

```
Command . . . . . : CRTBNDRPG
Issued by . . . . . : DC433E08
Program . . . . . : PHONESQL
Library . . . . . : DC433E08
Text 'description' . . . . . : *SRCMBRTXT

Source Member . . . . . : PHONESQL
Source File . . . . . : QSQLTEMP1
Library . . . . . : QTEMP
CCSID . . . . . : 37
Text 'description' . . . . . : EMBEDDED SQL COMPLETE
Last Change . . . . . : 08/17/21 16:39:35

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      DC433E08/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     DCL-S Dummy Zoned(1);
24
25     //*****
26     //*          ***  M A I N  R O U T I N E  ***
27     //*****
28
29     /SET CCSID(*CHAR:*JOB RUNMIX)
30     // SQL COMMUNICATION AREA      //SQL
31     DCL-DS SQLCA;      //SQL
32     SQLCAID CHAR(8) INZ(X'0000000000000000');      //SQL
33     SQLAID CHAR(8) OVERLAY(SQLCAID);      //SQL
```

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

Line Number	<----- Source Specifications -----><----- Comments ----->										Do Num	Page Line	Change Date	Src Id	Seq Number
90	DCL-C	SQFRD	CONST(2);												002100
91	DCL-C	SQFCRT	CONST(8);												002100
92	DCL-C	SQFOVR	CONST(16);												002100
93	DCL-C	SQFAPP	CONST(32);												002100
94	D		DS												004806
95	D	SQL_00000		1	2B	0	INZ(128)								004806
96	D	SQL_00001		3	4B	0	INZ(1)								004806
97	D	SQL_00002		5	8U	0	INZ(0)								004806
98	D	SQL_00003		9	9A		INZ('0') CCSID(*JOB RUN MIX)								004806
99	D	SQL_00004		10	128A		CCSID(*JOB RUN MIX)								004806
100	D	SQL_00005		129	131P	0									004806
101	D	SQL_00006		132	139D		DATFMT(*MDY/)								004806
102	D	SQL_00008		140	147D		DATFMT(*MDY/)								004806
103	D	SQL_00010		148	162A		CCSID(*JOB RUN MIX)								004806
104	D	SQL_00011		163	189A		VARYING CCSID(*JOB RUN MIX)								004806
105	D	SQL_00012		190	192A		CCSID(*JOB RUN MIX)								004806
106	D	SQL_00007		193	194B	0									004806
107	D	SQL_00009		195	196B	0									004806
108	D		DS												007502
109	D	SQL_00013		1	2B	0	INZ(128)								007502
110	D	SQL_00014		3	4B	0	INZ(2)								007502
111	D	SQL_00015		5	8U	0	INZ(0)								007502
112	D	SQL_00016		9	9A		INZ('0') CCSID(*JOB RUN MIX)								007502
113	D	SQL_00017		10	128A		CCSID(*JOB RUN MIX)								007502
114	D	SQL_00018		129	131P	0									007502
115	D		DS												007603
116	D	SQL_00019		1	2B	0	INZ(128)								007603
117	D	SQL_00020		3	4B	0	INZ(3)								007603
118	D	SQL_00021		5	8U	0	INZ(0)								007603
119	D	SQL_00022		9	9A		INZ('0') CCSID(*JOB RUN MIX)								007603
120	D	SQL_00023		10	128A		CCSID(*JOB RUN MIX)								007603
121	D	SQL_00024		129	131P	0									007603
122	D		DS												009104
123	D	SQL_00025		1	2B	0	INZ(128)								009104
124	D	SQL_00026		3	4B	0	INZ(4)								009104
125	D	SQL_00027		5	8U	0	INZ(0)								009104
126	D	SQL_00028		9	9A		INZ('0') CCSID(*JOB RUN MIX)								009104
127	D	SQL_00029		10	128A		CCSID(*JOB RUN MIX)								009104
128	D	SQL_00030		129	131P	0									009104
129	D		DS												010202
130	D	SQL_00031		1	2B	0	INZ(128)								010202
131	D	SQL_00032		3	4B	0	INZ(5)								010202
132	D	SQL_00033		5	8U	0	INZ(0)								010202
133	D	SQL_00034		9	9A		INZ('0') CCSID(*JOB RUN MIX)								010202
134	D	SQL_00035		10	128A		CCSID(*JOB RUN MIX)								010202
135	D	SQL_00036		129	136D		DATFMT(*MDY/)								010202
136	D		DS												010400
137	D	SQL_00037		1	2B	0	INZ(128)								010400
138	D	SQL_00038		3	4B	0	INZ(6)								010400
139	D	SQL_00039		5	8U	0	INZ(0)								010400
140	D	SQL_00040		9	9A		INZ('0') CCSID(*JOB RUN MIX)								010400
141	D	SQL_00041		10	128A		CCSID(*JOB RUN MIX)								010400
142	D	SQL_00042		129	136D		DATFMT(*MDY/)								010400
143	D		DS												012203
144	D	SQL_00043		1	2B	0	INZ(128)								012203
145	D	SQL_00044		3	4B	0	INZ(7)								012203

