



# Data Express 4.0

Data Model Guide

**Micro Focus**  
**The Lawn**  
**22-30 Old Bath Road**  
**Newbury, Berkshire RG14 1QN**  
**UK**  
<http://www.microfocus.com>

© Copyright 2009-2024 Micro Focus or one of its affiliates.

**MICRO FOCUS**, the Micro Focus logo and Data Express 4.0 are trademarks or registered trademarks of Micro Focus or one of its affiliates.

All other marks are the property of their respective owners.

2024-03-15

# Contents

|                                     |          |
|-------------------------------------|----------|
| <b>Data Model Guide</b> .....       | <b>6</b> |
| Table and Column Descriptions ..... | 6        |
| ANDCHFLF .....                      | 6        |
| ANENVCLS .....                      | 6        |
| ANENVLST .....                      | 6        |
| ANLICCHG .....                      | 7        |
| ANLICLOG .....                      | 7        |
| ANURDCLA .....                      | 8        |
| ANURDFLC .....                      | 9        |
| ANURDFLF .....                      | 10       |
| ANURDFLN .....                      | 11       |
| ANURDFXC .....                      | 11       |
| ANURDFXF .....                      | 12       |
| ANURDIMC .....                      | 13       |
| ANURDIMG .....                      | 14       |
| ANURDIXC .....                      | 14       |
| ANURDLOG .....                      | 14       |
| ANURDRFC .....                      | 15       |
| ANURDSNC .....                      | 15       |
| ANURDSPE .....                      | 16       |
| ANURDSPN .....                      | 16       |
| ANURDSTR .....                      | 17       |
| DDDTMCOL .....                      | 17       |
| DDDTMDEC .....                      | 17       |
| DDDTMREF .....                      | 18       |
| DDDTMSTQ .....                      | 18       |
| DDDTMTAG .....                      | 18       |
| HSDCHCLA .....                      | 18       |
| HSDCHFIL .....                      | 19       |
| HSDGNCOD .....                      | 19       |
| HSDGNDIR .....                      | 19       |
| HSDGNDIZ .....                      | 20       |
| HSDGNFIL .....                      | 20       |
| HSDGNFLT .....                      | 21       |
| HSDGNLAW .....                      | 21       |
| HSENVELB .....                      | 21       |
| HSENVEXT .....                      | 22       |
| HSENVFLT .....                      | 22       |
| HSENVGRP .....                      | 23       |
| HSENVLMT .....                      | 23       |
| HSENVMTH .....                      | 23       |
| HSENVPAR .....                      | 24       |
| HSENVPRN .....                      | 24       |
| HSENVRRD .....                      | 24       |
| HSENVRRH .....                      | 24       |
| HSENVSEQ .....                      | 25       |
| HSENVSTP .....                      | 25       |
| HSLICCHG .....                      | 26       |
| HSLICFIL .....                      | 26       |
| HSLICFLD .....                      | 27       |
| HSLICFTF .....                      | 27       |

|           |    |
|-----------|----|
| HSLICLID  | 27 |
| HSLICSCD  | 28 |
| HSLICSTR  | 28 |
| HSLLOGTAB | 28 |
| HSSYSAUX  | 28 |
| HSSYSCKS  | 29 |
| HSSYSCOL  | 29 |
| HSSYSDAU  | 30 |
| HSSYSDBA  | 31 |
| HSSYSDEP  | 32 |
| HSSYSFKE  | 32 |
| HSSYSIND  | 32 |
| HSSYSIPA  | 33 |
| HSSYSKEY  | 34 |
| HSSYSRAU  | 35 |
| HSSYSREL  | 35 |
| HSSYSSYN  | 36 |
| HSSYSTAB  | 36 |
| HSSYSTAU  | 38 |
| HSSYSTPA  | 39 |
| HSSYSTSP  | 40 |
| HSSYSVDE  | 41 |
| HSSYSVIE  | 42 |
| HSURDAPP  | 42 |
| HSURDAUT  | 42 |
| HSURDCAR  | 43 |
| HSURDCJD  | 43 |
| HSURDCJH  | 43 |
| HSURDCLA  | 43 |
| HSURDCOL  | 44 |
| HSURDCOM  | 45 |
| HSURDCPY  | 45 |
| HSURDDFT  | 45 |
| HSURDEKY  | 46 |
| HSURDEXT  | 46 |
| HSURDFIL  | 47 |
| HSURDFIN  | 48 |
| HSURDINT  | 49 |
| HSURDICP  | 49 |
| HSURDJOB  | 49 |
| HSURDKEY  | 50 |
| HSURDLIC  | 50 |
| HSURDLOG  | 50 |
| HSURDMF   | 52 |
| HSURDMFD  | 52 |
| HSURDMID  | 52 |
| HSURDNCC  | 52 |
| HSURDPID  | 53 |
| HSURDPRG  | 53 |
| HSURDPRO  | 53 |
| HSURDROU  | 54 |
| HSURDSYC  | 54 |
| HSURDSYT  | 55 |
| HSURDUE   | 55 |
| HSURDUEV  | 56 |
| HSURDUSR  | 56 |

|   |     |
|---|-----|
| MSURDLOG  | 56  |
| USDCHADD  | 57  |
| USDCHCOM  | 57  |
| USDHEMA   | 57  |
| USDCHNAC  | 58  |
| USDCHNAM  | 58  |
| USDCHSUC  | 58  |
| USDCHSUR  | 58  |
| USURDCBE  | 58  |
| USURDCBZ  | 59  |
| USURDDBM  | 59  |
| USURDFLC  | 60  |
| USURDIMP  | 60  |
| USURDRIR  | 61  |
| HSURDWES  | 62  |
| V1DCHFIL  | 62  |
| V1DCHFLF  | 64  |
| V1REP01   | 65  |
| V1REP02   | 66  |
| V1REP03   | 66  |
| V1REP04   | 66  |
| V1REP05   | 66  |
| V1REP06   | 67  |
| V1REP07   | 67  |
| V1REP08   | 68  |
| V1REP09   | 69  |
| V1REP10   | 69  |
| V1REP11   | 70  |
| V1REP12   | 70  |
| V1REP13   | 70  |
| V1REP14   | 71  |
| V1REP15   | 71  |
| V1URDCPY  | 72  |
| V1URDFIL  | 72  |
| V1URDFLF  | 74  |
| V1URDIMC  | 75  |
| V1URDIMG  | 76  |
| V1URDLOG  | 76  |
| V1URDRFC  | 77  |
| V2URDFLF  | 77  |
| V3URDFLF  | 80  |
| XPURDFLC  | 82  |
| Sequential Files                                    | 83  |
| Class List Interface                                | 83  |
| Combined List Interface                             | 84  |
| DB2 Catalog Synchronization Information             | 85  |
| Load Copy Information from External Interface       | 87  |
| Load Data Store Information from External Interface | 89  |
| Load Referential Integrity Relation Information     | 96  |
| Import Classification from Data Dictionary          | 96  |
| IMPSRC - Modified Sources                           | 97  |
| Method List Interface                               | 98  |
| Multi-format List Interface                         | 100 |

# Data Model Guide

Provides description of the table structures used in the Data Builder, Data Masking, and Data Subset Extraction modules.

## Table and Column Descriptions

Data Express updates tables contained in the DB2 or Windows Knowledge Base during product installation. This chapter provides a full description of the tables and columns.

### ANDCHFLF

The `ANDCHFLF` table is used for data element extensions and is populated during the *Data Changer* phase. The following table describes the columns in the `ANDCHFLF` table:

| Column   | Type      | Length | Decimal | Domain               |
|----------|-----------|--------|---------|----------------------|
| MCRECID  | BINARY    | 4      | 0       | machine/company ID   |
| FILRECID | BINARY    | 9      | 0       | file ID              |
| FLDRECID | BINARY    | 9      | 0       | field ID             |
| CHGFLG   | CHARACTER | 1      | 0       | Data Changer active  |
| CHGPGM   | CHARACTER | 8      | 0       | Data Changer program |
| METHOD   | CHARACTER | 10     | 0       | method               |

### ANENVDLIS

The `ANENVDLIS` table is used for synthetic data lists, and is populated during the *Data Generation* phase. The following table describes the columns in the `ANENVDLIS` table:

| Column  | Type      | Length | Decimal | Domain             |
|---------|-----------|--------|---------|--------------------|
| METHOD  | CHARACTER | 20     | 0       | code name          |
| MCRECID | BINARY    | 4      | 0       | machine/company ID |
| CLATYPE | BINARY    | 4      | 0       | class identifier   |
| FLTPRG  | BINARY    | 4      | 0       | class progressive  |
| VALUE   | CHARACTER | 20     | 0       | parameter value    |
| STEP    | BINARY    | 4      | 0       | step               |

### ANENVLST

The `ANENVLST` table is used for test environment lists, and is populated during the Environment Creation phase. The following table describes the columns in the `ANENVLST` table:

| Column | Type      | Length | Decimal | Domain      |
|--------|-----------|--------|---------|-------------|
| METHOD | CHARACTER | 10     | 0       | method name |

| Column  | Type      | Length | Decimal | Domain             |
|---------|-----------|--------|---------|--------------------|
| MCRECID | BINARY    | 4      | 0       | machine/company ID |
| CLATYPE | BINARY    | 4      | 0       | class identifier   |
| FLTPRG  | BINARY    | 4      | 0       | filter prog        |
| VALUE   | CHARACTER | 230    | 0       | parameter value    |
| STEP    | BINARY    | 4      | 0       | step               |

## ANLICCHG

The ANLICCHG table is used for applying changes and is populated during the *Life Cycle* phase. The following table describes the columns in the ANLICCHG table:

| Column      | Type      | Length | Decimal | Domain                  |
|-------------|-----------|--------|---------|-------------------------|
| OLDMCRECID  | BINARY    | 4      | 0       | old machine/company ID  |
| NEWMCRECID  | BINARY    | 4      | 0       | new machine/company ID  |
| OLDFILRECID | BINARY    | 9      | 0       | old file ID             |
| NEWFILRECID | BINARY    | 9      | 0       | new file ID             |
| APPDATE     | CHARACTER | 8      | 0       | application change date |

## ANLICLOG

The ANLICLOG table is used for file fields, and is populated during the *Life Cycle* phase. The following table describes the columns in the ANLICLOG table:

| Column    | Type     | Length | Decimal | Domain             |
|-----------|----------|--------|---------|--------------------|
| MCRECID   | SMALLINT | 2      | 0       | machine/company ID |
| FILRECID  | INTEGER  | 4      | 0       | file ID            |
| FILLIB    | CHAR     | 128    | 0       | file library       |
| FILTYPE   | CHAR     | 4      | 0       | file type          |
| FILNAME   | CHAR     | 128    | 0       | file name          |
| FILVER    | SMALLINT | 2      | 0       | file version       |
| RECFMT    | CHAR     | 10     | 0       | format of record   |
| FLDRECID  | INTEGER  | 4      | 0       | field ID           |
| FLDDISPL  | INTEGER  | 4      | 0       | field displ.       |
| FLDNAME   | CHAR     | 128    | 0       | field name         |
| FLDLEN    | INTEGER  | 4      | 0       | field length       |
| FLDINT    | SMALLINT | 2      | 0       | field integer      |
| FLDDEC    | SMALLINT | 2      | 0       | field decimal      |
| FLDSIGN   | CHAR     | 1      | 0       | field sign         |
| FLDTYPE   | CHAR     | 1      | 0       | field type         |
| FLDNAT    | CHAR     | 1      | 0       | field nature       |
| FLJUSTIFY | CHAR     | 1      | 0       | justify flag       |

| Column    | Type     | Length | Decimal | Domain                     |
|-----------|----------|--------|---------|----------------------------|
| CLATYPE   | SMALLINT | 2      | 0       | field class                |
| INFOPROV  | CHAR     | 3      | 0       | information origin         |
| MINVAL    | CHAR     | 33     | 0       | minimum value              |
| MAXVAL    | CHAR     | 33     | 0       | maximum value              |
| AVGVAL    | DECIMAL  | 18     | 0       | average value              |
| SPEDIFVAL | INTEGER  | 4      | 0       | number of different values |
| USERPGM   | CHAR     | 10     | 0       | user program               |
| HASSPE    | CHAR     | 1      | 0       | spectrum presence flag     |
| FLSPE     | CHAR     | 1      | 0       | spectrum calculation flag  |
| LOGMON    | CHAR     | 1      | 0       | logging enabled            |
| DCMON     | CHAR     | 1      | 0       | data corruption enabled    |
| LOGALARM  | CHAR     | 1      | 0       | logging alarm              |
| DCALARM   | CHAR     | 1      | 0       | data corruption alarm      |
| NULLCAP   | CHAR     | 1      | 0       | null capable field         |
| VARLEN    | CHAR     | 1      | 0       | field with variable length |
| ISANAG    | CHAR     | 1      | 0       | demographic field          |
| ESTCARD   | INTEGER  | 4      | 0       | estimated cardinality      |
| ESTCLA    | SMALLINT | 2      | 0       | estimated class            |
| SAMPVAL   | CHAR     | 33     | 0       | sample value               |
| SAMPNBR   | INTEGER  | 4      | 0       | sample OCCURS              |
| FLDXTX    | CHAR     | 50     | 0       | text                       |
| ISKEY     | CHAR     | 1      | 0       | primary key                |
| FLCLAVAL  | CHAR     | 1      | 0       | use class value            |
| ANAGPRO   | CHAR     | 3      | 0       | demographic provider       |
| DATETIME  | TIMESTMP | 10     | 0       | logging date/time          |

## ANURDCLA

The ANURDCLA table is used for field/class relationships and is populated during the *Class Field Assignment* phase. The following table describes the columns in the ANURDCLA table:

| Column    | Type   | Length | Decimal | Domain                     |
|-----------|--------|--------|---------|----------------------------|
| MCRECID   | BINARY | 4      | 0       | machine/company ID         |
| FILRECID  | BINARY | 9      | 0       | file ID                    |
| FLDRECID  | BINARY | 9      | 0       | field ID                   |
| CLATYPE   | BINARY | 3      | 0       | class identifier           |
| PRG       | BINARY | 3      | 0       | progressive number         |
| CDRULECLA | BINARY | 5      | 0       | code rule class assignment |



| Column  | Type      | Length | Decimal | Domain       |
|---------|-----------|--------|---------|--------------|
| CONFID  | BINARY    | 9      | 0       | confidence   |
| FLAGDEL | CHARACTER | 1      | 0       | flag deleted |
| BESTCLA | CHARACTER | 1      | 0       | best class   |

## ANURDFLC

The ANURDFLC table is used for copybook/include fields and is populated during the *Analyze Copybook* phase. The following table describes the columns in the ANURDFLC table:

| Column     | Type      | Length | Decimal | Domain                             |
|------------|-----------|--------|---------|------------------------------------|
| MCRECID    | BINARY    | 4      | 0       | machine/company ID                 |
| CPYLIB     | CHARACTER | 44     | 0       | copybook library                   |
| CPYNAME    | CHARACTER | 10     | 0       | copybook name                      |
| STMTNBR    | BINARY    | 7      | 0       | statement number                   |
| IOAREANAME | CHARACTER | 30     | 0       | I/O area name                      |
| IOAREAPRG  | BINARY    | 3      | 0       | I/O area progressive               |
| IOAREASCP  | BINARY    | 3      | 0       | I/O area scope                     |
| FLDDISPL   | BINARY    | 5      | 0       | field displacement                 |
| FLDNAME    | CHARACTER | 128    | 0       | field name                         |
| FLDSCP     | BINARY    | 3      | 0       | field scope                        |
| FLDLEVEL   | CHARACTER | 2      | 0       | field level                        |
| IOAREANBR  | BINARY    | 5      | 0       | I/O area number                    |
| FLDNBR     | BINARY    | 5      | 0       | field number                       |
| FLDLEN     | BINARY    | 5      | 0       | field length                       |
| FLDINT     | BINARY    | 3      | 0       | field integer                      |
| FLDDEC     | BINARY    | 3      | 0       | field decimal                      |
| FLDSIGN    | CHARACTER | 1      | 0       | field sign                         |
| FLDTYPE    | CHARACTER | 1      | 0       | field type                         |
| FLDOCC     | BINARY    | 5      | 0       | field OCCURS                       |
| FLDOCCTOT  | BINARY    | 5      | 0       | total OCCURS elements              |
| FLDOCCLVL  | BINARY    | 3      | 0       | OCCURS level                       |
| FLDOCCPRG  | BINARY    | 5      | 0       | OCCURS progressive                 |
| FLDOCCSHF  | BINARY    | 5      | 0       | shift to next element displacement |
| FLDREDEF   | CHARACTER | 1      | 0       | field REDEFINES                    |
| FLDREDEFC  | CHARACTER | 1      | 0       | field REDEFINES clause             |
| FLDNBRREDE | BINARY    | 5      | 0       | number of REDEFINES field          |
| FLDGROUP   | CHARACTER | 1      | 0       | group field                        |
| FLJUSTIFY  | CHARACTER | 1      | 0       | justify flag                       |

