

Comment [MSOffice1]: Y2K compliant?

CB545 V2 LVL78 01MAY72

IBM OS AMERICAN NATIONAL STANDARD COBOL

DATE JAN 8,1910

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00001 000100 ID DIVISION. 00000001
00002 000200 PROGRAM-ID. CDEMO. 00000002
00003 000300***** 00000003
00004 000400* 00000004
00005 000500* CDEMO - COBOL PROGRAM TO DEMO MAP3270 00000005
00006 000600* NOTE - THE PROGRAM IS INTENDED TO BE USED FOR DEMO 00000006
00007 000700* PURPOSES AND IS NOT PRODUCTION QUALITY. 00000007
00008 000800* 00000008
00009 000900* - - - - - 00000009
00010 001000* 00000010
00011 001100* (C) COPYRIGHT 2009 CEDAR LAKE EMPORIUM LLC ALL RIGHTS 00000011
00012 001200* RESERVED. 00000012
00013 001300* 00000013
00014 001400* THIS SOURCE CODE AS WELL AS ANY OBJECT CODE RESULTING FROM THIS 00000014
00015 001500* SOURCE CODE MAY BE DISTRIBUTED FREELY PROVIDED NO FEE IS CHARGE 00000015
00016 001600* AND FOR NON-COMERCIAL PURPOSES. 00000016
00017 001700* 00000017
00018 001800* FOR COMMERCIAL DISTRIBUTION RIGHTS, CONTACT THE COPYRIGHT OWNER 00000018
00019 001900* 00000019
00020 002000***** 00000020
00021 002100 ENVIRONMENT DIVISION. 00000021
00022 002200 DATA DIVISION. 00000022
00023 002300 WORKING-STORAGE SECTION. 00000023
00024 002400 01 FILLER PIC X(32) VALUE '***** START CDEMO WKSTG *****'. 00000024
00025 002500 01 WS-ERRORS-FOUND PIC S9(4) COMP SYNC VALUE +0. 00000025
00026 002600* 00000026
00027 002700 01 AIDS COPY AIDCODES. 00000027
00028 C 000100***** 00000001
00029 C 000200* AID CODES FOR MAP3270 00000002
00030 C 000300***** 00000003
00031 C 000400 01 AIDS. 00000004
00032 C 000500 05 AIDENTER PIC X VALUE ',' . 00000005
00033 C 000600 05 AIDCLEAR PIC X VALUE '-' . 00000006
00034 C 000700 05 AIDTSTRQ PIC X VALUE '0' . 00000007
00035 C 000800 05 AIDPFK01 PIC X VALUE '1' . 00000008
00036 C 000900 05 AIDPFK02 PIC X VALUE '2' . 00000009
00037 C 001000 05 AIDPFK03 PIC X VALUE '3' . 00000010
00038 C 001100 05 AIDPFK04 PIC X VALUE '4' . 00000011
00039 C 001200 05 AIDPFK05 PIC X VALUE '5' . 00000012
00040 C 001300 05 AIDPFK06 PIC X VALUE '6' . 00000013
00041 C 001400 05 AIDPFK07 PIC X VALUE '7' . 00000014
00042 C 001500 05 AIDPFK08 PIC X VALUE '8' . 00000015
00043 C 001600 05 AIDPFK09 PIC X VALUE '9' . 00000016
00044 C 001700 05 AIDPFK10 PIC X VALUE ':' . 00000017
00045 C 001800 05 AIDPFK11 PIC X VALUE '#' . 00000018
00046 C 001900 05 AIDPFK12 PIC X VALUE '@' . 00000019
00047 C 002000 05 AIDPFK13 PIC X VALUE 'A' . 00000020
00048 C 002100 05 AIDPFK14 PIC X VALUE 'B' . 00000021
00049 C 002200 05 AIDPFK15 PIC X VALUE 'C' . 00000022
00050 C 002300 05 AIDPFK16 PIC X VALUE 'D' . 00000023
00051 C 002400 05 AIDPFK17 PIC X VALUE 'E' . 00000024
00052 C 002500 05 AIDPFK18 PIC X VALUE 'F' . 00000025
00053 C 002600 05 AIDPFK19 PIC X VALUE 'G' . 00000026
00054 C 002700 05 AIDPFK20 PIC X VALUE 'H' . 00000027
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Comment [MSOffice2]: This brings the AIDCODES in from the SYSLIB dataset. These are the AID (attention identifier

