CLEAR CLEAR BOOTST	STORAG STORAG TRAP	E 1 E 2	,0080 L0681 ,0080	15,022 16,105 15,022	2026,030037,044,049,053053N000000N00001026 5106,110117B101/19I#071029C029056B026/B001/0991 2029,036040,047054,061068,072/061039	,001/001	117I0? )011040			1 2 3
				FORTE	RAN COMPILER SORT THREE PHASE PHASE 06				PAGE	1
SEQ F	PG LIN	LABEL	OP	OPERA	ANDS	SFX CT	LOCN	INSTRUCTION	TYPE	CARD
101			JOB	FORTE	RAN COMPILER SORT THREE PHASE PHASE 06					
102			CTL	6611						
103		*								
104				PHASE	E: SORT STATEMENTS BY TYPE, SHIFT TO LOW					
105		* MEMOR								
106					DRESS OF THE LAST CHARACTER (LOWEST IN CORE,					
107			ABOVE (	GMWM)	OF THE LAST (LOWEST IN CORE) STATEMENT.					
108		*		0.0			0000			
109		X1 X2 X3	EQU	89			0089 0094			
110		XZ	EQU	94						
111		X3 *	EQU	99			0099			
113			IN T	HE RES	SIDENT AREA					
114		*			PHASE ID, FOR SNAPSHOT DUMPS CORE DUMP SNAPSHOT TOP CORE ADDRESS FROM PARAM CARD LOAD NEXT OVERLAY CS AT START OF OVERLAY LOADER 1 IF RUNNING FROM CARDS, N IF FROM TAPE TAPE READ INSTRUCTION IN OVERLAY LOADER EXIT FROM OVERLAY LOADER					
115		PHASID	EQU	110	PHASE ID, FOR SNAPSHOT DUMPS		0110			
116		SNAPSH	EQU	333	CORE DUMP SNAPSHOT		0333			
117		TOPCOR	EQU	688	TOP CORE ADDRESS FROM PARAM CARD		0688			
118		LOADNX	EQU	700	LOAD NEXT OVERLAY		0700			
119		CLEARL	EQU	707	CS AT START OF OVERLAY LOADER		0707			
120		CDOVLY	EQU	769	1 IF RUNNING FROM CARDS, N IF FROM TAPE		0769			
121		TPREAD	EQU	780	TAPE READ INSTRUCTION IN OVERLAY LOADER		0780			
122		LOADXX	EQU	793	EXIT FROM OVERLAY LOADER		0793			
123		CLRBOT	EQU	833	BOTTOM OF CORE TO CLEAR IN OVERLAY LOADER		0833			
124		TYPTAB	EQU	840	TYPE TABLE (WORD MARKS SET IN PHASE 3)		0840			
125		*			INDEXED BY 30*(ZONE OF STATEMENT CODE) +					
126		*			3*(NUMERIC PART OF STATEMENT CODE). EACH					
127		·			ENIRY IS THE ADDRESS OF THE EARLIEST (HIGHEST					
120		+			ADDRESS) STATEMENT OF A TIPE. EACH STATEMENT					
120		*			OF THE CAME TYPE AC ITS FIRST THREE (HIGHEST					
131		*			ADDRESS CHARACTERS					
132		*			EXIT FROM OVERLAY LOADER BOTTOM OF CORE TO CLEAR IN OVERLAY LOADER TYPE TABLE (WORD MARKS SET IN PHASE 3) INDEXED BY 30*(ZONE OF STATEMENT CODE) + 3*(NUMERIC PART OF STATEMENT CODE). EACH ENTRY IS THE ADDRESS OF THE EARLIEST (HIGHEST ADDRESS) STATEMENT OF A TYPE. EACH STATEMENT HAS A POINTER TO THE NEXT ONE (LOWER IN CORE) OF THE SAME TYPE AS ITS FIRST THREE (HIGHEST ADDRESS) CHARACTERS.					
