1	352		MCW	NEXT,X3 TOP OF CLASS TABLE	7		1352	M 852 099		10	852	099
241	1	359	TSTBOT	BCE	ATBOT,0&X3,\$ AT BOTTOM OF CLASS TABLE?	8		1359	B W83 0?0 \$		10	1683	000+3
242	1	367		MCW	0&X3,WNEXT	7		1367	M 0?0 Z67		10	000+3	1967
243	1	374		C	CLASS1,WNEXT	7		1374	C 860 Z67		10	860	1967
244	1	381		BE	TESTRI IT'S EITHER REDUNDANT OR ILLEGAL	5		1381	B X92 S		11	1792	

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245	1	386	BACKRI	MCW	0&X3,X2	7		1386	M 0?0 094		11	000+3	094
246	1	393		SAR	NEXT3	4		1393	Q 876		11	876	
247	1	397		BCE	EMPTY,0&X2,	8		1397	B U09 0!0		11	1409	000+2
248	1	405		B	FULL ENTRY HAS AN OFFSET	4		1405	B Z36		11	1936	
249	1	409	EMPTY	MCW	9&X2,X1 PREV TO X1	7		1409	M 0!9 089		11	009+2	089
250	1	416	EMPTYL	MCW	6&X2,X3 NEXT FROM X3 IS X3	7		1416	M 0!6 099		12	006+2	099
251	1	423		BCE	ENDTAB,X3, AT END OF ARRAY TABLE?	8		1423	B U47 099		12	1447	099
252	1	431		BCE	ENDTAB,1&X3,	8		1431	B U47 0?1		12	1447	001+3
253	1	439		SBR	X2 NEXT TO X2	4		1439	H 094		12	094	
254	1	443		B	EMPTYL	4		1443	B U16		12	1416	
255	1	447	ENDTAB	BCE	ENDTB2,X3, AT END OF ARRAY TABLE?	8		1447	B U62 099		12	1462	099
256	1	455		MCW	X1,9&X3	7		1455	M 089 0?9		13	089	009+3
257	1	462	ENDTB2	BCE	NOPREV,X1, NO PREV LINK?	8		1462	B X24 089		13	1724	089
258	1	470		MCW	X3,6&X1	7		1470	M 099 0!6		13	099	006+1
259	1	477	ENDTB3	MCW	CLASS1,X1	7		1477	M 860 089		13	860	089
260	1	484		MCW	6&X1,6&X2	7		1484	M 0!6 0!6		13	006+1	006+2
261	1	491		MCW	6&X1,X3	7		1491	M 0!6 099		14	006+1	099
262	1	498		MCW	X2,9&X3	7		1498	M 094 0?9		14	094	009+3
263	1	505		MCW	NEXT3,X3	7		1505	M 876 099		14	876	099
264	1	512		MCW	3&X3,X2	7		1512	M 0?3 094		14	003+3	094
265	1	519		MCW	X2,6&X1	7		1519	M 094 0!6		14	094	006+1
266	1	526		MCW	X1,9&X2	7		1526	M 089 0!9		15	089	009+2
267	1	533		MCW	CLASS1,3&X2	7		1533	M 860 0!3		15	860	003+2
268	1	540		MCW		1		1540	M		15		
269	1	541		S	0&X3,0&X2	7		1541	S 0?0 0!0		15	000+3	000+2
270	1	548		SAR	X3	4		1548	Q 099		15	099	
271	1	552		BW	TSTBOT,FLAG	8		1552	V T59 !99 1		15	1359	2099
272	1	560		SW	FLAG	4		1560	, !99		15	2099	
273	1	564		C	0&X2,WOFF	7		1564	C 0!0 !98		16	000+2	2098
274	1	571		BE	RED1	5		1571	B V84 S		16	1584	
275	1	576		B	ILLEGL	4		1576	B Y31		16	1831	
276	1	580		B	TSTBOT	4		1580	B T59		16	1359	
277				*									
278				*	REDUNDANT EQUIVALENCE								
279				*									
280	1	584	RED1	B	REDUND	4		1584	B Y73		16	1873	
281	1	588		B	TSTBOT	4		1588	B T59		16	1359	
282				*									
283				*	VARIABLE IN EQUIVALENCE HAS SUBSCRIPT								
284				*									
285	1	592	SUBS	MN	877	4		1592	D 877		16	877	
286	1	596		MN		1		1596	D		17		
287	1	597		SAR	X3 WHY NOT SBR X3,NEXT3-1?	4		1597	Q 099		17	099	
288	1	601		SBR	X1,0&X1	7		1601	H 089 0!0		17	089	000+1
289				*									
290				*	MOVE SUBSCRIPT, IN FORWARD ORDER, TO CLASS TABLE								
291				*									
292	1	608	SUBSL	MCW	0&X1,CHTEST	7		1608	M 0!0 Z68		17	000+1	1968
293	1	615		SAR	X1	4		1615	Q 089		17	089	
294	1	619		BCE	SUBSX,CHTEST,)	8		1619	B W42 Z68 )		17	1642	1968