# ANURDFLF

The ANURDFLF table is used for file fields and is populated during the *Load DB2 Table Information and Analyze File/Copybook Relationship* phases. The following table describes the columns in the ANURDFLF table:

| Column    | Type     | Length | Decimal | Domain                     |
|-----------|----------|--------|---------|----------------------------|
| MCRECID   | SMALLINT | 2      | 0       | machine/company ID         |
| FILRECID  | INTEGER  | 4      | 0       | file ID                    |
| FLDRECID  | INTEGER  | 4      | 0       | field ID                   |
| FLDDISPL  | INTEGER  | 4      | 0       | field displ.               |
| FLDNAME   | CHAR     | 128    | 0       | field name                 |
| FLDLEN    | INTEGER  | 4      | 0       | field length               |
| FLDINT    | SMALLINT | 2      | 0       | field integer              |
| FLDDEC    | SMALLINT | 2      | 0       | field decimal              |
| FLDSIGN   | CHAR     | 1      | 0       | field sign                 |
| FLDTYPE   | CHAR     | 1      | 0       | field type                 |
| FLDNAT    | CHAR     | 1      | 0       | field nature               |
| FLJUSTIFY | CHAR     | 1      | 0       | Justify flag               |
| CLATYPE   | SMALLINT | 2      | 0       | field class                |
| INFOPROV  | CHAR     | 3      | 0       | information origin         |
| MINVAL    | CHAR     | 33     | 0       | minimum value              |
| MAXVAL    | CHAR     | 33     | 0       | maximum value              |
| AVGVAL    | DECIMAL  | 18     | 0       | average value              |
| SPEDIFVAL | INTEGER  | 4      | 0       | number of different values |
| USERPGM   | CHAR     | 10     | 0       | user program               |
| HASSPE    | CHAR     | 1      | 0       | spectrum presence flag     |
| FLSPE     | CHAR     | 1      | 0       | spectrum calculation flag  |
| LOGMON    | CHAR     | 1      | 0       | logging enabled            |
| DCMON     | CHAR     | 1      | 0       | data corruption enabled    |
| LOGALARM  | CHAR     | 1      | 0       | logging alarm              |
| DCALARM   | CHAR     | 1      | 0       | data corruption alarm      |
| NULLCAP   | CHAR     | 1      | 0       | null capable field         |
| VARLEN    | CHAR     | 1      | 0       | field with variable length |
| ISANAG    | CHAR     | 1      | 0       | demographic field          |
| ESTCARD   | INTEGER  | 4      | 0       | estimated cardinality      |
| ESTCLA    | SMALLINT | 2      | 0       | estimated class            |
| SAMPVAL   | CHAR     | 33     | 0       | sample value               |
| SAMPNBR   | INTEGER  | 4      | 0       | sample OCCURS              |
| FLDTEXT   | CHAR     | 50     | 0       | text                       |
| ISKEY     | CHAR     | 1      | 0       | primary key                |

| Column   | Type    | Length | Decimal | Domain                |
|----------|---------|--------|---------|-----------------------|
| FLCLAVAL | CHAR    | 1      | 0       | use class value       |
| ANAGPRO  | CHAR    | 3      | 0       | demographic provider  |
| TYPNAME  | CHAR    | 128    | 0       | ODBC Data Type Name   |
| TYPNUM   | DECIMAL | 5      | 0       | ODBC Data Type Number |

## ANURDFLN

The ANURDFLN table is used for Oracle nested tables and is populated during the *Distributed loader* phase. The following table describes the columns in the ANURDFLN table:

| Column    | Type     | Length | Decimal | Domain              |
|-----------|----------|--------|---------|---------------------|
| MCRECID   | SMALLINT | 2      | 0       | machine/company ID  |
| FILRECID  | INTEGER  | 4      | 0       | file ID             |
| FLDRECID  | INTEGER  | 4      | 0       | field ID            |
| FLDRECIDN | INTEGER  | 4      | 0       | field ID for nested |
| FLDNAME   | CHAR     | 128    | 0       | field name          |
| TYPNAME   | CHAR     | 128    | 0       | ODBC Data Type Name |
| FLDLEN    | INTEGER  | 4      | 0       | field length        |
| FLDINT    | SMALLINT | 2      | 0       | field integer       |
| FLDDEC    | SMALLINT | 2      | 0       | field decimal       |
| FLDSIGN   | CHAR     | 1      | 0       | field sign          |
| FLDTYPE   | CHAR     | 1      | 0       | field type          |
| FLDNAT    | CHAR     | 1      | 0       | field nature        |
| FLJUSTIFY | CHAR     | 1      | 0       | Justify flag        |
| NULLCAP   | CHAR     | 1      | 0       | Null capable field  |

## ANURDFXC

The ANURDFXC table is used for copybook fields, and is populated during the *Life Cycle* phase. The following table describes the columns in the ANURDFXC table:

| Column     | Type      | Length | Decimal | Domain               |
|------------|-----------|--------|---------|----------------------|
| MCRECID    | BINARY    | 4      | 0       | machine/company ID   |
| CPYLIB     | CHARACTER | 44     | 0       | copybook library     |
| CPYNAME    | CHARACTER | 10     | 0       | copybook name        |
| STMTNBR    | BINARY    | 7      | 0       | statement number     |
| IOAREANAME | CHARACTER | 30     | 0       | I/O area name        |
| IOAREAPRG  | BINARY    | 3      | 0       | I/O area progressive |
| IOAREASCP  | BINARY    | 3      | 0       | I/O area scope       |
| FLDDISPL   | BINARY    | 5      | 0       | field displacement   |

| Column     | Type      | Length | Decimal | Domain                             |
|------------|-----------|--------|---------|------------------------------------|
| FLDNAME    | CHARACTER | 128    | 0       | field name                         |
| FLDSCP     | BINARY    | 3      | 0       | field scope                        |
| FLDLEVEL   | CHARACTER | 2      | 0       | field level                        |
| IOAREANBR  | BINARY    | 5      | 0       | I/O area number                    |
| FLDNBR     | BINARY    | 5      | 0       | field number                       |
| FLDLEN     | BINARY    | 5      | 0       | field length                       |
| FLDINT     | BINARY    | 3      | 0       | field integer                      |
| FLDDEC     | BINARY    | 3      | 0       | field decimal                      |
| FLDSIGN    | CHARACTER | 1      | 0       | field sign                         |
| FLDTYPE    | CHARACTER | 1      | 0       | field type                         |
| FLDOCC     | BINARY    | 5      | 0       | field OCCURS                       |
| FLDOCCTOT  | BINARY    | 5      | 0       | total OCCURS elements              |
| FLDOCCLVL  | BINARY    | 3      | 0       | OCCURS level                       |
| FLDOCCPRG  | BINARY    | 5      | 0       | OCCURS progressive                 |
| FLDOCCSHF  | BINARY    | 5      | 0       | shift to next element displacement |
| FLDREDEF   | CHARACTER | 1      | 0       | field REDEFINES                    |
| FLDREDEFC  | CHARACTER | 1      | 0       | field REDEFINES clause             |
| FLDNBRREDE | BINARY    | 5      | 0       | number of REDEFINES field          |
| FLDGROUP   | CHARACTER | 1      | 0       | group field                        |
| FLJUSTIFY  | CHARACTER | 1      | 0       | justify flag                       |

## ANURDFXF

The ANURDFXF table is used for file fields, and is populated during the Life Cycle phase. The following table describes the columns in the ANURDFXF table:

| Column   | Type     | Length | Decimal | Domain             |
|----------|----------|--------|---------|--------------------|
| MCRECID  | SMALLINT | 2      | 0       | machine/company ID |
| FILRECID | INTEGER  | 4      | 0       | file ID            |
| FLDRECID | INTEGER  | 4      | 0       | field ID           |
| FLDDISPL | INTEGER  | 4      | 0       | field displ.       |
| FLDNAME  | CHAR     | 128    | 0       | field name         |
| FLDLEN   | INTEGER  | 4      | 0       | field length       |
| FLDINT   | SMALLINT | 2      | 0       | field integer      |
| FLDDEC   | SMALLINT | 2      | 0       | field decimal      |
| FLDSIGN  | CHAR     | 1      | 0       | field sign         |
| FLDTYPE  | CHAR     | 1      | 0       | field type         |
| FLDNAT   | CHAR     | 1      | 0       | field nature       |

| Column    | Type     | Length | Decimal | Domain                     |
|-----------|----------|--------|---------|----------------------------|
| FLJUSTIFY | CHAR     | 1      | 0       | justify flag               |
| CLATYPE   | SMALLINT | 2      | 0       | field class                |
| INFOPROV  | CHAR     | 3      | 0       | information origin         |
| MINVAL    | CHAR     | 33     | 0       | minimum value              |
| MAXVAL    | CHAR     | 33     | 0       | maximum value              |
| AVGVAL    | DECIMAL  | 18     | 0       | average value              |
| SPEDIFVAL | INTEGER  | 4      | 0       | number of different values |
| USERPGM   | CHAR     | 10     | 0       | user program               |
| HASSPE    | CHAR     | 1      | 0       | spectrum presence flag     |
| FLSPE     | CHAR     | 1      | 0       | spectrum calculation flag  |
| LOGMON    | CHAR     | 1      | 0       | logging enabled            |
| DCMON     | CHAR     | 1      | 0       | data corruption enabled    |
| LOGALARM  | CHAR     | 1      | 0       | logging alarm              |
| DCALARM   | CHAR     | 1      | 0       | data corruption alarm      |
| NULLCAP   | CHAR     | 1      | 0       | null capable field         |
| VARLEN    | CHAR     | 1      | 0       | field with variable length |
| ISANAG    | CHAR     | 1      | 0       | demographic field          |
| ESTCARD   | INTEGER  | 4      | 0       | estimated cardinality      |
| ESTCLA    | SMALLINT | 2      | 0       | estimated class            |
| SAMPVAL   | CHAR     | 33     | 0       | sample value               |
| SAMPNBR   | INTEGER  | 4      | 0       | sample OCCURS              |
| FLDTEXT   | CHAR     | 50     | 0       | text                       |
| ISKEY     | CHAR     | 1      | 0       | primary key                |
| FLCLAVAL  | CHAR     | 1      | 0       | use class value            |
| ANAGPRO   | CHAR     | 3      | 0       | demographic provider       |
| TYPNAME   | CHAR     | 128    | 0       | ODBC Data Type Name        |
| TYPNUM    | DECIMAL  | 5      | 0       | ODBC Data Type Number      |

## ANURDIMC

The ANURDIMC table is used for copybook/include images, and is populated during the *Analyze Copybook* phase. The following table describes the columns in the ANURDIMC table:

| Column     | Type      | Length | Decimal | Domain             |
|------------|-----------|--------|---------|--------------------|
| MCRECID    | BINARY    | 4      | 0       | machine/company ID |
| CPYLIB     | CHARACTER | 44     | 0       | copybook PDS       |
| CPYNAME    | CHARACTER | 10     | 0       | copybook name      |
| IOAREANAME | CHARACTER | 30     | 0       | I/O area name      |

| Column    | Type      | Length | Decimal | Domain               |
|-----------|-----------|--------|---------|----------------------|
| IOAREAPRG | BINARY    | 3      | 0       | I/O area progressive |
| IMAGEPRG  | BINARY    | 4      | 0       | image number         |
| RECLLEN   | BINARY    | 5      | 0       | length               |
| IMAGE     | CHARACTER | 3900   | 0       | image                |

## ANURDIMG

The ANURDIMG table is used for file images and is populated during the *Analyze File* phase. The following table describes the columns in the ANURDIMG table:

| Column   | Type      | Length | Decimal | Domain             |
|----------|-----------|--------|---------|--------------------|
| MCRECID  | BINARY    | 4      | 0       | machine/company ID |
| FILRECID | BINARY    | 9      | 0       | file ID            |
| IMAGEPRG | BINARY    | 4      | 0       | image number       |
| IMAGE    | CHARACTER | 4000   | 0       | image              |

## ANURDIXC

The ANURDIXC table is used for copybook images and is populated during the *Life Cycle* phase. The following table describes the columns in the ANURDIXC table:

| Column     | Type      | Length | Decimal | Domain               |
|------------|-----------|--------|---------|----------------------|
| MCRECID    | BINARY    | 4      | 0       | machine/company ID   |
| CPYLIB     | CHARACTER | 44     | 0       | copybook PDS         |
| CPYNAME    | CHARACTER | 10     | 0       | copybook name        |
| IOAREANAME | CHARACTER | 30     | 0       | I/O area name        |
| IOAREAPRG  | BINARY    | 3      | 0       | I/O area progressive |
| IMAGEPRG   | BINARY    | 4      | 0       | image number         |
| RECLLEN    | BINARY    | 5      | 0       | length               |
| IMAGE      | CHARACTER | 3900   | 0       | image                |

## ANURDLOG

The ANURDLOG table is used for log messages and is populated during the *Life Cycle* phase. The following table describes the columns in the ANURDLOG table:

| Column    | Type     | Length | Decimal | Domain                  |
|-----------|----------|--------|---------|-------------------------|
| DTCALC    | CHAR     | 8      | 0       | last recalculation date |
| MACHINEID | CHAR     | 10     | 0       | machine ID              |
| CDSOC     | CHAR     | 10     | 0       | company                 |
| MCRECID   | SMALLINT | 2      | 0       | machine/company ID      |
| FILRECID  | INTEGER  | 4      | 0       | file ID                 |

| Column   | Type     | Length | Decimal | Domain                |
|----------|----------|--------|---------|-----------------------|
| FLDNAME  | CHAR     | 128    | 0       | field name            |
| FLDDISPL | INTEGER  | 4      | 0       | field position        |
| FLDVAL   | CHAR     | 33     | 0       | field value           |
| DATEFMT  | CHAR     | 10     | 0       | date format           |
| MSGMNE   | CHAR     | 5      | 0       | message type          |
| MSGID    | CHAR     | 7      | 0       | message code          |
| MSGDESC  | CHAR     | 132    | 0       | message description   |
| OCCURS   | CHAR     | 9      | 0       | OCCURS                |
| GRAVITY  | CHAR     | 2      | 0       | severity              |
| FLSTOP   | CHAR     | 1      | 0       | stop elaboration flag |
| TRCIMG   | VARCHAR  | 512    | 0       | record image          |
| TRCRRN   | INTEGER  | 4      | 0       | internal RRN          |
| IMPDTTM  | TIMESTMP | 10     | 0       | logging date/time     |

## ANURDRFC

The ANURDRFC table is used for file/copybook relationships and is populated during the *Analyze File/Copybook Relationship* phase. The following table describes the columns in the ANURDRFC table:

| Column     | Type      | Length | Decimal | Domain                       |
|------------|-----------|--------|---------|------------------------------|
| MCRECID    | BINARY    | 4      | 0       | machine/company ID           |
| FILRECID   | BINARY    | 9      | 0       | file ID                      |
| CPYLIB     | CHARACTER | 44     | 0       | copybook PDS                 |
| CPYNAME    | CHARACTER | 10     | 0       | copybook name                |
| IOAREANAME | CHARACTER | 30     | 0       | I/O area name                |
| IOAREAPRG  | BINARY    | 3      | 0       | I/O area progressive         |
| DELETED    | CHARACTER | 1      | 0       | deleted flag                 |
| RECLN      | BINARY    | 5      | 0       | record length                |
| RECMATCH   | BINARY    | 5      | 0       | number bytes matching        |
| INFOPROV   | CHARACTER | 3      | 0       | information provider         |
| ASSOCIATED | CHARACTER | 1      | 0       | copybook associated          |
| CPYMCRECID | BINARY    | 4      | 0       | copybook machine/ company ID |

