

```
Command . . . . . : CRTBNDRPG
Issued by . . . . . : DC433E01
Program . . . . . : PHONESQL
Library . . . . . : DC433E01
Text 'description' . . . . . : *SRCMBRTXT

Source Member . . . . . : PHONESQL
Source File . . . . . : QSQLTEMP1
Library . . . . . : QTEMP
CCSID . . . . . : 37
Text 'description' . . . . . : EMBEDDED SQL COMPLETE
Last Change . . . . . : 07/29/21 02:34:43

Generation severity level . . . : 10
Default activation group . . . : *YES
Compiler options . . . . . :
    *XREF          *GEN          *NOSECLVL  *SHOWCPY
    *EXPDDS        *EXT          *NOSHOWSKP *NOSRCSTMT
    *DEBUGIO       *UNREF        *EVENTF

Debugging views . . . . . : *ALL
Debug encryption key . . . . . : *NONE
Output . . . . . : *PRINT
Optimization level . . . . . : *NONE
Source listing indentation . . . : *NONE
Type conversion options . . . . : *NONE
Sort sequence . . . . . : *JOB
Language identifier . . . . . : *JOB
Replace program . . . . . : *YES
User profile . . . . . : *USER
Authority . . . . . : *LIBCRTAUT
Truncate numeric . . . . . : *YES
Fix numeric . . . . . : *NONE
Target release . . . . . : V7R4M0
Allow null values . . . . . : *NO
Define condition names . . . . . : *NONE
Enable performance collection . : *PEP
Profiling data . . . . . : *NOCOL
Licensed Internal Code options . :
Generate program interface . . . : *NO
Include directory . . . . . :
Preprocessor options . . . . . : *NONE
```

Line <----- Source Specifications -----><---- Comments ----> Do Page Change Src Seq
Number1....+....2....+....3....+....4....+....5....+....6....+....7....+....8....+....9....+...10 Num Line Date Id Number

S o u r c e L i s t i n g

```
1 // *****
2 // CUSTOMER20 READ BY NATIVE LANGUAGE (ILE RPG)
3 // CONTACTS20 ROW RETRIEVED WITH EMBEDDED SQL
4 // DETAIL REPORT LINE INCLUDES INFORMATION FROM CUSTOMER20 AND CONTACTS20
5 // SUMMARY REPORT INFORMATION RETRIEVED WITH EMBEDDED SQL STATEMENTS
6
7 DCL-F PHNREPORT PRINTER OFLIND(*IN01) ;
*-----*
*                               RPG name      External name      *
* File name. . . . . : PHNREPORT      DC433E01/PHNREPORT      *
* Record format(s) . . . . : NEWPAGE      NEWPAGE              *
*                               RPTLINE      RPTLINE              *
*                               SUMMARY      SUMMARY              *
*-----*
8 DCL-F CUSTOMER20 DISK(*EXT) KEYED USAGE(*INPUT)
9 RENAME(CUSTOMER20:CUSTR);
*-----*
*                               RPG name      External name      *
* File name. . . . . : CUSTOMER20      BCI433LIB/CUSTOMER20      *
* Record format(s) . . . . : CUSTR      CUSTOMER20              *
*-----*
10 // data structure for host variables from CONTACTS20
11 DCL-DS CONTACTS20 EXT END-DS;
*-----*
* Data structure . . . . . : CONTACTS20
* External format . . . . . : CONTACTS20 : BCI433LIB/CONTACTS20
*-----*
12=D CNTNUM          5P 0          contact number          1000001
13=D CSTNUM          5P 0          bill to number            1000002
14=D PHNLDC         10D   DATFMT (*ISO-) last call date        1000003
15=D PHNCIT         3S 0          call back interval         1000004
16=D CSTCTC         30A          contacts name                1000005
17=D CSTPHN         15A          contacts phone number        1000006
18=D CSTSLN         3A          sales number                  1000007
19=D PHNCOM         25A   VARYING comments                    1000008
20 // Standalone fields for indicator variables
21 DCL-S INDLastCDate BINDEC(4:0);
22 DCL-S INDNextCDate BINDEC(4:0);
23
24 DCL-S Dummy Zoned(1);
25
26 //*****
27 //*                               ***   M A I N   R O U T I N E   ***
28 //*****
29
30 /SET CCSID(*CHAR:*JOB RUN MIX)
31 // SQL COMMUNICATION AREA //SQL
32 DCL-DS SQLCA; //SQL
33 SQLCAID CHAR(8) INZ(X'0000000000000000'); //SQL
```

