

LOCTR OBJECT TEXT STMT SOURCE STATEMENT COPYRIGHT IBM CORP 1976
00147E 3 C3804 START 5246
4 *****
5 *
6 * *** PREREQUISITES ***
7 *
8 * REMOTE DISPLAY STATION ATTACHED
9 * LEVEL 4 PROCESSOR
10 *
11 *****
12 *
13 * *** MODIFICATIONS ***
14 *
15 * NONE
16 *
17 *****
18 *
19 * *** REA'S INCORPORATED ***
20 *
21 * NONE
22 *
23 *****
24 *
25 * *** SPECIAL INSTRUCTIONS ***
26 *
27 * NONE
28 *
29 *****
30 *
31 * *** E. C. HISTORY ***
32 *
33 * DATE 15JAN79 DATE DATE DATE
34 * E.C. 375147 E.C. E.C. E.C.
35 *
36 *****
37 *
38 *****
39 *
40 * SYSTEM EQUATES
41 *
42 *****
43 SM EQU 1 SUMMARY MASK DISABLE OR
44 * ENABLE CODE
45 *****
46 *
47 * EQUATED NAMES FOR SUPPORTED SVC'S
48 *
49 *****
50 OUT EQU 0 OUT SVC
51 IDLE5 EQU 3 TIMED DELAY
52 HTOE EQU 26 HEX TO EBCDIC SVC (STRING)
53 *****
54 *****
55 *
56 * EQUATES USED BY DCP
57 *
58 *****
59 STOP EQU 6 STOP APTER MSG OUT
60 ALTDV EQU 7 ALTERNATE OUTPUT DEV ASSIGNED
61 RTMDI EQU 11 MDI RETURN REQUESTED
62 ENT EQU 241 ENTER AID VALUE
63 ATT EQU 242 ATTENTION AID VALUE
64 HLP EQU 243 PROGRAM FUNCTION - HELP AID VALUE
65 SUBAD EQU 587 ADDRESS FOR CONSOLE SUB ADDRESS
66 DCP07 EQU 588 ADDRESS FOR INVALID REQUEST MSG
67 DUMPY EQU 5232 ECP ADDRESS FOR DUMP STORAGE EXIT
68 SIXSC EQU 11894 SIX SECOND DELAY CONSTANT
69 EBBK EQU C' ' BLANK CHAR
70 ONE EQU 1 VALUE OF 0
71 ZERO EQU 0 1
72 TWO EQU 2 2
73 THREE EQU 3 3
74 FOUR EQU 4 4
75 SEVEN EQU 7 7
76 NINE EQU 9 9
77 TWNTY EQU 20 20
78 SIXTY4 EQU 64 64
79 SIXTY6 EQU 66 66
80 SEVNB EQU 68 68
81 M1 EQU -1 -1
82 M30 EQU -30 -30
83 *****
84 *****
85 *****
86 *****
87 *****
88 *****
89 *****
90 *
91 * EQUATES FOR CODED STOPS USED BY DCP
92 * (NORMAL AND ERROR)
93 *
94 *****
95 ACNG EQU X'3801' ALTERNATE CONSOLE ERROR
96 *****
97 *****
98 *
99 * THE FOLLOWING EQUATES ARE THE DISPLACEMENTS FROM THE
100 * START OF A QUE BLOCK OF THE VARIOUS INFORMATION.
101 *
102 *****
103 QR7 EQU 20 XR7 OF CALLING PROGRAM
104 QSVK EQU 22 SVC NUMBER OF CALLING PROGRAM
105 *****
106 *****
107 *
108 * THE FOLLOWING AREA CONTAINS THE CODE AND CONSTANTS REQUIRED
109 * BY THE ALTERNATE CONSOLE ROUTINE WHICH WILL BE READ INTO
110 * STORAGE AS OVERLAYS.
111 *
112 *****
113 *
114 * THIS INSTRUCTION WILL OVERLAY THE DUMP STORAGE ROUTINE IN
115 * DCP AND ECP AND CAUSE THE DUMP STORAGE ROUTINE TO INDICATE
116 * AN INVALID REQUEST TO THE USER THE MESSAGE 'INV REQ' WILL
117 * BE PRESENTED.