133			ORG	1022				1022		
134		LOADDD	EOU	*&1	LOAD ADDRESS		1022	1022		
135	1 022	BEGINN	MCW	83.X3	B ADDRESS AT END OF LAST STATEMENT	7	1022	M 083 099		4
136	1 029		SW	GM		4	1029	, Y06		4
137	1 033		SBR	X1,28	399 BOTTOM OF FREE STORAGE	7	1033	Н 089 Q99		4
138	1 040		SW	2900		4	1040	, R00		4
139	1 044		MN	0&X3	COMPUTE ADDRESS BELOW LAST STATEMENT,	4	1044	D 0?0		4
140	1 048		LCA	GM	PUT A GMWM THERE	4	1048	L Y06		4
141	1 052		SBR	SAVE	AND STORE ADDRESS BELOW GMWM	4	1052	H /10		4
142	1 056		SBR	W3,TA	ABIXS GET LAST TYPTAB INDEX	7	1056	H Y10 X99		5
143	1 063	LOOP	MCW	W3,X3	GET NEXT HEAD	7	1063	M Y10 099		5
144	1 070		MCW	0&X3	X3 OF CHAIN TO X3	7	1070	M 0?0 099		5
145	1 077		SAR	WЗ		4	1077	Q Y10		5
146	1 081		BCE	DONE	LOAD ADDRESS 3 ADDRESS AT END OF LAST STATEMENT 399 BOTTOM OF FREE STORAGE  COMPUTE ADDRESS BELOW LAST STATEMENT, PUT A GMWM THERE 46 AND STORE ADDRESS BELOW GMWM ABIXS GET LAST TYPTAB INDEX 3 GET NEXT HEAD X3 OF CHAIN TO X3  X3,X END OF THE TABLE? ABAX3,X3 HEAD OF LIST OF STATEMENTS OF TYPE	8	1081	B W47 099 X		5
147	1 089		MCW	TYPT	AB&X3,X3 HEAD OF LIST OF STATEMENTS OF TYPE	7	1089	M 8D0 099		6

			FORTRAN CO	MPILER SORT THREE PHASE PHASE 06				PAGE	2
SEQ PG LIN	LABEL	OP	OPERANDS		SFX CT	LOCN	INSTRUCTION	TYPE	CARD
148 1 096 149	*	BCE	LOOP, X3,	NO STATEMENTS OF THE TYPE	8	1096	B  63 099		6
150 151	* MOVE	ALL	STATEMENTS O	MOVE STATEMENT TO SAVE AREA  DID WE MOVE THE GM? NO, MAYBE WE'RE OUT OF SPACE GET BACK ABOVE GMWM, TO BOTTOM OF STMT COMPUTE ADDRESS ABOVE TOP OF STATEMENT AND SAVE IT MOVE STATEMENT TO BOTTOM OF FREE AREA, BUMP POINTER TO BOTTOM, THEN BACK DOWN TO GM AND SAVE IT MOVE UP TO RECORD MARK OR GM   MORE TO GO IF STMT CONTAINS RM BUMP POINTER ABOVE GM  NOW SUBTRACT FOUR FROM X1 TO RECOVER SPACE USED FOR SAME-TYPE LINK MARK TOP OF STATEMENT STORE ADDRESS OF TOP OF STATEMENT AND IN X1 COMPUTE ADDRESS ABOVE TOP OF STATEMENT, GET BACK DOWN TO RM OR GMWM AND SAVE IT , MORE TO GO IF STMT CONTAINS RM SUBTRACT SIX FROM X3 ,,, COMPUTE -1&X1 INTO B-STAR COPY SEQUENCE NUMBER  POINT X3 BACK AT TOP OF STATEMENT , MORE TO GO IF STMT CONTAINS RM LAST STATEMENT ON CHAIN? NO, GET NEXT STATEMENT IN CHAIN AND SAVE IT					
152 1 104	SAVE	MCW	0&X3,0-0	MOVE STATEMENT TO SAVE AREA	7	1104	M 0?0 000		6