| Line Number | Source Specifications | Comments | Do Num | Page Line | Change Date | Src Id | Seq Number |
|-------------|--|----------|--------|-----------|-------------|--------|------------|
| 34 | SQLAID CHAR(8) OVERLAY(SQLCAID); | //SQL | | | | | 002100 |
| 35 | SQLCABC INT(10); | //SQL | | | | | 002100 |
| 36 | SQLABC BINDEC(9) OVERLAY(SQLCABC); | //SQL | | | | | 002100 |
| 37 | SQLCODE INT(10); | //SQL | | | | | 002100 |
| 38 | SQLCOD BINDEC(9) OVERLAY(SQLCODE); | //SQL | | | | | 002100 |
| 39 | SQLERRML INT(5); | //SQL | | | | | 002100 |
| 40 | SQLERL BINDEC(4) OVERLAY(SQLERRML); | //SQL | | | | | 002100 |
| 41 | SQLERRMC CHAR(70); | //SQL | | | | | 002100 |
| 42 | SQLERM CHAR(70) OVERLAY(SQLERRMC); | //SQL | | | | | 002100 |
| 43 | SQLERP CHAR(8); | //SQL | | | | | 002100 |
| 44 | SQLERP CHAR(8) OVERLAY(SQLERP); | //SQL | | | | | 002100 |
| 45 | SQLERR CHAR(24); | //SQL | | | | | 002100 |
| 46 | SQLER1 BINDEC(9) OVERLAY(SQLERR:*NEXT); | //SQL | | | | | 002100 |
| 47 | SQLER2 BINDEC(9) OVERLAY(SQLERR:*NEXT); | //SQL | | | | | 002100 |
| 48 | SQLER3 BINDEC(9) OVERLAY(SQLERR:*NEXT); | //SQL | | | | | 002100 |
| 49 | SQLER4 BINDEC(9) OVERLAY(SQLERR:*NEXT); | //SQL | | | | | 002100 |
| 50 | SQLER5 BINDEC(9) OVERLAY(SQLERR:*NEXT); | //SQL | | | | | 002100 |
| 51 | SQLER6 BINDEC(9) OVERLAY(SQLERR:*NEXT); | //SQL | | | | | 002100 |
| 52 | SQLERRD INT(10) DIM(6) OVERLAY(SQLERR); | //SQL | | | | | 002100 |
| 53 | SQLWRN CHAR(11); | //SQL | | | | | 002100 |
| 54 | SQLWN0 CHAR(1) OVERLAY(SQLWRN:*NEXT); | //SQL | | | | | 002100 |
| 55 | SQLWN1 CHAR(1) OVERLAY(SQLWRN:*NEXT); | //SQL | | | | | 002100 |
| 56 | SQLWN2 CHAR(1) OVERLAY(SQLWRN:*NEXT); | //SQL | | | | | 002100 |
| 57 | SQLWN3 CHAR(1) OVERLAY(SQLWRN:*NEXT); | //SQL | | | | | 002100 |
| 58 | SQLWN4 CHAR(1) OVERLAY(SQLWRN:*NEXT); | //SQL | | | | | 002100 |
| 59 | SQLWN5 CHAR(1) OVERLAY(SQLWRN:*NEXT); | //SQL | | | | | 002100 |
| 60 | SQLWN6 CHAR(1) OVERLAY(SQLWRN:*NEXT); | //SQL | | | | | 002100 |
| 61 | SQLWN7 CHAR(1) OVERLAY(SQLWRN:*NEXT); | //SQL | | | | | 002100 |
| 62 | SQLWN8 CHAR(1) OVERLAY(SQLWRN:*NEXT); | //SQL | | | | | 002100 |
| 63 | SQLWN9 CHAR(1) OVERLAY(SQLWRN:*NEXT); | //SQL | | | | | 002100 |
| 64 | SQLWNA CHAR(1) OVERLAY(SQLWRN:*NEXT); | //SQL | | | | | 002100 |
| 65 | SQLWARN CHAR(1) DIM(11) OVERLAY(SQLWRN); | //SQL | | | | | 002100 |
| 66 | SQLSTATE CHAR(5); | //SQL | | | | | 002100 |
| 67 | SQLSTT CHAR(5) OVERLAY(SQLSTATE); | //SQL | | | | | 002100 |
| 68 | END-DS SQLCA; | //SQL | | | | | 002100 |
| 69 | DCL-PR SQLROUTE_CALL EXTPGM(SQLROUTE); | //SQL | | | | | 002100 |
| 70 | CA LIKEDS(SQLCA); | //SQL | | | | | 002100 |
| 71 | *N BINDEC(4) OPTIONS(*NOPASS); | //SQL | | | | | 002100 |
| 72 | *N CHAR(1) OPTIONS(*NOPASS); | //SQL | | | | | 002100 |
| 73 | END-PR SQLROUTE_CALL; | //SQL | | | | | 002100 |
| 74 | DCL-PR SQLOPEN_CALL EXTPGM(SQLOPEN); | //SQL | | | | | 002100 |
| 75 | CA LIKEDS(SQLCA); | //SQL | | | | | 002100 |
| 76 | *N BINDEC(4); | //SQL | | | | | 002100 |
| 77 | END-PR SQLOPEN_CALL; | //SQL | | | | | 002100 |
| 78 | DCL-PR SQLCLSE_CALL EXTPGM(SQLCLSE); | //SQL | | | | | 002100 |
| 79 | CA LIKEDS(SQLCA); | //SQL | | | | | 002100 |
| 80 | *N BINDEC(4); | //SQL | | | | | 002100 |
| 81 | END-PR SQLCLSE_CALL; | //SQL | | | | | 002100 |
| 82 | DCL-PR SQLCMIT_CALL EXTPGM(SQLCMIT); | //SQL | | | | | 002100 |
| 83 | CA LIKEDS(SQLCA); | //SQL | | | | | 002100 |
| 84 | *N BINDEC(4); | //SQL | | | | | 002100 |
| 85 | END-PR SQLCMIT_CALL; | //SQL | | | | | 002100 |
| 86 | /RESTORE CCSID(*CHAR) | | | | | | 002100 |
| 87 | DCL-C SQLROUTE CONST('QSYS/QSQLROUTE'); | //SQL | | | | | 002100 |
| 88 | DCL-C SQLOPEN CONST('QSYS/QSQLROUTE'); | //SQL | | | | | 002100 |
| 89 | DCL-C SQLCLSE CONST('QSYS/QSQLCLSE'); | //SQL | | | | | 002100 |