118 *
119 *****
120 *
121 * BAL DCP07*,R6 OUTPUT 'INV RFO' MESSAGE
122 * DCP NOT RETURN - GO TO SCHEDULER
123 * ECP RETURN HERE AFTER MESSAGE
124 * B DUMPY RETURN POINT FOR ECP CONTROL
125 DSEND EQU *

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126 *
127 *****
128 *
129 *
130 * NAME DSPLY
131 *
132 * PURPOSE THIS ROUTINE STARTS PRINTING ON THE REMOTE DISPLAY
133 * STATION WHAT IS PASSED TO THE ALTERNATE CONSOLE.
134 *
135 * METHOD THIS ROUTINE IS CALLED BY AN SVC. IT APPENDS THE
136 * PROGRAM ID ON THE FRONT OF EACH MESSAGE PASSED.
137 *
138 * CALLING SEQUENCE
139 * XR7 POINTS TO LABEL
140 *
141 * SVC OUT
142 *
143 * LABEL DC A (ADDR) START ADDR OF DATA TO PRINT
144 *
145 * THE BYTE IMMEDIATELY PRECEDING THE LABEL IS CHECKED.
146 * BIT 0 = 0 - PRINT HEADER.
147 * 1 - DON'T PRINT HEADER WITH THIS MESSAGE.
148 * BIT 1 = 0 - INFORMATION MESSAGE
149 * 1 - ERROR MESSAGE
150 *
151 * THE SVC 'OUTIN' ALSO ENTERS THIS ROUTINE.