## ANURDSNC

The ANURDSNC table is used for sampling example field classes and is populated during the *Assign Field Class* phase. The following table describes the columns in the ANURDSNC table:

| Column  | Type   | Length | Decimal | Domain           |
|---------|--------|--------|---------|------------------|
| CLATYPE | BINARY | 3      | 0       | class identifier |

| Column    | Type      | Length | Decimal | Domain                              |
|-----------|-----------|--------|---------|-------------------------------------|
| PRG       | BINARY    | 3      | 0       | progressive number                  |
| DTCALC    | CHARACTER | 8      | 0       | recalculation date                  |
| MCRECID   | BINARY    | 4      | 0       | machine/company ID                  |
| FILRECID  | BINARY    | 9      | 0       | file ID                             |
| FLDRECID  | BINARY    | 9      | 0       | field ID                            |
| FLDLEN    | BINARY    | 5      | 0       | field length                        |
| FLDDGT    | BINARY    | 3      | 0       | field digit                         |
| FLDINT    | BINARY    | 3      | 0       | field integer                       |
| FLDDEC    | BINARY    | 3      | 0       | field fecimal                       |
| FLDTYPE   | CHARACTER | 1      | 0       | field type                          |
| FLDNAT    | CHARACTER | 1      | 0       | field nature                        |
| DETAILLVL | CHARACTER | 1      | 0       | detail level                        |
| ISANAG    | CHARACTER | 1      | 0       | flag demographic field              |
| ALLCOMP   | CHARACTER | 1      | 0       | flag sample valid for all companies |
| IMAGEPRG  | BINARY    | 4      | 0       | image number                        |
| IMAGE     | CHARACTER | 721    | 0       | image                               |

## ANURDSPE

The ANURDSPE table is used for file sampling and is populated during the *File Sampling* phase. The following table describes the columns in the ANURDSPE table:

| Column   | Type     | Length | Decimal | Domain               |
|----------|----------|--------|---------|----------------------|
| DTCALC   | CHAR     | 8      | 0       | recalculation date   |
| MCRECID  | SMALLINT | 2      | 0       | machine/company ID   |
| FILRECID | INTEGER  | 4      | 0       | file ID              |
| FLDRECID | INTEGER  | 4      | 0       | field ID             |
| SPEVAL   | CHAR     | 33     | 0       | field value          |
| VALNBR   | INTEGER  | 4      | 0       | occurence number     |
| DELTANBR | INTEGER  | 4      | 0       | in range occurrences |

## ANURDSPN

The ANURDSPN table is used for compressed file sampling and is populated during the *File Sampling* phase. The following table describes the columns in the ANURDSPN table:

| Column   | Type      | Length | Decimal | Domain                  |
|----------|-----------|--------|---------|-------------------------|
| DTCALC   | CHARACTER | 8      | 0       | last recalculation date |
| MCRECID  | BINARY    | 4      | 0       | machine/company ID      |
| FILRECID | BINARY    | 9      | 0       | file ID                 |



| Column    | Type      | Length | Decimal | Domain       |
|-----------|-----------|--------|---------|--------------|
| FLDRECID  | BINARY    | 9      | 0       | field ID     |
| DETAILLVL | CHARACTER | 1      | 0       | detail level |
| IMAGEPRG  | BINARY    | 4      | 0       | image number |
| IMAGE     | CHARACTER | 720    | 0       | image        |

## ANURDSTR

The ANURDSTR table is used for file record numbers and is populated during the *File Sampling* phase. The following table describes the columns in the ANURDSTR table:

| Column   | Type      | Length | Decimal | Domain                      |
|----------|-----------|--------|---------|-----------------------------|
| DTCALC   | CHARACTER | 8      | 0       | last recalculation date     |
| MCRECID  | BINARY    | 4      | 0       | machine/company ID          |
| FILRECID | BINARY    | 9      | 0       | file ID                     |
| RECNUM   | DECIMAL   | 18     | 0       | number of processed records |

## DDDTMCOL

The DDDTMCOL table is used for the Data Dictionary - COL. field and is for internal use only. The following table describes the columns in the DDDTMCOL table:

| Column     | Type    | Length | Decimal | Domain              |
|------------|---------|--------|---------|---------------------|
| COLID      | DECIMAL | 18     | 0       | field ID            |
| COLSTQID   | DECIMAL | 18     | 0       | referenced query ID |
| COLNAME    | CHAR    | 18     | 0       | field name          |
| COLSDESC   | CHAR    | 15     | 0       | short description   |
| COLLDESC   | CHAR    | 30     | 0       | long description    |
| COLVISIBLE | CHAR    | 1      | 0       | field visible       |
| COLCLASS   | CHAR    | 10     | 0       | field class         |
| COLTAGID   | DECIMAL | 18     | 0       | tag ID              |

## DDDTMDEC

The DDDTMDEC table is used for the Data Dictionary - field Decode and is for internal use only. The following table describes the columns in the DDDTMDEC table:

| Column    | Type    | Length | Decimal | Domain                   |
|-----------|---------|--------|---------|--------------------------|
| DEC_ID    | DECIMAL | 18     | 0       | field decode ID          |
| DEC_REFID | DECIMAL | 18     | 0       | field ID                 |
| DEC_VALUE | CHAR    | 10     | 0       | field decode value       |
| DEC_DISPL | CHAR    | 30     | 0       | field decode description |
| DEC_ICON  | DECIMAL | 18     | 0       | icon for decode value    |

## DDDTMREF

The DDDTMREF table is used for the Data Dictionary - Ref. field and is for internal use only. The following table describes the columns in the DDDTMREF table:

| Column    | Type    | Length | Decimal | Domain              |
|-----------|---------|--------|---------|---------------------|
| REF_ID    | DECIMAL | 18     | 0       | field ID            |
| REF_STQID | DECIMAL | 18     | 0       | referenced query ID |
| REF_NAME  | CHAR    | 18     | 0       | field name          |
| REF_SDESC | CHAR    | 15     | 0       | short description   |
| REF_LDESC | CHAR    | 30     | 0       | long description    |
| REF_ISTRA | CHAR    | 1      | 0       | is transcoded       |
| REF_TAGID | DECIMAL | 18     | 0       | tag ID              |

## DDDTMSTQ

The DDDTMSTQ table is used for Data Dictionary - Query information and is for internal use only. The following table describes the columns in the DDDTMSTQ table:

| Column      | Type    | Length | Decimal | Domain                    |
|-------------|---------|--------|---------|---------------------------|
| STQ_ID      | DECIMAL | 18     | 0       | query ID                  |
| STQ_NAME    | CHAR    | 44     | 0       | table name                |
| STQ_KEYFLD  | CHAR    | 30     | 0       | key field name            |
| STQ_VIEWFLD | CHAR    | 30     | 0       | description field name    |
| STQ_PARFLD  | CHAR    | 30     | 0       | self reference field name |
| STQ_TAGID   | DECIMAL | 18     | 0       | reference attributes      |

## DDDTMTAG

The DDDTMTAG table is used for the Data Dictionary - Field Tag attribute and is for internal use only. The following table describes the columns in the DDDTMTAG table:

| Column     | Type    | Length | Decimal | Domain         |
|------------|---------|--------|---------|----------------|
| TAG_ID     | DECIMAL | 18     | 0       | tag ID         |
| TAG_ATTRIB | VARCHAR | 4000   | 0       | tag attributes |

## HSDCHCLA

The HSDCHCLA table is used for the class list extension and is populated during the *Work with Class* phase. The following table describes the columns in the HSDCHCLA table:

| Column  | Type      | Length | Decimal | Domain               |
|---------|-----------|--------|---------|----------------------|
| CLATYPE | BINARY    | 3      | 0       | class identifier     |
| CHGPGM  | CHARACTER | 8      | 0       | Data Masking routine |

| Column  | Type      | Length | Decimal | Domain             |
|---------|-----------|--------|---------|--------------------|
| METHOD  | CHARACTER | 10     | 0       | method             |
| MCRECID | BINARY    | 4      | 0       | machine/company ID |

## HSDCHFIL

The HSDCHFIL table is used for the file list extension and is populated during the *Work with File* phase. The following table describes the columns in the HSDCHFIL table:

| Column    | Type      | Length | Decimal | Domain                     |
|-----------|-----------|--------|---------|----------------------------|
| MCRECID   | BINARY    | 4      | 0       | machine/company ID         |
| FILRECID  | BINARY    | 9      | 0       | file ID                    |
| PROCIDINP | CHARACTER | 5      | 0       | process ID for input file  |
| UNLINPTYP | CHARACTER | 4      | 0       | unload input file type     |
| UNLINPNAM | CHARACTER | 44     | 0       | unload input file name     |
| UNLNPVER  | BINARY    | 3      | 0       | unload input file version  |
| FMTSEL    | CHARACTER | 8      | 0       | format selector            |
| SLTPGM    | CHARACTER | 8      | 0       | select program             |
| UNLOUTTYP | CHARACTER | 4      | 0       | unload output file type    |
| UNLOUTNAM | CHARACTER | 44     | 0       | unload output file name    |
| UNLOUTVER | BINARY    | 3      | 0       | unload output file version |
| WRTPGM    | CHARACTER | 8      | 0       | write program for output   |
| METHOD    | CHARACTER | 10     | 0       | method                     |

## HSDGNCOD

The HSDGNCOD table is used to store Data Generator codes. The following table describes the columns in the HSDGNCOD table:

| Column  | Type      | Length | Decimal | Domain             |
|---------|-----------|--------|---------|--------------------|
| CODE    | CHARACTER | 20     | 0       | Code name          |
| MCRECID | BINARY    | 9      | 0       | Machine/Company ID |
| CODETXT | CHARACTER | 50     | 0       | Code Description   |
| CREATOR | CHARACTER | 10     | 0       | Code Creator       |

## HSDGNDIR

The HSDGNDIR table is used to store Data Generator directives. The following table describes the columns in the HSDGNDIR table:

| Column  | Type      | Length | Decimal | Domain             |
|---------|-----------|--------|---------|--------------------|
| CODE    | CHARACTER | 20     | 0       | Code name          |
| MCRECID | BINARY    | 9      | 0       | Machine/Company ID |

| Column      | Type      | Length | Decimal | Domain             |
|-------------|-----------|--------|---------|--------------------|
| FILRECID    | BINARY    | 9      | 0       | File ID            |
| INCLATYPE   | BINARY    | 9      | 0       | Input Class        |
| INPRG       | BINARY    | 9      | 0       | Input Progressive  |
| INFLDRECID  | BINARY    | 9      | 0       | Input Field ID     |
| OUTCLATYPE  | BINARY    | 9      | 0       | Output Class       |
| OUTPRG      | BINARY    | 9      | 0       | Output Progressive |
| OUTFLDRECID | BINARY    | 9      | 0       | Output Field ID    |
| RECCOUNT    | BINARY    | 9      | 0       | Record Count       |
| FLDNAME     | CHARACTER | 128    | 0       | Field Name         |
| DIRTYPE     | BINARY    | 4      | 0       | Directive Type     |
| ROUTNAME    | CHARACTER | 20     | 0       | Routine Name       |
| DICTIONARY  | CHARACTER | 20     | 0       | Dictionary Name    |
| OFFSET      | BINARY    | 9      | 0       | Offset             |
| IN_FLDLEN   | BINARY    | 9      | 0       | Field Length       |
| VALTYPE     | BINARY    | 4      | 0       | Value Type         |
| VALLENGTH   | BINARY    | 9      | 0       | Machine/Company ID |
| VALNUM      | BINARY    | 9      | 0       | Number of ValuesD  |
| UNIQUENESS  | CHARACTER | 1      | 0       | Unique Value       |
| CURRDATE    | CHARACTER | 1      | 0       | Current Date       |

## HSDGNDIZ

The HSDGNDIZ table is used to store Data Generator dictionary entries. The following table describes the columns in the HSDGNDIZ table:

| Column  | Type      | Length | Decimal | Domain          |
|---------|-----------|--------|---------|-----------------|
| DIZNAME | CHARACTER | 8      | 0       | Dictionary Name |
| DIZPRG  | BINARY    | 4      | 0       | Progressive     |
| DIZVAL  | CHARACTER | 254    | 0       | Value           |

## HSDGNFIL

The HSDGNFIL table is used to store Data Generator data store information. The following table describes the columns in the HSDGNFIL table:

| Column    | Type      | Length | Decimal | Domain                    |
|-----------|-----------|--------|---------|---------------------------|
| MCRECID   | BINARY    | 4      | 0       | Machine/Company ID        |
| FILRECID  | BINARY    | 9      | 0       | File ID                   |
| PROCIDINP | CHARACTER | 5      | 0       | Process ID for Input File |
| UNLINPTYP | CHARACTER | 4      | 0       | Unload Input File Type    |

| Column    | Type      | Length | Decimal | Domain                     |
|-----------|-----------|--------|---------|----------------------------|
| UNLINPNAM | CHARACTER | 44     | 0       | Unload Input File Name     |
| UNLINPVER | BINARY    | 4      | 0       | Unload Input File Version  |
| FMTSEL    | CHARACTER | 8      | 0       | Format Selector            |
| SLTPGM    | CHARACTER | 8      | 0       | Select Program             |
| UNLOUTTYP | CHARACTER | 4      | 0       | Unload Output File Type    |
| UNLOUTNAM | CHARACTER | 44     | 0       | Unload Output File Name    |
| UNLOUTVER | BINARY    | 4      | 0       | Unload Output File Version |
| WRTPGM    | CHARACTER | 8      | 0       | Write Program For Output   |
| CODE      | CHARACTER | 10     | 0       | Code                       |

## HSDGNFLT

The HSDGNFLT table is used to store Data Generator directive information. The following table describes the columns in the HSDGNFLT table:

| Column   | Type      | Length | Decimal | Domain             |
|----------|-----------|--------|---------|--------------------|
| CODE     | CHARACTER | 20     | 0       | Code Name          |
| MCRECID  | BINARY    | 9      | 0       | Machine/Company ID |
| FILRECID | BINARY    | 9      | 0       | File ID            |
| FLDRECID | BINARY    | 9      | 0       | Field ID           |
| PRGOCC   | BINARY    | 9      | 0       | Progressive        |
| OCCVAL   | CHARACTER | 254    | 0       | Value              |
| OCCPER   | BINARY    | 4      | 0       | Percentage         |

## HSDGNLAW

The HSDGNLAW table is used to store Data Generator laws. The following table describes the columns in the HSDGNLAW table:

| Column   | Type      | Length | Decimal | Domain             |
|----------|-----------|--------|---------|--------------------|
| CODE     | CHARACTER | 20     | 0       | Code name          |
| MCRECID  | BINARY    | 9      | 0       | Machine/Company ID |
| FILRECID | BINARY    | 9      | 0       | File ID            |
| FILENAM  | CHARACTER | 128    | 0       | File Name          |
| STEP     | BINARY    | 9      | 0       | Step               |
| OUTREC   | CHARACTER | 1      | 0       | Output Record      |

## HSENVELB

The HSENVELB table is used for test environment elaboration and is populated during the *Work with Method* phase. The following table describes the columns in the HSENVELB table:

| Column      | Type      | Length | Decimal | Domain             |
|-------------|-----------|--------|---------|--------------------|
| METHOD      | CHARACTER | 10     | 0       | method name        |
| STEP        | BINARY    | 4      | 0       | step               |
| MCRECID     | BINARY    | 4      | 0       | machine/company ID |
| FILRECID    | BINARY    | 9      | 0       | file ID            |
| OUTCLATYPE  | BINARY    | 4      | 0       | output class       |
| OUTPRG      | BINARY    | 4      | 0       | output prog        |
| OUTFLDRECID | BINARY    | 9      | 0       | ouput field        |
| OUTREC      | CHARACTER | 1      | 0       | output rec         |
| INCLATYPE   | BINARY    | 4      | 0       | input class        |
| INPRG       | BINARY    | 4      | 0       | input prog         |
| INFLDRECID  | BINARY    | 9      | 0       | input field        |
| FLELAB      | CHARACTER | 1      | 0       | flag elab          |
| WRTREC      | BINARY    | 9      | 0       | written records    |
| ANDFILT     | BINARY    | 4      | 0       | filter in AND flag |