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| 90 | DCL-C | SQLCMIT | CONST('QSYS/QSQLCMIT'); | | | | | | | | | | | | 002100 |
| 91 | DCL-C | SQFRD | CONST(2); | | | | | | | | | | | | 002100 |
| 92 | DCL-C | SQFCRT | CONST(8); | | | | | | | | | | | | 002100 |
| 93 | DCL-C | SQFOVR | CONST(16); | | | | | | | | | | | | 002100 |
| 94 | DCL-C | SQFAPP | CONST(32); | | | | | | | | | | | | 002100 |
| 95 | D | | DS | | | | | | | | | | | | 004806 |
| 96 | D | SQL_00000 | 1 | 2B | 0 | INZ(128) | | | | | | | | | 004806 |
| 97 | D | SQL_00001 | 3 | 4B | 0 | INZ(1) | | | | | | | | | 004806 |
| 98 | D | SQL_00002 | 5 | 8U | 0 | INZ(0) | | | | | | | | | 004806 |
| 99 | D | SQL_00003 | 9 | 9A | | INZ('0') CCSID(*JOB RUN MIX) | | | | | | | | | 004806 |
| 100 | D | SQL_00004 | 10 | 128A | | CCSID(*JOB RUN MIX) | | | | | | | | | 004806 |
| 101 | D | SQL_00005 | 129 | 131P | 0 | | | | | | | | | | 004806 |
| 102 | D | SQL_00006 | 132 | 139D | | DATFMT(*MDY/) | | | | | | | | | 004806 |
| 103 | D | SQL_00008 | 140 | 147D | | DATFMT(*MDY/) | | | | | | | | | 004806 |
| 104 | D | SQL_00010 | 148 | 162A | | CCSID(*JOB RUN MIX) | | | | | | | | | 004806 |
| 105 | D | SQL_00011 | 163 | 189A | | VARYING CCSID(*JOB RUN MIX) | | | | | | | | | 004806 |
| 106 | D | SQL_00012 | 190 | 192A | | CCSID(*JOB RUN MIX) | | | | | | | | | 004806 |
| 107 | D | SQL_00007 | 193 | 194B | 0 | | | | | | | | | | 004806 |
| 108 | D | SQL_00009 | 195 | 196B | 0 | | | | | | | | | | 004806 |
| 109 | D | | DS | | | | | | | | | | | | 007502 |
| 110 | D | SQL_00013 | 1 | 2B | 0 | INZ(128) | | | | | | | | | 007502 |
| 111 | D | SQL_00014 | 3 | 4B | 0 | INZ(2) | | | | | | | | | 007502 |
| 112 | D | SQL_00015 | 5 | 8U | 0 | INZ(0) | | | | | | | | | 007502 |
| 113 | D | SQL_00016 | 9 | 9A | | INZ('0') CCSID(*JOB RUN MIX) | | | | | | | | | 007502 |
| 114 | D | SQL_00017 | 10 | 128A | | CCSID(*JOB RUN MIX) | | | | | | | | | 007502 |
| 115 | D | SQL_00018 | 129 | 131P | 0 | | | | | | | | | | 007502 |
| 116 | D | | DS | | | | | | | | | | | | 007510 |
| 117 | D | SQL_00019 | 1 | 2B | 0 | INZ(128) | | | | | | | | | 007510 |
| 118 | D | SQL_00020 | 3 | 4B | 0 | INZ(3) | | | | | | | | | 007510 |
| 119 | D | SQL_00021 | 5 | 8U | 0 | INZ(0) | | | | | | | | | 007510 |
| 120 | D | SQL_00022 | 9 | 9A | | INZ('0') CCSID(*JOB RUN MIX) | | | | | | | | | 007510 |
| 121 | D | SQL_00023 | 10 | 128A | | CCSID(*JOB RUN MIX) | | | | | | | | | 007510 |
| 122 | D | SQL_00024 | 129 | 131P | 0 | | | | | | | | | | 007510 |
| 123 | D | | DS | | | | | | | | | | | | 009204 |
| 124 | D | SQL_00025 | 1 | 2B | 0 | INZ(128) | | | | | | | | | 009204 |
| 125 | D | SQL_00026 | 3 | 4B | 0 | INZ(4) | | | | | | | | | 009204 |
| 126 | D | SQL_00027 | 5 | 8U | 0 | INZ(0) | | | | | | | | | 009204 |
| 127 | D | SQL_00028 | 9 | 9A | | INZ('0') CCSID(*JOB RUN MIX) | | | | | | | | | 009204 |
| 128 | D | SQL_00029 | 10 | 128A | | CCSID(*JOB RUN MIX) | | | | | | | | | 009204 |
| 129 | D | SQL_00030 | 129 | 131P | 0 | | | | | | | | | | 009204 |
| 130 | D | | DS | | | | | | | | | | | | 010302 |
| 131 | D | SQL_00031 | 1 | 2B | 0 | INZ(128) | | | | | | | | | 010302 |
| 132 | D | SQL_00032 | 3 | 4B | 0 | INZ(5) | | | | | | | | | 010302 |
| 133 | D | SQL_00033 | 5 | 8U | 0 | INZ(0) | | | | | | | | | 010302 |
| 134 | D | SQL_00034 | 9 | 9A | | INZ('0') CCSID(*JOB RUN MIX) | | | | | | | | | 010302 |
| 135 | D | SQL_00035 | 10 | 128A | | CCSID(*JOB RUN MIX) | | | | | | | | | 010302 |
| 136 | D | SQL_00036 | 129 | 136D | | DATFMT(*MDY/) | | | | | | | | | 010302 |
| 137 | D | | DS | | | | | | | | | | | | 012203 |
| 138 | D | SQL_00037 | 1 | 2B | 0 | INZ(128) | | | | | | | | | 012203 |
| 139 | D | SQL_00038 | 3 | 4B | 0 | INZ(6) | | | | | | | | | 012203 |
| 140 | D | SQL_00039 | 5 | 8U | 0 | INZ(0) | | | | | | | | | 012203 |
| 141 | D | SQL_00040 | 9 | 9A | | INZ('0') CCSID(*JOB RUN MIX) | | | | | | | | | 012203 |
| 142 | D | SQL_00041 | 10 | 128A | | CCSID(*JOB RUN MIX) | | | | | | | | | 012203 |
| 143 | D | SQL_00042 | 129 | 138A | | CCSID(*JOB RUN MIX) | | | | | | | | | 012203 |
| 144 | D | SQL_00043 | 139 | 164Z | | | | | | | | | | | 012203 |
| 145 | D | SQL_00044 | 165 | 174A | | CCSID(*JOB RUN MIX) | | | | | | | | | 012203 |