152 *
153 *****
154 DSPLY EQU *
155 MVB R1,PRTSW SET PRINT BUSY
156 MVB R1,RLSW T/ON NEW LINE SWITCH
157 MVBZ ACPCS,R0 RESET MESSAGE PROCESSED SWITCH
158 J DS01 OUTPUT MESSAGE
159 *****
160 *****
161 *
162 * THIS ROUTINE HANDLES INTERRUPTS FROM THE DISPLAY STATION
163 *
164 *****
165 DS00 EQU *
166 DIS SM DISABLE INTERRUPTS
167 BNCC THREE,DS70 ER/IF NOT DEV END INT
168 *
169 DS01 EQU *
170 MVA DSNG,ERROR SET CORRECT ERROR ADDRESS FOR RETRY
171 MVB PRTSW,R1 GET ADDR QUE BLOCK
172 MVBZ RPSW,R3 GET DIAGNOSTIC PROGRAM DATA ADDR
173 MVBZ ACWCT,R0 READ STATION STATUS
174 BNZ DS80 BR/YES - PROCESS IT
175 MVBZ ACMS,R0 READ DISPLAY IN PROGRESS AND CLEAR
176 BNZ DS91 BR/YES - PROCESS INPUT
177 MVB ACPCS,R4 MESSAGE BEEN PROCESSED
178 JNZ DS30 PF/YES
179 *
180 DS10 EQU *
181 MVB EBK,R0 INITIAL BLANK FOR BUFFER
182 MVB SEVNB,R7 LENGTH OF BUFFER
183 MVA PRTRU,R4 ADDR PRINT BUFFER
184 PFN R0,(R4) ZERO OUT BUFFER
185 MVB PRM,R0 PRINT BLANK LINE AFTER ENTER
186 JNZ DS24 BR/IF YES
187 MVBZ NLSW,R0 NEW LINE SW ON-IF SO TURN OFF
188 JZ DS20 BR/IF NOT
189 MVB GRPT1,R0 BYPASS HEADER PRINT
190 JN DS20 BR/YES-DON'T PRINT HEADER
191 MVA PRTRU,R2 PRINT BUFFER ADDR
192 MVA HLTCV,R7 ADR OF CONTROL BLOCK
193 SVC HTOE GO CONVERT
194 MVA HALCV,P7 ADR OF CONTROL BLOCK
195 SVC HTOE GO CONVERT
196 MVB ACPCFG*(R2)+ MOVE IDENTIFIER
197 MVB FOUR,R7 BYTES TO MOVE
198 MVA PID,R6 ADR OF I.D.
199 MVFN (R6),(R2) MOVE THE PROG NAME
200 MVB TWNTY,R7 LENGTH OF RTN AND CK PT MSG
201 MVA MSG8,R6 ADDR MESSAGE
202 MVFN (R6),(R2) MOVE MESSAGE INTO PRINT BUFFER
203 J DS22 PRINT THE HEADER
204 *
205 DS20 EQU *
206 MVB SIXTY4,R7 SET TO MOVE 64 BYTES
207 MVB R7,R6 SAVE MAX NUMBER BYTES TO MOVE
208 MVB ZERO,R0 END OF MESSAGE CHAR
209 SFEN R0,(R3) COMPUTE LENGTH OF MESSAGE
210 JNE DS21 BR/IF EOM NOT FOUND
211 MVA M1,R3 ADDRESS OF EOM CHARACTER
212 *
213 DS21 EQU *
214 SW R7,R6 GET LENGTH OF MESSAGE
215 JZ DS30 BR/IF DONE
216 SW R6,R3 GET ADDR OF MESSAGE AGAIN
217 MVB R6,R7 BYTES TO MOVE INTO BUFFER
218 MVA PRTRU,R4 GET ADDR TTY BUFFER
219 MVFN (R3),(R4) MOVE DATA INTO PRINT BUFFER
220 MVB R4,ACPCS INDICATE MESSAGE PROCESSED
221 *
222 DS22 EQU *
223 MVB PGCTL,R3 FULL SCREEN CONTROL SELECTED
224 JZ DS24 BR/NOT SELECTED-BYPASS
225 MVB PGLCT,R3 GET LINE COUNT
226 ABI ONE,R3 INCREMENT COUNT OF LINES
227 MVB R3,BGLCT SAVE VALUE
228 CB SCRLC,R3 END OF PAGE
229 JLLT DS24 BR/NO-LESS THAN
230 JE DS23 BR/YES
231 *
232 DS23 EQU *
233 MVB PAGE,PRBND PAUSE AND WAIT FOR OPERATOR
234 *
235 DS24 EQU *
236 MVA WIDCB,R6 MOVE PAGE MESSAGE ON THIS LINE
237 JAL DSTO,R7 GO ISSUE I/O AND CHECK COND
238 J DS60 RETURN TO SCHEDULER
239 *
240 DS30 EQU *
241 MVBZ DEAT,R0 SCREEN CONTROL MESSAGE
