

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

Source Member . . . . . : SLSTRNPGM
Source File . . . . . : LAB7
Library . . . . . : DC433E01
CCSID . . . . . : 37
Text 'description' . . . . . : sales transaction program FREE FORM
Last Change . . . . . : 07/20/21 15:31:24

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

Debugging views . . . . . : *SOURCE
Debug encryption key . . . . . : *NONE
Output . . . . . : *PRINT
Optimization level . . . . . : *NONE
Source listing indentation . . . : *NONE
Type conversion options . . . . . : *NONE
Sort sequence . . . . . : *HEX
Language identifier . . . . . : *JOB RUN
Replace program . . . . . : *YES
User profile . . . . . : *USER
Authority . . . . . : *LIBCRTAUT
Truncate numeric . . . . . : *YES
Fix numeric . . . . . : *NONE
Target release . . . . . : *CURRENT
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      DCL-F UPDREPORT  PRINTER OfIInd(*IN01);                                190304      000100
*-----*
*      RPG name      External name      *
* File name. . . . . : UPDREPORT      DC433E01/UPDREPORT      *
* Record format(s) . . . . : HEADING    HEADING              *
*      DETAIL        DETAIL              *
*-----*
2      DCL-F SALESTRANS DISK(*EXT) KEYED USAGE(*INPUT)                      210720      000200
3      RENAME(SALESTRANS:SALESTRANR);                                         210720      000201
*-----*
*      RPG name      External name      *
* File name. . . . . : SALESTRANS      BCI433LIB/SALESTRANS      *
* Record format(s) . . . . : SALESTRANR SALESTRANS              *
*-----*
4      DCL-F SALESSTAF2 DISK(*EXT) KEYED                                     210720      000400
5      USAGE(*UPDATE : *OUTPUT : *DELETE);                                   210720      000401
*-----*
*      RPG name      External name      *
* File name. . . . . : SALESSTAF2      DCUE01/SALESSTAF2      *
* Record format(s) . . . . : SALESTFR   SALESTFR              *
*-----*
6                                                     210720      000500