| Line Number | Source Specifications | Comments | Do Num | Page Line | Change Date | Src Id | Seq Number |
|-------------|---|----------|--------|-----------|-------------|--------|------------|
| 146=ICUSTR | | | | | | | 2000001 |
| | *-----* | | | | | | 2 |
| | * RPG record format : CUSTR | | | | | | 2 |
| | * External format : CUSTOMER20 : BCI433LIB/CUSTOMER20 | | | | | | 2 |
| | *-----* | | | | | | 2 |
| 147=I | P 1 3 OCSTNUM | | | | | | 2000002 |
| 148=I | A 4 33 CSTNAM | | | | | | 2000003 |
| 149=I | A 34 83 CSTADR | | | | | | 2000004 |
| 150=I | A 84 98 CSTPRV | | | | | | 2000005 |
| 151=I | A 99 104 PSTCDE | | | | | | 2000006 |
| 152=I | A 105 124 CSTCTY | | | | | | 2000007 |
| 153 | EXSR SummaryInfo; | | | | 070119 | | 002200 |
| 154 | WRITE NEWPAGE; | | | | 200709 | | 002300 |
| 155 | READ CUSTOMER20; | | | | 200326 | | 002400 |
| 156 | DOW NOT %EOF; | | B01 | | 070119 | | 002500 |
| 157 | EXSR SQLSelect; | | 01 | | 070119 | | 002600 |
| 158 | IF PHNLDC = OldestDate; | | B02 | | 210729 | | 002601 |
| 159 | HIGHLIGHT = '<-----'; | | 02 | | 210729 | | 002602 |
| 160 | ELSE; | | X02 | | 210729 | | 002604 |
| 161 | HIGHLIGHT = ' '; | | 02 | | 210729 | | 002605 |
| 162 | ENDIF; | | E02 | | 210729 | | 002606 |
| 163 | IF *IN01 = *ON; | | B02 | | 190313 | | 002700 |
| 164 | Write NEWPAGE; | | 02 | | 200709 | | 002800 |
| 165 | *IN01 = *OFF; | | 02 | | 190313 | | 002900 |
| 166 | ENDIF; | | E02 | | 070119 | | 003000 |
| 167 | Write RPTLINE; | | 01 | | 200709 | | 003100 |
| 168 | READ CUSTOMER20; | | 01 | | 200326 | | 003200 |
| 169 | ENDDO; | | E01 | | 070119 | | 003300 |
| 170 | Write SUMMARY; | | | | 190313 | | 003400 |
| 171 | *INLR = *ON; | | | | 070119 | | 003500 |
| 172 | RETURN; | | | | 070119 | | 003600 |
| 173 | ***** | | | | 080923 | | 003700 |
| 174 | // S Q L S E L E C T S U B R O U T I N E | | | | 080923 | | 003800 |
| 175 | ***** | | | | 080923 | | 003900 |
| 176 | BEGSR SQLSelect ; | | | | 080923 | | 004000 |
| 177 | // A row from the contacts table that has the same customer number as t | | | | 080923 | | 004100 |
| 178 | // read from the CUSTOMER20 file is retrieved to find out the last date | | | | 200326 | | 004200 |
| 179 | // phone number, comments and the salesperson number. | | | | 080923 | | 004300 |
| 180 | | | | | 080923 | | 004400 |
| 181 | // The call back interval is added to the last date called to determin | | | | 080923 | | 004500 |
| 182 | // next date to call. Since null values may be stored in the last dat | | | | 080923 | | 004600 |
| 183 | // indicator variables are used. | | | | 080923 | | 004700 |
| 184 | //* EXEC SQL | | | | 210729 | | 004800 |
| 185 | //* SELECT PHNLDC + PHNCIT DAYS, PHNLDC, | | | | 210729 | | 004801 |
| 186 | //* CSTPHN, PHNCOM, CSTSLN | | | | 210729 | | 004802 |
| 187 | //* INTO :NEXTCDATE :INDNextCDate, :PHNLDC :INDLastCDate, :CSTPHN, | | | | 210729 | | 004803 |
| 188 | //* :PHNCOM, :CSTSLN | | | | 210729 | | 004804 |
| 189 | //* FROM BCI433LIB/CONTACTS20 | | | | 210729 | | 004805 |
| 190 | //* WHERE CSTNUM =:CSTNUM; | | | | 210729 | | 004806 |
| 191 | SQL_00005 = CSTNUM; | //SQL | | | | | 004806 |
| 192 | SQLER6 = -4; | //SQL 1 | | | | | 004806 |
| 193 | SQLROUTE_CALL(| //SQL | | | | | 004806 |
| 194 | SQLCA | //SQL | | | | | 004806 |
| 195 | : SQL_00000 | //SQL | | | | | 004806 |