153 1 111		SAR	X2		4	1111	Q 094		6
154 1 115		BCE	*&5,1&X2,}	DID WE MOVE THE GM?	8	1115	B /27 0!1 }	GMARK	6
155 1 123		В	NOROOM	NO, MAYBE WE'RE OUT OF SPACE	4	1123	B S95		6
156 1 127		SBR	X2,2&X2	GET BACK ABOVE GMWM, TO BOTTOM OF STMT	7	1127	н 094 0!2		7
157 1 134	MORE	MCM	0&X2	COMPUTE ADDRESS ABOVE TOP OF STATEMENT	4	1134	P 0!0		7
158 1 138		SBR	SX2&6	AND SAVE IT	4	1138	н /67		7
159 1 142		MCM	0&X2,1&X1	MOVE STATEMENT TO BOTTOM OF FREE AREA,	7	1142	P 0!0 0 1		7
160 1 149		SBR	X1	BUMP POINTER TO BOTTOM,	4	1149	H 089		7
161 1 153		MN	0&X1	THEN BACK DOWN TO GM	4	1153	D 0   0		-7
162 1 157	~***	SBR	XI	AND SAVE IT	4	115/	H 089		/
163 1 161	SX2	SBR	X2,0-0	MOVE UP TO RECORD MARK OR GM	/	1161	H 094 000		8
164 1 168		BCE	MORE, U&XI,	MORE TO GO IF SIMI CONTAINS RM	8	1108	B / 34 U   U		8
165 1 176		SBK	XI,I&XI	BUMP PUINTER ABOVE GM	/	11/0	H U89 U I		8
160 1 183		LW	DIGFLG 0:V1	NOW CURTACT	4	1103	) 107		8
160 1 101		MM	UWAI	NOW SUBIRACI	1	1101	D 010		0
160 1 191		MM		V1 TO DECOVED	1	1102	D		0
170 1 192		MM		SDACE USED FOR	1	1192	D		a
171 1 194		SAR	¥1	SAME-TYPE LINK	4	1194	0.089		9
172 1 198		I.CA	GM O&X1	MARK TOP OF STATEMENT	7	1198	I. Y06 010		9
173 1 205		SBR	83	STORE ADDRESS OF TOP OF STATEMENT	4	1205	н 083		9
174 1 209		SBR	X1	AND IN X1	4	1209	н 089		9
175 1 213	MORE2	MCM	1.6X1	COMPUTE ADDRESS ABOVE TOP OF STATEMENT.	4	1213	P 011		9
176 1 217		MN		GET BACK DOWN TO RM OR GMWM	1	1217	D		9
177 1 218		SAR	X1	AND SAVE IT	4	1218	Q 089		10
178 1 222		BCE	MORE2,0&X1	,   MORE TO GO IF STMT CONTAINS RM	8	1222	B S13 0 0		10
179 1 230		MN	0&X3	SUBTRACT	4	1230	D 0?0		10
180 1 234		MN		SIX	1	1234	D		10
181 1 235		MN		FROM	1	1235	D		10
182 1 236		MN		X3	1	1236	D		10
183 1 237		MN		11	1	1237	D		10
184 1 238		MN		11	1	1238	D		11
185 1 239		SAR	Х3	, ,	4	1239	Q 099		11
186 1 243		MN	0&X1	COMPUTE -1&X1 INTO B-STAR	4	1243	D 0   0		11
187 1 247		LCA	3&X3	COPY SEQUENCE NUMBER	4	1247	L 0?3		11
188 1 251		MCW	POUND,0&X3		7	1251	M Y11 0?0		11
189 1 258	MORE3	MCM	2&X3	POINT X3	4	1258	P 0?2		11
190 1 262		MN		BACK AT	1	1262	D		11
191 1 263		MN	v.o	TOP OF	1	1263	D 000		12
100 1 000		DAK	MODES 14VS	DIAILMENI  MODE TO CO TE CTMT CONTAINS DM	4	1269	D CEO 021 1		12