242 JNZ DS50 BR/YES-RETURN TO INTERRUPTED PRG
243 CW ENTSW,ACSV* ENTER MESSAGE FINISHED
244 DS51 BR/IF YES
245 CB (R3),QSVC) ,OUT1 SEE IF OUTIN SVC
246 DS50 BR/YES CONTINUE
247 MVBZ PRTSW,R0 RESET PRINT BUSY SWITCH
248 MVA ACIND*,R7 ADR OF DCP IND

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001564 4F06 242 TBT (R7,STOP) IS STOP APTER ERR MSG ON
001566 1004 243 JOFF DS40 BR/NO

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00166E * 357 * DISPLAY STATION CONSOLE NO GOOD - TAKE OFFLINE
00166E 4734 1782 358 * DSNG2 EQU *
001672 4F87 360 MVA ACIND*,R7 ADDRESS OF DCP INDICATORS

LOCTR	OBJECT TEXT	STMT	SOURCE STATEMENT	COPYRIGHT IBM CORP 1976
001700	0423010118	477	DC X'0423010118'	ROLL SCREEN
001705	04114008111750	478	DC X'04114008111750'	WRITE DATA BOTTOM LINE
00170C	1D4020200050	479	DC X'1D4020200050'	FORMAT BOTTOM LINE FOR INPUT
001712	40404040404040404	480	PRTBU DC 80C'	80 CHARACTER PRINT BUFFER
001752	131801	481	DC X'131801'	POSITION CURSOR BOTTOM LINE
001752		482	PRBND EQU PRTBU+SIXT4	PAGE MESSAGE AREA
001765	18	483	SCRLC DC AL1(24)	PAGE CONTROL LINE COUNT
		484	*****	*****
		485	*****	*****
		486	*****	*****
		487	*****	*****
		488	*****	*****
001766	1574	489	ACMSG DC A(DS50)	ADDRESS TO ENTER MESSAGE ROUTINE
001768	1486	490	ACENT DC A(DSPLY)	DISPLAY STATION RTN
00176A	1494	492	ACINT DC A(DS00)	DISP STAT INTRPT RTN
		494	*****	*****
		495	*****	*****
		496	*****	*****
		497	*****	*****
		498	*****	*****
		499	*****	*****
		500	ALIGN WORD	
00176C	7000	501	WIDCB DC X'7000'	DISPLAY STATION WRITE
00176E	16CA	502	DC A(WRDCB)	
001770	7000	503	SIDCB DC X'7000'	DISPLAY STATION READ INTRPT ELEMENT
001772	16DA	504	DC A(SRDCB)	
001774	6F00	505	ACRES DC X'6F00'	DISPLAY STATION RESET
001776	0000	506	CMND DC A(*-*)	LAST COMMAND ISSUED
001778	7000	507	RIDCB DC X'7000'	DISPLAY STATION READ
00177A	16EE	508	DC A(RDDCB)	
00177C	6000	509	ACPRE DC X'6000'	DISPLAY STATION PREPARE-LEVEL 2
00177E	0005	510	DC X'0005'	
		511	ACPR3 EQU ACPRE+THREE	
		513	ORG C3804+770	
		514	*****	*****
		515	*****	*****
		516	*****	*****
		517	*****	*****
		518	*****	*****
		519	*****	*****
		520	*****	*****
		521	*****	*****
001780		522	ACSCHE EQU *	ADDRESS OF SCHEDULAR ROUTINE
001782		523	ACIND EQU ACSCHE+2	DCP INDICATORS
001784		524	ACSVPE EQU ACSCHE+4	SVC INTRPT POINTER
001786		525	ACSVRE EQU ACSCHE+6	SVC RETURN
001788		526	ACOPCE EQU ACSCHE+8	OPERATOR COMMAND ROUTINE
00178A		527	ACCON EQU ACSCHE+10	CONSOLE ROUTINE
00178C		528	ACSTRE EQU ACSCHE+12	STRAY INTRPT ROUTINE
00178E		529	ACVTR EQU ACSCHE+14	ALT CON VECTOR ADDR-INIT
001790		531	PRBA EQU ACSCHE+16	PRINT BLANK LINE AFTER ENTER SW
001792		532	NLSW EQU ACSCHE+18	NEW LINE SWITCH
001793		533	OUT1 EQU ACSCHE+19	SVC OPERAND FOR OUTIN SVC