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
295	1	627		MCW	CHTEST,2&X3	7		1627	M Z68 0?2		17	1968	002+3
296	1	634		SBR	X3	4		1634	H 099		18	099	
297	1	638		B	SUBSL	4		1638	B W08		18	1608	
298			*										
299	1	642	SUBSX	A	1&X3,OFF2	7		1642	A 0?1 865		18	001+3	865
300	1	649		B	TOTOP	4		1649	B S69		18	1269	
301			*										
302	1	653	NEG	BCE	FIRST,OFF1, STILL EMPTY?	8		1653	B W72 857		18	1672	857
303	1	661		LCA	CLASS1,0&X3	7		1661	L 860 0?0		18	860	000+3
304	1	668		SBR	NEXT3	4		1668	H 876		18	876	
305	1	672	FIRST	MCW	CLASS2,CLASS1 CURRENT ONE HAS LEAST OFFSET	7		1672	M 868 860		19	868	860
306	1	679		B	GETNXT	4		1679	B T09		19	1309	
307			*										
308					* AT BOTTOM OF CLASS TABLE								
309			*										
310	1	683	ATBOT	MCW	SAVX1,X1	7		1683	M Z63 089		19	1963	089
311	1	690		LCA	E0FF,OFF1 EMPTY OFFSET TO OFF1	7		1690	L Z73 857		19	1973	857
312	1	697		MCW	NEXT,NEXT3	7		1697	M 852 876		19	852	876
313	1	704		BCE	GOTLP,1&X1,,	8		1704	B /58 0 1 ,		20	1158	001+1
314	1	712		BCE	NXSTMT,1&X1,}	8		1712	B /15 0 1 } GMARK		20	1115	001+1
315	1	720		B	SYNTAX	4		1720	B 883		20	883	
316			*										
317	1	724	NOPREV	MCW	X3,86	7		1724	M 099 086		20	099	086
318	1	731		B	ENDTB3	4		1731	B U77		20	1477	
319			*										
320					* CODE NOT OVERLAID IN PREVIOUS PHASE COMES HERE WHEN EQUIVALENCE								
321					* STATEMENTS HAVE ALL BEEN PROCESSED								
322			*										
323	*1	735	DONE2	MCW	NEXT,X3	7		1735	M 852 099		20	852	099
324	1	742		MCW	GM,1&X3 MARK BOTTOM OF ARRAY TABLE	7		1742	M 839 0?1		21	839	001+3
325	1	749		MCM	5&X1	4		1749	P 0 5		21	005+1	
326	1	753		MN		1		1753	D		21		
327	1	754		MN		1		1754	D		21		
328	1	755		SAR	X1 TOP OF STATEMENT AFTER LAST EQUIVALENCE	4		1755	Q 089		21	089	
329	1	796		B	LOADNX	4		1759	B 700		21	700	
330				DCW	#1	1		1763			21		
331			*										
332					* CODE NOT OVERLAID IN PREVIOUS PHASE COMES HERE FOR VARIABLES								
333					* IN THE EQUIVALENCE STATEMENT THAT ARE NOT IN THE TABLE								
334			*										
335	*1	800	NOTIN2	BCE	GOTRP,0&X1,)	8		1764	B X80 0 0 )		22	1780	000+1
336	1	808		SBR	X1	4		1772	H 089		22	089	
337	1	812		B	NOTIN2	4		1776	B X64		22	1764	
338	1	816	GOTRP	MN	0&X1	4		1780	D 0 0		22	000+1	
339	1	820		SAR	X1	4		1784	Q 089		22	089	
340	1	824		B	NXTVAR	4		1788	B /65		22	1165	
341			*										
342					* TEST FOR REDUNDANT OR ILLEGAL EQUIVALENCE								
343			*										
344	1	828	TESTRI	MCW	0&X3,X2	7		1792	M 0?0 094		22	000+3	094



SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
395					* OFFSET HAS A VALUE								
396					*								
397	1	972	FULL	MCW	0&X2,WOFF	7		1936	M 0!0 !98		28	000+2	2098
398	1	979		CW	FLAG	4		1943	) !99		28	2099	
399	1	983		B	EMPTY	4		1947	B U09		29	1409	
400					*								
401					* DATA								
402					*								
403	1	991	KZ5	DCW	@000000@	5		1955			29		
404	1	994	W3	DCW	#3	3		1958			29		
405	1	995	KP1	DCW	&1	1		1959			29		
406	1	996	K1	DCW	1	1		1960			29		
407	1	999	SAVX1	DCW	#3	3		1963			29		
408	2	000	DOLLAR	DCW	@\$@	1		1964			29		
409	2	003	WNEXT	DCW	#3	3		1967			30		
410	2	004	CHTEST	DCW	#1	1		1968			30		
411	2	009	EOFF	DCW	#5	5		1973			30		
412	2	059	ERROR7	DCW	@ERROR 7 - ILLEGAL EQUIVALENCE, STATEMENT @	41		2014			32		
413	2	102	ERROR8	DCW	@ERROR 8 - REDUNDANT EQUIVALENCE, STATEMENT @	43		2057			34		
414	2	138	FIXMSG	DCW	@CORRECT ERRORS INDICATED AND RESTART@	36		2093			35		
415	2	143	WOFF	DCW	#5 OFFSET WORK AREA	5		2098			36		
416	2	144	FLAG	DCW	#1	1		2099			36		
417	2	145	GMWM	DCW	@}@	1		2100			36		
418				XFR	NXSTMT				B /15		36	1115	
419			CLRME	CLRA	BEGIN3,GMWM,C					MACRO			
				CLRA	CLRBOT,CLRTOP[,SS,HERE,GWMAD]					GEN			
					*					GEN			
					* CLEAR CORE AFTER A PHASE USING THE CLRTOP ADDRESS					GEN			
					*					GEN			
420				ORG	201				0201				
					*					GEN			
					* CLEAR DOWN TO CLRBOT & X00 THE EASY WAY					GEN			
					*					GEN			
421			CLRME	EQU	*&1			0201		GEN			
422				BSS	SNAPSH,C	5		0201	B 333 C	GEN	37	333	
423			)0J005	CS	GMWM CLEAR FROM CLRTOP	4		0206	/ J00	GEN	37	2100	
424				SBR	)0J005&3	4		0210	H 209	GEN	37	209	
425				SBR	)0L005&6	4		0214	H 255	GEN	37	255	
426				C	)0J005&3,)0M005 DOWN TO CLRBOT & X00?	7		0218	C 209 266	GEN	37	209	266
427				BU	)0J005	5		0225	B 206 /	GEN	37	206	
					*					GEN			
					* NOW CLEAR DOWN TO CLRBOT THE HARD WAY					GEN			
					*					GEN			
428			)0K005	C	)0L005&6,)0N005	7		0230	C 255 269	GEN	37	255	269
429				BU	)0L005	5		0237	B 249 /	GEN	38	249	
430				CS	LOADNX,)0Q005 LOAD THE NEXT BLOCK AT 1	7		0242	/ 700 276	GEN	38	700	276
431			)0L005	LCA	)0P005,0-0 CLEAR WITH BLANK AND WORD MARK	7		0249	L 270 000	GEN	38	270	000
432				SBR	)0L005&6	4		0256	H 255	GEN	38	255	
433				B	)0K005	4		0260	B 230	GEN	38	230	
434			)0M005	DSA	)0R005 CLRBOT & X00 - 1	3		0266	899	GEN	38	899	

