

TAPE STAFFS

<<<<<<<

3	000000	
4	000000	ENT ALL1,S
5	000000	ENT ASIGHL
6	000000	ENT BLANKS
7	000000	ENT CATCO-
8	000000	ENT CATTAB
9	000000	ENT CLFBIT
10	000000	ENT CLRSEC
11	000000	ENT CLOSE+
12	000000	ENT CLRERF
13	000000	ENT CONLO+
14	000000	ENT DATAOK
15	000000	ENT ER59D
16	000000	ENT ER72D
17	000000	ENT ERFLAG
18	000000	ENT FIL377
19	000000	ENT GETBU!
20	000000	ENT GETCNT
21	000000	ENT GETNAM
22	000000	ENT GET#1
23	000000	ENT GET#1+
24	000000	ENT LENCHK
25	000000	ENT LPPOINT
26	000000	ENT NPTC+5
27	000000	ENT ONEBCM
28	000000	ENT PENDIN
29	000000	ENT PPOINT
30	000000	ENT R#COMN
31	000000	ENT R#COM+
32	000000	ENT SBYTE
33	000000	ENT SECNA+
34	000000	ENT SECUR+
35	000000	ENT SETFER
36	000000	ENT SETF#
37	000000	ENT TAPEXT
38	000000	ENT WREOR
39	000000	

>>>>		EXTERNALS	<<<<<<<				
41	000000						
42	000000	EXT	CONBIN				
43	000000	EXT	EMOVDN				
44	000000	EXT	ERROR				
45	000000	EXT	FORMN+				
46	000000	EXT	ONEB				
47	000000	EXT	RELMEM				
48	000000						

COMMON CODES

<<<<<<<<

000000						
51 000000			CATCO-	BSS	0	
52 000000	154	250	007	LDB	R54,=7	8 BYTE FIELD
53 000033	170	223		CLM	R70	
54 000055	171	210		ICB	R71	
55 000007	176	054	240	LDB	R76,R54	
56 000012	155	223		CLM	R55	CLEAR 55-57
57 000014	316	377	377	JSB	=CONBIN	R36 BIN TO R40 FLOAT
58 000017	166	223		CLM	R66	
59 000021	316	377	377	JSB	=FORMN+	
60 000024	230			BIN		
61 000025	136			DRP	36	
62 000026	066			APP	6	
63 000027	236		TAPEXT	RTN		
64 000030						
65 000030						
66 000030			CLOSE+	BSS	0	
67 000030	165	251	034	LDM	R65,=34,1,0	BUFFER LENGTH
68 000033	001	000				
69 000035	155	261	310	LDMD	R55,=PTR1	SAVE PROGRAM PTR
70 000040	377					
71 000041	006	345		PUMD	R55,+R6	
72 000043	261	053	210	LDMD	R55,=CURLOC	CURRENT BUFFER
73 000046	263	314	377	STMD	R55,=PTR2	PTR2 = SINK ADDR
74 000051	065	303		ADM	55,R65	
75 000053	263	310	377	STMD	R55,=PTR1	PTR1 = SOURCE ADDR
76 000056	145	261	025	LDMD	45,=LAVAIL	LAST ELEMENT TO MOVE
77 000061	200					
78 000062	055	305		SBM	45,R55	R45 = AMOUNT TO MOVE
79 000064	316	377	377	JSB	=EMOYDN	CLOSE BUFFER BY MOVE
80 000067	175	261	030	LDMD	R75,=CALVRB	ADJUST CALVRB PTR
81 000072	200					
82 000073	065	305		SBM	R75,R65	
83 000075	263	030	200	STMD	R75,=CALVRB	
84 000100	261	025	200	LDMD	R75,=LAVAIL	ADJUST LAVAIL PTR
85 000103	305			SBM	R75,R65	
86 000104	263	025	200	STMD	R75,=LAVAIL	
87 000107	250	012		LDB	75,=ASNLEN	# OF ENTRIES
88 000111	136	251	125	LDM	36,=ASNTBL	ADDR OF ASSIGN TABLE
89 000114	200					
90 000115	146	271	006	LDMD	R46,=CURASH	CUR BUFFER OFFSET
91 000120	207					
92 000121	156	036	245 HXTP01	LDMD	56,R36	LOAD ENTRY
93 000124	364	014		JNG	BGRSOK	JIF CLOSED
94 000126	046	301		CMM	R56,R46	COMPARE W CURRENT
95 000130	372	010		JNC	BGRSOK	JIF BUFF BEFORE CUR
96 000132	366	004		JNZ	HXT2	JIF NOT CURRENT
97 000134	223			CLM	R56	CLOSE CURRENT ENTRY
98 000135	213			DCM	R56	NEG MEANS CLOSED
99 000136	360	002		JMP	BGRSOK	
000140			HXT2	DRP	156	
000140	065	305		SBM	R56,R65	ADJUST OFFSET OF BUFF
000142			BGRSOK	DRP	156	