001794		535	ACFCS EQU ACSCHE+20	MESSAGE BEEN PROCESSED SWITCH
001795		536	ACIMS EQU ACSCHE+21	READ IN PROGRESS SWITCH
001796		537	CICNT EQU ACSCHE+22	COUNT OF ACTIVE ICIB'S
001797		538	EXTR1 EQU ACSCHE+23	END OF TABLE INDICATOR
001798		539	INPRC EQU ACSCHE+24	IND OUT/IN IN PROCESS
		540	* EQU ACSCHE+25	NOT USED
		541	GRPT EQU ACSCHE+26	GROUP PRINTING SWITCH
00179A		542	GRPT1 EQU GRPT+1	
00179B		543	PRTSW EQU ACSCHE+28	DISPLAY STATION BUSY
00179C		544	ENTSW EQU ACSCHE+30	ENTER MESSAGE PROCESSED SWITCH
0017A0		545	ACWCT EQU ACSCHE+32	READ STATION STATUS
0017A1		546	ACWC1 EQU ACWC+1	NOT USED BY THIS OVERLAY
0017A2		547	DEAT EQU ACSCHE+34	SCREEN CONTROL MESSAGE
0017A4		548	HRTA EQU ACSCHE+36	PPG CHK ADR FOR DIAG
0017A6		550	INVT1 EQU ACSCHE+38	BYTE COUNT
0017A8		551	INVT2 EQU ACSCHE+40	ADR OF DATA TO CONVERT
0017AA		552	INVT3 EQU ACSCHE+42	TARGET AREA
0017AC		554	HLTCV EQU ACSCHE+44	BYTE COUNT
		555	* EQU ACSCHE+46	ADR OF DATA TO CONVERT
		556	* EQU ACSCHE+48	TARGET AREA
0017B2		558	HALCV EQU ACSCHE+50	BYTE COUNT
		559	* EQU ACSCHE+52	ADR OF DATA TO CONVERT
		560	* EQU ACSCHE+54	TARGET AREA
0017B8		562	PGCTL EQU ACSCHE+56	FULL SCREEN CONTROL SWITCH AND
0017B9		563	PGLCT EQU PGCTL+1	LINE COUNT
0017BA		564	RPSV1 EQU ACSCHE+58	NOT USED
0017BC		565	RPSV EQU ACSCHE+60	DATA ADDRESS
0017BE		567	IDCB EQU ACSCHE+62	ADDRESS OF LAST IDCB ISSUED BY DCP
		569	* EQU ACSCHE+64	ERROR CODE
0017C2		570	MSG7 EQU ACSCHE+66	
0017CC		571	MSG7A EQU ACSCHE+76	
0017D0		572	MSG8 EQU ACSCHE+80	
0017D5		573	MSG8A EQU ACSCHE+85	
0017DA		574	MSG9 EQU ACSCHE+90	
0017DF		575	MSG9A EQU ACSCHE+95	
		576	* EQU ACSCHE+100	EOM AND DCP MSG CNTL FLD
0017E6		578	PRL1 EQU ACSCHE+102	ADDRESS OF MESSAGE
0017EA		580	ACPRG EQU ACSCHE+106	
0017EC		581	ACPR5 EQU ACSCHE+108	
0017F8		583	LPD EQU ACSCHE+120	ADDRESS OF MESSAGE
		586	* EQU ACSCHE+122	ERROR CODE
0017FC		588	ACNG1 EQU ACSCHE+124	EOM AND DCP MSG CNTL FLD
0017FE		588	ACNGM EQU ACSCHE+126	ADDRESS OF MESSAGE
		590	ORG C3804+898	
001800		591	PID EQU *	LOCATION OF PROGRAM ID
00180A		592	RTNE EQU PID+10	ROUTINE NUMBER
00180C		593	CKPT EQU PID+12	CHECKPOINT NUMBER
000000		594	END	

DECLARED	NAME	ATTRIBUTES AND REFERENCES	CROSS-REFERENCE LISTING	COPYRIGHT IBM CORP 1976
527	ACCON	ADDRESS. HEX LOCATION(0000178A) IN CSECT(C3804) LENGTH(1)		
411	ACEND	ADDRESS. HEX LOCATION(000016C4) IN CSECT(C3804) LENGTH(1)		
535	ACFCS	ADDRESS. HEX LOCATION(00001794) IN CSECT(C3804) LENGTH(1)		
536	ACIMS	ADDRESS. HEX LOCATION(00001795) IN CSECT(C3804) LENGTH(1)		
523	ACIND	ADDRESS. HEX LOCATION(00001782) IN CSECT(C3804) LENGTH(1)		
588	ACNGM	ADDRESS. HEX LOCATION(000017FE) IN CSECT(C3804) LENGTH(1)		