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00055 C 002800      05 AIDPFK21 PIC X  VALUE 'I'.                                00000028

00056 C 002900      05 AIDPFK22 PIC X  VALUE 'C'.                                00000029
00057 C 003000      05 AIDPFK23 PIC X  VALUE '.'.                                00000030
00058 C 003100      05 AIDPFK24 PIC X  VALUE '<'.                                00000031
00059 C 003200      05 AIDPA1  PIC X  VALUE '%'.                                00000032
00060 C 003300      05 AIDPA2  PIC X  VALUE '>'.                                00000033
00061 C 003400      05 AIDPA3  PIC X  VALUE ','.                                00000034
00062 C 003500*****
00063      002800*                                                                00000028
00064      002900 01 WS-MODULE-BLK.                                                00000029
00065      003000      05 WS-MODULE-NAME1 PIC X(8)  VALUE 'T3270IO'.              00000030
00066      003100      05 WS-MODULE-ADDR PIC X(4)  VALUE LOW-VALUES.              00000031
00067      003200      05 WS-CALL-MODE1  PIC X      VALUE 'K'.                    00000032
00068      003300      05 FILLER          PIC XXX   VALUE LOW-VALUES.              00000033
00069      003400*
00070      003500 01 IOCB.                                                         00000034
00071      003600      05 IOCBFUNC          PIC X(4).                             00000036
00072      003700          88 IOCBFUNC-STRT VALUE 'STRT'.                         00000037
00073      003800          88 IOCBFUNC-END  VALUE 'END '.                         00000038
00074      003900          88 IOCBFUNC-IO   VALUE 'IO '.                          00000039
00075      004000      05 IOCBRC          PIC S9(4) COMP.                        00000040
00076      004100      05 IOCBLEN        PIC S9(4) COMP.                        00000041
00077      004200      05 IOCBADDR       PIC S9(8) COMP.                        00000042
00078      004300      05 FILLER          PIC X(20).                             00000043
00079      004400 01 TEXT-IN-01.                                                    00000044
00080      004500      05 TIN-STRING      PIC X(50).                             00000045
00081      004600      05 TIN-BYTE        REDEFINES TIN-STRING                    00000046
00082      004700          PIC X OCCURS 50 TIMES.                                00000047
00083      004800      05 TIN-LEN        PIC S9(4) COMP SYNC.                    00000048
00084      004900      05 TIN-MOVE       PIC S9(4) COMP SYNC.                    00000049
00085      005000 01 TEXT-OUT.                                                       00000050
00086      005100      05 TOUT-STRING     PIC X(50).                             00000051
00087      005200      05 TOUT-BYTE       REDEFINES TOUT-STRING                    00000052
00088      005300          PIC X OCCURS 50 TIMES.                                00000053
00089      005400      05 TOUT-LEN       PIC S9(4) COMP SYNC.                    00000054
00090      005500 01 DEMOPAN COPY DEMOPAN.                                          00000055
00091 C          ** GENERATED BY MAP3270 V2.0.0 ON 100108 AT 052704700            00000100
00092 C          01 DEMOPAN.                                                         00000200
00093 C          05 DEMOPAN-NAME PIC X(8)  VALUE 'DEMOPAN'.                        00000300
00094 C          05 FILLER      PIC S9(8) COMP VALUE ZERO.                        00000400
00095 C          05 DEMOPAN-RET PIC S9(4) COMP.                                    00000500
00096 C          05 DEMOPAN-AID PIC X.                                              00000600
00097 C          05 DEMOPAN-SBA PIC XX.                                            00000700
00098 C          05 FILLER      PIC X.                                              00000800
00099 C          05 FNAME.                                                         00000900
00100 C          10 FNAME-C          PIC X(01) VALUE ' '.                         00001000
00101 C          10 FNAME-L          PIC S9(4) VALUE +15 COMP.                    00001100
00102 C          10 FNAME-D          PIC X(15) VALUE                             00001200
00103 C          '.....'.                                                       00001300
00104 C          05 MNAME.                                                         00001400
00105 C          10 MNAME-C          PIC X(01) VALUE ' '.                         00001500
00106 C          10 MNAME-L          PIC S9(4) VALUE +1 COMP.                    00001600
00107 C          10 MNAME-D          PIC X(01) VALUE ' '.                         00001700
00108 C          05 LNAME.                                                         00001800
00109 C          10 LNAME-C          PIC X(01) VALUE ' '.                         00001900
00110 C          10 LNAME-L          PIC S9(4) VALUE +19 COMP.                    00002000
00111 C          10 LNAME-D          PIC X(19) VALUE                             00002100