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146	D	SQL_00045	5 8U 0 INZ(0)					012203
147	D	SQL_00046	9 9A INZ('0') CCSID(*JOB RUN MIX)					012203
148	D	SQL_00047	10 128A CCSID(*JOB RUN MIX)					012203
149	D	SQL_00048	129 138A CCSID(*JOB RUN MIX)					012203
150	D	SQL_00049	139 164Z					012203
151	D	SQL_00050	165 174A CCSID(*JOB RUN MIX)					012203

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152=ICUSTR                                     2000001
*-----*                                     2
* RPG record format . . . . : CISTR                                     *
* External format . . . . : CUSTOMER20 : BCI433LIB/CUSTOMER20          *
*-----*                                     2
153=I      P      1      3 OCSTNUM                                     2000002
154=I      A      4      33 CSTNAM                                     2000003
155=I      A     34      83 CSTADR                                     2000004
156=I      A     84      98 CSTPRV                                     2000005
157=I      A     99     104 PSTCDE                                     2000006
158=I      A    105     124 CSTCTY                                     2000007

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159      EXSR SummaryInfo;                                     070119      002200
160      WRITE NEWPAGE;                                       200709      002300
161      READ CUSTOMER20;                                     200326      002400
162                                     210729      002401
163      DOW NOT %EOF;                                         B01          070119      002500
164      EXSR SQLSelect;                                       01          070119      002600
165                                     210729      002601
166      IF PHNLDC = OldestDate;                               B02          210729      002602
167      HIGHLIGHT = '<-----';                               02          210729      002604
168      ELSE;                                                  X02          210729      002605
169      HIGHLIGHT = ' ';                                       02          210729      002606
170      ENDIF;                                                 E02          210729      002607
171                                     210729      002608
172      IF *IN01 = *ON;                                         B02          190313      002700
173      Write NEWPAGE;                                         02          200709      002800
174      *IN01 = *OFF;                                          02          190313      002900
175      ENDIF;                                                 E02          070119      003000
176      Write RPTLINE;                                         01          200709      003100
177      READ CUSTOMER20;                                       01          200326      003200
178      ENDDO;                                                 E01          070119      003300
179      Write SUMMARY;                                         190313      003400
180      *INLR = *ON;                                           070119      003500
181      RETURN;                                               070119      003600
182      /*******
183      //  S Q L S E L E C T   S U B R O U T I N E
184      /*******
185      BEGSR      SQLSelect ;
186      // A row from the contacts table that has the same customer number as t
187      // read from the CUSTOMER20 file is retrieved to find out the last date
188      // phone number, comments and the salesperson number.
189
190      // The call back interval is added to the last date called to determin
191      // next date to call. Since null values may be stored in the last dat
192      // indicator variables are used.
193      /*** EXEC SQL