526	ACOPC	ADDRESS. HEX LOCATION(00001788) IN CSECT(C3804) LENGTH(1)		
509	ACPRE	ADDRESS. HEX LOCATION(0000177C) IN CSECT(C3804) LENGTH(2)		
580	ACPRG	ADDRESS. HEX LOCATION(000017EA) IN CSECT(C3804) LENGTH(1)		
511	ACPR3	ADDRESS. HEX LOCATION(0000177F) IN CSECT(C3804) LENGTH(1)		
505	ACRES	ADDRESS. HEX LOCATION(00001774) IN CSECT(C3804) LENGTH(2)		
412	ACS	ADDRESS. HEX LOCATION(000016CA) IN CSECT(C3804) LENGTH(1)		
522	ACSCHE	ADDRESS. HEX LOCATION(00001780) IN CSECT(C3804) LENGTH(1)		
528	ACSTR	ADDRESS. HEX LOCATION(0000178C) IN CSECT(C3804) LENGTH(1)		
524	ACSVPE	ADDRESS. HEX LOCATION(00001784) IN CSECT(C3804) LENGTH(1)		
525	ACSVRE	ADDRESS. HEX LOCATION(00001786) IN CSECT(C3804) LENGTH(1)		
529	ACVTR	ADDRESS. HEX LOCATION(0000178E) IN CSECT(C3804) LENGTH(1)		
545	ACWCT	ADDRESS. HEX LOCATION(000017A0) IN CSECT(C3804) LENGTH(1)		
402	AID	ADDRESS. HEX LOCATION(000016BC) IN CSECT(C3804) LENGTH(1)		
60	ALTDV	ABSOLUTE. HEX VALUE(00000007)		
64	ATT	ABSOLUTE. HEX VALUE(000000F2)		
506	CMND	ADDRESS. HEX LOCATION(00001776) IN CSECT(C3804) LENGTH(2)		
3	C3804	CSECT. START(0000147E) LENGTH(898) ESDID(1)		
476	DATST	ADDRESS. HEX LOCATION(000016FE) IN CSECT(C3804) LENGTH(2)		
67	DCP07	ABSOLUTF. HEX VALUE(0000024C)		
547	DEAT	ADDRESS. HEX LOCATION(000017A2) IN CSECT(C3804) LENGTH(1)		
335	DSIO	ADDRESS. HEX LOCATION(00001636) IN CSECT(C3804) LENGTH(1)		
347	DSNG	ADDRESS. HEX LOCATION(00001658) IN CSECT(C3804) LENGTH(1)		
350	DSNG1	ADDRESS. HEX LOCATION(00001662) IN CSECT(C3804) LENGTH(1)		
359	DSNG2	ADDRESS. HEX LOCATION(0000166E) IN CSECT(C3804) LENGTH(1)		
154	DSPLY	ADDRESS. HEX LOCATION(00001486) IN CSECT(C3804) LENGTH(1)		
165	DS00	ADDRESS. HEX LOCATION(00001494) IN CSECT(C3804) LENGTH(1)		
168	DS01	ADDRESS. HEX LOCATION(0000149A) IN CSECT(C3804) LENGTH(1)		
178	DS10	ADDRESS. HEX LOCATION(000014BE) IN CSECT(C3804) LENGTH(1)		
202	DS20	ADDRESS. HEX LOCATION(00001500) IN CSECT(C3804) LENGTH(1)		
209	DS21	ADDRESS. HEX LOCATION(0000150C) IN CSECT(C3804) LENGTH(1)		
217	DS22	ADDRESS. HEX LOCATION(0000151E) IN CSECT(C3804) LENGTH(1)		
227	DS23	ADDRESS. HEX LOCATION(00001538) IN CSECT(C3804) LENGTH(1)		
229	DS24	ADDRESS. HEX LOCATION(0000153E) IN CSECT(C3804) LENGTH(1)		
233	DS30	ADDRESS. HEX LOCATION(00001546) IN CSECT(C3804) LENGTH(1)		
247	DS40	ADDRESS. HEX LOCATION(00001570) IN CSECT(C3804) LENGTH(1)		
249	DS50	ADDRESS. HEX LOCATION(00001574) IN CSECT(C3804) LENGTH(1)		
256	DS51	ADDRESS. HEX LOCATION(00001584) IN CSECT(C3804) LENGTH(1)		
260	DS52	ADDRESS. HEX LOCATION(0000158E) IN CSECT(C3804) LENGTH(1)		
262	DS53	ADDRESS. HEX LOCATION(00001590) IN CSECT(C3804) LENGTH(1)		
269	DS60	ADDRESS. HEX LOCATION(000015A4) IN CSECT(C3804) LENGTH(1)		