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Comment [MSOffice3]: This is the control block for DYNALOAD. If you choose to not use DYNALOAD, you may omit this structure.

Comment [MSOffice4]: This is the name of the MAP3270 runtime interface. T3270IO is the default name assigned during installation.

Comment [MSOffice5]: This is the I/O control block for NAO3279. Other than the IOCBFUNC, you should not change anything else in this block.

Comment [MSOffice6]: This is how a symbolic map is copied into the program from SYSLIB.

Comment [MSOffice7]: This is the name of the physical map to be used. It is usually the same as the symbolic but it is not required to be the same.

Comment [MSOffice8]: This is the AID code generated by the 3270. See the AIDCODES above for all of the valid values.

Comment [MSOffice9]: This is the address of where the cursor is when the key that triggers the AID is pressed. This address is encoded. See guide for more info.

Comment [MSOffice10]: FNAME is assigned to this field in the .vars section of the panel.

Comment [MSOffice11]: This is the default field name the MAP3270 compiler generates for a field. This can be changes in the .vars section of the panel.

Comment [MSOffice12]: The -C indicates to MAP3270 where the cursor should be placed. The first -C with an X is where the cursor is placed. Upon return, all of the -C are set to space.

Comment [MSOffice13]: The -L indicates the length of the fields. This should not be changed

Comment [MSOffice14]: The -D is the field that contains the actual data passed to and returned by MAP3270. Note that the -L value +10 is the same length as the -D field (X(10)).

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00112 C      '.....'.
00113 C      05 R07C17.
00114 C      10 R07C17-C      PIC X(01) VALUE ' '.
00115 C      10 R07C17-L      PIC S9(4) VALUE +6 COMP.
00116 C      10 R07C17-D      PIC X(06) VALUE '.....'.
00117 C      05 R07C33.
00118 C      10 R07C33-C      PIC X(01) VALUE ' '.
00119 C      10 R07C33-L      PIC S9(4) VALUE +21 COMP.
00120 C      10 R07C33-D      PIC X(21) VALUE
00121 C      '.....'.
00122 C      05 R07C61.
00123 C      10 R07C61-C      PIC X(01) VALUE ' '.
00124 C      10 R07C61-L      PIC S9(4) VALUE +10 COMP.
00125 C      10 R07C61-D      PIC X(10) VALUE '.....'.
00126 C      05 R08C17.
00127 C      10 R08C17-C      PIC X(01) VALUE ' '.
00128 C      10 R08C17-L      PIC S9(4) VALUE +35 COMP.
00129 C      10 R08C17-D      PIC X(35) VALUE
00130 C      '.....'.
00131 C      05 R09C09.
00132 C      10 R09C09-C      PIC X(01) VALUE ' '.
00133 C      10 R09C09-L      PIC S9(4) VALUE +19 COMP.
00134 C      10 R09C09-D      PIC X(19) VALUE
00135 C      '.....'.
00136 C      05 R09C37.
00137 C      10 R09C37-C      PIC X(01) VALUE ' '.
00138 C      10 R09C37-L      PIC S9(4) VALUE +2 COMP.
00139 C      10 R09C37-D      PIC X(02) VALUE '..'.
00140 C      05 R09C52.
00141 C      10 R09C52-C      PIC X(01) VALUE ' '.
00142 C      10 R09C52-L      PIC S9(4) VALUE +9 COMP.
00143 C      10 R09C52-D      PIC X(09) VALUE '.....'.
00144 C      05 R14C20.
00145 C      10 R14C20-C      PIC X(01) VALUE ' '.
00146 C      10 R14C20-L      PIC S9(4) VALUE +47 COMP.
00147 C      10 R14C20-D      PIC X(47) VALUE
00148 C      '.....'.
00149 C      05 R15C20.
00150 C      10 R15C20-C      PIC X(01) VALUE ' '.
00151 C      10 R15C20-L      PIC S9(4) VALUE +47 COMP.
00152 C      10 R15C20-D      PIC X(47) VALUE
00153 C      '.....'.
00154 C      05 R16C20.
00155 C      10 R16C20-C      PIC X(01) VALUE ' '.
00156 C      10 R16C20-L      PIC S9(4) VALUE +47 COMP.
00157 C      10 R16C20-D      PIC X(47) VALUE
00158 C      '.....'.
00159 C      05 R17C20.
00160 C      10 R17C20-C      PIC X(01) VALUE ' '.
00161 C      10 R17C20-L      PIC S9(4) VALUE +47 COMP.
00162 C      10 R17C20-D      PIC X(47) VALUE
00163 C      '.....'.
00164 C      05 R18C20.
00165 C      10 R18C20-C      PIC X(01) VALUE ' '.
00166 C      10 R18C20-L      PIC S9(4) VALUE +10 COMP.
00167 C      10 R18C20-D      PIC X(10) VALUE '.....'.
00168 C      05 R22C01.