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Line Number	Source Specifications	Comments	Do Num	Page Line	Change Date	Src Id	Seq Number
194	//* SELECT PHNLDC + PHNCIT DAYS, PHNLDC,				210729		004801
195	//* CSTPHN, PHNCOM, CSTSLN				210729		004802
196	//* INTO :NEXTCDATE :INDNextCDate, :PHNLDC :INDLastCDate,				210729		004803
197	//* :CSTPHN, :PHNCOM, :CSTSLN				210729		004804
198	//* FROM BCI433LIB/CONTACTS20				210729		004805
199	//* WHERE CSTNUM = :CSTNUM;				210729		004806
200	SQL_00005 = CSTNUM;	//SQL					004806
201	SQLER6 = -4;	//SQL 1					004806
202	SQLROUTE_CALL(	//SQL					004806
203	SQLCA	//SQL					004806
204	: SQL_00000	//SQL					004806
205	);	//SQL					004806
206	IF SQL_00003 = '1';	//SQL	B01				004806
207	IF SQL_00007 >= 0;	//SQL	B02				004806
208	EVAL NEXTCDATE = SQL_00006;	//SQL	02				004806
209	ENDIF;	//SQL	E02				004806
210	EVAL INDNEXTCDATE = SQL_00007;	//SQL	01				004806
211	IF SQL_00009 >= 0;	//SQL	B02				004806
212	EVAL PHNLDC = SQL_00008;	//SQL	02				004806
213	ENDIF;	//SQL	E02				004806
214	EVAL INDLASTCDATE = SQL_00009;	//SQL	01				004806
215	EVAL CSTPHN = SQL_00010;	//SQL	01				004806
216	EVAL PHNCOM = SQL_00011;	//SQL	01				004806
217	EVAL CSTSLN = SQL_00012;	//SQL	01				004806
218	ENDIF;	//SQL	E01				004806
219					190314		004900
220	SELECT;		B01		210729		005000
221	WHEN SQLSTATE = '00000';		X01		210729		005001
222	Dummy = 0;		01		210729		005002
223	WHEN SQLSTATE = '02000';		X01		210729		005003
224	CstPhn = 'Not Found';		01		210729		005004
225	NEXTCDATE = D'9999-09-09';		01		210729		005005
226	PhnLDC = D'9999-09-09';		01		210729		005006
227	PhnCom = *ALL'*';		01		210729		005007
228	CstSln = *ALL'*';		01		210729		005008
229	WHEN %Subst(SQLState :1 :2) = '01';		X01		210729		005010
230	NEXTCDATE = D'9999-09-09';		01		210729		005011
231	PhnLDC = D'9999-09-09';		01		210729		005012
232	PhnCom = *ALL'*';		01		210729		005013
233	CstSln = *ALL'*';		01		210729		005014
234	CstPhn = *ALL'*';		01		210729		005015
235	OTHER;		X01		210729		005016
236	CstPhn = *ALL'*';		01		210729		005017
237	NEXTCDATE = D'9999-09-09';		01		210729		005018
238	PhnLDC = D'9999-09-09';		01		210729		005019
239	PhnCom = *ALL'*';		01		210729		005020
240	CstSln = *ALL'*';		01		210729		005021
241	ENDSL;		E01		210729		005024
242					210729		005025
243	IF IndLastCDate = -1;		B01		210729		005026
244	CstPhn = 'UNKNOWN DATE';		01		210729		005027
245	NEXTCDATE = D'9999-09-09';		01		210729		005028
246	PHNLDC = D'9999-09-09';		01		210729		005029
247	ELSE;		X01		210729		005030
248	IF IndLastCDate <> 0;		B02		210729		005031
249	CstPhn = 'DATE PROBLEM';		02		210729		005032