272	DS70	ADDRESS. HEX LOCATION(000015A8) IN CSECT(C3804) LENGTH(1)		
279	DS80	ADDRESS. HEX LOCATION(000015C0) IN CSECT(C3804) LENGTH(1)		
297	DS81	ADDRESS. HEX LOCATION(000015E4) IN CSECT(C3804) LENGTH(1)		
302	DS82	ADDRESS. HEX LOCATION(000015F2) IN CSECT(C3804) LENGTH(1)		
305	DS83	ADDRESS. HEX LOCATION(000015FE) IN CSECT(C3804) LENGTH(1)		
312	DS90	ADDRESS. HEX LOCATION(0000160A) IN CSECT(C3804) LENGTH(1)		
318	DS91	ADDRESS. HEX LOCATION(0000161C) IN CSECT(C3804) LENGTH(1)		
68	DUMPY	ABSOLUTE. HEX VALUE(00001470)		

CROSS-REFERENCE LISTING

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DECLARED	NAME	ATTRIBUTES AND REFERENCES
71	EBBK	124 ABSOLUTE. HEX VALUE (00000040)
63	ENT	179 321 ABSOLUTE. HEX VALUE (000000F1)
385	ENTER	283 ADDRESS. HEX LOCATION (000016A0) IN CSECT (C3804) LENGTH(5)
544	ENTSW	254 ADDRESS. HEX LOCATION (0000179E) IN CSECT (C3804) LENGTH(1)
383	ERROR	236 251 263 ADDRESS. HEX LOCATION (0000169E) IN CSECT (C3804) LENGTH(2)
77	FOUR	169 273 274 338 342 348 ABSOLUTE. HEX VALUE (00000004)
541	GRPT	195 273 402 ADDRESS. HEX LOCATION (0000179A) IN CSECT (C3804) LENGTH(1)
542	GRPT1	244 542 ADDRESS. HEX LOCATION (0000179B) IN CSECT (C3804) LENGTH(1)
558	HALCV	187 ADDRESS. HEX LOCATION (000017E2) IN CSECT (C3804) LENGTH(1)
65	HLP	192 ABSOLUTE. HEX VALUE (000000F3)
554	HLTCV	281 ADDRESS. HEX LOCATION (000017AC) IN CSECT (C3804) LENGTH(1)
52	HTOE	190 ABSOLUTE. HEX VALUE (0000001A)
567	IDCB	191 193 ADDRESS. HEX LOCATION (000017BE) IN CSECT (C3804) LENGTH(1)
51	IDLE5	336 340 ABSOLUTE. HEX VALUE (00000003)
572	MSG8	351 ADDRESS. HEX LOCATION (000017D0) IN CSECT (C3804) LENGTH(1)
86	M1	199 ABSOLUTE. HEX VALUE (FFFFFFF)
87	M30	208 ABSOLUTE. HEX VALUE (FFFFFFE2)
79	NINE	373 ABSOLUTE. HEX VALUE (00000009)
532	NLSW	245 ADDRESS. HEX LOCATION (00001792) IN CSECT (C3804) LENGTH(1)
396	NONZR	156 185 250 ADDRESS. HEX LOCATION (000016AC) IN CSECT (C3804) LENGTH(2)
74	ONE	275 303 307 314 ABSOLUTE. HEX VALUE (00000001)
50	OUT	221 397 ABSOLUTE. HEX VALUE (00000000)
533	OUT1	371 ADDRESS. HEX LOCATION (00001793) IN CSECT (C3804) LENGTH(1)
389	PAGE	238 264 ADDRESS. HEX LOCATION (000016A6) IN CSECT (C3804) LENGTH(4)
562	PGCTL	228 ADDRESS. HEX LOCATION (000017B8) IN CSECT (C3804) LENGTH(1)
563	PGLCT	218 287 298 303 563 ADDRESS. HEX LOCATION (000017B9) IN CSECT (C3804) LENGTH(1)
591	PID	220 222 289 313 ADDRESS. HEX LOCATION (00001800) IN CSECT (C3804) LENGTH(1)
531	PRBA	196 592 593 ADDRESS. HEX LOCATION (00001790) IN CSECT (C3804) LENGTH(1)
482	PRBND	183 257 259 ADDRESS. HEX LOCATION (00001752) IN CSECT (C3804) LENGTH(1)
480	PRTBU	228 320 ADDRESS. HEX LOCATION (00001712) IN CSECT (C3804) LENGTH(1)
543	PRTSW	181 189 214 325 467 482 ADDRESS. HEX LOCATION (0000179C) IN CSECT (C3804) LENGTH(1)