## HSENVEXT

The HSENVEXT table is used for adding test environment information and is populated during the *Environment Extraction* phase. The following table describes the columns in the HSENVEXT table:

| Column   | Type      | Length | Decimal | Domain  |
|----------|-----------|--------|---------|---|
| MCRECID  | BINARY    | 4      | 0       | machine/company ID  |
| FILRECID | BINARY    | 9      | 0       | file ID   |
| METHOD   | CHARACTER | 10     | 0       | method name   |
| NUMREC   | BINARY    | 9      | 0       | number of read records  |
| REDBYT   | DECIMAL   | 18     | 0       | size reduction in bytes (difference in byte between original and reduced file size) |
| REDPERC  | DECIMAL   | 5      | 2       | size reduction percentage   |
| CPUTIME  | DECIMAL   | 11     | 6       | CPU time in seconds   |
| ELPTIME  | DECIMAL   | 11     | 6       | elapsed time in seconds   |
| DATESIM  | CHAR      | 8      | 0       | date of last simulated extraction   |
| DATEEXT  | CHAR      | 8      | 0       | date of last real extraction  |

## HSENVFLT

The HSENVFLT table is used for test environment filtering and is populated during the *Work with Method* phase. The following table describes the columns in the HSENVFLT table:

| Column | Type      | Length | Decimal | Domain      |
|--------|-----------|--------|---------|-------------|
| METHOD | CHARACTER | 10     | 0       | method name |

| Column   | Type      | Length | Decimal | Domain                                       |
|----------|-----------|--------|---------|--|
| MCRECID  | BINARY    | 4      | 0       | machine/company ID                           |
| CLATYPE  | BINARY    | 4      | 0       | class identifier                             |
| FLTPRG   | BINARY    | 4      | 0       | filter prog                                  |
| FLTTYPE  | CHARACTER | 1      | 0       | filter type                                  |
| MACNBR   | BINARY    | 4      | 0       | macro number                                 |
| ROUTNAME | CHARACTER | 8      | 0       | routine name                                 |
| FLTTEXT  | CHARACTER | 50     | 0       | filter description                           |
| FLTDLOC  | CHARACTER | 254    | 0       | link to documentation file related to filter |

## HSENVGRP

The HSENVGRP table is used for the test environment method and is populated during the *Work with Method* phase. The following table describes the columns in the HSENVGRP table:

| Column    | Type      | Length | Decimal | Domain             |
|-----------|-----------|--------|---------|--------------------|
| GROUPNAME | CHARACTER | 10     | 0       | group name         |
| MCRECID   | BINARY    | 4      | 0       | machine/company ID |
| GROUPTXT  | CHARACTER | 50     | 0       | group description  |

## HSENVLMT

The HSENVLMT table is used for storing the cardinality limit of records produced during the subsetting process. It is populated when using *Work with Method* and *Work with Company* phases:

| Column   | Type      | Length | Decimal | Domain                      |
|----------|-----------|--------|---------|-----------------------------|
| METHOD   | CHARACTER | 10     | 0       | method name                 |
| MCRECID  | BINARY    | 4      | 0       | machine/company ID          |
| WRNLIMIT | BINARY    | 9      | 0       | written record number limit |
| STRDATE  | CHARACTER | 8      | 0       | start date                  |
| ENDDATE  | CHARACTER | 8      | 0       | end date                    |

## HSENVMTM

The HSENVMTM table is used for the test environment method and is populated in the *Work with Method* phase. The following table describes the columns in the HSENVMTM table:

| Column    | Type      | Length | Decimal | Domain             |
|-----------|-----------|--------|---------|--------------------|
| METHOD    | CHARACTER | 10     | 0       | method name        |
| MCRECID   | BINARY    | 4      | 0       | machine/company ID |
| METHODTXT | CHARACTER | 50     | 0       | method text        |
| DTCALC    | CHARACTER | 8      | 0       | last date          |
| GROUPNAME | CHARACTER | 10     | 0       | group              |

| Column    | Type      | Length | Decimal | Domain                                       |
|-----------|-----------|--------|---------|--|
| CREATOR   | CHARACTER | 10     | 0       | creator                                      |
| ACTIVE    | CHARACTER | 1      | 0       | active                                       |
| COMPLETED | CHARACTER | 1      | 0       | completed                                    |
| MTHDOC    | CHARACTER | 254    | 0       | link to documentation file related to method |

## HSENVPAR

The HSENVPAR table is used for the test environment macro parameter and is populated during the *Work with Method* phase. The following table describes the columns in the HSENVPAR table:

| Column  | Type      | Length | Decimal | Domain                |
|---------|-----------|--------|---------|-----------------------|
| METHOD  | CHARACTER | 10     | 0       | method name           |
| MCRECID | BINARY    | 4      | 0       | machine/company ID    |
| CLATYPE | BINARY    | 4      | 0       | class identifier      |
| FLTPRG  | BINARY    | 4      | 0       | filter progressive    |
| PARMPRG | BINARY    | 4      | 0       | parameter progressive |
| VALUE   | CHARACTER | 254    | 0       | parameter value       |

## HSENVPRN

The HSENVPRN table is used for the test environment parent segment and is populated during the *Work with Method* phase. The following table describes the columns in the HSENVPRN table:

| Column   | Type   | Length | Decimal | Domain             |
|----------|--------|--------|---------|--------------------|
| MCRECID  | BINARY | 4      | 0       | machine/company ID |
| FILRECID | BINARY | 8      | 0       | file ID            |

## HSENVRRD

The HSENVRRD table is used for storing reload rules, and is populated during the *Work with Method* phase. The following table describes the columns in the HSENVRRD table:

| Column   | Type      | Length | Decimal | Domain             |
|----------|-----------|--------|---------|--------------------|
| METHOD   | CHARACTER | 10     | 0       | method name        |
| MCRECID  | BINARY    | 4      | 0       | machine/company ID |
| RELRULE  | CHARACTER | 10     | 0       | rule name          |
| FILRECID | BINARY    | 9      | 0       | file ID            |
| REPL     | CHARACTER | 1      | 0       | replace            |

## HSENVRRH

The HSENVRRH table is used for storing reload rules, and is populated during the *Work with Method* phase. The following table describes the columns in the HSENVRRH table:



| Column     | Type      | Length | Decimal | Domain                          |
|------------|-----------|--------|---------|---------------------------------|
| METHOD     | CHARACTER | 10     | 0       | method name                     |
| MCRECID    | BINARY    | 4      | 0       | machine/company ID              |
| RELRULE    | CHARACTER | 10     | 0       | rule name                       |
| RELRULETXT | CHARACTER | 50     | 0       | rule text                       |
| SKLLOAD    | CHARACTER | 8      | 0       | skeleton for LOAD               |
| SKLREP     | CHARACTER | 8      | 0       | skeleton for REPAIR             |
| SKLREP     | CHARACTER | 8      | 0       | skeleton for REPAIR             |
| MAXSTEP    | BINARY    | 4      | 0       | maximum number of steps per JCL |
| PDSNAME    | CHARACTER | 44     | 0       | PDS name for generated JCLs     |
| MBRLOAD    | CHARACTER | 5      | 0       | member for LOAD                 |
| MBRREP     | CHARACTER | 5      | 0       | member for REPAIR               |
| CRTSYS     | CHARACTER | 1      | 0       | create STSPUNCH                 |
| CRTLOA     | CHARACTER | 1      | 0       | create LOAD                     |
| TGTOWNER   | CHARACTER | 128    | 0       | target OWNER                    |
| TGTDSN     | CHARACTER | 5      | 0       | target DSN                      |

## HSENVSEQ

The HSENVSLQ table passes sequence information to the elaboration and must be populated manually. The following table describes the columns in the HSENVSEQ table:

| Column | Type | Length | Decimal | Domain |
|--------|------|--------|---------|--------|
|--------|------|--------|---------|--------|

## HSENVSTP

The HSENVSTP table is used for test environment steps and is populated during the *Work with Method* phase. The following table describes the columns in the HSENVSTP table:

| Column  | Type      | Length | Decimal | Domain             |
|---------|-----------|--------|---------|--------------------|
| METHOD  | CHARACTER | 10     | 0       | method name        |
| STEP    | BINARY    | 4      | 0       | step name          |
| MCRECID | BINARY    | 4      | 0       | machine/company ID |
| STEPTXT | CHARACTER | 50     | 0       | step text          |
| FLELAB  | CHARACTER | 1      | 0       | flag elab          |
| DTCALC  | CHARACTER | 8      | 0       | last date          |

| Column   | Type      | Length | Decimal | Domain                                     |
|----------|-----------|--------|---------|--|
| TIMECALC | CHARACTER | 8      | 0       | last time                                  |
| STPDOC   | CHARACTER | 254    | 0       | link to documentation file related to step |

## HSLICCHG

The HSLICCHG table is used for applying changes and is populated during the *Life Cycle* phase. The following table describes the columns in the HSLICCHG table:

| Column     | Type      | Length | Decimal | Domain                    |
|------------|-----------|--------|---------|---------------------------|
| MCRECID    | BINARY    | 4      | 0       | machine/company ID        |
| BKPMCRECID | BINARY    | 4      | 0       | backup machine/company ID |
| FLACTIVE   | CHARACTER | 1      | 0       | flag active               |

## HSLICFIL

The HSLICFIL table is used for changed files and is populated during the *Life Cycle* phase. The following table describes the columns in the HSLICFIL table:

| Column       | Type      | Length | Decimal | Domain                      |
|--------------|-----------|--------|---------|-----------------------------|
| MCRECID      | BINARY    | 4      | 0       | machine/Company ID          |
| MACHINEID    | CHARACTER | 10     | 0       | machine ID                  |
| CDSOC        | CHARACTER | 10     | 0       | company ID                  |
| FILRECID     | BINARY    | 9      | 0       | file ID                     |
| FILLIB       | CHARACTER | 128    | 0       | file library                |
| FILTYPE      | CHARACTER | 4      | 0       | file type                   |
| FILNAME      | CHARACTER | 128    | 0       | file name                   |
| FILVER       | BINARY    | 3      | 0       | file version                |
| RECFMT       | CHARACTER | 10     | 0       | format of record            |
| APPLID       | CHARACTER | 10     | 0       | application ID              |
| PROCID       | CHARACTER | 5      | 0       | process ID                  |
| UNLFILTYP    | CHARACTER | 4      | 0       | unload file type            |
| UNLFILNAM    | CHARACTER | 44     | 0       | unload file name            |
| UNLFILVER    | BINARY    | 3      | 0       | unload file version         |
| FMTSEL       | CHARACTER | 8      | 0       | format selected             |
| FILNICK      | CHARACTER | 10     | 0       | nickname of file            |
| CPYMCRECID   | BINARY    | 4      | 0       | copybook machine/company ID |
| CPYMACHINEID | CHARACTER | 10     | 0       | copybook machine ID         |
| CPYCDSOC     | CHARACTER | 10     | 0       | copybook company ID         |
| CPYLIB       | CHARACTER | 44     | 0       | copybook library            |
| CPYNAME      | CHARACTER | 10     | 0       | copybook name               |

| Column     | Type      | Length | Decimal | Domain                       |
|------------|-----------|--------|---------|------------------------------|
| IOAREANAME | CHARACTER | 30     | 0       | I/O area name                |
| IOAREAPRG  | BINARY    | 4      | 0       | I/O area prg.                |
| FILSTS     | CHARACTER | 1      | 0       | file status                  |
| FILCON     | CHARACTER | 1      | 0       | file confidence              |
| FILDATE    | CHARACTER | 8      | 0       | copybook identification date |
| FLDSTS     | CHARACTER | 1      | 0       | fields status                |
| FLDCON     | CHARACTER | 1      | 0       | fields confidence            |
| FLDDATE    | CHARACTER | 8      | 0       | fields identification date   |
| APPSTS     | CHARACTER | 1      | 0       | apply change status          |
| APPDATE    | CHARACTER | 8      | 0       | apply change date            |
| NEWCPY     | CHARACTER | 1      | 0       | new copybook                 |
| NEWFIL     | CHARACTER | 1      | 0       | new file                     |
| INFOPROV   | CHARACTER | 3      | 0       | information provider         |
| TYPNAME    | CHARACTER | 128    | 0       | ODBC Database Type Name      |

## HSLICFLD

The HSLICFLD table is used for changed files and is populated during the *Life Cycle* phase. The following table describes the columns in the HSLICFLD table:

| Column      | Type     | Length | Decimal | Domain             |
|-------------|----------|--------|---------|--------------------|
| MCRECID     | SMALLINT | 2      | 0       | machine/company ID |
| FILRECID    | INTEGER  | 4      | 0       | file ID            |
| OLDFLDRECID | INTEGER  | 4      | 0       | old field ID       |
| NEWFLDRECID | INTEGER  | 4      | 0       | new field ID       |
| FLDCON      | CHAR     | 1      | 0       | confidence         |

## HSLICFTF

The HSLICFTF table is used to store life cycle specifications, and is populated during the life cycle. The following table describes the columns in the HSLICFTF table:

| Column    | Type   | Length | Decimal | Domain                    |
|-----------|--------|--------|---------|---------------------------|
| MCRECID1  | BINARY | 4      | 0       | Source Machine/Company ID |
| FILRECID1 | BINARY | 9      | 0       | Source File ID            |
| MCRECID2  | BINARY | 4      | 0       | Target Machine/Company ID |
| FILRECID2 | BINARY | 9      | 0       | Target File ID            |

## HSLICLID

The HSLICLID table is used for source level IDs and is populated during the *Life Cycle* phase. The following table describes the columns in the HSLICLID table:

| Column   | Type      | Length | Decimal | Domain           |
|----------|-----------|--------|---------|------------------|
| CPYLIB   | CHARACTER | 128    | 0       | copybook library |
| CPYNAME  | CHARACTER | 128    | 0       | copybook name    |
| LVLID    | CHARACTER | 24     | 0       | level number     |
| NEWLVLID | CHARACTER | 24     | 0       | new level number |
| DSNAME   | CHARACTER | 128    | 0       | Database name    |

## HSLICSCD

The HSLICSCD table is currently unused, but is present to accommodate future development. The following table describes the columns in the HSLICSCD table:

| Column    | Type      | Length | Decimal | Domain               |
|-----------|-----------|--------|---------|----------------------|
| PHASE     | CHARACTER | 10     | 0       | Phase                |
| SEQUENCE  | BINARY    | 4      | 0       | Scheduling Sequence  |
| FREQUENCY | CHARACTER | 1      | 0       | Scheduling Frequency |
| DAYNBR    | BINARY    | 4      | 0       | Day Number           |
| CPYLIB    | CHARACTER | 44     | 0       | Data Set Name        |
| CPYTYPE   | CHARACTER | 1      | 0       | Data Set Type        |

## HSLICSTR

The HSLICSTR table is used for stratification and is populated during the *Life Cycle* phase. The following table describes the columns in the HSLICSTR table:

| Column    | Type     | Length | Decimal | Domain           |
|-----------|----------|--------|---------|------------------|
| CPYLIB    | CHAR TER | 44     | 0       | copybook library |
| BASCPYLIB | CHAR TER | 44     | 0       | based level      |
| LIBLVL    | BINARY   | 1      | 0       | Level number     |

## HSLOGTAB

The HSLOGTAB table is used for the logging process and is populated by the customer. The following table describes the columns in the HSLOGTAB table:

| Column     | Type     | Length | Decimal | Domain                  |
|------------|----------|--------|---------|-------------------------|
| MSGCODE    | CHAR TER | 7      | 0       | Return Code             |
| FLAGENVI   | CHAR TER | 7      | 0       | Flag for record writing |
| ROUTNAME   | CHAR TER | 8      | 0       | Logging Routine Name    |
| VALRETCODE | CHAR TER | 2      | 0       | System Variable Value   |