7      DCL-DS FullKey;                                                       210720      000600
8          ADept CHAR(3);                                                       210720      000700
9          ASalesId CHAR(4);                                                    181025      000800
10     END-DS FullKey;                                                         181025      000900
11     DCL-DS SalesTransDS;                                                    190305      001000
12         TDept;                                                              181025      001100
13         TSalesId;                                                            181025      001200
14         TFName;                                                              181025      001300
15         TLName;                                                              181025      001400
16         TCity;                                                              181025      001500
17         TAddress;                                                            181025      001600
18         TPCode;                                                              181025      001700
19     End-Ds SalesTransDs;                                                    190305      001800
20     DCL-DS SalesStaf2DS;                                                    190305      001900
21         Dept;                                                                181025      002000
22         SalesId;                                                            181025      002100
23         FName;                                                              181025      002200
24         LName;                                                              181025      002300
25         City;                                                              181025      002400
26         Address;                                                            181025      002500
27         PCode;                                                              181025      002600
28     End-Ds SalesStaf2Ds;                                                    181025      002700
29                                                     181025      002800
30                                                     181025      002900
```

31=ISALESTRANR 1000001

Line Number	Source Specifications										><----- Comments ----->		Do Num	Page Line	Change Date	Src Id	Seq Number
	-----																1
	* RPG record format : SALESTRANR																1
	* External format : SALESTRANS : BCI433LIB/SALESTRANS																1
	-----																1
32=I	A	1	1	TCODE													1000002
33=I	A	2	4	TDEPT													1000003
34=I	A	5	8	TSALESID													1000004
35=I	A	9	28	TFNAME													1000005
36=I	A	29	48	TLNAME													1000006
37=I	A	49	68	TCITY													1000007
38=I	A	69	88	TADDRESS													1000008
39=I	A	89	98	TPHONE													1000009
40=I	A	99	104	TPCODE													1000010
41=ISALESTFR																	2000001
	-----																2
	* RPG record format : SALESTFR																2
	* External format : SALESTFR : DCUE01/SALESSTAF2																2
	-----																2
42=I	A	1	3	DEPT													2000002
43=I	A	4	7	SALESID													2000003
44=I	A	8	27	FNAME													2000004
45=I	A	28	47	LNAME													2000005
46=I	A	48	67	CITY													2000006
47=I	A	68	87	ADDRESS													2000007
48=I	P	88	93	OPHONE													2000008
49=I	A	94	99	PCODE													2000009
50	WRITE HEADING;														210720		003000
51	READ SALESTRANS;														210720		003100
52	DOW NOT %EOF;												B01		210720		003200
53															190305		003300
54	FullKey = TDept + TSalesID;												01		210713		003301
55	CHAIN %KDS(FullKey) SalesStaf2;												01		210713		003302
56															190305		003400
57	SELECT;												B02		101110		003500
58	WHEN %FOUND(SALESSTAF2);												X02		101110		003600
59	SELECT;												B03		101110		003700
60	WHEN TCODE = 'C';												X03		101110		003800
61	EXSR CHGREC;												03		101110		003900
62	WHEN TCODE = 'D';												X03		101110		004000
63	EXSR DELREC;												03		101110		004100
64	OTHER;												X03		101110		004200
65	EXSR ERROR;												03		101110		004300
66	ENDSL;												E03		101110		004400
67	WHEN NOT %FOUND(SALESSTAF2);												X02		101110		004500
68	IF TCODE = 'A';												B03		101110		004600
69	EXSR ADDREC;												03		101110		004700
70	ELSE;												X03		101110		004800
71	EXSR ERROR;												03		101110		004900
72	ENDIF;												E03		101110		005000
73	WHEN %ERROR;												X02		101110		005100
74	EXSR ERROR;												02		101110		005200
75	ENDSL;												E02		101110		005300