ITEM	LOC	OBJECT CODE	SRC=LOTAPE	OBJ=GEZTAP	9/11/1981	11:36 AM	PG 4
=====							
COMMON CODES							
97	000142	036 345	PUMD R56,+R36	CONTINUE PAST			
98	000144	175 212	DCB 75	DEC. COUNT			
99	000146	266 351	JNZ HXTP01	JIF MORE BUFFERS			
100	000150	006 343	PUMD R#,-R6				
101	000152	263 310 377	STMD R#,-PTR1				
102	000155	236	RTN				
103	000156						
104	000156		GETNAM BSS 0	*CAUTION*****			
105	000156	230	BIN	COULD DESTROY R50-7			
106	000157	100 250 042	LDB R0,=42	NAME STORED IN R42-47			
107	000162	175 012 343	PUMD R75,-R12	ADDR OF NAME			
108	000165	263 314 377	STMD R75,-PTR2				
109	000170	132 343	PUMD 32,-R12	LENGTH OF NAME			
110	000172	367 041	JZR YUKNAM	ZERO NO GOOD			
111	000174	311 007 000	CMM R32,=7,0	LENGTH >= SEVEN?			
112	000177	372 003	JNC NAMLOP	JIF NO			
113	000201	251 006 000	LDM R#,-6,0	PICK OFF ONLY SIX			
114	000204	101 270 315 NAMLOP	LDBI R#,-PTR2-	LOAD NAME BYTE			
115	000207	377					
116	000210	100 211	ICM R0	POINT TO NEXT REG			
117	000212	132 213	DCM R32	DEC COUNT			
118	000214	266 366	JNZ NAMLOP	JIF MORE			
119	000216	101 251	OCT 101,251	PAD WITH BLANKS			
119	000220	040 040 040 BLANKS	OCT 40,40,40,40,40,40				
119	000223	040 040 040					
120	000226	040 040	OCT 40,40				
121	000230	142 263 331	STMD R42,-SAVNAM	STORE NAME			
121	000233	203					
122	000234	236	RTN				
123	000235	316 377 377 YUKNAM	JSB =ERROR				
124	000240	122	OCT 820	NO NAME			
125	000241	316 110 001	JSB =TERRNO				
126	000244	236	RTN				
127	000245						
128	000245		ONEBCM BSS 0				
129	000245	230	BIN				
130	000246	316 264 002	JSB =ERFLAG	CREATE ERROR FLG PTR			
131	000251	270 316 377	LDBI R#,-PTR2+	GET ERROR VALUE & ADVANC			
132	000254	367 007	JZR DATAOK	JIF NO ERROR			
133	000256		ER72D BSS 0				
134	000256	316 377 377	JSB =ERROR				
135	000261	110	OCT 720				
136	000262	316 110 001	JSB =TERRNO				
137	000265		DATAOK BSS 0				
138	000265	223	CLM R#				
139	000266	270 314 377	LDBI R#,-PTR2	PHYSICAL PTR ADDR REL			
140	000271	054 242	STB R#,R54	SAVE FOR LATER			
141	000273	323 053 210	ADMD R#,-CURLOC	ADD TO ABS. CURLOC			
142	000276	313 034 000	ADM R#,-34,0,0	GO PAST HEADER			
142	000301	000					
143	000302	263 314 377	STMD R#,-PTR2	ABS. ADDR TO DATUM			
144	000305	132	ORP 32				
145	000306	236	RTN				