Line Number	Source Specifications	Comments	Do Num	Page Line	Change Date	Src Id	Seq Number
250	NEXTCDATE = D'9999-09-09';		02		210729		005033
251	PHNLDC = D'9999-09-09';		02		210729		005034
252	ENDIF;		E02		210729		005036
253	ENDIF;		E01		210729		005037
254					210729		005038
255	ENDSR ;				210729		006900
256					210729		006901
257	/**/*****				080923		007000
258	// S U M M A R Y I N F O S U B R O U T I N E				080923		007100
259	/**/*****				080923		007200
260	BEGSR SummaryInfo;				080923		007300
261	// D E T E R M I N E T O T A L S F O R CONTACTS20 & CUSTOMER20				200709		007400
262	/** EXEC SQL				210729		007500
263	/** SELECT COUNT(*) INTO :CONTACTT				210729		007501
264	/** FROM BCI433LIB/CONTACTS20;				210729		007502
265	SQLER6 = -4;	//SQL 2					007502
266	SQLROUTE_CALL(	//SQL					007502
267	SQLCA	//SQL					007502
268	: SQL_00013	//SQL					007502
269	);	//SQL					007502
270	IF SQL_00016 = '1';	//SQL	B01				007502
271	EVAL CONTACTT = SQL_00018;	//SQL	01				007502
272	ENDIF;	//SQL	E01				007502
273					210729		007503
274	IF (SQLCODE <> 0) OR (SQLWNO = 'W');		B01		210729		007504
275	CONTACTT = -99999;		01		210729		007505
276	ENDIF;		E01		210729		007506
277					190314		007600
278	/**EXEC SQL				210729		007601
279	/** SELECT COUNT(*) INTO :CUSTOMERT				210729		007602
280	/** FROM BCI433LIB/CUSTOMER20;				210729		007603
281	SQLER6 = -4;	//SQL 3					007603
282	SQLROUTE_CALL(	//SQL					007603
283	SQLCA	//SQL					007603
284	: SQL_00019	//SQL					007603
285	);	//SQL					007603
286	IF SQL_00022 = '1';	//SQL	B01				007603
287	EVAL CUSTOMERT = SQL_00024;	//SQL	01				007603
288	ENDIF;	//SQL	E01				007603
289	IF (SQLCODE <> 0) OR (SQLWNO = 'W');		B01		210729		007604
290	CUSTOMERT = -99999;		01		210729		007605
291	ENDIF;		E01		210729		007606
292					210729		007607
293	// 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
294	/** EXEC SQL				210729		009100
295	/** SELECT COUNT(*)				210729		009101
296	/** INTO :UNKNOWNNT				210729		009102
297	/** FROM BCI433LIB/CONTACTS20				210729		009103
298	/** WHERE CstLastCallDate IS NULL;				210729		009104
299	SQLER6 = -4;	//SQL 4					009104
300	SQLROUTE_CALL(	//SQL					009104
301	SQLCA	//SQL					009104
302	: SQL_00025	//SQL					009104
303	);	//SQL					009104
304	IF SQL_00028 = '1';	//SQL	B01				009104
305	EVAL UNKNOWNNT = SQL_00030;	//SQL	01				009104

Line Number	Source Specifications	Comments	Do Num	Page Line	Change Date	Src Id	Seq Number
306	ENDIF;	//SQL	E01				009104
307					210729		009105
308	IF NOT(SQLCODE = 0) OR (SQLWNO = 'W');		B01		210729		009106
309	UNKNOWNNT = -99999;		01		210729		009107
310	ENDIF;		E01		210729		009108
311					190314		009200
312	// 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
313	/* EXEC SQL				210729		010200
314	/* SELECT MIN(PHNLDC) INTO:OldestDate				210729		010201
315	/* FROM BCI433LIB/CONTACTS20;				210729		010202
316	SQLER6 = -4;	//SQL 5					010202
317	SQLROUTE_CALL(	//SQL					010202
318	SQLCA	//SQL					010202
319	: SQL_00031	//SQL					010202
320	);	//SQL					010202
321	IF SQL_00034 = '1';	//SQL	B01				010202
322	EVAL OLDESTDATE = SQL_00036;	//SQL	01				010202
323	ENDIF;	//SQL	E01				010202
324					210729		010204
325	IF (SQLCODE <> 0) OR (SQLWNO = 'W') AND		B01		210729		010205
326	(SQLWNO2 <> 'W');		B01		210729		010206
327	OldestDate = D'9999-09-09';		01		210729		010207
328	ENDIF;		E01		210729		010208
329					210729		010209
330	/*EXEC SQL				210729		010300
331	/* SELECT MAX(PHNLDC) INTO:MOSTRECENT				210729		010301
332	/* FROM BCI433LIB/CONTACTS20;				210729		010400
333	SQLER6 = -4;	//SQL 6					010400
334	SQLROUTE_CALL(	//SQL					010400
335	SQLCA	//SQL					010400
336	: SQL_00037	//SQL					010400
337	);	//SQL					010400
338	IF SQL_00040 = '1';	//SQL	B01				010400
339	EVAL MOSTRECENT = SQL_00042;	//SQL	01				010400
340	ENDIF;	//SQL	E01				010400
341					190314		010500
342	IF (SQLCODE <> 0) OR (SQLWNO = 'W')		B01		210729		010600
343	AND (SQLWNO2 <> 'W');		B01		210729		010601
344	MOSTRECENT = D'9999-09-09';		01		210729		010602
345	ENDIF;		E01		210729		010603
346					190314		010700
347	// 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
348	/*EXEC SQL				210729		012200
349	/* SELECT USER, CURRENT TIMESTAMP, CURRENT SERVER				210729		012201
350	/* INTO :User, :TimeStamp, :Server				210729		012202
351	/* FROM SYSIBM/SYSDUMMY1;				210729		012203
352	SQLER6 = -4;	//SQL 7					012203
353	SQLROUTE_CALL(	//SQL					012203
354	SQLCA	//SQL					012203
355	: SQL_00043	//SQL					012203
356	);	//SQL					012203
357	IF SQL_00046 = '1';	//SQL	B01				012203
358	EVAL USER = SQL_00048;	//SQL	01				012203
359	EVAL TIMESTAMP = SQL_00049;	//SQL	01				012203
360	EVAL SERVER = SQL_00050;	//SQL	01				012203
361	ENDIF;	//SQL	E01				012203