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00169 C          10 R22C01-C          PIC X(01) VALUE ' '.          00007900
00170 C          10 R22C01-L          PIC S9(4) VALUE +79 COMP.    00008000
00171 C          10 R22C01-D          PIC X(79) VALUE              00008100
00172 C          '.....'          00008200
00173 C      -      '.....'          00008300
00174 C          05 R23C01.            00008400
00175 C          10 R23C01-C          PIC X(01) VALUE ' '.          00008500
00176 C          10 R23C01-L          PIC S9(4) VALUE +79 COMP.    00008600
00177 C          10 R23C01-D          PIC X(79) VALUE              00008700
00178 C          '.....'          00008800
00179 C      -      '.....'          00008900
00180 C          05 R24C01.            00009000
00181 C          10 R24C01-C          PIC X(01) VALUE ' '.          00009100
00182 C          10 R24C01-L          PIC S9(4) VALUE +79 COMP.    00009200
00183 C          10 R24C01-D          PIC X(79) VALUE              00009300
00184 C          '.....'          00009400
00185 C      -      '.....'          00009500
00186 C          05 FILLER.              00009600
00187 C          10 FILLER              PIC X(01) VALUE ' '.          00009700
00188 C          10 FILLER              PIC S9(4) VALUE ZERO COMP.    00009800
00189 005600 01 FILLER PIC X(32) VALUE '***** END   CDEMO  WKSTG *****'. 00000056

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```
00190 005800 PROCEDURE DIVISION.
00191 005900 START-HERE.
00192 006000
00193 006100 MOVE LOW-VALUES TO IOCB.
00194 006200 MOVE 'STRT' TO IOCBFUNC.
00195 006300 PERFORM CALL-3270-IO.
00196 006400 PERFORM CLEAR-INPUT.
00197 006500 PERFORM CLEAR-OUTPUT.
00198 006600
00199 006700 PERFORM NEXT-IO
00200 006800 UNTIL DEMOPAN-AID = AIDPFK03.
00201 006900
00202 007000 MOVE 'END ' TO IOCBFUNC.
00203 007100 PERFORM CALL-3270-IO.
00204 007200
00205 007300 E-O-J.
00206 007400
00207 007500 MOVE ZERO TO RETURN-CODE.
00208 007600 STOP RUN.
00209 007700
00210 007800 NEXT-IO.
00211 007900
00212 008000 MOVE 'IO ' TO IOCBFUNC.
00213 008100
00214 008200 PERFORM CALL-3270-IO.
00215 008300
00216 008400 IF DEMOPAN-AID = AIDPFK12 THEN
00217 008500 PERFORM CLEAR-INPUT
00218 008600 ELSE
00219 008700 IF DEMOPAN-AID NOT = AIDPFK03
00220 008800 PERFORM PROCESS-INPUT.
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Comment [MSOffice15]: This set up the request to initialize MAP3270.