104 1 276		BCE	MOKES, 1&XS	,   MORE TO GO IF SIMI CONTAINS KM	8	1276	D 163 020		12
195 1 204		MCM	UCAS AS	NO CET NEVY STATEMENT IN CURIN	7	1201	M USU UGG		12
196 1 204		P. P.	CAVE	AND CAVE IT	/	1204	B /01		12
196 1 291	*	ם	SAVE	AND SAVE II	4	1271	D / U4		12

		FORTRAN COMPILER SORT THREE PHASE PHASE 06			PAG	E 3
SEQ PG LIN	LABEL OP	FORTRAN COMPILER SORT THREE PHASE PHASE 06  OPERANDS  MOVE STATEMENT BELOW BOTTOM STATEMENT  TOOBIG,BIGFLG BIGFLG TOPCOR,X2 0&X2 X2 X2 IS TOPCOR-1 NOW X2,X3 0&X2,0&X3 MOVE STATEMENT UP X2 0&X3,PREFIX MOVED,PREFIX-6,# STATEMENT ALREADY MOVED? 0&X3,0&X3 NO, DECREMENT X3 SO AS NOT TO X3 CLOBBER RECENTLY MOVED STATEMENT XAVE&6,X2 DONE? MOVEUP NO, MOVE ANOTHER ONE X3,SAVE&6 BELOW LAST MOVED STATEMENT X3,X2 X3,X3999 COMPUTE X1 & X00 - 1  X1,X1999,X3999 NOCLR 0&X3 CLEAR FROM X3 DOWN TO X1 & X00 X3 X3,X1999 CCLR TABLEN,TABCNT TABLE LENGTH TO TABLE COUNTER X3&1	SFX CT	LOCN	INSTRUCTION TYPE	CARD
198	* NO ROOM TO	MOVE STATEMENT BELOW BOTTOM STATEMENT				
199 200 1 295	* NODOOM DW	TOOPIC PICEIC	0	1205	17 WOO VO7 1	13
201 1 303	NOROOFI BW	RICFIC	1	1303	V W00 107 1	13
202 1 307	MCW	TOPCOR . X2	7	1303	M 688 094	13
203 1 314	MN	0&X2	4	1314	D 0!0	13
204 1 318	SAR	X2 X2 IS TOPCOR-1 NOW	4	1318	0 094	13
205 1 322	MCW	X2,X3	7	1322	M 094 099	13
206 1 329	MOVEUP LCA	0&X2,0&X3 MOVE STATEMENT UP	7	1329	L 0!0 0?0	14
207 1 336	SAR	X2	4	1336	Q 094	14
208 1 340	MCW	0&X3,PREFIX	7	1340	M 0?0 Y20	14
209 1 347	BCE	MOVED, PREFIX-6, # STATEMENT ALREADY MOVED?	8	1347	B T66 Y14 #	14
210 1 355	LCA	0&X3,0&X3 NO, DECREMENT X3 SO AS NOT TO	7	1355	L 0?0 0?0	14
211 1 362	SAR	X3 CLOBBER RECENTLY MOVED STATEMENT	4	1362	Q 099	14
	MOVED C	SAVE&6,X2 DONE?	7	1366	C /10 094	15
213 1 373	BU	MOVEUP NO, MOVE ANOTHER ONE	5	1373	B T29 /	15
214 1 378	MCW	X3,SAVE&6 BELOW LAST MOVED STATEMENT	7	1378	M 099 /10	15
215 1 385	MCW	X3,X2	7	1385	M 099 094	15
216 1 392	MZ	X3,X3999 COMPUTE X3 & X00 - 1	-/	1392	Y 099 Y05	15
217 1 399 218 1 400	MZ MCW		1	1400	Y M	15 15
218 1 400	MZ MZ	V1 V1000 COMPUTE V1 C V00 1	1	1400	M 000 M00	16
220 1 401	MZ MZ	X1, X1999 COMPUTE X1 & XUU - 1	1	1401	1 089 102 V	16
221 1 409	MCW		1	1/100	M	16
222 1 410	C	V1000 V3000	7	1/110	C V02 V05	16
223 1 417	BE	NOCLE	5	1417	B II42 S	16
224 1 422	CLR CS	0&X3 CLEAR FROM X3 DOWN TO X1 & X00	4	1422	/ 0?0	16