COMMON CODES

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147	000307					GET#1	BSS	0		
148	000307	316	377	377			JSB	=ONE3	GET BINARY NUMBER	
149	000312	146	221				TSM	R46		
150	000314	366	007				JNZ	NUMOK	ZERO NO GOOD	
151	000316	316	377	377		BAD#	JSB	=ERROR		
152	000321	131					OCT	29D		
153	000322	316	110	001			JSB	=TERRNO		
154	000325					NUMOK	BSS	0		
155	000325	311	013	000			CMM	R#,,=13,0	>= 11 BAD!	
156	000330	373	364				JCY	BAD#		
157	000332					GET#1+	BSS	0		
158	000332	213					DCM	R#	DEC TO GET 0-9	
159	000333	205					LLM	R#		
160	000334	313	125	200			ADM	R#,,=ASNTBL	BUFFER ENTRY	
161	000337	263	006	207			STMD	R#,,=CURASN	STORE AS CUR ASSIGN ELEM	
162	000342	166	046	245			LDMD	R66,R46	LOAD OFFSET	
163	000345	364	013				JNG	QUIT	JIF CLOSED	
164	000347	065	243				STM	R66,R65		
165	000351	167	222				CLB	R67		
166	000353	165	323	033			ADMD	R65,,=RTNSTK	MAKE PTR ABSOLUTE	
166	000356	200								
167	000357	263	053	210			STMD	R65,,=CURLOC	STORE AS CUR LOCATION	
168	000362	236				QUIT	RTN			
169	000363									
170	000363									
171	000363									
172	000363					SETF#	BSS	0		
173	000363	235					CLE			
174	000364					*	LDMD	R65,,=CURLOC	CURLOC ASSIGN	
175	000364					*	ADM	R65,,=5,0,0	OFFSET FOR FILE#	
176	000364					*	STMD	R65,,=PTR2	STORE	
177	000364	316	264	002			JSB	=ERFLAG		
178	000367	132	270	315			LDBI	R32,,=PTR2-	GET FILE #	
178	000372	377								
179	000373	365	001				JFS	R46OK	NO SOFT PROTECT	
180	000375	234					ICE		NOTE SOFT PROTECT	
181	000376	317	177	000		R46OK	ANN	R#,,=177,0	ISOLATE FILE #	
182	000401	263	145	210			STMD	R#,,=CURFIL	SET FILE #	
183	000404	236					RTN			
184	000405									
185	000405					CLRSEC	BSS	0		
186	000405	130	223				CLM	R30		
187	000407	360	004				JMP	BUF26		
188	000411					FIL377	BSS	0		
189	000411	130	251	377			LDM	R30,,=377,0	1'S,256 COUNT	
189	000414	000								
190	000415	126	251	200		BUF26	LDM	R26,,=RECBUF	ADDR OF BUFFER	
190	000420	205								
191	000421					ALL1.S	BSS	0		
192	000421	130	026	344			PUBD	R30,,+R26	PUSH 30	
193	000424	131	212				DCB	R31	DOWN COUNT	
194	000426	366	371				JNZ	ALL1.S	JIF MORE	