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	
362	ENDSR;													210729		012800
363	=ONEWPAGE															3000001
	-----															3
	* RPG record format : NEWPAGE															3
	* External format : NEWPAGE : DC433E08/PHNREPORT															3
	-----															3
364	=O															3000002
	TIMESTAMP															
	26Z TMSP															26
365	=O															3000003
	USER															
	36A CHAR															10
366	=O															3000004
	SERVER															
	46A CHAR															10
367	=ORPTLINE															4000001
	-----															4
	* RPG record format : RPTLINE															4
	* External format : RPTLINE : DC433E08/PHNREPORT															4
	-----															4
368	=O															4000002
	CSTSLN															
	3A CHAR															3
																sales number
369	=O															4000003
	CSTNUM															
	8S ZONE															5,0
370	=O															4000004
	CSTNAM															
	38A CHAR															30
371	=O															4000005
	CSTPHN															
	53A CHAR															15
																contacts phone number
372	=O															4000006
	PHNLDC															
	63D DATE *ISO-															10
																last call date
373	=O															4000007
	HIGHLIGHT															
	71A CHAR															8
374	=O															4000008
	NEXTCDATE															
	81D DATE *ISO-															10
375	=OSUMMARY															5000001
	-----															5
	* RPG record format : SUMMARY															5
	* External format : SUMMARY : DC433E08/PHNREPORT															5
	-----															5
376	=O															5000002
	CONTACTT															
	5S ZONE															5,0
377	=O															5000003
	OLDESTDATE															
	15D DATE *ISO-															10
378	=O															5000004
	CUSTOMERT															
	20S ZONE															5,0
379	=O															5000005
	MOSTRECENT															
	30D DATE *ISO-															10
380	=O															5000006
	UNKNOWNNT															
	35S ZONE															5,0
* * * * * 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	
364	1	26	TIMESTAMP
365	27	36	USER
366	37	46	SERVER
368	1	3	CSTSLN
369	4	8	CSTNUM
370	9	38	CSTNAM
371	39	53	CSTPHN
372	54	63	PHNLDC
373	64	71	HIGHLIGHT
374	72	81	NEXTCDATE
376	1	5	CONTACTT
377	6	15	OLDESTDATE
378	16	20	CUSTOMERT
379	21	30	MOSTRECENT
380	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

* * * * * E N D O F K E Y F I E L D I N F O R M A T I O N * * * * *

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 161 177
CUSTR		9 152
PHNREPORT	PRINTER	7D
NEWPAGE		7D 160 173 363
RPTLINE		7D 176 367
SUMMARY		7D 179 375

Global Field References:

Field	Attributes	References (D=Defined M=Modified)
*INLR	N(1)	180M
*IN01	N(1)	7D 172 174M
*RNF7031 CNTNUM	P(5,0)	12D
*RNF7031 CONTACTS20	DS(94)	11D
CONTACTT	P(5,0)	271M 275M 376
*RNF7031 CSTADR	A(50)	155D
*RNF7031 CSTCTC	A(30)	16D
*RNF7031 CSTCTY	A(20)	158D
CSTNAM	A(30)	154M 370
CSTNUM	P(5,0)	13D 153M 200 369
CSTPHN	A(15)	17D 215M 224M 234M
		236M 244M 249M 371
*RNF7031 CSTPRV	A(15)	156D
CSTSLN	A(3)	18D 217M 228M 233M
		240M 368
CUSTOMERT	P(5,0)	287M 290M 378
DUMMY	S(1,0)	23D 222M
HIGHLIGHT	A(8)	167M 169M 373
INDLASTCDATE	B(4,0)	21D 214M 243 248
INDNEXTCDATE	B(4,0)	22D 210M
MOSTRECENT	D(10*ISO-)	339M 344M 379
NEXTCDATE	D(10*ISO-)	208M 225M 230M 237M
		245M 250M 374
OLDESTDATE	D(10*ISO-)	166 322M 327M 377
*RNF7031 PHNCIT	S(3,0)	15D
PHNCOM	A(25)	19D 216M 227M 232M
	VARYING(2)	239M
PHNLDC	D(10*ISO-)	14D 166 212M 226M
	ALWNULL	231M 238M 246M 251M
		372
*RNF7031 PSTCDE	A(6)	157D
SERVER	A(10)	360M 366
*RNF7031 SQFAPP	CONST	93D
*RNF7031 SQFCRT	CONST	91D
*RNF7031 SQFOVR	CONST	92D
*RNF7031 SQFRD	CONST	90D
SQL_00000	B(4,0)	95D 204
*RNF7031 SQL_00001	B(4,0)	96D
*RNF7031 SQL_00002	U(10,0)	97D
SQL_00003	A(1)	98D 206
*RNF7031 SQL_00004	A(119)	99D
SQL_00005	P(5,0)	100D 200M

	SQL_00006	D(8*MDY/)	101D	208		
	SQL_00007	B(4,0)	106D	207	210	
	SQL_00008	D(8*MDY/)	102D	212		
	SQL_00009	B(4,0)	107D	211	214	
	SQL_00010	A(15)	103D	215		
	SQL_00011	A(25)	104D	216		
		VARYING(2)				
	SQL_00012	A(3)	105D	217		
	SQL_00013	B(4,0)	109D	268		
*RNF7031	SQL_00014	B(4,0)	110D			
*RNF7031	SQL_00015	U(10,0)	111D			
	SQL_00016	A(1)	112D	270		
*RNF7031	SQL_00017	A(119)	113D			
	SQL_00018	P(5,0)	114D	271		
	SQL_00019	B(4,0)	116D	284		
*RNF7031	SQL_00020	B(4,0)	117D			
*RNF7031	SQL_00021	U(10,0)	118D			
	SQL_00022	A(1)	119D	286		
*RNF7031	SQL_00023	A(119)	120D			
	SQL_00024	P(5,0)	121D	287		
	SQL_00025	B(4,0)	123D	302		
*RNF7031	SQL_00026	B(4,0)	124D			
*RNF7031	SQL_00027	U(10,0)	125D			
	SQL_00028	A(1)	126D	304		
*RNF7031	SQL_00029	A(119)	127D			
	SQL_00030	P(5,0)	128D	305		
	SQL_00031	B(4,0)	130D	319		
*RNF7031	SQL_00032	B(4,0)	131D			
*RNF7031	SQL_00033	U(10,0)	132D			
	SQL_00034	A(1)	133D	321		
*RNF7031	SQL_00035	A(119)	134D			
	SQL_00036	D(8*MDY/)	135D	322		
	SQL_00037	B(4,0)	137D	336		
*RNF7031	SQL_00038	B(4,0)	138D			
*RNF7031	SQL_00039	U(10,0)	139D			
	SQL_00040	A(1)	140D	338		
*RNF7031	SQL_00041	A(119)	141D			
	SQL_00042	D(8*MDY/)	142D	339		
	SQL_00043	B(4,0)	144D	355		
*RNF7031	SQL_00044	B(4,0)	145D			
*RNF7031	SQL_00045	U(10,0)	146D			
	SQL_00046	A(1)	147D	357		
*RNF7031	SQL_00047	A(119)	148D			
	SQL_00048	A(10)	149D	358		
	SQL_00049	Z(26)	150D	359		
	SQL_00050	A(10)	151D	360		
*RNF7031	SQLABC	B(9,0)	35D			
*RNF7031	SQLAID	A(8)	33D			
	SQLCA	DS(136)	31D	69	74	78
			82	203	267	283
			301	318	335	354
	SQLCABC	I(10,0)	34D	35		
	SQLCAID	A(8)	32D	33		
	SQLCLSE	CONST	77	88D		
*RNF7031	SQLCLSE_CALL	PROTOTYPE	77D			
	SQLCMIT	CONST	81	89D		
*RNF7031	SQLCMIT_CALL	PROTOTYPE	81D			
*RNF7031	SQLCOD	B(9,0)	37D			