225 1 426	SBR	Х3	4	1426	Н 099	16
226 1 430	C	X3,X1999	7	1430	C 099 Y02	17
227 1 437	BU	CLR	5	1437	B U22 /	17
228 1 442	NOCLR ZA	TABLEN, TABCNT TABLE LENGTH TO TABLE COUNTER	7	1442	? Y22 !03	17
229 1 449	S	X3&1	4	1449	S 100	17
230	*					
231	* FILL TYPE	TABLE WITH BLANKS  KB3,TYPTAB&X3 MARK END OF CHAIN KP1,TABCNT CLRFIN,TABCNT DONE CLEARING TABLE? KP3,X3 CLRTAB				
232	*					
233 1 453	CLRTAB MCW	KB3,TYPTAB&X3 MARK END OF CHAIN	7		M Y25 8D0	17
234 1 460	S	KP1, TABCNT	7		S Y26 !03	17
235 1 467	BM	CLRFIN, TABENT DONE CLEARING TABLE?	8		V U86 !03 K A Y27 099	18
230 1 4/3	A	AP3,A3	/		B U53	18 18
237 1 482	*	CLRIAB	4	1482	В 053	18
239		ED STATEMENTS INTO TYPE TABLE				
240	*	ED STATEMENTS INTO TITE TABLE				
241 1 486	CLRFIN MCM	1.8X2 GET X1 TO TOP OF STATEMENT	4	1486	P 011	18
242 1 490	MN	1&X2 GET X1 TO TOP OF STATEMENT	1	1490	D	18
243 1 491	SAR	X2	4	1491	Q 094	18
244 1 495	BCE	CLRFIN,0&X2,   MORE TO DO IF RM INSTEAD OF GMWM	8	1495	B U86 0!0	18
245 1 503	SBR	X2 CLRFIN,0&X2,  MORE TO DO IF RM INSTEAD OF GMWM X2,1&X2 X2 IS NOW BOTTOM OF NEXT STATEMENT Y3&1	7	1503	H 094 0!1	19
246 1 510	S	X3&1	4	1510	S 100	19
247 1 514	C	0&X2	4	1514	C 0!0	19

				FORTRAN CO	MPILER -	- SORT THREE PHASE PHASE 06			PAG	GE 4
SEQ PG	LIN	LABEL	OP	OPERANDS			SFX CT	LOCN	INSTRUCTION TYPE	E CARD
248 1	518		SAR	*&4		PREFIX ES ERIC PART OF TATEMENT CODE TO X3 ADD 30 TIMES ZONE PART OF STATEMENT CODE TO X3  NEXT STATEMENT SAME TYPE NEXT WORD MARK PE TABLE TO STATEMENT TYPE	4	1518	O V25	19
249 1	522		MCW	0-0,PREFIX	SAVE	PREFIX	7	1522	M 000 Y20	19
250 1	529		MN	PREFIX-6,X	3 3 TIM	ES	7	1529	D Y14 099	19
251 1	536		MCW	X3,TABCNT	NUM	ERIC PART OF	7	1536	M 099 !03	20
252 1			A	Х3	S	TATEMENT CODE	4	1543	A 099	20
253 1			A	TABCNT,X3		TO X3	7	1547	A !03 099	20
254 1			BWZ	ZONFIN, PRE	FIX-6,2	ADD 30 TIMES	8	1554	V V99 Y14 2	20
255 1			A	KP30,X3		ZONE PART	7	1562	A Y29 099	20
256 1			BWZ	ZONFIN, PRE	FIX-6,S	OF STATEMENT	8	1569	V V99 Y14 S	21
257 1			A	KP30,X3	DTV 6	CODE	.7	1577	A Y29 099	21
258 1 259 1			BM A	ZONFIN, PRE	F.TX-0	10 X3	8	1584	V V99 Y14 K	21 21
260 1		ZONETN	MNT	0.00,83	MINITE 2		/	1592	A 129 U99	21
261 1		ZONFIN	MN	U&XZ	MINUS Z		4	1603	D 0:0	21
262 1			MCW	TYPTAR£X3	LINK TO	NEXT STATEMENT SAME TYPE	4	1603	M 8DU	21