ARMA 03/14/81=====

EM LOC OBJECT CODE SRC=LOTAPE OBJ=CENTAP 9/11/1981 11:36 AM PG 6

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>>>> COMMON CODES

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195 000430 236

RTH

196 000431

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ARMA 03/14/81=====
ITEM LOC OBJECT CODE SRC=LOTAPE OBJ=QEXTAP 9/11/1981 11:36 AM PG 7
=====
>>> LENGTH CHECK FOR READ#,PRINT# <<<<<<<<
1 000431 LENCHK BSS 0
199 000431 316 323 002 JSB =LPOINT GET LOGICAL PTR ADDR
200 000434 166 271 316 LDHI R66,=PTR2+ LOAD VALUE
200 000437 377
201 000440 076 243 STM R66,R76 STORE FOR LATER
202 000442 323 056 210 ADMD R66,=DATLEN ADD DATA LENGTH
203 000445 *****
204 000445 * IF PREVIOUS ADD SETS CARRY FLAG, THEN IT AUTOMATIC-
205 000445 * ALLY OVERFLOWS THE LARGEST LOGICAL RECORD. SAVE *
206 000445 * THE STATUS, LOAD NECESSARY INFO, RESTORE STATUS *
207 000445 * AND TEST FOR THIS CONDITION *
208 000445 *****
209 000445 232 SAD SAVE STATUS
210 000446 152 271 314 LDHI R52,=PTR2 R56=BYTES/REC VALUE
210 000451 377
211 000452 237 PAD RESTORE STATUS
212 000453 373 016 JCY DOCHK JIF OVF LARGEST LOG REC
213 000455 156 066 301 CMM R56,R66 TOO BIG TO FIT
000460 372 011 JNC DOCHK JIF YES, RANDOM OVF?
215 000462 366 344 RNZ RTN IF DIDN'T HIT BOUNDARY
216 000464 * FOLLOWING CHECK PUT IN TO KEEP A NULL STRING FROM
217 000464 * BEING PRINTED IN THE LAST THREE BYTES OF A LOGICAL
218 000464 * RECORD. OTHERWISE READ# WILL NEVER FIND IT.
219 000464 * LDMD R26,=DATLEN NULL STRING?
220 000464 * IF PRINT# numeric - R26=10, READ# numeric/string -
221 000464 * R26=4, PRINT# string - R26=data length.
( ) 000464 126 311 004 CMM R26,=4,0
222 000467 000
223 000470 156 DRP 56
224 000471 373 335 RCY RTN IF NOT A NULL STRING
225 000473 DOCHK BSS 0
226 000473 100 260 177 LDBD R0,=RANDOM RANDOM?
226 000476 200
227 000477 366 003 JNZ ER69D JIF YES!
228 000501 156 220 TSB R56 CLR CARRY FLAG
229 000503 236 RTN
230 000504 316 377 377 ER69D JSB =ERROR DATA TOO LONG FOR
000507 105 OCT 69D SPECIFIED FILE
231 000510 TERRNO BSS 0
233 000510 130 222 CLB R30
234 000512 262 331 203 T+ STBD R#,=SCRTYP FLAG NO SCRATCH
235 000515 106 261 066 LDMD R6,=SAVER6 RESET R6
235 000520 210
236 000521 DCPAD BSS 0
237 000521 236 RTN
238 000522