## HSSYSAUX

The HSSYSAUX table is used for SYSAUXRELS views. The following table describes the columns in the HSSYSAUX table:

| Column     | Type   | Length | Decimal | Domain                       |
|------------|--------|--------|---------|------------------------------|
| TBOWNER    | CHAR   | 128    | 0       | owner of the table           |
| TBNAME     | CHAR   | 128    | 0       | table name                   |
| COLNAME    | CHAR   | 128    | 0       | Column name                  |
| PARTITION  | BINARY | 4      | 0       | Partition                    |
| AUXTBOWNER | CHAR   | 128    | 0       | Owner of the auxiliary table |
| AUXTBNAME  | BINARY | 128    | 0       | Auxiliary Table name         |
| AUXRELOBID | BINARY | 4      | 0       | Internal identifier          |
| IBMREQID   | CHAR   | 1      | 0       |                              |

## HSSYSCKS

The HSSYSCKS table is used for SYSCHECKS views. The following table describes the columns in the HSSYSCKS table:

| Column         | Type | Length | Decimal | Domain                       |
|----------------|------|--------|---------|------------------------------|
| TBOWNER        | CHAR | 128    | 0       | Owner of the table           |
| CREATOR        | CHAR | 128    | 0       | Creator name                 |
| TBNAME         | CHAR | 128    | 0       | Table name                   |
| CHECKNAME      | CHAR | 128    | 0       | Check constraint name        |
| CHECKCONDITION | CHAR | 7400   | 0       | Text of the check constraint |

## HSSYSCOL

The HSSYSCOL table is used for SYSCOLUMNS views. The following table describes the columns in the HSSYSCOL table:

| Column    | Type     | Length | Decimal | Domain                                     |
|-----------|----------|--------|---------|--|
| NAME      | CHAR     | 128    | 0       | Column Name                                |
| TBNAME    | CHAR     | 128    | 0       | Table Name                                 |
| TBCREATOR | CHAR     | 128    | 0       | Creator name                               |
| COLNO     | SMALLINT | 4      | 0       | Numeric place of the column                |
| COLTYPE   | CHAR     | 8      | 0       | Column Type                                |
| LENGTH    | SMALLINT | 4      | 0       | Column length                              |
| SCALE     | CHAR     | 1      | 0       | Scale of decimal data                      |
| NULLS     | SMALLINT | 4      | 0       | Whether the column can contain null values |
| COLCARDS  | INTEGER  | 4      | 0       |  |
| HIGH2KEY  | VARCHAR  | 2000   | 0       | Second highest value of the column         |
| LOW2KEY   | VARCHAR  | 2000   | 0       | Second lowest value of the column          |
| UPDATES   | CHAR     | 1      | 0       | Whether the column can be updated          |
| IBMREQID  | CHAR     | 1      | 0       |  |

| Column       | Type      | Length | Decimal | Domain   |
|--------------|-----------|--------|---------|--|
| REMARKS      | VARCHAR   | 762    | 0       | A character string provided by the user                                |
| DEFAULT      | CHAR      | 1      | 0       | Default Value  |
| KEYSEQ       | SMALLINT  | 4      | 0       | The numeric position of the column within the primary key of the table |
| FOREIGNKEY   | CHAR      | 1      | 0       | Applies to character or CLOB columns                                   |
| FLDPROC      | CHAR      | 1      | 0       | Whether the column has a field procedure                               |
| LABEL        | VARCHAR   | 90     | 0       | The column label provided by the user                                  |
| STATSTIME    | TIMESTAMP | 4      | 0       | RUNSTAT statistics   |
| DEFAULTVALUE | VARCHAR   | 1563   | 0       | Default Value  |
| LENGTH2      | SMALLINT  | 4      | 0       | Maximum length of the data retrieved from the column                   |

## HSSYSDAU

The HSSYSDAU table is used for SYSDBAUTH views. The following table describes the columns in the HSSYSDAU table:

| Column        | Type    | Length | Decimal | Domain   |
|---------------|---------|--------|---------|--|
| GRANTOR       | CHAR    | 128    | 0       | Authorization ID of the user who granted the privileges                      |
| GRANTEE       | CHAR    | 128    | 0       | Application ID of the user who holds the privilege                           |
| NAME          | VARCHAR | 24     | 0       | Database name  |
| TIMESTAMP     | CHAR    | 12     | 0       |  |
| DATEGRANTED   | CHAR    | 6      | 0       |  |
| TIMEGRANTED   | CHAR    | 8      | 0       |  |
| GRANTEETYPE   | CHAR    | 1      | 0       | Indicates the type of grantee  |
| AUTHHOWGOT    | CHAR    | 1      | 0       | Authorization level of the user from whom the privileges were received       |
| CREATETABAUTH | CHAR    | 1      | 0       | Whether the GRANTEE can create tables within the database                    |
| CREATETSAUTH  | CHAR    | 1      | 0       | Whether the GRANTEE can create table spaces within the database              |
| DBADMAUTH     | CHAR    | 1      | 0       | Whether the GRANTEE has DBADM authority over the database                    |
| DBCTRLAUTH    | CHAR    | 1      | 0       | Whether the GRANTEE has DBCTRL authority over the database                   |
| DBMAINTAUTH   | CHAR    | 1      | 0       | Whether the GRANTEE has DBMAINT authority over the database                  |
| DISPLAYDBAUTH | CHAR    | 1      | 0       | Whether the GRANTEE can issue the DISPLAY command for the database           |
| DROPAUTH      | CHAR    | 1      | 0       | Whether the GRANTEE can issue the ALTER DATABASE and DROP DATABASE statement |

| Column        | Type      | Length | Decimal | Domain  |
|---------------|-----------|--------|---------|---|
| IMAGCOPYAUTH  | CHAR      | 1      | 0       | Whether the GRANTEE can use the COPY, MERGECOPY, MODIFY, and QUIESCE utilities on the database            |
| LOADAUTH      | CHAR      | 1      | 0       | Whether the GRANTEE can use the LOAD utility to load tables in the database                               |
| REORGAUTH     | CHAR      | 1      | 0       | Whether the GRANTEE can use the REORG utility to reorganize table spaces and indexes in the database      |
| RECOVERDBAUTH | CHAR      | 1      | 0       | Whether the GRANTEE can use the RECOVER and REPORT utilities on table spaces in the database              |
| REPAIRAUTH    | CHAR      | 1      | 0       | Whether the GRANTEE can use the DIAGNOSE and REPAIR utilities on table spaces and indexes in the Database |
| STARTDBAUTH   | CHAR      | 1      | 0       | Whether the GRANTEE can use the START command against the database  |
| STATSAUTH     | CHAR      | 1      | 0       | Whether the GRANTEE can use the CHECK and RUNSTATS utilities against the database                         |
| STOPAUTH      | CHAR      | 1      | 0       | Whether the GRANTEE can issue the STOP command against the database                                       |
| IBMREQD       | CHAR      | 1      | 0       |   |
| GRANTEDTS     | TIMESTAMP | 26     | 0       | Time when the GRANT statement was executed  |

## HSSYSDBA

The HSSYSDBA table is used for SYSDATABASE views. The following table describes the columns in the HSSYSDBA table:

| Column       | Type      | Length | Decimal | Domain  |
|--------------|-----------|--------|---------|---|
| NAME         | VARCHAR   | 24     | 0       | Database name   |
| CREATOR      | VARCHAR   | 128    | 0       | Authorization ID of the owner of the database   |
| STGROUP      | VARCHAR   | 128    | 0       | Name of the default storage group of the database                                       |
| BPOOL        | CHAR      | 8      | 0       | Name of the default buffer pool of the table space                                      |
| DBID         | SAMLLINT  | 4      | 0       | Internal identifier of the database   |
| IBMREQD      | CHAR      | 1      | 0       |   |
| CREATEDBY    | VARCHAR   | 128    | 0       | Primary authorization ID of the user who created the database                           |
| ROSHARE      | CHAR      | 1      | 0       |   |
| TIMESTAMP    | TIMESTAMP | 26     | 0       |   |
| TYPE         | CHAR      | 1      | 0       | Type of database  |
| GROUP_MEMBER | VARCHAR   | 24     | 0       | The DB2 data sharing member name of the DB2 subsystem that uses this work file database |

## HSSYSDEP

The HSSYSDEP table is used for *SYSCHECKDEP* views. The following table describes the columns in the HSSYSDEP table:

| Column    | Type    | Length | Decimal | Domain   |
|-----------|---------|--------|---------|--|
| TBOWNER   | VARCHAR | 128    | 0       | The schema of the table on which the check constraint is defined |
| TBNAME    | VARCHAR | 128    | 0       | Name of the table on which the check constraint is defined       |
| CHECKNAME | VARCHAR | 128    | 0       | Name of the check constraint                                     |
| COLNAME   | VARCHAR | 128    | 0       | Name of the column that the check constraint refers to           |
| IBMREQD   | CHAR    | 1      | 0       |  |

## HSSYSFKE

The HSSYSFKE table is used for *SYSFOREIGNKEYS* views. The following table describes the columns in the HSSYSFKE table:

| Column  | Type     | Length | Decimal | Domain   |
|---------|----------|--------|---------|--|
| CREATOR | VARCHAR  | 128    | 0       | Schema or qualifier of the table that contains the column                          |
| TBNAME  | VARCHAR  | 128    | 0       | Name of the table on contains the column   |
| RELNAME | VARCHAR  | 128    | 0       | Constraint name for the constraint for which the column is part of the foreign key |
| COLNAME | VARCHAR  | 128    | 0       | Name of the column   |
| COLNO   | SMALLINT | 4      | 0       | Numeric place of the column in its table   |
| COLSEQ  | SMALLINT | 4      | 0       | Numeric place of the column in the foreign key                                     |
| IBMREQD | CHAR     | 1      | 0       |  |

## HSSYSIND

The HSSYSIND table is used for *SYSINDEXES* views. The following table describes the columns in the HSSYSIND table:

| Column     | Type     | Length | Decimal | Domain  |
|------------|----------|--------|---------|---|
| NAME       | VARCHAR  | 128    | 0       | Name of the index                               |
| CREATOR    | VARCHAR  | 128    | 0       | The schema of the index                         |
| TBNAME     | VARCHAR  | 128    | 0       | Name of the table on which the index is defined |
| TBCREATOR  | VARCHAR  | 128    | 0       | The schema of the table                         |
| UNIQUERULE | CHAR     | 1      | 0       | Whether the index is unique                     |
| COLCOUNT   | SMALLINT | 4      | 0       | The number of columns in the key                |



| Column         | Type      | Length | Decimal | Domain   |
|----------------|-----------|--------|---------|--|
| CLUSTERING     | CHAR      | 1      | 0       | Whether CLUSTER was specified when the index was created   |
| CLUSTERED      | CHAR      | 1      | 0       | Whether the table is actually clustered by the index   |
| DBID           | SMALLINT  | 4      | 0       | Internal identifier of the database  |
| OBID           | SMALLINT  | 4      | 0       | Internal identifier of the index fan set descriptor  |
| ISOBID         | SMALLINT  | 4      | 0       | Internal identifier of the index page set descriptor   |
| DBNAME         | VARCHAR   | 24     | 0       | Name of the database that contains the index   |
| INDEXSPACE     | VARCHAR   | 24     | 0       | Name of the index space  |
| FIRSTKEYCARD   | INTEGER   | 4      | 0       |  |
| FULLKEYCARD    | INTEGER   | 4      | 0       |  |
| NLEAF          | INTEGER   | 4      | 0       | Number of active leaf pages in the index   |
| NLEVELS        | SMALLINT  | 4      | 0       | Number of levels in the index tree   |
| BPOOL          | CHAR      | 8      | 0       | Name of the buffer pool used for the index   |
| PGSIZE         | SMALLINT  | 4      | 0       | Contains the value 4, 8, 16, or 32 which indicates the size, in KB, of the leaf pages in the index         |
| ERASERULE      | CHAR      | 1      | 0       | Whether the data sets are erased when dropped  |
| DSETPASS       | CHAR      | 8      | 0       |  |
| CLOSERULE      | CHAR      | 1      | 0       | Whether the data sets are candidates for closure when the limit on the number of open data sets is reached |
| SPACE          | INTEGER   | 4      | 0       | Number of kilobytes of DASD storage allocated to the index   |
| IBMREQD        | CHAR      | 1      | 0       |  |
| CLUSTERRATIO   | SMALLINT  | 4      | 0       | Percentage of rows that are in clustering order  |
| CREATEDBY      | VARCHAR   | 128    | 0       | Primary authorization ID of the user who created the index   |
| IOFACTOR       | SMALLINT  | 4      | 0       |  |
| PREFETCHFACTOR | SMALLINT  | 4      | 0       |  |
| STATSTIME      | TIMESTAMP | 26     | 0       | RUNSTATS updated the statistics  |
| INDEXTYPE      | CHAR      | 1      | 0       | index type   |

## HSSYSIPA

The HSSYSIPA table is used for *SYSINDEXPART* views. The following table describes the columns in the HSSYSIPA table:

| Column    | Type     | Length | Decimal | Domain            |
|-----------|----------|--------|---------|-------------------|
| PARTITION | SMALLINT | 4      | 0       | Partition number  |
| IXNAME    | VARCHAR  | 128    | 0       | Name of the index |

| Column     | Type      | Length | Decimal | Domain   |
|------------|-----------|--------|---------|--|
| IXCREATOR  | VARCHAR   | 128    | 0       | The schema of the index  |
| PQTY       | INTEGER   | 4      | 0       | Primary quantity   |
| SQTY       | SMALLINT  | 4      | 0       | Secondary quantity   |
| STORATYPE  | CHAR      | 1      | 0       | Type of storage  |
| STORNAME   | VARCHAR   | 128    | 0       | Name of storage group  |
| VCATNAME   | VARCHAR   | 24     | 0       | Name of integrated catalog   |
| CARD       | INTEGER   | 4      | 0       |  |
| FAROFFPOS  | INTEGER   | 4      | 0       |  |
| LEAFDIST   | INTEGER   | 4      | 0       | 100 times the average number of leaf pages between successive active leaf pages of the index |
| NEAROFFPOS | INTEGER   | 4      | 0       |  |
| IBMREQD    | CHAR      | 1      | 0       |  |
| LIMITKEY   | VARCHAR   | 512    | 0       | The high value of the limit key of the partition in an internal format                       |
| FREEPAGE   | SMALLINT  | 4      | 0       | Number of pages that are loaded before a page is left as free space                          |
| PCTFREE    | SMALLINT  | 4      | 0       | Percentage of each leaf or nonleaf page that is left as free space                           |
| SPACE      | INTEGER   | 4      | 0       | Number of kilobytes of DASD storage allocated to the index space partition                   |
| STATSTIME  | TIMESTAMP | 26     | 0       | RUNSTATS updated the statistics  |
| INDEXTYPE  | CHAR      | 1      | 0       |  |
| GBPCACHE   | CHAR      | 1      | 0       | Group buffer pool cache option specified for this index or index partition                   |

## HSSYSKEY

The HSSYSKEY table is used for SYSKEY views. The following table describes the columns in the HSSYSKEY table:

| Column    | Type     | Length | Decimal | Domain  |
|-----------|----------|--------|---------|---|
| IXNAME    | VARCHAR  | 128    | 0       | Name of the index   |
| IXCREATOR | VARCHAR  | 128    | 0       | Schema or qualifier of the index                                  |
| COLNAME   | VARCHAR  | 128    | 0       | Name of the column of the key                                     |
| COLNO     | SMALLINT | 4      | 0       | Numeric position of the column in the table                       |
| COLSEQ    | SMALLINT | 4      | 0       | Numeric position of the column in the key for an index on columns |
| ORDERING  | CHAR     | 1      | 0       | Order of the column in the key                                    |
| IBMREQD   | CHAR     | 1      | 0       |   |