Comment [MSOffice16]: This sets up the termination of the interface.

Comment [MSOffice17]: Sets up call to display a screen and the read it.

Comment [MSOffice18]: Checks to see if PFK12 was pressed.

Comment [MSOffice19]: Checks to see if PFK3 was not pressed

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00221 009000 PROCESS-INPUT. 00000090
00222 009100* 00000091
00223 009200* NORMALLY, INPUT VALIDATION WOULD TAKE PLACE HERE. SINCE THIS 00000092
00224 009300* IS A DEMO, I WILL ONLY VALIDATE THAT THE STATE CODE WAS 00000093
00225 009400* ENTERER 00000094
00226 009500* 00000095
00227 009600 MOVE ZERO TO WS-ERRORS-FOUND. 00000096
00228 009700 MOVE SPACES TO R23C01-D 00000097
00229 009800 R24C01-D. 00000098
00230 009900 IF R09C37-D = SPACES 00000099
00231 010000 MOVE 'STATE CODE BLANK' TO R23C01-D 00000100
00232 010100 ADD 1 TO WS-ERRORS-FOUND. 00000101
00233 010200* ADDITIONAL EDITS 00000102
00234 010300 IF WS-ERRORS-FOUND = ZERO 00000103
00235 010400 PERFORM FORMAT-DATA 00000104
00236 010500 ELSE 00000105
00237 010600 PERFORM CLEAR-OUTPUT 00000106
00238 010700 MOVE 'ERROR(S) FOUND ' TO R24C01-D. 00000107
00239 010800 00000108
00240 010900 FORMAT-DATA. 00000109
00241 011000 PERFORM COMPRESS-NAME. 00000110
00242 011100 PERFORM COMPRESS-ADDR. 00000111
00243 011200 MOVE R08C17-D TO R16C20-D. 00000112
00244 011300 PERFORM COMPRESS-CITY. 00000113
00245 011400 PERFORM COMPRESS-ZIP. 00000114
00246 011500 00000115
00247 011600 COMPRESS-NAME. 00000116
00248 011700 MOVE SPACES TO TOUT-STRING. 00000117
00249 011800 MOVE 1 TO TOUT-LEN. 00000118
00250 011900 00000119
00251 012000 MOVE FNAME-D TO TIN-STRING. 00000120
00252 012100 MOVE FNAME-L TO TIN-LEN. 00000121
00253 012200 PERFORM COPY-TEXT. 00000122
00254 012300 00000123
00255 012400 MOVE MNAME-D TO TIN-STRING. 00000124
00256 012500 MOVE MNAME-L TO TIN-LEN. 00000125
00257 012600 PERFORM COPY-TEXT. 00000126
00258 012700 00000127
00259 012800 MOVE LNAME-D TO TIN-STRING. 00000128
00260 012900 MOVE LNAME-L TO TIN-LEN. 00000129
00261 013000 PERFORM COPY-TEXT. 00000130
00262 013100 00000131
00263 013200 MOVE TOUT-STRING TO R14C20-D. 00000132
00264 013300 00000133
00265 013400 COMPRESS-ADDR. 00000134
00266 013500 MOVE SPACES TO TOUT-STRING. 00000135
00267 013600 MOVE 1 TO TOUT-LEN. 00000136
00268 013700 00000137
00269 013800 MOVE R07C17-D TO TIN-STRING. 00000138
00270 013900 MOVE R07C17-L TO TIN-LEN. 00000139
00271 014000 PERFORM COPY-TEXT. 00000140
00272 014100 00000141
00273 014200 MOVE R07C33-D TO TIN-STRING. 00000142
00274 014300 MOVE R07C33-L TO TIN-LEN. 00000143
00275 014400 PERFORM COPY-TEXT. 00000144
00276 014500 00000145
00277 014600 IF R07C61-D NOT = SPACES 00000146

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Comment [MSOffice20]: To figure out what this is doing, look at row 8 column 17 on the screen to see what field is being moved to row 16 column 20.