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ARNA 03/14/81=====
ITEM   LOC   OBJECT CODE  SRC=LCTAPE OBJ=GEXTAP  9/11/1981 11:36 AM  PG  9
=====
>>>> PRINT#,READ# OVERHEAD                                     <<<<<<<<
000537          SETFER  BSS  0
250 000537 137 250 200      LDB  R37,=200
251 000542 316 264 002      JSB  =ERFLAG          GET ERROR FLG ADDR
252 000545          ORP  165
253 000545 270 314 377      LDBI R65,=PTR2          GET VALUE
254 000550 037 224          ORB  R65,R37
255 000552 272 314 377      STBI R65,=PTR2          RESTORE
256 000555 236          RTN
257 000556
258 000556          CLRERF  BSS  0
259 000556 316 264 002      JSB  =ERFLAG          CLEAR ERROR FLG
260 000561 136 222          CLB  R36
261 000563 272 314 377      STBI R36,=PTR2
262 000566 236          RTN
263 000567
264 000567          CLFBIT  BSS  0
265 000567 316 264 002      JSB  =ERFLAG          CLEAR MSB
266 000572 132 270 314      LDBI R32,=PTR2
267 000575 377
268 000576 204          LLB  R32
269 000577 206          LRB  R32
270 000600 272 314 377      STBI R32,=PTR2          RESTORE FLAG
271 000603 260 174 200      LDBD R32,=DATUM          RESTORE R32 FOR READ
272 000606 236          RTN
273 000607          WREOR  BSS  0
274 000607 316 264 002      JSB  =ERFLAG          MOVE EOR ALONG
275 000612 270 316 377      LDBI R#,=PTR2+
276 000615 266 031          JNZ  WDUNN
277 000617 163 271 314      LDMJ R63,=PTR2          JIF RANDOM BIT
278 000622 377          R66=L PTR VALUE
279 000623 166 221          TSM  R66
280 000625 267 021          JZR  WDUNN
281 000627 165          ORP  65          OR FILE OVF
282 000630 316 265 000      JSB  =DATAOK
283 000633 250 357          LDB  R#,=EOR          COMPUTE ADDR
284 000635 272 314 377      STBI R#,=PTR2          STORE EOR
285 000640 316 300 002      JSB  =PENDIN          GET PENDING BIT
286 000643 250 001          LDB  R#,=1
287 000645 272 314 377      STBI R#,=PTR2
288 000650 236          WDUNN  RTN
289 000651          EOR      EQU  357
290 000651 316 377 377 R#COMN JSB  =RELMEM          RELEASE PREVIOUS MEM
291 000654 316 245 000 R#COM+ JSB  =ONE8CM          COMMON CODE
292 000657 270 314 377      LDBI R#,=PTR2          GET BYTE
293 000662 210          ICB  R#          0 IF EOF
294 000663 266 007          JNZ  NOTEOF          JIF NOT EOF
295 000665 316 377 377      JSB  =ERROR
296 000670 107          OCT  71D          READ ON EOF
297 000671 316 110 001      JSB  =TERRNO
298 000674 236          NOTEOF RTN
299 000675

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>>>> PRINT#,READ# OVERHEAD
300 000675          SECNA+ BSS 0
301 000675 147 260 174      LDBD R47,=SEC#      SECURE #
301 000700 200
302 000701 310 002          CMB R47,=2          WORK ON DIRECTORY
303 000703 232              SAD                  SAVE STATUS
304 000704 216              NCB R47              IF 2,3 GET 2,1
305 000705 317 003          ANM R47,=3
306 000707 210              ICB R47
307 000710 237              PAD                  RESTORE STATUS
308 000711 236              RTN
309 000712
310 000712          NPTC+5 BSS 0
311 000712 316 167 001      JSB =CLF8IT        CLR FILE BIT
312 000715 316 300 002      JSB =PENDIN        CLR PENDING
313 000720 222              CLB R#
314 000721 272 314 377      STBI R#,,=PTR2
315 000724 236              RTN
316 000725
317 000725          *****
318 000725          * R0 => SECURITY MASK          *
319 000725          * R36 => BEGINNING OF BINARY HEADER      *
320 000725          *****
321 000725          SECUR+ BSS 0
322 000725 131 036 264      LDBD R31,X36,P.SFLC
322 000730 025 000
323 000732 000 307          ANM R31,R0
324 000734 367 006          JZR NOSCUR          JIF NOT SECURED
325 000736 316 377 377      JSB =ERROR
326 000741 026              OCT 220
327 000742 235              CLE
328 000743 234              ICE
329 000744 236              NOSCUR RTN
330 000745
331 000745          GETBU! BSS 0
332 000745 235              CLE
333 000746 122 222          CLB R22
334 000750 120 260 271      LDBD R20,=FILTY
334 000753 203
335 000754 310 020          CMB R20,=DATATY    IS FILE DATA TYPE
336 000756 367 106          JZR CREATG          JIF YES
337 000760 310 010          CMB R20,=SPGMTY
338 000762 367 044          JZR GETBUB          JIF BINARY PRGM
339 000764 165 261 250      LDMD R65,=LSTDAT
339 000767 203
340 000770 321 245 203      CMMD R65,=HXTDAT    IS LSTDAT>=HXTDAT?
341 000773 373 032          JCY NO.ICE          JIF YES,STORE NO MORE
342 000775 145 261 245      LDMD R45,=HXTDAT
342 001000 203
343 001001 263 314 377      STMD R45,=PTR2      PTR2 =START OF REC
344 001004 315 000 001      SBM R45,=0,1,0      SET PTR TO NEXT REC
344 001007 000
345 001010 263 245 203      STMD R45,=HXTDAT    STORE FOR NEXT PASS
346 001013 165 045 331      CMMD R65,R45        WENT PASS LSTDAT?