## HSSYSRAU

The HSSYSRAU table is used for SYSRESAUTH views. The following table describes the columns in the HSSYSRAU table:

| Column      | Type      | Length | Decimal | Domain   |
|-------------|-----------|--------|---------|--|
| GRANTOR     | VARCHAR   | 128    | 0       | Authorization ID of the user who granted the privilege                 |
| GRANTEE     | VARCHAR   | 128    | 0       | Authorization ID of the user who holds the privilege                   |
| QUALIFIER   | VARCHAR   | 128    | 0       | Qualifier of the table space   |
| NAME        | VARCHAR   | 128    | 0       | Name of the buffer pool  |
| GRANTEETYPE | CHAR      | 1      | 0       |  |
| AUTHHOWGOT  | CHAR      | 1      | 0       | Authorization level of the user from whom the privileges were received |
| OBTYPE      | CHAR      | 1      | 0       | Type of object   |
| TIMESTAMP   | CHAR      | 12     | 0       |  |
| DATEGRANTED | CHAR      | 8      | 0       |  |
| TIMEGRANTED | CHAR      | 8      | 0       |  |
| USEAUTH     | CHAR      | 1      | 0       | Whether the privilege is held with the GRANT option                    |
| IBMREQD     | CHAR      | 1      | 0       |  |
| GRANTEDTS   | TIMESTAMP | 26     | 0       | Time when the GRANT statement was executed                             |

## HSSYSREL

The HSSYSREL table is used for SYSRELS views. The following table describes the columns in the HSSYSREL table:

| Column       | Type      | Length | Decimal | Domain  |
|--------------|-----------|--------|---------|---|
| CREATOR      | VARCHAR   | 128    | 0       | The schema of the dependent table of the referential constraint                                   |
| TBNAME       | VARCHAR   | 128    | 0       | Name of the dependent table of the referential constraint   |
| RELNAME      | VARCHAR   | 128    | 0       | Constraint name   |
| REFTBNAME    | VARCHAR   | 128    | 0       | Name of the parent table of the referential constraint  |
| REFTBCREATOR | VARCHAR   | 128    | 0       | The schema of the parent table  |
| COLCOUNT     | SMALLINT  | 4      | 0       | Number of columns in the foreign key  |
| DELETERULE   | CHAR      | 1      | 0       | Type of delete rule for the referential constraint  |
| IBMREQD      | CHAR      | 1      | 0       |   |
| RELOBID1     | SMALLINT  | 4      | 0       | Internal identifier of the constraint with respect to the database that contains the parent table |
| RELOBID2     | SMALLINT  | 4      | 0       | Internal identifier of the constraint with respect to the database that contains the parent table |
| TIMESTAMP    | TIMESTAMP | 26     | 0       | Date and time the constraint was defined  |

| Column  | Type    | Length | Decimal | Domain   |
|---------|---------|--------|---------|--|
| IXOWNER | VARCHAR | 128    | 0       | The schema of unique non-primary index used for the parent key |
| IXNAME  | VARCHAR | 128    | 0       | Name of unique non-primary index used for a parent key         |

## HSSYSSYN

The HSSYSSYN table is used for SYSSYNONYMS views. The following table describes the columns in the HSSYSSYN table:

| Column    | Type      | Length | Decimal | Domain   |
|-----------|-----------|--------|---------|--|
| NAME      | VARCHAR   | 128    | 0       | Synonym for the table or view                                |
| CREATOR   | VARCHAR   | 128    | 0       | Authorization ID of the owner of the synonym                 |
| TBNAME    | VARCHAR   | 128    | 0       | Name of the table or view                                    |
| TBCREATOR | VARCHAR   | 128    | 0       | The schema of the table or view                              |
| IBMREQD   | CHAR      | 1      | 0       |  |
| CREATEDBY | VARCHAR   | 128    | 0       | Primary authorization ID of the user who created the synonym |
| CREATEDTS | TIMESTAMP | 26     | 0       | Time when the CREATE statement was executed for the synonym  |

## HSSYSTAB

The HSSYSTAB table is used for SYSTABLES views. The following table describes the columns in the HSSYSTAB table:

| Column      | Type     | Length | Decimal | Domain   |
|-------------|----------|--------|---------|--|
| NAME        | VARCHAR  | 128    | 0       | Name of the table, view, or alias  |
| CREATOR     | VARCHAR  | 128    | 0       | The schema of the table, view, or alias  |
| TYPE        | CHAR     | 1      | 0       | Type of object   |
| DBNAME      | VARCHAR  | 24     | 0       | For a table, or a view of tables, the name of the database that contains the table space named in TSNAME |
| TSNAME      | VARCHAR  | 24     | 0       | For a table, or a view of one table, the name of the table space that contains the table                 |
| DBID        | SMALLINT | 4      | 0       | Internal identifier of the database  |
| OBID        | SMALLINT | 4      | 0       | Internal identifier of the table   |
| COLCOUNT    | SMALLINT | 4      | 0       | Number of columns in the table or view   |
| EDPROC      | VARCHAR  | 24     | 0       | Name of the edit procedure   |
| VALPROC     | VARCHAR  | 24     | 0       | Name of the validation procedure   |
| CLUSTERTYPE | CHAR     | 1      | 0       | Whether RESTRICT ON DROP applies   |
| CLUSTERRID  | INTEGER  | 4      | 0       |  |

| Column       | Type      | Length | Decimal | Domain  |
|--------------|-----------|--------|---------|---|
| CARD         | INTEGER   | 4      | 0       |   |
| NPAGES       | INTEGER   | 4      | 0       | Total number of pages on which rows of the table appear                                       |
| PCTPAGES     | SMALLINT  | 4      | 0       | Percentage of active table space pages that contain rows of the table                         |
| IBMREQD      | CHAR      | 1      | 0       |   |
| REMARKS      | VARCHAR   | 762    | 0       | A character string provided by the user with the COMMENT statement                            |
| PARENTS      | SMALLINT  | 4      | 0       | Number of relationships in which the table is a dependent                                     |
| CHILDREN     | SMALLINT  | 4      | 0       | Number of relationships in which the table is a parent  |
| KEYCOLUMNS   | SMALLINT  | 4      | 0       | Number of columns in the primary key of the table   |
| RECLENGTH    | SMALLINT  | 4      | 0       | For user tables, the maximum length of any record in the table                                |
| STATUS       | CHAR      | 1      | 0       | Indicates the status of the table definition  |
| KEYOBID      | SMALLINT  | 4      | 0       | Internal DB2 identifier of the index that enforces uniqueness of the primary key of the table |
| LABEL        | VARCHAR   | 90     | 0       | The label as given by a LABEL statement; otherwise, the value is an empty string              |
| CHECKFLAG    | CHAR      | 1      | 0       | The table space that contains the table is in a check pending status                          |
| CHECKRID     | CHAR      | 4      | 0       |   |
| AUDITING     | CHAR      | 1      | 0       | Value of the audit option   |
| CREATEDBY    | VARCHAR   | 128    | 0       | Primary authorization ID of the user who created the table, view, or alias                    |
| LOCATION     | VARCHAR   | 128    | 0       | Location name of the object of an alias   |
| TBCREATOR    | VARCHAR   | 128    | 0       | name of the creator   |
| TBNAME       | VARCHAR   | 128    | 0       | the name of the base table  |
| CREATEDTS    | TIMESTAMP | 26     | 0       | Time when the CREATE statement was executed for the table, view, or alias                     |
| ALTEREDTS    | TIMESTAMP | 26     | 0       | Time when the CREATE statement was executed for the table, view, or alias                     |
| DATA_CAPTURE | CHAR      | 1      | 0       | Records the value of the DATA CAPTURE option for a table                                      |
| RBA1         | CHAR      | 6      | 0       | The log RBA when the table was created  |
| RBA2         | CHAR      | 6      | 0       | The log RBA when the table was created  |
| PCTROWCOMP   | SMALLINT  | 4      | 0       | Percentage of rows compressed within the total number of active rows in the table             |
| STATSTIME    | TIMESTAMP | 26     | 0       | RUNSTATS updated the statistics   |
| CHECKS       | SMALLINT  | 4      | 0       | Number of check constraints defined on the table  |

| Column              | Type    | Length | Decimal | Domain  |
|---------------------|---------|--------|---------|---|
| CARDF               | FLOAT   | 2      | 0       | Total number of rows in the table or total number of LOBs in an auxiliary table |
| CHECKRID5B          | CHAR    | 5      | 0       | Blank if the table or partition is not in a check pending status                |
| ENCODING_SCH<br>EME | CHAR    | 1      | 0       | Encoding scheme for tables  |
| TABLESTATUS         | VARCHAR | 30     | 0       | Indicates the reason for an incomplete table definition                         |

## HSSYSTAU

The HSSYTAU table is used for *SYSTABAUTH* views. The following table describes the columns in the HSSYTAU table:

| Column      | Type     | Length | Decimal | Domain   |
|-------------|----------|--------|---------|--|
| GRANTOR     | VARCHAR  | 128    | 0       | Authorization ID or role of the user who granted the privileges  |
| GRANTEE     | VARCHAR  | 128    | 0       | Authorization ID of the user who holds the privileges or the name of an application plan or package that uses the privileges   |
| GRANTEETYPE | CHAR     | 1      | 0       | Type of grantee  |
| DBNAME      | VARCHAR  | 24     | 0       | If the privileges were received from a user with DBADM, DBCTRL, or DBMAINT authority, DBNAME is the name of the database on which the GRANTOR has that Authority   |
| SCREATOR    | VARCHAR  | 128    | 0       | If the row of SYSIBM.SYSTABAUTH was created as a result of a CREATE VIEW statement, SCREATOR is the schema of a table or view referred to in the CREATE VIEW statement   |
| STNAME      | VARCHAR  | 128    | 0       | the name of a table or view referred to in the fullselect of the CREATE TABLE statement  |
| TCREATOR    | VARCHAR  | 128    | 0       | The schema of the table or view  |
| TTNAME      | VARCHAR1 | 128    | 0       | Name of the table or view  |
| AUTHHOWGOT  | CHAR     | 1      | 0       | Authorization level of the user from whom the privileges were received   |
| TIMESTAMP   | CHAR     | 12     | 0       |  |
| DATEGRANTED | CHAR     | 6      | 0       |  |
| TIMEGRANTED | CHAR     | 8      | 0       |  |
| UPDATECOLS  | CHAR     | 1      | 0       | The value is blank if the value of UPDATEAUTH applies uniformly to all columns of the table or view. The value is an asterisk (*) if the value of UPDATEAUTH applies to some columns but not to others. In this case, rows will exist in SYSIBM.SYSCOLAUTH with matching timestamps and PRIVILEGE = blank. These rows list the |

| Column          | Type      | Length | Decimal | Domain  |
|-----------------|-----------|--------|---------|---|
|                 |           |        |         | columns on which update privileges have been granted.   |
| ALTERAUTH       | CHAR      | 1      | 0       | Whether the GRANTEE can alter the table   |
| DELETEAUTH      | CHAR      | 1      | 0       | Whether the GRANTEE can delete rows from the table or view  |
| INDEXAUTH       | CHAR      | 1      | 0       | Whether the GRANTEE can create indexes on the table   |
| INSERTAUTH      | CHAR      | 1      | 0       | Whether the GRANTEE can insert rows into the table or view  |
| SELECTAUTH      | CHAR      | 1      | 0       | Whether the GRANTEE can select rows from the table or view  |
| UPDATEAUTH      | CHAR      | 1      | 0       | Whether the GRANTEE can update rows of the table or view  |
| IBMREQD         | CHAR      | 1      | 0       |   |
| GRANTEELOCATION | VARCHAR   | 128    | 0       |   |
| LOCATION        | VARCHAR   | 128    | 0       |   |
| COLLID          | VARCHAR   | 128    | 0       | If the GRANTEE is a package, its collection name. Otherwise, the value is blank   |
| CONTOKEN        | CHAR      | 8      | 0       | If the GRANTEE is a package, the consistency token of the DBRM from which the package was derived. Otherwise, the value is blank  |
| CAPTUREAUTH     | CHAR      | 1      | 0       |   |
| REFERENCESAUTH  | CHAR      | 1      | 0       | Whether the GRANTEE can create or drop referential constraints in which the table is a parent   |
| REFCOLS         | CHAR      | 1      | 0       | The value of this column is blank if the value of REFERENCESAUTH applies uniformly to all columns of the table. The value is an asterisk(*) if the value of REFERENCESAUTH applies to some columns but not to others. In this case, rows will exist in SYSIBM.SYSCOLAUTH with PRIVILEGE = R and matching timestamps that list the columns on which reference privileges have been granted |
| GRANTEDTS       | TIMESTAMP | 26     | 0       | Time when the GRANT statement was executed  |
| TRIGGERAUTH     | CHAR      | 1      | 0       | Whether the GRANTEE can create triggers in which the table is named as the subject table  |

## HSSYSTPA

The HSSYSTPA table is used for *SYSTABLEPART* views. The following table describes the columns in the HSSYSTPA table:

| Column    | Type     | Length | Decimal | Domain  |
|-----------|----------|--------|---------|---|
| PARTITION | SMALLINT | 4      | 0       | Partition number; 0 if table space is not partitioned |

| Column     | Type      | Length | Decimal | Domain   |
|------------|-----------|--------|---------|--|
| TSNAME     | VARCHAR   | 24     | 0       | Name of the table space  |
| DBNAME     | VARCHAR   | 24     | 0       | Name of the database that contains the table space                                     |
| IXNAME     | VARCHAR   | 128    | 0       | Name of the partitioning index   |
| IXCREATOR  | VARCHAR   | 128    | 0       | The schema of the partitioning index   |
| PQTY       | INTEGER   | 4      | 0       | Primary quantity   |
| SQTY       | SMALLINT  | 4      | 0       | Secondary quantity   |
| STORATYPE  | CHAR      | 1      | 0       | Type of storage allocation   |
| STORNAME   | VARCHAR   | 128    | 0       | Name of storage group used for space allocation  |
| VCATNAME   | VARCHAR   | 24     | 0       | Name of integrated catalog facility catalog used for space allocation                  |
| CARD       | INTEGER   | 4      | 0       | Number of rows in the table space or partition   |
| FARINDREF  | INTEGER   | 4      | 0       | Number of rows that have been relocated far from their original page                   |
| NEARINDREF | INTEGER   | 4      | 0       | Number of rows that have been relocated near their original page                       |
| PERCACTIVE | SMALLINT  | 4      | 0       | Percentage of space occupied by rows of data from active tables                        |
| PERCDROP   | SMALLINT  | 4      | 0       | Percentage of space occupied by rows of dropped tables                                 |
| IBMREQD    | CHAR      | 1      | 0       |  |
| LIMITKEY   | VARCHAR   | 765    | 0       | The high value of the partition in external format                                     |
| FREEPAGE   | SMALLINT  | 4      | 0       | Number of pages loaded before a page is left as free space                             |
| PCTFREE    | SMALLINT  | 4      | 0       | Percentage of each page left as free space   |
| CHECKFLAG  | CHAR      | 1      | 0       |  |
| CHECKRID   | CHAR      | 4      | 0       |  |
| SPACE      | INTEGER   | 4      | 0       |  |
| COMPRESS   | CHAR      | 1      | 0       |  |
| PAGESAVE   | SMALLINT  | 4      | 0       |  |
| STATSTIME  | TIMESTAMP | 26     | 0       | RUNSTATS updated the statistics  |
| GBPCACHE   | CHAR      | 1      | 0       | Group buffer pool cache option specified for this table space or table space partition |