	SQLCODE	I(10,0)	36D	37	274	289
			308	325	342	
*RNF7031	SQLERL	B(4,0)	39D			
*RNF7031	SQLERM	A(70)	41D			
*RNF7031	SQLERP	A(8)	43D			
	SQLERR	A(24)	44D	45	46	47
			48	49	50	51
*RNF7031	SQLERRD(6)	I(10,0)	51D			
	SQLERRMC	A(70)	40D	41		
	SQLERRML	I(5,0)	38D	39		
	SQLERRP	A(8)	42D	43		
*RNF7031	SQLER1	B(9,0)	45D			
*RNF7031	SQLER2	B(9,0)	46D			
*RNF7031	SQLER3	B(9,0)	47D			
*RNF7031	SQLER4	B(9,0)	48D			
*RNF7031	SQLER5	B(9,0)	49D			
	SQLER6	B(9,0)	50D	201M	265M	281M
			299M	316M	333M	352M
	SQLOPEN	CONST	73	87D		
*RNF7031	SQLOPEN_CALL	PROTOTYPE	73D			
	SQLROUTE	CONST	68	86D		
	SQLROUTE_CALL	PROTOTYPE	68D	202M	266M	282M
			300M	317M	334M	353M
	SQLSELECT	BEGSR	164	185D		
	SQLSTATE	A(5)	65D	66	221	223
			229			
*RNF7031	SQLSTT	A(5)	66D			
*RNF7031	SQLWARN(11)	A(1)	64D			
*RNF7031	SQLWNA	A(1)	63D			
	SQLWN0	A(1)	53D	274	289	308
			325	342		
*RNF7031	SQLWN1	A(1)	54D			
	SQLWN2	A(1)	55D	326	343	
*RNF7031	SQLWN3	A(1)	56D			
*RNF7031	SQLWN4	A(1)	57D			
*RNF7031	SQLWN5	A(1)	58D			
*RNF7031	SQLWN6	A(1)	59D			
*RNF7031	SQLWN7	A(1)	60D			
*RNF7031	SQLWN8	A(1)	61D			
*RNF7031	SQLWN9	A(1)	62D			
	SQLWRN	A(11)	52D	53	54	55
			56	57	58	59
			60	61	62	63
			64			
	SUMMARYINFO	BEGSR	159	260D		
	TIMESTAMP	Z(26)	359M	364		
	UNKNOWNNT	P(5,0)	305M	309M	380	
	USER	A(10)	358M	365		

Indicator References:

Indicator	References (D=Defined M=Modified)
01	7D 172 174M
LR	180M

* * * * * E N D O F C R O S S R E F E R E N C E * * * * *

E x t e r n a l R e f e r e n c e s

Statically bound procedures:
 Procedure References
 No references in the source.

Imported fields:
 Field Attributes Defined
 No references in the source.

Exported fields:
 Field Attributes Defined
 No references in the source.

* * * * * E N D O F E X T E R N A L R E F E R E N C E S * * * * *

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

Msg id	Sv	Number	Message text
*RNF7031	00	59	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)	.	.	.	.	.	.	:	61
Warning	(10)	.	.	.	.	.	.	:	0
Error	(20)	.	.	.	.	.	.	:	0
Severe Error	(30+)	.	.	.	.	.	.	:	0

Total	.	.	.	.	.	.	.	:	61

Source Totals:

Records	.	.	.	.	.	.	.	:	380
Specifications	.	.	.	.	.	.	.	:	303
Data records	.	.	.	.	.	.	.	:	0
Comments	.	.	.	.	.	.	.	:	55

* * * * * E N D O F F I N A L S U M M A R Y * * * * *
Program PHONESQL placed in library DC433E08. 00 highest severity. Created on 08/17/21 at 16:39:35.
* * * * * E N D O F C O M P I L A T I O N * * * * *