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CARNA 03/14/81=====
ITEM    LOC    OBJECT CODE  SRC=LOTAPE OBJ=GENTAP  9/11/1981 11:36 AM  PG 11
=====
>>>>      PRINT#,READ# OVERHEAD      <<<<<<<<
348 001016 372 006      JNC DO,ICE      JIF NO
349 001020 241      LDM R65,R45      GET DIFFERENCE
349 001021 325 250 203      SBMD R65,=LSTDAT
350 001024 022 242      STOR22 STB R#,R22      STORE
351 001026 234      DO,ICE ICE      FLAG O.K. TO STORE
352 001027 236      NO,ICE RTN
353 001030
354 001030 165 261 250 GETBUS      LDMD R65,=LSTDAT      FOR BINARY
354 001033 203
355 001034 145 261 245      LDMD R45,=HXDAT
355 001037 203
356 001040 065 301      CMM R45,R65      NXTDAT>=LSTDAT?
357 001042 373 363      JCY NO,ICE      JIF YES
358 001044 263 314 377      STMD R45,=PTR2      PTR2=START OF REC
359 001047 313 000 001      ADM R45,=0,1,0      SET PTR TO NEXT REC
359 001052 000
360 001053 263 245 203      STMD R45,=NXTDAT      STORE FOR NEXT PASS
361 001056 301      CNM R45,R65      GO PAST LSTDAT?
362 001057 372 345      JNC DO,ICE      JIF NO
363 001061 165 045 305      SBM R65,R45      GET DIFFERENCE
364 001064 260 336      JMP STOR22      JMP TO STORE
365 001066
366 001066      CREATG BSS 0
367 001066 146 261 276      LDMD R46,=CR.CNT      GET COUNT
367 001071 203
368 001072 367 013      JZR E0      JIF DONE
369 001074 213      DCM R46      DEC COUNT
370 001075 263 276 203      STMD R46,=CR.CNT
371 001100 156 251 200      LDM R56,=RECBUF      SET FOR STORE
371 001103 205
372 001104 234      ICE
373 001105 122 223      CLM R22
374 001107 236      E0 RTN
375 001110      GETCNT BSS 0
376 001110 132 261 276      LDMD R32,=CR.CNT      DATA FILE COUNT
376 001113 203
377 001114 130 260 271      LDBD R30,=FILTYP      FOR CREATE OR STORE
377 001117 203
378 001120 310 020      CMB R30,=DATATY
379 001122 367 033      JZR DACHT
380 001124 310 010      CMB R30,=BPGMTY
381 001126 266 011      JNZ SWITCH
382 001130 145 261 250      LDMD R45,=LSTDAT      COMPUTE PRGM LENGTH
382 001133 203
383 001134 325 245 203      SBMD R45,=NXTDAT      FOR BINARY
384 001137 260 007      JMP GETCN+
385 001141 145 261 245 SWITCH      LDMD R45,=NXTDAT      COMPUTE PRGM LENGTH
385 001144 203
386 001145 325 250 203      SBMD R45,=LSTDAT      FOR BASIC
387 001150 220      GETCN+ TSB R#
388 001151 146      DRP 46      IN RECORDS
389 001152 367 001      JZR ZERO32
390 001154 211      ICM R#