## HSSYSTSP

The HSSYSTSP table is used for SYSTABLESPACE views. The following table describes the columns in the HSSYSTSP table:

| Column | Type    | Length | Decimal | Domain                  |
|--------|---------|--------|---------|-------------------------|
| NAME   | VARCHAR | 24     | 0       | Name of the table space |



| Column      | Type      | Length | Decimal | Domain   |
|-------------|-----------|--------|---------|--|
| CREATOR     | VARCHAR   | 128    | 0       | Authorization ID of the owner of the table space   |
| DBNAME      | VARCHAR   | 24     | 0       | Name of the database that contains the table space   |
| DBID        | SMALLINT  | 4      | 0       | Internal identifier of the database which contains the table Space   |
| OBID        | SMALLINT  | 4      | 0       | Internal identifier of the table space file descriptor   |
| PSID        | SMALLINT  | 4      | 0       | Internal identifier of the table space page set descriptor   |
| BPOOL       | CHAR      | 8      | 0       | Name of the buffer pool used for the table space   |
| PARTITIONS  | SMALLINT  | 4      | 0       | Number of partitions of the table space; 0 if the table space is not partitioned   |
| LOCKRULE    | CHAR      | 1      | 0       | Lock size of the table space   |
| PGSIZE      | SMALLINT  | 4      | 0       | Size of pages in the table space in kilobytes  |
| ERASERULE   | CHAR      | 1      | 0       | Whether the data sets are to be erased when dropped  |
| STATUS      | CHAR      | 1      | 0       | Availability status of the table space   |
| IMPLICIT    | CHAR      | 1      | 0       | Whether the table space was created implicitly   |
| NTABLES     | SMALLINT  | 4      | 0       | Number of tables defined in the table space  |
| NACTIVE     | INTEGER   | 4      | 0       | Number of active pages in the table space  |
| DSETPASS    | VARCHAR   | 24     | 0       |  |
| CLOSERULE   | CHAR      | 1      | 0       | Whether the data sets are candidates for closure when the limit on the number of open data sets is reached               |
| SPACE       | INTEGER   | 4      | 0       |  |
| IBMREQD     | CHAR      | 1      | 0       |  |
| ROOTNAME    | VARCHAR   | 54     | 0       |  |
| ROOTCREATOR | VARCHAR   | 24     | 0       |  |
| SEGSIZE     | SMALLINT  | 4      | 0       | Number of pages in each segment of a segmented table space   |
| CREATEDBY   | VARCHAR   | 128    | 0       | Primary authorization ID of the user who created the table space   |
| STATSTIME   | TIMESTAMP | 26     | 0       | RUNSTATS updated the statistics  |
| LOCKMAX     | INTEGER   | 4      | 0       | The maximum number of locks per user to acquire for the table or table space before escalating to the next locking level |
| TYPE        | CHAR      | 1      | 0       | The type of table space  |

## HSSYSVDE

The HSSYSVDE table is used for *SYSVIEWDEP* views. The following table describes the columns in the HSSYSVDE table:

| Column   | Type    | Length | Decimal | Domain  |
|----------|---------|--------|---------|---|
| BNAME    | VARCHAR | 128    | 0       | Name of the object on which the view is dependent |
| BCREATOR | VARCHAR | 128    | 0       | Authorization ID of the owner of BNAME            |
| BTYPE    | CHAR    | 1      | 0       | Type of object                                    |
| DNAME    | VARCHAR | 128    | 0       | Name of the view.                                 |
| DCREATOR | VARCHAR | 128    | 0       | The schema of the view                            |
| IBMREQD  | CHAR    | 1      | 0       |   |
| BSCHEMA  | VARCHAR | 128    | 0       | Schema of BNAME                                   |

## HSSYSVIE

The HSSYSVIE table is used for *SYSVIEWS* views. The following table describes the columns in the HSSYSVIE table:

| Column  | Type     | Length | Decimal | Domain  |
|---------|----------|--------|---------|---|
| NAME    | VARCHAR  | 128    | 0       | Name of the object  |
| CREATOR | VARCHAR  | 128    | 0       | The schema of the object  |
| SEQNO   | SMALLINT | 4      | 0       | Sequence number of this row   |
| CHECK   | CHAR     | 1      | 0       | Whether the WITH CHECK OPTION clause was specified in the CREATE VIEW statement |
| IBMREQD | CHAR     | 1      | 0       |   |
| TEXT    | VARCHAR  | 1500   | 0       | Text or portion of the text of the statement that was used to create the object |

## HSURDAPP

The HSURDAPP table is used for the application identifiers list, and is populated during the Life Cycle phase. The following table describes the columns in the HSURDAPP table:

| Column  | Type      | Length | Decimal | Domain         |
|---------|-----------|--------|---------|----------------|
| APPLID  | CHARACTER | 10     | 0       | application ID |
| DESAPP  | CHARACTER | 50     | 0       | description    |
| DATEINS | CHARACTER | 8      | 0       | insert date    |
| TIMEINS | CHARACTER | 8      | 0       | insert time    |

## HSURDAUT

The HSURDAUT table is used for storing user profiling information, and is populated during the *User Credentials* phase:

| Column   | Type      | Length | Decimal | Domain             |
|----------|-----------|--------|---------|--------------------|
| MCRECID  | BINARY    | 4      | 0       | machine/company ID |
| AUTHUSER | CHARACTER | 128    | 0       | user name          |

| Column     | Type      | Length | Decimal | Domain         |
|------------|-----------|--------|---------|----------------|
| AUTHPERMIT | CHARACTER | 128    | 0       | authority type |

## HSURDCAR

The HSURDCAR table is used for DB2 table cardinality and is populated during the *DB2 Catalog Synchronization* phase. The following table describes the columns in the HSURDCAR table:

| Column    | Type      | Length | Decimal | Domain            |
|-----------|-----------|--------|---------|-------------------|
| TBCREATOR | CHARACTER | 128    | 0       | table creator     |
| TBNAME    | CHARACTER | 128    | 0       | table name        |
| CARD      | BINARY    | 4      | 0       | table cardinality |

## HSURDCJD

The HSURDCJD table is used for storing custom jobs, and is populated during the *Work with Jobs* phase. The following table describes the columns in the HSURDCJD table:

| Column   | Type      | Length | Decimal | Domain                  |
|----------|-----------|--------|---------|-------------------------|
| JOBNAME  | CHARACTER | 8      | 0       | job name                |
| PARMPRG  | BINARY    | 4      | 0       | parameter progressive   |
| PARMDESC | CHARACTER | 100    | 0       | parameter description   |
| PARMVAR  | CHARACTER | 10     | 0       | parameter variable name |
| PARMTYPE | CHARACTER | 1      | 0       | parameter type          |
| PARMLEN  | BINARY    | 4      | 0       | parameter length        |

## HSURDCJH

The HSURDCJH table is used for storing custom jobs, and is populated during the *Work with Jobs* phase. The following table describes the columns in the HSURDCJH table:

| Column     | Type      | Length | Decimal | Domain               |
|------------|-----------|--------|---------|----------------------|
| JOBNAME    | CHARACTER | 8      | 0       | job name             |
| SKLNAME    | CHARACTER | 8      | 0       | skeleton name        |
| JOBDESC    | CHARACTER | 100    | 0       | job description      |
| JOBPROCESS | CHARACTER | 20     | 0       | job process          |
| PARMNUM    | BINARY    | 4      | 0       | job parameter number |

## HSURDCLA

The HSURDCLA table is used for the field classes list and is populated during the *Work with Field Class* phase. The following table describes the columns in the HSURDCLA table:

| Column  | Type   | Length | Decimal | Domain           |
|---------|--------|--------|---------|------------------|
| CLATYPE | BINARY | 3      | 0       | class identifier |

| Column    | Type      | Length | Decimal | Domain                  |
|-----------|-----------|--------|---------|-------------------------|
| CLACLS    | CHARACTER | 1      | 0       | short class identifier  |
| DSCLATYPE | CHARACTER | 30     | 0       | class description       |
| DRCLATYPE | CHARACTER | 7      | 0       | class short description |
| EUROSENS  | CHARACTER | 1      | 0       | euro sensitive flag     |
| PRIMCLS   | BINARY    | 3      | 0       | primary class           |
| FLALFA    | CHARACTER | 1      | 0       | alphanumeric field      |
| FLZND     | CHARACTER | 1      | 0       | zoned field             |
| FLPCK     | CHARACTER | 1      | 0       | packed field            |
| FLBIN     | CHARACTER | 1      | 0       | binary field            |
| FLEDT     | CHARACTER | 1      | 0       | edited field            |
| LENMIN    | BINARY    | 5      | 0       | minimum length          |
| LENMAX    | BINARY    | 5      | 0       | maximum length          |
| INTMIN    | BINARY    | 3      | 0       | minimum integer         |
| INTMAX    | BINARY    | 3      | 0       | maximum integer         |
| DECMIN    | BINARY    | 3      | 0       | minimum decimal         |
| DECMAX    | BINARY    | 3      | 0       | maximum decimal         |
| SUPCLASS  | CHARACTER | 1      | 0       | super class             |
| EDITMSK   | CHARACTER | 32     | 0       | edit mask               |
| FLCARD    | CHARACTER | 3      | 0       | cardinality             |

## HSURDCOL

The `HSURDCOL` table is used for `SYSCOLUMNS` views. The following table describes the columns in the `HSURDCOL` table:

| Column    | Type      | Length | Decimal | Domain                                |
|-----------|-----------|--------|---------|---------------------------------------|
| NAME      | CHARACTER | 128    | 0       | field name                            |
| TBNAME    | CHARACTER | 128    | 0       | table name                            |
| TBCREATOR | CHARACTER | 128    | 0       | owner of the table                    |
| COLNO     | BINARY    | 4      | 0       | number of column                      |
| COLTYPE   | CHARACTER | 8      | 0       | field type                            |
| LENGTH    | BINARY    | 4      | 0       | field length                          |
| SCALE     | BINARY    | 4      | 0       | field scale                           |
| NULLS     | CHARACTER | 1      | 0       | null flag                             |
| REMARKS   | CHARACTER | 762    | 0       | field description                     |
| HIDDEN    | CHARACTER | 1      | 0       | hidden column (for internal use only) |

## HSURDCOM

The HSURDCOM table is used for the companies list and is populated during the *Work with Company* phase. The following table describes the columns in the HSURDCOM table:

| Column    | Type      | Length | Decimal | Domain             |
|-----------|-----------|--------|---------|--------------------|
| MACHINEID | CHARACTER | 10     | 0       | machine ID         |
| CDSOC     | CHARACTER | 10     | 0       | company code       |
| MCRECID   | BINARY    | 4      | 0       | machine/company ID |
| DESCSOC   | CHARACTER | 50     | 0       | description        |
| DATEINS   | CHARACTER | 8      | 0       | insert date        |
| TIMEINS   | CHARACTER | 8      | 0       | insert time        |

## HSURDCPY

The HSURDCPY table is used for the copybook/includes list and is populated during the *Work with Copybook* phase. The following table describes the columns in the HSURDCPY table:

| Column     | Type      | Length | Decimal | Domain                         |
|------------|-----------|--------|---------|--------------------------------|
| MCRECID    | BINARY    | 4      | 0       | machine/company ID             |
| CPYLIB     | CHARACTER | 44     | 0       | copybook library               |
| CPYNAME    | CHARACTER | 10     | 0       | copybook name                  |
| IOAREANAME | CHARACTER | 30     | 0       | I/O area name                  |
| IOAREAPRG  | BINARY    | 3      | 0       | I/O area progressive           |
| CPYTXT     | CHARACTER | 50     | 0       | copybook text                  |
| FLANAL     | CHARACTER | 1      | 0       | analysis flag                  |
| FLBAD      | CHARACTER | 1      | 0       | bad copybook flag              |
| FLBADTYPE  | CHARACTER | 1      | 0       | type of anomaly                |
| LANGUAGE   | CHARACTER | 3      | 0       | language                       |
| FLMORE01   | CHARACTER | 1      | 0       | flag more than one 01 level    |
| FLMOREPRG  | CHARACTER | 1      | 0       | flag more than one progressive |
| ASSOCIATED | CHARACTER | 1      | 0       | I/O area associated            |
| RECLEN     | BINARY    | 5      | 0       | record length                  |
| NUMFLD     | BINARY    | 5      | 0       | number of fields               |
| NUMFLDPCK  | BINARY    | 5      | 0       | number of packed fields        |
| NUMFLDBIN  | BINARY    | 5      | 0       | number of binary fields        |

## HSURDDFT

The HSURDDFT table is used for analysis parameters and is populated during the *Define Copybook Analysis Parameters* phase and *Define File Analysis Parameters* phase. The following table describes the columns in the HSURDDFT table:

| Column   | Type      | Length | Decimal | Domain                |
|----------|-----------|--------|---------|-----------------------|
| STEP     | CHARACTER | 1      | 0       | step value            |
| MCRECID  | BINARY    | 4      | 0       | machine/company ID    |
| APPLID   | CHARACTER | 10     | 0       | application ID        |
| FILRECID | BINARY    | 9      | 0       | file ID               |
| FLDRECID | BINARY    | 9      | 0       | field ID              |
| PARMNAME | CHARACTER | 10     | 0       | parameter name        |
| VALUE    | CHARACTER | 10     | 0       | value                 |
| LENVALUE | CHARACTER | 2      | 0       | length of VALUE field |

## HSURDEKY

The HSURDEKY table is used for DB2 table external keys and is populated during the *DB2 Catalog Synchronization* phase. The following table describes the columns in the HSURDEKY table:

| Column    | Type      | Length | Decimal | Domain                |
|-----------|-----------|--------|---------|-----------------------|
| TBCREATOR | CHARACTER | 128    | 0       | table creator         |
| TBNAME    | CHARACTER | 128    | 0       | table name            |
| IXCREATOR | CHARACTER | 128    | 0       | index creator         |
| IXNAME    | CHARACTER | 128    | 0       | index name            |
| COLSEQ    | BINARY    | 2      | 0       | index column sequence |
| COLNAME   | CHARACTER | 30     | 0       | index column name     |
| COLNO     | BINARY    | 2      | 0       | index column number   |

## HSURDEXT

The HSURDEXT table is used for extension file fields and is populated during the *Define Company* phase. The following table describes the columns in the HSURDEXT table:

| Column    | Type      | Length | Decimal | Domain                      |
|-----------|-----------|--------|---------|-----------------------------|
| MCRECID   | BINARY    | 4      | 0       | machine/company ID          |
| FILRECID  | BINARY    | 9      | 0       | copybook library            |
| FLDRECID  | BINARY    | 9      | 0       | copybook name               |
| PCLASS    | CHARACTER | 10     | 0       | I/O area name               |
| PNAME     | CHARACTER | 240    | 0       | I/O area progressive        |
| PPRG      | BINARY    | 4      | 0       | copybook text               |
| PVALNAT   | CHARACTER | 1      | 0       | analysis flag               |
| PVALLEN   | BINARY    | 5      | 0       | bad copybook flag           |
| PVALDEC   | BINARY    | 3      | 0       | type of anomaly             |
| PVALUE    | CHARACTER | 254    | 0       | language                    |
| PEXTVALUE | VARCHAR   | 1024   | 0       | flag more than one 01 level |

| Column  | Type      | Length | Decimal | Domain                         |
|---------|-----------|--------|---------|--------------------------------|
| PUPDATE | TIMESTAMP |        | 0       | flag more than one progressive |