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|-------------|--|----------|--------|-----------|-------------|--------|------------|
| 196 |); | //SQL | | | | | 004806 |
| 197 | IF SQL_00003 = '1'; | //SQL | B01 | | | | 004806 |
| 198 | IF SQL_00007 >= 0; | //SQL | B02 | | | | 004806 |
| 199 | EVAL NEXTCDATE = SQL_00006; | //SQL | 02 | | | | 004806 |
| 200 | ENDIF; | //SQL | E02 | | | | 004806 |
| 201 | EVAL INDNEXTCDATE = SQL_00007; | //SQL | 01 | | | | 004806 |
| 202 | IF SQL_00009 >= 0; | //SQL | B02 | | | | 004806 |
| 203 | EVAL PHNLDC = SQL_00008; | //SQL | 02 | | | | 004806 |
| 204 | ENDIF; | //SQL | E02 | | | | 004806 |
| 205 | EVAL INDLASTCDATE = SQL_00009; | //SQL | 01 | | | | 004806 |
| 206 | EVAL CSTPHN = SQL_00010; | //SQL | 01 | | | | 004806 |
| 207 | EVAL PHNCOM = SQL_00011; | //SQL | 01 | | | | 004806 |
| 208 | EVAL CSTSLN = SQL_00012; | //SQL | 01 | | | | 004806 |
| 209 | ENDIF; | //SQL | E01 | | | | 004806 |
| 210 | | | | | 190314 | | 005500 |
| 211 | SELECT; | | B01 | | 210729 | | 006800 |
| 212 | WHEN SQLSTATE = '00000'; | | X01 | | 210729 | | 006801 |
| 213 | Dummy = 0; | | 01 | | 210729 | | 006802 |
| 214 | WHEN SQLSTATE = '02000'; | | X01 | | 210729 | | 006803 |
| 215 | CstPhn = 'No Found'; | | 01 | | 210729 | | 006804 |
| 216 | NEXTCDATE = D'9999-09-09'; | | 01 | | 210729 | | 006805 |
| 217 | PhnLDC = D'9999-09-09'; | | 01 | | 210729 | | 006806 |
| 218 | PhnCom = *All'*'; | | 01 | | 210729 | | 006807 |
| 219 | CstSln = *All'*'; | | 01 | | 210729 | | 006808 |
| 220 | WHEN %Subst(SQLState :1 :2) = '01'; | | X01 | | 210729 | | 006809 |
| 221 | NEXTCDATE = D'9999-09-09'; | | 01 | | 210729 | | 006810 |
| 222 | PhnLDC = D'9999-09-09'; | | 01 | | 210729 | | 006811 |
| 223 | PhnCom = *All'*'; | | 01 | | 210729 | | 006812 |
| 224 | CstSln = *All'*'; | | 01 | | 210729 | | 006813 |
| 225 | CstPhn = *All'*'; | | 01 | | 210729 | | 006814 |
| 226 | OTHER; | | X01 | | 210729 | | 006815 |
| 227 | CstPhn = *All'*'; | | 01 | | 210729 | | 006816 |
| 228 | NEXTCDATE = D'9999-09-09'; | | 01 | | 210729 | | 006817 |
| 229 | PhnLDC = D'9999-09-09'; | | 01 | | 210729 | | 006818 |
| 230 | PhnCom = *All'*'; | | 01 | | 210729 | | 006819 |
| 231 | CstSln = *All'*'; | | 01 | | 210729 | | 006820 |
| 232 | ENDSL; | | E01 | | 210729 | | 006821 |
| 233 | | | | | 210729 | | 006822 |
| 234 | IF IndLastCDate = -1; | | B01 | | 210729 | | 006823 |
| 235 | CSTPHN = 'UNKNOWN DATE'; | | 01 | | 210729 | | 006824 |
| 236 | NEXTCDATE = D'9999-09-09'; | | 01 | | 210729 | | 006825 |
| 237 | PHNLDC = D'9999-09-09'; | | 01 | | 210729 | | 006826 |
| 238 | ELSE; | | X01 | | 210729 | | 006827 |
| 239 | IF IndLastCDate <> 0; | | B02 | | 210729 | | 006828 |
| 240 | CSTPHN = 'DATE PROBLEM'; | | 02 | | 210729 | | 006829 |
| 241 | NEXTCDATE = D'9999-09-09'; | | 02 | | 210729 | | 006830 |
| 242 | PHNLDC = D'9999-09-09'; | | 02 | | 210729 | | 006831 |
| 243 | ENDIF; | | E02 | | 210729 | | 006832 |
| 244 | ENDIF; | | E01 | | 210729 | | 006833 |
| 245 | ENDSR ; | | | | 080923 | | 006900 |
| 246 | /****** | | | | 080923 | | 007000 |
| 247 | // S U M M A R Y I N F O S U B R O U T I N E | | | | 080923 | | 007100 |
| 248 | /****** | | | | 080923 | | 007200 |
| 249 | BEGSR SummaryInfo; | | | | 080923 | | 007300 |
| 250 | // D E T E R M I N E T O T A L S F O R CONTACTS20 & CUSTOMER20 | | | | 200709 | | 007400 |
| 251 | /* EXEC SQL | | | | 210729 | | 007500 |

| Line Number | Source Specifications | Comments | Do Num | Page Line | Change Date | Src Id | Seq Number |
|-------------|--|----------|--------|-----------|-------------|--------|------------|
| 252 | /* SELECT COUNT(*) INTO :CONTACTT | | | | 210729 | | 007501 |
| 253 | /* FROM BCI433LIB/CONTACTS20; | | | | 210729 | | 007502 |
| 254 | SQLER6 = -4; | //SQL 2 | | | | | 007502 |
| 255 | SQLROUTE_CALL(| //SQL | | | | | 007502 |
| 256 | SQLCA | //SQL | | | | | 007502 |
| 257 | : SQL_00013 | //SQL | | | | | 007502 |
| 258 |); | //SQL | | | | | 007502 |
| 259 | IF SQL_00016 = '1'; | //SQL | B01 | | | | 007502 |
| 260 | EVAL CONTACTT = SQL_00018; | //SQL | 01 | | | | 007502 |
| 261 | ENDIF; | //SQL | E01 | | | | 007502 |
| 262 | | | | | 210729 | | 007503 |
| 263 | IF (SQLCODE <> 0) OR (SQLWNO = 'W'); | | B01 | | 210729 | | 007504 |
| 264 | CONTACTT = -99999; | | 01 | | 210729 | | 007505 |
| 265 | ENDIF; | | E01 | | 210729 | | 007506 |
| 266 | | | | | 210729 | | 007507 |
| 267 | /* EXEC SQL | | | | 210729 | | 007508 |
| 268 | /* SELECT COUNT(*) INTO :CUSTOMERT | | | | 210729 | | 007509 |
| 269 | /* FROM BCI433LIB/CUSTOMER20; | | | | 210729 | | 007510 |
| 270 | SQLER6 = -4; | //SQL 3 | | | | | 007510 |
| 271 | SQLROUTE_CALL(| //SQL | | | | | 007510 |
| 272 | SQLCA | //SQL | | | | | 007510 |
| 273 | : SQL_00019 | //SQL | | | | | 007510 |
| 274 |); | //SQL | | | | | 007510 |
| 275 | IF SQL_00022 = '1'; | //SQL | B01 | | | | 007510 |
| 276 | EVAL CUSTOMERT = SQL_00024; | //SQL | 01 | | | | 007510 |
| 277 | ENDIF; | //SQL | E01 | | | | 007510 |
| 278 | | | | | 210729 | | 007511 |
| 279 | IF (SQLCODE <> 0) OR (SQLWNO = 'W'); | | B01 | | 210729 | | 007512 |
| 280 | CUSTOMERT = -99999; | | 01 | | 210729 | | 007513 |
| 281 | ENDIF; | | E01 | | 210729 | | 007514 |
| 282 | | | | | 210729 | | 007515 |
| 283 | // D E T E R M I N E N U M B E R O F U N K N O W N L A S T D A T E C A L L E D | | | | 190314 | | 009000 |
| 284 | | | | | 190314 | | 009100 |
| 285 | /* EXEC SQL | | | | 210729 | | 009200 |
| 286 | /* SELECT COUNT(*) | | | | 210729 | | 009201 |
| 287 | /* INTO :UNKNOWNNT | | | | 210729 | | 009202 |
| 288 | /* FROM BCI433LIB/CONTACTS20 | | | | 210729 | | 009203 |
| 289 | /* WHERE CstLastCallDate IS NULL; | | | | 210729 | | 009204 |
| 290 | SQLER6 = -4; | //SQL 4 | | | | | 009204 |
| 291 | SQLROUTE_CALL(| //SQL | | | | | 009204 |
| 292 | SQLCA | //SQL | | | | | 009204 |
| 293 | : SQL_00025 | //SQL | | | | | 009204 |
| 294 |); | //SQL | | | | | 009204 |
| 295 | IF SQL_00028 = '1'; | //SQL | B01 | | | | 009204 |
| 296 | EVAL UNKNOWNNT = SQL_00030; | //SQL | 01 | | | | 009204 |
| 297 | ENDIF; | //SQL | E01 | | | | 009204 |
| 298 | | | | | 210729 | | 009205 |
| 299 | | | | | 210729 | | 009206 |
| 300 | IF NOT(SQLCODE = 0) OR (SQLWNO = 'W'); | | B01 | | 210729 | | 009207 |
| 301 | UNKNOWNNT = -99999; | | 01 | | 210729 | | 009208 |
| 302 | ENDIF; | | E01 | | 210729 | | 009209 |
| 303 | | | | | 190314 | | 010000 |
| 304 | // D E T E R M I N E O L D E S T & M O S T R E C E N T L A S T | | | | 080923 | | 010100 |
| 305 | | | | | 080923 | | 010200 |
| 306 | /* EXEC SQL | | | | 210729 | | 010300 |
| 307 | /* SELECT MIN(PHNLDC) INTO :OldestDate | | | | 210729 | | 010301 |