263 1			C	0.x2	DOWN TO	NEXT MOBD WARK	4	1608	C 010	22
264 1			SAR	TYPTAB&X3	LINK TY	NEXT WORD MARK PE TABLE TO STATEMENT TYPE	4	1612	0.00	22
265 1			C	X2,TOPCOR	DONE?	12 11322 10 0111212111 1112	7	1616	C 094 688	22
266 1			BU	CLRFIN			5		B U86 /	22
267 1			MCW	W3,X3	RECOVER	Х3	7		M Y10 099	22
268 1	635		NOP	3&X3			4	1635	N 0?3	22
269 1	639		SAR	W3	PLUS	3	4	1639	Q Y10	22
270 1	643		В	LOOP	BACK TO	X3 3 SORTING	4	1643	B  63	23
271		*								
272			NEXT	OVERLAY						
273	647	*	Daa	ana pari			_	1647	D 222 C	0.0
274 1 275 1		DONE	BDD	SNAPSH,C	VDTAD 0	NEVE OVERLAN DEAD ADDRESS	5	1047	B 333 C	23 23
275 1			SBK	CIDDOT	IPIAB-Z	NEXT OVERLAT READ ADDRESS	1	1650	н /80 838	23
277 1			SBR	LONDYX 3 T	YPTAR-2	NEXT OVERLAY ENTRY ADDRESS	7	1663	H 796 838	23
278 1			SBR	CLEARL&3.T	ABCNT	TOP OF CLEAR	7	1670	H 710 '03	23
279 1			LCA	GMMSG.PHAS	TD	NEXT PHASE ID	7	1677	I, Y39 110	24
280 1			В	LOADNX		NEXT OVERLAY READ ADDRESS AND BOTTOM OF CLEAR AREA NEXT OVERLAY ENTRY ADDRESS TOP OF CLEAR NEXT PHASE ID LOAD IT	4	1684	В 700	24
281		*								
282		* PROG	RAM IS	TOO BIG						
283		*								
284 1				332					/ 332	24
285 1			CS					1692		24
286 1			CC	1					F 1	24
287 1			MCW	MSG2,270					M Y75 270	24
288 1			W	1				1702		24
289 1 290 1			CC	1	37 1			1703		25 25
290 1			BCE RWD	HALT, CDOVL	Υ,Ι				B X18 769 1 U %U1 R	25 25
291 1		натт	H	HALT					. X18	25
293	, 10	*	11	1111111			4	1110	. 1110	23
294		* DATA								
295		*								
296		* FIRS	T IS T	ABLE OF TAB	LE INDEX	ES IN THE REVERSE ORDER				
297		* WE W	ANT ST	ATEMENTS SO	RTED INT	O LOW CORE				

				FORTRAN COMPILER SORT THREE PHASE PHASE 06				PAGE	5
SEQ PO	G LIN	LABEL	OP	OPERANDS	SFX CT	LOCN	INSTRUCTION	I TYPE	CARD
298		*							
299 1	1 724		DCW	@XXX@ END-OF-TABLE SENTINEL	3	1724			25
300 1	1 727		DSA	117 I DIMENSION	3	1727	117		25
301 1	1 730		DSA	84 Q	3	1730	084		25
302 1	1 733		DSA	108 F FORMAT	3	1733	108		26
	1 736		DSA	9 3 WRITE TAPE	3	1736	009		26
	L 739		DSA	3 1 READ	3	1739	003		26
	1 742		DSA	18 6 WRITE OUTPUT TAPE	3	1742	018		26
	1 745		DSA	81 M	3	1745	081		26
307 1			DSA	42 U PUNCH	3	1748	042		26
	1 751		DSA	15 5 READ INPUT TAPE	3	1751	015		26
	1 754		DSA	69 L	3	1754	069		27
310 1			DSA	87 R ARITHMETIC	3	1757	087		27