103	QR7	155 170 240 326 363 ABSOLUTE. HEX VALUE (00000014)
104	QSV	374 ABSOLUTE. HEX VALUE (00000016)
458	RDDCB	238 264 ADDRESS. HEX LOCATION (000016EE) IN CSECT (C3804) LENGTH(1)
406	RESID	508 ADDRESS. HEX LOCATION (000016C0) IN CSECT (C3804) LENGTH(2)
507	RIDCB	444 ADDRESS. HEX LOCATION (00001778) IN CSECT (C3804) LENGTH(2)
565	RPSV	315 ADDRESS. HEX LOCATION (000017BC) IN CSECT (C3804) LENGTH(1)
61	RTMDI	171 ABSOLUTE. HEX VALUE (0000000B)
0	R0	267 REGISTER. HEX VALUE (00000000) 157 172 174 179 182 183 185 187 205 206 234 240 257 263 298 313 321 322
0	R1	324 326 363 364 REGISTER. HEX VALUE (00000001) 155 156 170 238 264 372 373 374
0	R2	189 194 REGISTER. HEX VALUE (00000002) 197 200 325
0	R3	171 206 208 212 215 218 220 221 222 REGISTER. HEX VALUE (00000003) 223 250 254 287 289 290 306 320 322 323 324
0	R4	176 181 182 214 215 216 259 REGISTER. HEX VALUE (00000004)
0	R6	121 196 197 199 200 204 210 212 213 REGISTER. HEX VALUE (00000006) 230 276 315 339 340 341 353 366
0	R7	180 190 192 195 198 203 204 210 213 REGISTER. HEX VALUE (00000007) 231 241 242 244 245 266 267 277 280 281 283 285 316 319 343 349 352 354 360 361 362 367 370 374
392	SCMSG	306 ADDRESS. HEX LOCATION (000016AE) IN CSECT (C3804) LENGTH(6)
393	SCMS1	300 304 ADDRESS. HEX LOCATION (000016B4) IN CSECT (C3804) LENGTH(2)
390	SCOFF	300 ADDRESS. HEX LOCATION (000016AA) IN CSECT (C3804) LENGTH(2)
391	SCON	304 ADDRESS. HEX LOCATION (000016AC) IN CSECT (C3804) LENGTH(2)
483	SCRIC	304 396 ADDRESS. HEX LOCATION (00001765) IN CSECT (C3804) LENGTH(1)
78	SEVEN	223 290 ABSOLUTE. HEX VALUE (00000007) 338 342

CROSS-REFERENCE LISTING

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DECLARED	NAME	ATTRIBUTES AND REFERENCES
84	SEVN8	180 ABSOLUTE. HEX VALUE (0000004E)
503	SIDCB	276 ADDRESS. HEX LOCATION (00001770) IN CSECT (C3804) LENGTH(2)
69	SIXSC	349 ABSOLUTE. HEX VALUE (00002E76)
81	SIXT4	203 482 ABSOLUTE. HEX VALUE (00000040)
82	SIXT6	319 ABSOLUTE. HEX VALUE (00000042)
43	SM	166 ABSOLUTE. HEX VALUE (00000001)
439	SRDCP	433 504 ADDRESS. HEX LOCATION (000016DA) IN CSECT (C3804) LENGTH(1)
401	STATU	402 447 ADDRESS. HEX LOCATION (000016B8) IN CSECT (C3804) LENGTH(2)
59	STOP	242 362 ABSOLUTE. HEX VALUE (00000006)
76	THPEE	167 511 ABSOLUTE. HEX VALUE (00000003)
80	TWNTY	198 ABSOLUTE. HEX VALUE (00000014)
75	TWO	323 ABSOLUTE. HEX VALUE (00000002)
451	WCDCB	445 ADDRESS. HEX LOCATION (000016EA) IN CSECT (C3804) LENGTH(1)
501	WIDCB	230 ADDRESS. HEX LOCATION (0000176C) IN CSECT (C3804) LENGTH(2)
426	WRDCE	502 ADDRESS. HEX LOCATION (000016CA) IN CSECT (C3804) LENGTH(1)
73	ZERO	205 ABSOLUTE. HEX VALUE (00000000)

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