| Line Number | Source Specifications | Comments | Do Num | Page Line | Change Date | Src Id | Seq Number |
|--|--|----------------|--------|-----------------------|-------------|--------|------------|
| 308 | FROM BCI433LIB/CONTACTS20; | | | | 210729 | | 010302 |
| 309 | SQLER6 = -4; | //SQL 5 | | | | | 010302 |
| 310 | SQLROUTE_CALL(| //SQL | | | | | 010302 |
| 311 | SQLCA | //SQL | | | | | 010302 |
| 312 | : SQL_00031 | //SQL | | | | | 010302 |
| 313 |); | //SQL | | | | | 010302 |
| 314 | IF SQL_00034 = '1'; | //SQL | B01 | | | | 010302 |
| 315 | EVAL OLDESTDATE = SQL_00036; | //SQL | 01 | | | | 010302 |
| 316 | ENDIF; | //SQL | E01 | | | | 010302 |
| 317 | | | | | 210729 | | 010303 |
| 318 | IF (SQLCODE <> 0) OR (SQLWNO = 'W') AND | | B01 | | 210729 | | 010304 |
| 319 | (SQLWNO2 <> 'W'); | | B01 | | 210729 | | 010305 |
| 320 | OldestDate = D'9999-09-09'; | | 01 | | 210729 | | 010306 |
| 321 | ENDIF; | | E01 | | 210729 | | 010307 |
| 322 | | | | | 190314 | | 012000 |
| 323 | // D E T E R M I N E T H E U S E R S E R V E R & T I M E S T A | | | | 080923 | | 012100 |
| 324 | //* EXEC SQL | | | | 210729 | | 012200 |
| 325 | //* SELECT USER, CURRENT TIMESTAMP, CURRENT SERVER | | | | 210729 | | 012201 |
| 326 | //* INTO :User, :TimeStamp, :Server | | | | 210729 | | 012202 |
| 327 | //* FROM SYSIBM/SYSDUMMY1; | | | | 210729 | | 012203 |
| 328 | SQLER6 = -4; | //SQL 6 | | | | | 012203 |
| 329 | SQLROUTE_CALL(| //SQL | | | | | 012203 |
| 330 | SQLCA | //SQL | | | | | 012203 |
| 331 | : SQL_00037 | //SQL | | | | | 012203 |
| 332 |); | //SQL | | | | | 012203 |
| 333 | IF SQL_00040 = '1'; | //SQL | B01 | | | | 012203 |
| 334 | EVAL USER = SQL_00042; | //SQL | 01 | | | | 012203 |
| 335 | EVAL TIMESTAMP = SQL_00043; | //SQL | 01 | | | | 012203 |
| 336 | EVAL SERVER = SQL_00044; | //SQL | 01 | | | | 012203 |
| 337 | ENDIF; | //SQL | E01 | | | | 012203 |
| 338 | | | | | 190314 | | 012300 |
| 339 | | | | | 190314 | | 012400 |
| 340 | | | | | 190314 | | 012500 |
| 341 | | | | | 190314 | | 012600 |
| 342 | | | | | 190314 | | 012700 |
| 343 | ENDSR; | | | | 080923 | | 012800 |
| 344=ONEWPAGE | | | | | | | 3000001 |
| *-----* | | | | | | | 3 |
| * RPG record format : NEWPAGE | | | | | | | 3 |
| * External format : NEWPAGE : DC433E01/PHNREPORT | | | | | | | 3 |
| *-----* | | | | | | | 3 |
| 345=O | TIMESTAMP | 26Z TMSP | 26 | | | | 3000002 |
| 346=O | USER | 36A CHAR | 10 | | | | 3000003 |
| 347=O | SERVER | 46A CHAR | 10 | | | | 3000004 |
| 348=ORPTLINE | | | | | | | 4000001 |
| *-----* | | | | | | | 4 |
| * RPG record format : RPTLINE | | | | | | | 4 |
| * External format : RPTLINE : DC433E01/PHNREPORT | | | | | | | 4 |
| *-----* | | | | | | | 4 |
| 349=O | CSTSLN | 3A CHAR | 3 | sales number | | | 4000002 |
| 350=O | CSTNUM | 8S ZONE | 5,0 | | | | 4000003 |
| 351=O | CSTNAM | 38A CHAR | 30 | | | | 4000004 |
| 352=O | CSTPHN | 53A CHAR | 15 | contacts phone number | | | 4000005 |
| 353=O | PHNLDC | 63D DATE *ISO- | 10 | last call date | | | 4000006 |
| 354=O | HIGHLIGHT | 71A CHAR | 8 | | | | 4000007 |
| 355=O | NEXTCDATE | 81D DATE *ISO- | 10 | | | | 4000008 |