SEQ	PG	LIN	LABEL	OP	OPERANDS	SFX	CT	LOCN	INSTRUCTION	TYPE	CARD	A-ADDR	B-ADDR
435			)0N005	DSA	BEGIN3 CLRBOT	3		0269	838	GEN	38	838	
436			)0P005	DCW	#1	1		0270		GEN	39		
437				DC	@CLRA @ IDENTIFY IN A DECK, TAPE, OR DUMP	5		0275		GEN	39		
438			)0Q005	DCW	@}@	1		0276		GEN	39		
439				ORG	BEGIN3&X00				0900				
440			)0R005	EQU	* CLRBOT & X00 - 1			0899		GEN			
441				XFR	CLRME				B 201		39	201	



SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS	SYMBOL	ADDRESS
)0J004	0207: 0	)0J005	0206: 0	)0K005	0230: 0	)0L005	0249: 0	)0M005	0266: 0	)0N005	0269: 0
)0P005	0270: 0	)0Q005	0276: 0	)0R005	0899: 0	)1J004	0250: 0	)6J004	0110: 0	)6K004	0700: 0
)6L004	0704: 0	)6M004	0728: 0	)8J004	0257: 0	)8K004	0273: 0	)9J004	0281: 0	)9R004	0285: 0
ATBOT	1683: 0	BACKRI	1386: 0	BEGIN3	0838: 0	CDOVLY	0700: 0	CHKTYP	1181: 0	CHTEST	1968: 0
CLASS1	0860: 0	CLASS2	0868: 0	CLRME	0201: 0	DOLLAR	1964: 0	DONE2	1735: 0	EMPTY	1409: 0
EMPTYL	1416: 0	ENDTAB	1447: 0	ENDTB2	1462: 0	ENDTB3	1477: 0	EOFF	1973: 0	EQVFIN	1329: 0
ERROR7	2014: 0	ERROR8	2057: 0	FIRST	1672: 0	FIXIT	1915: 0	FIXMSG	2093: 0	FLAG	2099: 0
FOUND	1181: 0	FULL	1936: 0	GETNXT	1309: 0	GLOBER	0184: 0	GM	0839: 0	GMWM	2100: 0
GOTLP	1158: 0	GOTRP	1780: 0	HALT	1932: 0	ILLEGL	1831: 0	K1	1960: 0	KP1	1959: 0
KZ5	1955: 0	LOADNX	0700: 0	MORE	1209: 0	NEG	1653: 0	NEW	1247: 0	NEXT	0852: 0
NEXT3	0876: 0	NOPREV	1724: 0	NOTIN2	1764: 0	NOVFL1	1869: 0	NOVFL2	1911: 0	NXSTMT	1115: 0
NXTVAR	1165: 0	OFF1	0857: 0	OFF2	0865: 0	OFF3	0873: 0	OVFL1	1867: 0	OVFL2	1909: 0
PHAS11	0201: 0	PHASLD	0381: 0	PREFIX	0849: 0	RED1	1584: 0	RED2	1823: 0	REDUND	1873: 0
SAVX1	1963: 0	SNAPEX	0564: 0	SNAPSH	0333: 0	SUBS	1592: 0	SUBSL	1608: 0	SUBSX	1642: 0
SYNTAX	0883: 0	TESTRI	1792: 0	TOP3	2600: 0	TOTOP	1269: 0	TPERR	0728: 0	TPREAD	0704: 0
TSTBOT	1359: 0	W3	1958: 0	WNEXT	1967: 0	WOFF	2098: 0	X1	0089: 0	X2	0094: 0
X3	0099: 0										

## UNREFERENCED SYMBOLS

CDOVLY DONE2 PHASLD SNAPEX TOP3 TPERR TPREAD