00278	014700	MOVE 'APT ' TO TIN-STRING	00000147
00279	014800	MOVE 4 TO TIN-LEN	00000148
00280	014900	PERFORM COPY-TEXT.	00000149
00281	015000	MOVE R07C61-D TO TIN-STRING.	00000150
00282	015100	MOVE R07C61-L TO TIN-LEN.	00000151
00283	015200	PERFORM COPY-TEXT.	00000152
00284	015300		00000153
00285	015400	MOVE TOUT-STRING TO R15C20-D.	00000154
00286	015500		00000155
00287	015600	COMPRESS-CITY.	00000156
00288	015700		00000157
00289	015800	MOVE SPACES TO TOUT-STRING.	00000158
00290	015900	MOVE 1 TO TOUT-LEN.	00000159
00291	016000		00000160
00292	016100	MOVE R09C09-D TO TIN-STRING.	00000161
00293	016200	MOVE R09C09-L TO TIN-LEN.	00000162
00294	016300	PERFORM COPY-TEXT.	00000163
00295	016400		00000164
00296	016500	MOVE R09C37-D TO TIN-STRING.	00000165
00297	016600	MOVE R09C37-L TO TIN-LEN.	00000166
00298	016700	PERFORM COPY-TEXT.	00000167
00299	016800		00000168
00300	016900	MOVE TOUT-STRING TO R17C20-D.	00000169
00301	017000		00000170
00302	017100	COMPRESS-ZIP.	00000171
00303	017200		00000172
00304	017300	MOVE SPACES TO TOUT-STRING.	00000173
00305	017400	MOVE 1 TO TOUT-LEN.	00000174
00306	017500		00000175
00307	017600	MOVE R09C52-D TO TIN-STRING.	00000176
00308	017700	MOVE R09C52-L TO TIN-LEN.	00000177
00309	017800	PERFORM COPY-TEXT.	00000178
00310	017900		00000179
00311	018000	MOVE TOUT-STRING TO R18C20-D.	00000180

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00312 018200 COPY-TEXT.                                00000182
00313 018300     PERFORM FIND-NON-BLANK                00000183
00314 018400     VARYING TIN-LEN      FROM TIN-LEN    BY -1 00000184
00315 018500     UNTIL TIN-LEN        = 1              00000185
00316 018600     OR TIN-BYTE (TIN-LEN) NOT = SPACE.    00000186
00317 018700     IF TIN-BYTE (TIN-LEN) NOT = SPACE    00000187
00318 018800     PERFORM MOVE-CHAR                    00000188
00319 018900     VARYING TIN-MOVE FROM 1 BY 1          00000189
00320 019000     UNTIL TIN-MOVE > TIN-LEN              00000190
00321 019100     OR TOUT-LEN > 50                      00000191
00322 019200     ADD 1 TO TOUT-LEN.                    00000192
00323 019300                                           00000193
00324 019400 FIND-NON-BLANK.                          00000194
00325 019500                                           00000195
00326 019600 MOVE-CHAR.                                00000196
00327 019700     MOVE TIN-BYTE (TIN-MOVE) TO TOUT-BYTE (TOUT-LEN). 00000197
00328 019800     ADD 1 TO TOUT-LEN.                    00000198
00329 019900                                           00000199
00330 020000 CLEAR-INPUT.                              00000200
00331 020100     MOVE SPACES TO FNAME-D                00000201
00332 020200     MNAME-D                              00000202
00333 020300     LNAME-D                              00000203
00334 020400     R07C17-D                             00000204
00335 020500     R07C33-D                             00000205
00336 020600     R07C61-D                             00000206
00337 020700     R08C17-D                             00000207
00338 020800     R09C09-D                             00000208
00339 020900     R09C37-D                             00000209
00340 021000     R09C52-D.                             00000210
00341 021100     MOVE 'X' TO FNAME-C.                  00000211
00342 021200                                           00000212
00343 021300 CLEAR-OUTPUT.                             00000213
00344 021400     MOVE SPACES TO R14C20-D               00000214
00345 021500     R15C20-D                             00000215
00346 021600     R16C20-D                             00000216
00347 021700     R17C20-D                             00000217
00348 021800     R18C20-D.                             00000218
00349 021900 CALL-3270-IO.                             00000219
00350 022000                                           00000220
00351 022100     CALL 'DYNALOAD' USING WS-MODULE-BLK 00000221
00352 022200     IOCB                                  00000222
00353 022300     DEMOPAN.                              00000223
00354 022400*                                           00000224

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Comment [MSOffice21]: What is R07C17-D?
That is why I suggest you define meaningful names for the data fields.