| Line | <----- Source Specifications -----> | | | | | | | | | | <----- Comments -----> | Do | Page | Change | Src | Seq | |
|---|--|------------|------------|------------|------------|------------|------------|------------|------------|---------|------------------------|----------|------|--------|-----|--------|---------|
| Number |1.... | +....2.... | +....3.... | +....4.... | +....5.... | +....6.... | +....7.... | +....8.... | +....9.... | +....10 | | Num | Line | Date | Id | Number | |
| 356=O | SUMMARY | | | | | | | | | | | | | | | | 5000001 |
| | *-----* | | | | | | | | | | | | | | | | 5 |
| | * RPG record format : SUMMARY | | | | | | | | | | | | | | | | 5 |
| | * External format : SUMMARY : DC433E01/PHNREPORT | | | | | | | | | | | | | | | | 5 |
| | *-----* | | | | | | | | | | | | | | | | 5 |
| 357=O | CONTACTT | | | | | | | | | | 5S ZONE | 5,0 | | | | | 5000002 |
| 358=O | OLDESTDATE | | | | | | | | | | 15D DATE | *ISO- 10 | | | | | 5000003 |
| 359=O | CUSTOMERT | | | | | | | | | | 20S ZONE | 5,0 | | | | | 5000004 |
| 360=O | MOSTRECENT | | | | | | | | | | 30D DATE | *ISO- 10 | | | | | 5000005 |
| 361=O | UNKNOWNNT | | | | | | | | | | 35S ZONE | 5,0 | | | | | 5000006 |
| * * * * * E N D O F S O U R C E * * * * * | | | | | | | | | | | | | | | | | |

A d d i t i o n a l D i a g n o s t i c M e s s a g e s

| Msg id | Sv | Number | Seq | Message text |
|----------|----|--------|--------|--|
| *RNF7066 | 00 | 8 | 000800 | Record-Format CUSTR not used for input or output. |
| *RNF7086 | 00 | 8 | 000800 | RPG handles blocking for file CUSTOMER20. INFDS is updated only when blocks of data are transferred. |

* * * * * E N D O F A D D I T I O N A L D I A G N O S T I C M E S S A G E S * * * * *

O u t p u t B u f f e r P o s i t i o n s

| Line | Start | End | Field or Constant |
|------|-------|-----|-------------------|
|------|-------|-----|-------------------|

| Number | Pos | Pos | |
|--------|-----|-----|------------|
| 345 | 1 | 26 | TIMESTAMP |
| 346 | 27 | 36 | USER |
| 347 | 37 | 46 | SERVER |
| 349 | 1 | 3 | CSTSLN |
| 350 | 4 | 8 | CSTNUM |
| 351 | 9 | 38 | CSTNAM |
| 352 | 39 | 53 | CSTPHN |
| 353 | 54 | 63 | PHNLDC |
| 354 | 64 | 71 | HIGHLIGHT |
| 355 | 72 | 81 | NEXTCDATE |
| 357 | 1 | 5 | CONTACTT |
| 358 | 6 | 15 | OLDESTDATE |
| 359 | 16 | 20 | CUSTOMERT |
| 360 | 21 | 30 | MOSTRECENT |
| 361 | 31 | 35 | UNKNOWNNT |

* * * * * E N D O F O U T P U T B U F F E R P O S I T I O N * * * * *

Key Field Information

| File | Internal | External | |
|--|------------|------------|------------|
| Record | field name | field name | Attributes |
| 2 CUSTOMER20 | | | |
| File is not a keyed database file | | | |
| ***** END OF KEY FIELD INFORMATION ***** | | | |

C r o s s R e f e r e n c e

File and Record References:

| File Record | Device | References (D=Defined) |
|----------------|---------|------------------------|
| CUSTOMER20 | DISK | 8D 155 168 |
| CUSTR | | 9 146 |
| PHNREPORT | PRINTER | 7D |
| NEWPAGE | | 7D 154 164 344 |
| RPTLINE | | 7D 167 348 |
| SUMMARY | | 7D 170 356 |

Global Field References:

| Field | Attributes | References (D=Defined M=Modified) |
|---------------------|------------|-----------------------------------|
| *INLR | N(1) | 171M |
| *IN01 | N(1) | 7D 163 165M |
| *RNF7031 CNTNUM | P(5,0) | 12D |
| *RNF7031 CONTACTS20 | DS(94) | 11D |
| CONTACTT | P(5,0) | 260M 264M 357 |
| *RNF7031 CSTADR | A(50) | 149D |
| *RNF7031 CSTCTC | A(30) | 16D |
| *RNF7031 CSTCTY | A(20) | 152D |
| CSTNAM | A(30) | 148M 351 |
| CSTNUM | P(5,0) | 13D 147M 191 350 |
| CSTPHN | A(15) | 17D 206M 215M 225M |
| | | 227M 235M 240M 352 |
| *RNF7031 CSTPRV | A(15) | 150D |
| CSTSLN | A(3) | 18D 208M 219M 224M |
| | | 231M 349 |
| CUSTOMERT | P(5,0) | 276M 280M 359 |
| DUMMY | S(1,0) | 24D 213M |
| HIGHLIGHT | A(8) | 159M 161M 354 |
| INDLASTCDATE | B(4,0) | 21D 205M 234 239 |
| INDNEXTCDATE | B(4,0) | 22D 201M |
| MOSTRECENT | D(10*ISO-) | 360 |
| NEXTCDATE | D(10*ISO-) | 199M 216M 221M 228M |
| | | 236M 241M 355 |
| OLDESTDATE | D(10*ISO-) | 158 315M 320M 358 |
| *RNF7031 PHNCIT | S(3,0) | 15D |
| PHNCOM | A(25) | 19D 207M 218M 223M |
| | VARYING(2) | 230M |
| PHNLDC | D(10*ISO-) | 14D 158 203M 217M |
| | ALWNULL | 222M 229M 237M 242M |
| | | 353 |
| *RNF7031 PSTCDE | A(6) | 151D |
| SERVER | A(10) | 336M 347 |
| *RNF7031 SQFAPP | CONST | 94D |
| *RNF7031 SQFCRT | CONST | 92D |
| *RNF7031 SQFOVR | CONST | 93D |
| *RNF7031 SQFRD | CONST | 91D |
| SQL_00000 | B(4,0) | 96D 195 |
| *RNF7031 SQL_00001 | B(4,0) | 97D |
| *RNF7031 SQL_00002 | U(10,0) | 98D |
| SQL_00003 | A(1) | 99D 197 |
| *RNF7031 SQL_00004 | A(119) | 100D |
| SQL_00005 | P(5,0) | 101D 191M |