311 1			DSA	105 E IF 27 9	3	1760	105		27 27
312 1 313 1			DSA DSA	2, 3	3	1763	027		27
					3	1766	096		27
314 1 315 1	1 772		DSA DSA	57 Z REWIND 75 N ENDFILE	3	1769 1772	057 075		27
316 1			DSA	39 T COMPUTED GOTO	3	1775	039		28
317 1			DSA	111 G GOTO	3	1778	111		28
	1 781		DSA	36 S STOP	3	1781	036		28
	1 784		DSA	93 A PAUSE	3	1784	093		28
	1 787		DSA	63 J SENSE LIGHT	3	1787	063		28
321 1			DSA	66 K IF SENSE LIGHT	3	1790	066		28
	1 793		DSA	48 W IF SENSE SWITCH	3	1793	048		28
	1 796		DSA	99 C CONTINUE		1796	099		29
	1 799	TABIXS		102 D DO LAST OF TABLE INDEXES		1799	102		29
325		*							
326 1	1 802	X1999	DSA	999 X1 & X00 - 1	3	1802	999		29
327 1	1 805	X3999	DCW	999 X3 & X00 - 1	3	1805			29
328 1	L 806	GM	DC	@ } @	1	1806		GMARK	29
	L 807	BIGFLG		0 WORD MARK SET IF TOO BIG		1807			29
	1 810	W3	DCW	#3		1810			29
	811	POUND		@#@		1811			29
	1 820	PREFIX		#9 STATEMENT PREFIX		1820			29
	L 822	TABLEN		&39 TYPE TABLE LENGTH		1822			30
	1 825	KB3	DCW	#3 THREE BLANKS END OF CHAIN SENTINEL		1825			30
	L 826	KP1	DCW	&1		1826			30
	1 827	KP3	DCW	&3		1827			30
	L 829	KP30	DCW	&30		1829			30
	L 839	GMMSG	DCW	@GROUP MARK@		1839			30 31
	L 875	MSG2	DCW	@MESSAGE 2 - OBJECT PROGRAM TOO LARGE@	36	1875	2001		31
340 341 2	2 003	TABCNT	ORG	2001 #3	3	2003	2001		32
341 2	2 003	IADCNI	ORG	2900	3	2003	2900		32
	2 900	GMWM	DCW	@}@	1	2900	2000	GMARK	33
344	2 200	GITIVITI	ORG	201	1	2300	0201	JUMIN	23
345	203		DSA	LOADDD LOAD ADDRESS FOR CARD-TO-TAPE PROGRAM	3	0203	122		34
346	200		EX	BEGINN	3	5205	B   22		35
347			END				/ 000 080		
-									

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SYMBOL ADDRESS BEGINN 1022 CLRTAB 1453 KP1 1826 MORE 1134 NOROOM 1295 TABCNT 2003 W3 1810	SYMBOL BIGFLG DONE KP3 MORE2 PHASID TABIXS	ADDRESS 1807 1647 1827 1213 110 1799 89	SYMBOL CDOVLY GM KP30 MORE3 POUND TABLEN X1999	ADDRESS 769 1806 1829 1258 1811 1822 1802	SYMBOL CLEARL GMMSG LOADDD MOVED PREFIX TOOBIG X2	ADDRESS 707 1839 1022 1366 1820 1688 94	SYMBOL CLR GMWM LOADNX MOVEUP SAVE TOPCOR X3	ADDRESS 1422 2900 700 1329 1104 688 99	SYMBOL CLRBOT HALT LOADXX MSG2 SNAPSH TPREAD X3999	ADDRESS 833 1718 793 1875 333 780 1805	SYMBOL CLRFIN KB3 LOOP NOCLR SX2 TYPTAB ZONFIN	ADDRESS 1486 1825 1063 1442 1161 840 1599