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>>>> PRINT#,READ# OVERHEAD
391 001155 032 243 ZERO32 STM R#,R32
392 001157 * CLB R#
393 001157 236 DACNT RTN
394 001160
395 001160 CATTAB BSS 0
396 001160 052 052 052 ASC 24,***-8PGMDATAPROGNUL
396 001163 052 102 120
396 001166 107 115
397 001170 104 101 124
397 001173 101 120 122
397 001176 117 107
398 001200 116 125 114
398 001203 114
399 001204
400 001204 COMLO+ BSS 0
401 001204 136 223 CLM R36 COUNTER
402 001206 145 032 305 LOGLUP SEM R45,R32 DECR BYTE COUNT
403 001211 372 007 JNC LOGDUN JIF DONE
404 001213 136 211 ICM R36 INC COUNTER
405 001215 361 367 JNO LOGLUP JIF NO OVF
406 001217 251 377 177 LDM R36,=377,177 FORCE 32767
407 001222 236 LOGDUN RTN
408 001223
409 001223
410 001223
411 001223
412 001223
413 001223
414 001223
415 001223 ASIGNL BSS 0
416 001223 170 222 CLB R70 FLG FOR 1ST BUFF
417 001225 165 261 033 LDMD R65,=RTNSTK ASSIGN BUFF BASE
417 001230 200
418 001231 175 250 012 LDB R75,=ASNLEN # OF ENTRIES
419 001234 176 251 125 LDM R76,=ASNTBL ADDR OF ASSIGN
419 001237 200
420 001240 146 076 341 NXTPOP POMD R46,+R76 GET BUFFER
421 001243 364 007 JNG NOAD JIF CLOSED
422 001245 170 220 TSB R70 1ST BUFFER FOUND?
423 001247 367 010 JZR INC1 JIF NO
424 001251 165 055 303 ADM R65,R55 BUMP COUNT 434 BYTES
425 001254 175 212 NOAD DCB R75 DEC ENTRIES #
426 001256 366 360 JNZ NXTPOP JIF MORE
427 001260 236 RTN
428 001261 210 INC1 ICB R# NULL FLAG
429 001262 760 370 JMP NOAD CONTINUE
430 001264
431 001264
432 001264
433 001264 165 261 053 ERFLAG LDMD R65,=CURLOC SET PTR TO ERROR
433 001267 210
434 001270 313 006 000 ADM R65,=6,0,0 FLAG OF CURRENT
434 001273 000

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***** MISC. ASSIGN BUFFER FLAGS*****

>>>>		PRINT#,READ#	OVERHEAD		*****
001274	263 314 377	STMD R65,=PTR2		BUFFER	
436 001277	236	RTH			
437 001300					
439 001300	316 307 002 PENDIN	JSB =PPPOINT		SET PTR TO PENDING	
439 001303	271 315 377	LDMI R#,,=PTR2-		FLAG OF CURRENT	
440 001306	236	RTH			
441 001307					
442 001307	165 261 053 PPOINT	LDMD R65,,=CURLOC		SET TO PHYSICAL PTR	
442 001312	210				
443 001313	313 007 000	ADM R65,,=7,0,0		LOCATION	
443 001316	000				
444 001317	263 314 377	STMD R65,,=PTR2			
445 001322	236	RTH			
446 001323					
447 001323	175 261 053 LPOINT	LDMD R75,,=CURLOC		SET TO LOGICAL PTR	
447 001326	210				
448 001327	313 012 000	ADM R75,,=12,0,0		LOCATION	
448 001332	000				
449 001333	263 314 377	STMD R75,,=PTR2			
450 001336	236	RTH			
451 001337		FIN			