| | | | | | | |
|----------|--------------|------------|------|-----|-----|-----|
| | SQL_00006 | D(8*MDY/) | 102D | 199 | | |
| | SQL_00007 | B(4,0) | 107D | 198 | 201 | |
| | SQL_00008 | D(8*MDY/) | 103D | 203 | | |
| | SQL_00009 | B(4,0) | 108D | 202 | 205 | |
| | SQL_00010 | A(15) | 104D | 206 | | |
| | SQL_00011 | A(25) | 105D | 207 | | |
| | | VARYING(2) | | | | |
| | SQL_00012 | A(3) | 106D | 208 | | |
| | SQL_00013 | B(4,0) | 110D | 257 | | |
| *RNF7031 | SQL_00014 | B(4,0) | 111D | | | |
| *RNF7031 | SQL_00015 | U(10,0) | 112D | | | |
| | SQL_00016 | A(1) | 113D | 259 | | |
| *RNF7031 | SQL_00017 | A(119) | 114D | | | |
| | SQL_00018 | P(5,0) | 115D | 260 | | |
| | SQL_00019 | B(4,0) | 117D | 273 | | |
| *RNF7031 | SQL_00020 | B(4,0) | 118D | | | |
| *RNF7031 | SQL_00021 | U(10,0) | 119D | | | |
| | SQL_00022 | A(1) | 120D | 275 | | |
| *RNF7031 | SQL_00023 | A(119) | 121D | | | |
| | SQL_00024 | P(5,0) | 122D | 276 | | |
| | SQL_00025 | B(4,0) | 124D | 293 | | |
| *RNF7031 | SQL_00026 | B(4,0) | 125D | | | |
| *RNF7031 | SQL_00027 | U(10,0) | 126D | | | |
| | SQL_00028 | A(1) | 127D | 295 | | |
| *RNF7031 | SQL_00029 | A(119) | 128D | | | |
| | SQL_00030 | P(5,0) | 129D | 296 | | |
| | SQL_00031 | B(4,0) | 131D | 312 | | |
| *RNF7031 | SQL_00032 | B(4,0) | 132D | | | |
| *RNF7031 | SQL_00033 | U(10,0) | 133D | | | |
| | SQL_00034 | A(1) | 134D | 314 | | |
| *RNF7031 | SQL_00035 | A(119) | 135D | | | |
| | SQL_00036 | D(8*MDY/) | 136D | 315 | | |
| | SQL_00037 | B(4,0) | 138D | 331 | | |
| *RNF7031 | SQL_00038 | B(4,0) | 139D | | | |
| *RNF7031 | SQL_00039 | U(10,0) | 140D | | | |
| | SQL_00040 | A(1) | 141D | 333 | | |
| *RNF7031 | SQL_00041 | A(119) | 142D | | | |
| | SQL_00042 | A(10) | 143D | 334 | | |
| | SQL_00043 | Z(26) | 144D | 335 | | |
| | SQL_00044 | A(10) | 145D | 336 | | |
| *RNF7031 | SQLABC | B(9,0) | 36D | | | |
| *RNF7031 | SQLAID | A(8) | 34D | | | |
| | SQLCA | DS(136) | 32D | 70 | 75 | 79 |
| | | | 83 | 194 | 256 | 272 |
| | | | 292 | 311 | 330 | |
| | SQLCABC | I(10,0) | 35D | 36 | | |
| | SQLCAID | A(8) | 33D | 34 | | |
| | SQLCLSE | CONST | 78 | 89D | | |
| *RNF7031 | SQLCLSE_CALL | PROTOTYPE | 78D | | | |
| | SQLCMIT | CONST | 82 | 90D | | |
| *RNF7031 | SQLCMIT_CALL | PROTOTYPE | 82D | | | |
| *RNF7031 | SQLCOD | B(9,0) | 38D | | | |
| | SQLCODE | I(10,0) | 37D | 38 | 263 | 279 |
| | | | 300 | 318 | | |
| *RNF7031 | SQLERL | B(4,0) | 40D | | | |
| *RNF7031 | SQLERM | A(70) | 42D | | | |
| *RNF7031 | SQLERP | A(8) | 44D | | | |
| | SQLERR | A(24) | 45D | 46 | 47 | 48 |

DC433E01 TAREQ ABDI

M e s s a g e S u m m a r y

| Msg id | Sv | Number | Message text |
|----------|----|--------|---|
| *RNF7031 | 00 | 56 | The name or indicator is not referenced. |
| *RNF7066 | 00 | 1 | Record-Format name of Externally-Described file is not used. |
| *RNF7086 | 00 | 1 | RPG handles blocking for the file. INFDS is updated only when blocks of data are transferred. |

* * * * * E N D O F M E S S A G E S U M M A R Y * * * * *

F i n a l S u m m a r y

Message Totals:

| | | | | | | | | | |
|--------------|-------|---|---|---|---|---|---|---|----|
| Information | (00) | . | . | . | . | . | . | : | 58 |
| Warning | (10) | . | . | . | . | . | . | : | 0 |
| Error | (20) | . | . | . | . | . | . | : | 0 |
| Severe Error | (30+) | . | . | . | . | . | . | : | 0 |
| ----- | | | | | | | | | |
| Total | . | . | . | . | . | . | . | : | 58 |

Source Totals:

| | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|-----|
| Records | . | . | . | . | . | . | . | : | 361 |
| Specifications | . | . | . | . | . | . | . | : | 284 |
| Data records | . | . | . | . | . | . | . | : | 0 |
| Comments | . | . | . | . | . | . | . | : | 52 |

* * * * * E N D O F F I N A L S U M M A R Y * * * * *

Program PHONESQL placed in library DC433E01. 00 highest severity. Created on 07/29/21 at 02:34:43.

* * * * * E N D O F C O M P I L A T I O N * * * * *