76	IF *IN01 = *ON;												B02		190304		005400
77	WRITE HEADING;												02		190304		005500

Line Number	Source Specifications	Comments	Do Num	Page Line	Change Date	Src Id	Seq Number
78	*IN01 = *OFF;		02		190304		005600
79	ENDIF;		E02		190304		005700
80	WRITE DETAIL;		01		190304		005800
81	READ SALESTRANS;		01		171124		005900
82	ENDDO;		E01		101110		006000
83	*INLR = *ON;				101110		006100
84	RETURN;				101110		006200
85	BEGSR ADDREC;				101110		006300
86	SALESSTAF2DS = SALESTRANSDS;				210720		006400
87	PHONE = %DEC(TPhone:10:0);				210720		006401
88	WRITE SALESTFR;				210720		006402
89	ENDSR;				101110		006700
90	BEGSR CHGREC;				101110		006800
91	SALESSTAF2DS = SALESTRANSDS;				210720		006900
92	PHONE = %DEC(TPhone:10:0);				210720		006901
93	UPDATE SALESTFR;				210720		007100
94	ENDSR;				101110		007200
95	BEGSR DELREC;				101110		007300
96	DELETE SALESTFR;				210720		007400
97	ENDSR;				101110		007500
98	BEGSR ERROR;				101110		007600
99	TFNAME = 'UPDATE/DELETE/CHANGE';				101110		007700
100	TLNAME = 'E R R O R';				101110		007800
101	ENDSR;				101110		007900
102=OHEADING							3000001
	-----						3
	* RPG record format : HEADING						3
	* External format : HEADING : DC433E01/UPDREPORT						3
	-----						3
103=ODETAIL							4000001
	-----						4
	* RPG record format : DETAIL						4
	* External format : DETAIL : DC433E01/UPDREPORT						4
	-----						4
104=O	TCODE 1A CHAR 1						4000002
105=O	TDEPT 4A CHAR 3						4000003
106=O	TSALESID 8A CHAR 4						4000004
107=O	TFNAME 28A CHAR 20						4000005
108=O	TLNAME 48A CHAR 20						4000006
109=O	TCITY 68A CHAR 20						4000007
110=O	TADDRESS 88A CHAR 20						4000008
111=O	TPHONE 98A CHAR 10						4000009
112=O	TPCODE 104A CHAR 6						4000010
113=OSALESTFR							5000001
	-----						5
	* RPG record format : SALESTFR						5
	* External format : SALESTFR : DCUE01/SALESSTAF2						5
	-----						5
114=O	DEPT 3A CHAR 3						5000002
115=O	SALESID 7A CHAR 4						5000003
116=O	FNAME 27A CHAR 20						5000004
117=O	LNAME 47A CHAR 20						5000005
118=O	CITY 67A CHAR 20						5000006
119=O	ADDRESS 87A CHAR 20						5000007
120=O	PHONE 93P PACK 10,0						5000008
121=O	PCODE 99A CHAR 6						5000009

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	2	000200	Record-Format SALESTRANR not used for input or output.
*RNF7086	00	2	000200	RPG handles blocking for file SALESTRANS. 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	
104	1	1	TCODE
105	2	4	TDEPT
106	5	8	TSALESID
107	9	28	TFNAME
108	29	48	TLNAME
109	49	68	TCITY
110	69	88	TADDRESS
111	89	98	TPHONE
112	99	104	TPCODE
114	1	3	DEPT
115	4	7	SALESID
116	8	27	FNAME
117	28	47	LNAME
118	48	67	CITY
119	68	87	ADDRESS
120	88	93	PHONE
121	94	99	PCODE
114	1	3	DEPT
115	4	7	SALESID
116	8	27	FNAME
117	28	47	LNAME
118	48	67	CITY
119	68	87	ADDRESS
120	88	93	PHONE
121	94	99	PCODE

* * * * * 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
3 SALESSTAF2			
SALESTFR			
	DEPT		CHAR 3
	SALESID		CHAR 4

2 SALESTRANS
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)			
SALESSTAF2	DISK	4D	55	58	67
SALESTFR		4D	41	88	93
		96	113		
SALESTRANS	DISK	2D	51	81	
SALESTRANR		3	31		
UPDREPORT	PRINTER	1D			
HEADING		1D	50	77	102
DETAIL		1D	80	103	

Global Field References:

Field	Attributes	References (D=Defined M=Modified)			
*INLR	N(1)	83M			
*IN01	N(1)	1D	76	78M	
ADDREC	BEGSR	69	85D		
ADDRESS	A(20)	26D	47M	119	
*RNF7031 ADEPT	A(3)	8D			
*RNF7031 ASALESID	A(4)	9D			
CHGREC	BEGSR	61	90D		
CITY	A(20)	25D	46M	118	
DELREC	BEGSR	63	95D		
DEPT	A(3)	21D	42M	114	
ERROR	BEGSR	65	71	74	98D
FNAME	A(20)	23D	44M	116	
FULLKEY	DS(7)	7D	54M	55	
LNAME	A(20)	24D	45M	117	
PCODE	A(6)	27D	49M	121	
PHONE	P(10,0)	48M	87M	92M	120
SALESID	A(4)	22D	43M	115	
SALESSTAF2DS	DS(93)	20D	86M	91M	
SALESTRANSDS	DS(93)	11D	86	91	
TADDRESS	A(20)	17D	38M	110	
TCITY	A(20)	16D	37M	109	
TCODE	A(1)	32M	60	62	68
		104			
TDEPT	A(3)	12D	33M	54	105
TFNAME	A(20)	14D	35M	99M	107
TLNAME	A(20)	15D	36M	100M	108
TPCODE	A(6)	18D	40M	112	
TPHONE	A(10)	39M	87	92	111
TSALESID	A(4)	13D	34M	54	106

Indicator References:

Indicator	References (D=Defined M=Modified)			
01	1D	76	78M	
LR	83M			

* * * * * 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	2	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)	.	.	.	.	.	.	:	4
Warning	(10)	.	.	.	.	.	.	:	0
Error	(20)	.	.	.	.	.	.	:	0
Severe Error	(30+)	.	.	.	.	.	.	:	0

Total	.	.	.	.	.	.	.	:	4

Source Totals:

Records	.	.	.	.	.	.	.	:	121
Specifications	.	.	.	.	.	.	.	:	116
Data records	.	.	.	.	.	.	.	:	0
Comments	.	.	.	.	.	.	.	:	0

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

Program SLSTRNPGM placed in library DC433E01. 00 highest severity. Created on 07/20/21 at 16:16:19.

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