ALLI.S	000421	ENT	2
ANL	001223	ENT	1
ASSEN	000012	G EQU	2
ASNTBL	100125	G DAD	3
BAD#	000316	LCL	1
BGRSOK	000142	LCL	3
BLANKS	000220	ENT	1
BPGMTY	000010	G EQU	2
BUF26	000415	LCL	1
CALVRB	100030	G DAD	2
CATCO-	000000	ENT	1
CATTAB	001160	ENT	1
CLFBIT	000567	ENT	2
CLOSE+	000030	ENT	1
CLRERF	000556	ENT	1
CLRSEC	000405	ENT	1
COMLO+	001204	ENT	1
CONBIN	177777	EXT	1
CR.CNT	101676	G DAD	3
CREATG	001066	LCL	1
CWDASH	103406	G DAD	2
CWIL	104145	G DAD	1
CURLOC	104053	G DAD	6
DACNT	001157	LCL	1
DATACK	000265	ENT	3
DATATY	000020	G EQU	2
DATLEN	104056	G DAD	1
DATUM	100174	G DAD	1
DO.ICE	001026	LCL	2
DOCHK	000473	LCL	2
DOPAD	000521	LCL	0
EO	001107	LCL	1
EMOVDN	177777	EXT	1
EOR	000357	EQU	1
ER69D	000504	ENT	2
ER72D	000256	ENT	1
ERFLAG	001264	ENT	7
ERROR	177777	EXT	6
FIL377	000411	ENT	1
FT.TYP	101671	G DAD	2
FL.N+	177777	EXT	1
GET#1	000307	ENT	1
GET#1+	000332	ENT	1
GETBU!	000745	ENT	1
GETBUS	001030	LCL	1
GETCN+	001150	LCL	1
GETCNT	001110	ENT	1
GETNAM	000156	ENT	1
INC1	001261	LCL	1
LAVAIL	100025	G DAD	3
LENCHK	000431	ENT	1
LOGDUN	001222	LCL	1
LOGLUP	001206	LCL	1
LPOINT	001323	ENT	2

<--- NOT REFERENCED??

PARMA 03/14/81=====				
SYMBOL	VALUE	TYPE	COUNT	Symbol Table
9/11/1981 11:36 AM PG 15				
STOAT	101650	G DAD	5	
OP	000204	LCL	2	
CE	001027	LCL	2	
OAD	001254	LCL	2	
OSCUR	000744	LCL	1	
OTEOF	000674	LCL	1	
PTC+5	000712	ENT	1	
UMOK	000325	LCL	1	
XT2	000140	LCL	1	
XTDAT	101645	G DAD	7	
XTPO1	000121	LCL	1	
XTPOP	001240	LCL	1	
NEB	177777	EXT	1	
NEBCM	000245	ENT	2	
SFLC	000025	G EQU	1	
PENDIN	001300	ENT	3	
POINT	001397	ENT	2	
TR1	177710	G DAD	3	
TR2	177714	G DAD	20	
TR2+	177716	G DAD	3	
TR2-	177715	G DAD	3	
UJ	000362	LCL	1	
#COM+	000654	ENT	1	
#COMN	000651	ENT	1	
460K	000376	LCL	1	
RANDOM	100177	G DAD	1	
RECBUF	102600	G DAD	2	
RELMEM	177777	EXT	1	
RT YTK	100033	G DAD	2	
ALR6	104066	G DAD	1	
AVNAM	101731	G DAD	1	
3BYTE	000522	ENT	1	
3ORTYP	101731	G DAD	1	
SEC#	100174	G DAD	2	
SECNA+	000675	ENT	1	
SECUR+	000725	ENT	1	
SETF#	000363	ENT	1	
SETFER	000537	ENT	1	
3RTH	000536	LCL	1	
3TOR22	001024	LCL	1	
3V	001141	LCL	1	
+	000512	LCL	0	<--- NOT REFERENCED??
TAPEXT	000027	ENT	1	
TERRNO	000510	LCL	4	
3DUNH	000650	LCL	2	
3REOR	000607	ENT	1	
YUKNAM	000235	LCL	1	
3ERO32	001155	LCL	1	
3tn001	000430	LCL	2	

TAPE STAFFS	1
EXTERNALS	2
MON CODES	3
LENGTH CHECK FOR READ#,PRINT#	7
SECURITY BYTE BUILDER	8
PRINT#,READ# OVERHEAD	9

LC TAPE HAD 0 ERRORS 0 WARNINGS 103 LABELS LAST ERROR AT 0