Comment [MSOffice22]: This indicates that upon a write to the screen, the cursor will be placed on the FNAME field.

Comment [MSOffice23]: This is a dynamic call to the module indicated in WS-MODULE-BLK. See the text if you want to use static calls.

CONDENSED LISTING

193	MOVE	0007EA	194	MOVE	0007F4	195	PERFORM	0007FA
196	PERFORM	000818	197	PERFORM	000836	199	PERFORM	000854
202	MOVE	00087E	203	PERFORM	000884	207	MOVE	0008A2
208	STOP	0008A8	212	MOVE	0008AE	214	PERFORM	0008B4
216	IF	0008D2	217	PERFORM	0008DE	219	ELSE	0008FC
219	IF	000902	220	PERFORM	00090E	227	MOVE	000932
228	MOVE	000938	230	IF	00094C	231	MOVE	00095E
232	ADD	00096E	234	IF	00097A	235	PERFORM	000988
237	ELSE	0009A6	237	PERFORM	0009AC	238	MOVE	0009CA
241	PERFORM	0009E0	242	PERFORM	0009FE	243	MOVE	000A1C
244	PERFORM	000A2C	245	PERFORM	000A4A	248	MOVE	000A6E
249	MOVE	000A78	251	MOVE	000A7E	252	MOVE	000A8E
253	PERFORM	000A94	255	MOVE	000AB2	256	MOVE	000AC2
257	PERFORM	000AC8	259	MOVE	000AE6	260	MOVE	000AF6
261	PERFORM	000AFC	263	MOVE	000B1A	266	MOVE	000B26
267	MOVE	000B30	269	MOVE	000B36	270	MOVE	000B46
271	PERFORM	000B4C	273	MOVE	000B6A	274	MOVE	000B7A
275	PERFORM	000B80	277	IF	000B9E	278	MOVE	000BB4
279	MOVE	000BC4	280	PERFORM	000BCA	281	MOVE	000BE8
282	MOVE	000BF8	283	PERFORM	000BFE	285	MOVE	000C1C
289	MOVE	000C28	290	MOVE	000C32	292	MOVE	000C38
293	MOVE	000C48	294	PERFORM	000C4E	296	MOVE	000C6C
297	MOVE	000C7C	298	PERFORM	000C82	300	MOVE	000CA0
304	MOVE	000CAC	305	MOVE	000CB6	307	MOVE	000CBC
308	MOVE	000CCC	309	PERFORM	000CD2	311	MOVE	000CF0
313	PERFORM	000CFC	317	IF	000D6A	318	PERFORM	000D8E
322	ADD	000DE6	327	MOVE	000DFE	328	ADD	000E38
331	MOVE	000E4A	341	MOVE	000EA8	344	MOVE	000EB4
351	CALL	000EEC						

STATISTICS SOURCE RECORDS = 353 DATA DIVISION STATEMENTS = 141 PROCEDURE DIVISION STATEMENTS = 85
 OPTIONS IN EFFECT SIZE = 2097152 BUF = 1048576 LINECNT = 57 SPACE1, FLAGW, SEQ, SOURCE
 OPTIONS IN EFFECT NODMAP, NOPMAP, CLIST, SUPMAP, NOXREF, LOAD, NODECK, APOST, NOTRUNC, LIB, VERB
 OPTIONS IN EFFECT ZWB

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CARD ERROR MESSAGE

220	IKF4072I-W	EXIT FROM PERFORMED PROCEDURE ASSUMED BEFORE PROCEDURE-NAME .
238	IKF4072I-W	EXIT FROM PERFORMED PROCEDURE ASSUMED BEFORE PROCEDURE-NAME .
322	IKF4072I-W	EXIT FROM PERFORMED PROCEDURE ASSUMED BEFORE PROCEDURE-NAME .