## HSURDFIL

The HSURDFIL table is used for the file list and is populated during the *Load Data Store* Information phase and *Work with Data Store* phase. The following table describes the columns in the HSURDFIL table:

| Column    | Type      | Length | Decimal | Domain                       |
|-----------|-----------|--------|---------|------------------------------|
| MCRECID   | BINARY    | 4      | 0       | machine/company ID           |
| FILLIB    | CHARACTER | 128    | 0       | file library                 |
| FILTYPE   | CHARACTER | 4      | 0       | file type                    |
| FILNAME   | CHARACTER | 128    | 0       | file name                    |
| FILVER    | BINARY    | 3      | 0       | file version                 |
| RECFMT    | CHARACTER | 10     | 0       | format of record             |
| FILRECID  | BINARY    | 9      | 0       | file ID                      |
| TSNAME    | CHARACTER | 24     | 0       | tablespace name              |
| DBNAME    | CHARACTER | 24     | 0       | database name                |
| OBID      | BINARY    | 4      | 0       | OBID                         |
| APPLID    | CHARACTER | 10     | 0       | application ID               |
| FILTXT    | CHARACTER | 50     | 0       | text                         |
| FREQLOG   | CHARACTER | 1      | 0       | logging frequency            |
| FREQSPE   | CHARACTER | 1      | 0       | sampling frequency           |
| FREQCORR  | CHARACTER | 1      | 0       | data corruption frequency    |
| NUMREC    | BINARY    | 9      | 0       | number of records            |
| PROCID    | CHARACTER | 5      | 0       | process ID                   |
| UNLFILTY  | CHARACTER | 4      | 0       | unload file type             |
| UNLFILNAM | CHARACTER | 128    | 0       | unload file name             |
| UNLFILVER | BINARY    | 3      | 0       | unload file version          |
| RECLLEN   | BINARY    | 5      | 0       | length of record             |
| FMTSEL    | CHARACTER | 8      | 0       | format selector              |
| DATEANA   | CHARACTER | 8      | 0       | date of analysis             |
| DATECAL   | CHARACTER | 8      | 0       | date of last calculation     |
| DATELOG   | CHARACTER | 8      | 0       | date of last log             |
| DATESPE   | CHARACTER | 8      | 0       | date of last spectrum        |
| DATECORR  | CHARACTER | 8      | 0       | date of last data corruption |
| MBFTYP    | CHARACTER | 1      | 0       | type of file                 |
| ANALYSIS  | CHARACTER | 1      | 0       | analysis state               |
| RECANAL   | BINARY    | 9      | 0       | number of record analyzed    |

| Column     | Type      | Length | Decimal | Domain                   |
|------------|-----------|--------|---------|--------------------------|
| CPYLIB     | CHARACTER | 44     | 0       | associated copybook PDS  |
| CPYNAME    | CHARACTER | 10     | 0       | associated copybook name |
| IOAREANAME | CHARACTER | 30     | 0       | I/O area name            |
| IOAREAPRG  | BINARY    | 3      | 0       | I/O area progressive     |
| INFOPROV   | CHARACTER | 3      | 0       | information provider     |
| FILNICK    | CHARACTER | 10     | 0       | nickname of file         |
| LOGMON     | CHARACTER | 1      | 0       | logging enabled          |
| DCMON      | CHARACTER | 1      | 0       | data corruption enabled  |
| LOGALARM   | CHARACTER | 1      | 0       | logging alarm            |
| DCALARM    | CHARACTER | 1      | 0       | data corruption alarm    |
| FLANAG     | CHARACTER | 1      | 0       | is demographic           |
| COENAB     | CHARACTER | 1      | 0       | data consistency         |
| DATECO     | CHARACTER | 8      | 0       | consistency date         |
| FANAGPRO   | CHARACTER | 3      | 0       | demographic provider     |
| FILCAT     | BINARY    | 4      | 0       | file category            |
| FLAG01     | CHARACTER | 1      | 0       | FB or VB flag            |
| FLAG02     | CHARACTER | 1      | 0       | currently unused         |
| FLAG03     | CHARACTER | 1      | 0       | currently unused         |
| FLAG04     | CHARACTER | 1      | 0       | currently unused         |
| FLAG05     | CHARACTER | 1      | 0       | currently unused         |
| TYPNAME    | CHARACTER | 128    | 0       | ODBC Database Type Name  |

## HSURDFIN

The `HSURDFIN` table is used for Oracle nested tables and is populated during the *Distributed loader* phase. The following table describes the columns in the `HSURDFIN` table:

| Column    | Type      | Length | Decimal | Domain              |
|-----------|-----------|--------|---------|---------------------|
| MCRECID   | BINARY    | 4      | 0       | machine/company ID  |
| FILLIB    | CHARACTER | 128    | 0       | file library        |
| FILTYPE   | CHARACTER | 4      | 0       | file type           |
| FILNAME   | CHARACTER | 128    | 0       | file name           |
| FILRECID  | BINARY    | 9      | 0       | file ID             |
| FILRECIDN | BINARY    | 9      | 0       | file ID for nested  |
| COLNAME   | CHARACTER | 128    | 0       | column name         |
| UNLFILTYP | CHARACTER | 4      | 0       | unload file type    |
| UNLFILNAM | CHARACTER | 128    | 0       | unload file name    |
| TYPNAME   | CHAR      | 128    | 0       | ODBC Data Type Name |



## HSURDINT

The HSURDINT table is used to store interfaces that manage metadata import and export, and is populated during the export phase, or populated manually. The following table describes the columns in the HSURDINT table:

| Column  | Type      | Length | Decimal | Domain            |
|---------|-----------|--------|---------|-------------------|
| INTNAME | CHARACTER | 10     | 0       | Interface Name    |
| INTTYPE | CHARACTER | 3      | 0       | Interface Type    |
| INTPRG  | BINARY    | 9      | 0       | Interface Program |
| INTTXT  | VARCHAR   | 4000   | 0       | Interface Text    |

## HSURDICP

The HSURDICP table is used for image copybook data set names and is populated during the *DB2 Catalog Synchronization* phase. The following table describes the columns in the HSURDICP table:

| Column          | Type      | Length | Decimal | Domain          |
|-----------------|-----------|--------|---------|-----------------|
| DBNAME          | CHARACTER | 24     | 0       | database name   |
| TSNAME          | CHARACTER | 24     | 0       | tablespace name |
| DSNUM           | INTEGER   | 4      | 0       | data set number |
| ICDATE          | CHARACTER | 8      | 0       | date            |
| DSNAME          | CHARACTER | 44     | 0       | data set name   |
| DSTIMESTAM<br>P | CHARACTER | 26     | 0       | date and time   |

## HSURDJOB

The HSURDJOB table is used for scheduled client jobs and is populated during the *Client – Work with Jobs* phase. The following table describes the columns in the HSURDJOB table:

| Column    | Type      | Length | Decimal | Domain              |
|-----------|-----------|--------|---------|---------------------|
| JOBRECID  | BINARY    | 9      | 0       | job ID              |
| USERID    | CHARACTER | 10     | 0       | user ID             |
| JOBNAME   | CHARACTER | 10     | 0       | job name            |
| JOBPARM   | CHARACTER | 1024   | 0       | job parameter       |
| FLSTATUS  | CHARACTER | 1      | 0       | flag status         |
| DTTMSUBM  | CHARACTER | 16     | 0       | scheduled timestamp |
| DTTMSTART | CHARACTER | 16     | 0       | submitted timestamp |
| DTTMEND   | CHARACTER | 16     | 0       | ended timestamp     |

## HSURDKEY

The HSURDKEY table is used for DB2 table keys and is populated during the *DB2 Catalog Synchronization* phase. The following table describes the columns in the HSURDKEY table:

| Column    | Type      | Length | Decimal | Domain                |
|-----------|-----------|--------|---------|-----------------------|
| TBCREATOR | CHARACTER | 128    | 0       | table creator         |
| TBNAME    | CHARACTER | 128    | 0       | table name            |
| IXCREATOR | CHARACTER | 128    | 0       | index creator         |
| IXNAME    | CHARACTER | 128    | 0       | index name            |
| COLSEQ    | BINARY    | 2      | 0       | index column sequence |
| COLNAME   | CHARACTER | 30     | 0       | index column name     |
| COLNO     | BINARY    | 2      | 0       | index column number   |

## HSURDLIC

The HSURDLIC table is used for DB2 table information and is populated during the *phase one of the Life Cycle*. The following table describes the columns in the HSURDLIC table:

| Column   | Type      | Length | Decimal | Domain                  |
|----------|-----------|--------|---------|-------------------------|
| FILLIB   | CHARACTER | 128    | 0       | file library            |
| FILNAME  | CHARACTER | 128    | 0       | file name               |
| TSNAME   | CHARACTER | 24     | 0       | tablespace name         |
| DBNAME   | CHARACTER | 24     | 0       | database name           |
| OBID     | SMALLINT  | 4      | 0       | OBID                    |
| FILTXT   | CHARACTER | 50     | 0       | text                    |
| NUMREC   | INTEGER   | 9      | 0       | number of records       |
| RECLEN   | INTEGER   | 5      | 0       | length of record        |
| MCRECID  | SMALLINT  | 4      | 0       | machine/company ID      |
| FILRECID | INTEGER   | 9      | 0       | file ID                 |
| ODBNAME  | CHARACTER | 128    | 0       | ODBC entry              |
| TYPNAME  | CHARACTER | 128    | 0       | ODBC database type name |
| NEWLVLID | CHARACTER | 24     | 0       | new level number        |

## HSURDLOG

The HSURDLOG table is used for error messages and is populated during all batch functions. The following table describes the columns in the HSURDLOG table:

| Column    | Type      | Length | Decimal | Domain     |
|-----------|-----------|--------|---------|------------|
| MACHINEID | CHARACTER | 10     | 0       | machine ID |
| CDSOC     | CHARACTER | 10     | 0       | company    |

| Column    | Type      | Length | Decimal | Domain                    |
|-----------|-----------|--------|---------|---------------------------|
| PGMNAME   | CHARACTER | 10     | 0       | program name              |
| JOBNAME   | CHARACTER | 10     | 0       | job name                  |
| USERNAME  | CHARACTER | 10     | 0       | user name                 |
| JOBID     | INTEGER   |        |         | job ID                    |
| TIMESTAMP | CHARACTER | 26     | 0       | timestamp                 |
| PROGR     | CHARACTER | 9      | 0       | progressive number        |
| TPERR     | CHARACTER | 1      | 0       | error type                |
| TPSRC     | CHARACTER | 3      | 0       | source type               |
| CPYLIB    | CHARACTER | 44     | 0       | copybook library          |
| CPYNAME   | CHARACTER | 10     | 0       | copybook name             |
| FILLIB    | CHARACTER | 128    | 0       | file library              |
| FILTYPE   | CHARACTER | 4      | 0       | file type                 |
| FILNAME   | CHARACTER | 128    | 0       | file name                 |
| FILVER    | CHARACTER | 3      | 0       | file version              |
| RECFMT    | CHARACTER | 10     | 0       | format of record          |
| FILRECID  | INTEGER   |        |         | file ID                   |
| FLDNAME   | CHARACTER | 128    | 0       | field name                |
| FLDDISPL  | INTEGER   |        | 0       | Field displacement        |
| RIGA      | CHARACTER | 5      | 0       | row number                |
| OBJ       | CHARACTER | 10     | 0       | object name               |
| TPOBJ     | CHARACTER | 3      | 0       | object type               |
| OPER      | CHARACTER | 8      | 0       | operation                 |
| RC        | CHARACTER | 2      | 0       | return dode               |
| MSGID     | CHARACTER | 7      | 0       | message ID                |
| PARM      | VARCHAR   | 512    | 0       | message data field values |
| DATE      | CHARACTER | 6      | 0       | date                      |
| TIME      | CHARACTER | 8      | 0       | time                      |
| DESCR     | CHARACTER | 132    | 0       | description               |
| FLGPHASE  | CHARACTER | 1      | 0       | phase flag                |
| MSGTYPE   | CHARACTER | 1      | 0       | message type              |
| FCHECK    | CHARACTER | 1      | 0       | flag check                |
| METHOD    | CHARACTER | 10     | 0       | method                    |
| CAUSE     | VARCHAR   | 512    | 0       | cause                     |
| SOLUTION  | VARCHAR   | 512    | 0       | solution                  |
| RESULT    | VARCHAR   | 512    | 0       | result                    |

## HSURDMF

The HSURDMF table is used for the messages list and is populated during Data Express setup. The following table describes the columns in the HSURDMF table:

| Column | Type      | Length | Decimal | Domain                    |
|--------|-----------|--------|---------|---------------------------|
| MSGID  | CHARACTER | 7      | 0       | message identifier        |
| MSG    | CHARACTER | 132    | 0       | first-level message text  |
| SEV    | CHARACTER | 2      | 0       | severity code             |
| FLCHG  | CHARACTER | 1      | 0       | flag changed              |
| LSTUSR | CHARACTER | 10     | 0       | user                      |
| SECLVL | VARCHAR   | 3000   | 0       | second-level message text |

## HSURDMFD

The HSURDMFD table is used for the messages parameter list and is populated during Data Express setup. The following table describes the columns in the HSURDMFD table:

| Column  | Type      | Length | Decimal | Domain                  |
|---------|-----------|--------|---------|-------------------------|
| MSGID   | CHARACTER | 7      | 0       | message identifier      |
| PRGDTL  | DECIMAL   | 5      | 0       | progressive detail      |
| FMTTYPE | CHARACTER | 8      | 0       | format data type        |
| FMTLEN  | DECIMAL   | 5      | 0       | format length           |
| FMTDEC  | DECIMAL   | 2      | 0       | format decimal position |

## HSURDMID

The HSURDMID table is used for the machine identifiers list and is populated during the *Work with Machine Identifier* phase. The following table describes the columns in the HSURDMID table:

| Column    | Type      | Length | Decimal | Domain             |
|-----------|-----------|--------|---------|--------------------|
| MACHINEID | CHARACTER | 10     | 0       | machine identifier |
| DESMID    | CHARACTER | 50     | 0       | description        |
| MODEL     | CHARACTER | 10     | 0       | model              |
| PROC      | CHARACTER | 3      | 0       | processor          |
| DATEINS   | CHARACTER | 8      | 0       | insert date        |
| TIMEINS   | CHARACTER | 8      | 0       | insert time        |

## HSURDNCC

The HSURDNCC table is used for the field class naming convention and is populated during the *Work with Field Class* phase. The following table describes the columns in the HSURDNCC table:

| Column  | Type      | Length | Decimal | Domain               |
|---------|-----------|--------|---------|----------------------|
| CLATYPE | BINARY    | 3      | 0       | class Identifier     |
| PROG    | BINARY    | 3      | 0       | progressive number   |
| INCFLAG | CHARACTER | 1      | 0       | include/exclude flag |
| VALUE   | CHARACTER | 32     | 0       | string value         |

## HSURDPID

The `HSURDPID` table is used for the process identifiers list and is populated during the *Work with Process Identifier* phase. The following table describes the columns in the `HSURDPID` table:

| Column    | Type      | Length | Decimal | Domain                 |
|-----------|-----------|--------|---------|------------------------|
| PROCID    | BINARY    | 5      | 0       | process ID             |
| ACCESS    | CHARACTER | 1      | 0       | access type            |
| RECFMT    | CHARACTER | 2      | 0       | record format          |
| RECLEN    | BINARY    | 5      | 0       | record length          |
| TRKPOS    | BINARY    | 5      | 0       | TRK position           |
| TRKLEN    | BINARY    | 5      | 0       | TRK length             |
| PROCDES   | CHARACTER | 30     | 0       | process ID description |
| IOPGMNAME | CHARACTER | 8      | 0       | related I/O routine    |
| DATPOS    | BINARY    | 5      | 0       | data position          |
| DATLENTYP | CHARACTER | 1      | 0       | Data length type       |
| DATLENPOS | BINARY    | 5      | 0       | data length position   |
| DATLENLEN | BINARY    | 5      | 0       | data length            |

## HSURDPRG

The `HSURDPRG` table is used for ISPF panel progressives and is populated during all ISPF functions.

| Column | Type    | Length | Decimal | Domain                  |
|--------|---------|--------|---------|-------------------------|
| TABPRG | DECIMAL | 6      | 0       | ISPF tables progressive |

## HSURDPRO

The `HSURDPRO` table is used for enabling information and is populated during the *Product Enabling* phase. The following table describes the columns in the `HSURDPRO` table:

| Column | Type      | Length | Decimal | Domain   |
|--------|-----------|--------|---------|----------|
| FIELD1 | CHARACTER | 24     | 0       | reserved |
| FIELD2 | CHARACTER | 96     | 0       | reserved |

## HSURDROU

The HSURDROU table is used for storing routines documentation information, and is populated during the *Work with Routines* phase. The following table describes the columns in the HSURDROU table:

| Column   | Type      | Length | Decimal | Domain                |
|----------|-----------|--------|---------|-----------------------|
| ROUTNAME | CHARACTER | 8      | 0       | routine name          |
| DESROUT  | CHARACTER | 50     | 0       | routine description   |
| DATEINS  | CHARACTER | 8      | 0       | routine creation date |
| TIMEINS  | CHARACTER | 8      | 0       | routine creation time |
| ROUTYPE  | CHARACTER | 1      | 0       | routine type          |

## HSURDSYC

The HSURDSYC table is used for SYSTABLESPACE views. The following table describes the columns in the HSURDSYC table:

| Column    | Type      | Length | Decima<br>l | Domain   |
|-----------|-----------|--------|-------------|--|
| DBNAME    | CHAR      | 24     | 0           | Name of the database   |
| TSNAME    | CHAR      | 24     | 0           | Name of the target table space or index space  |
| DSNUM     | INTEGER   | 4      | 0           | Data set number within the table space   |
| ICTYPE    | CHAR      | 1      | 0           | Type of operation  |
| ICDATE    | CHAR      | 6      | 0           |  |
| START_RBA | CHAR      | 6      | 0           | A 48-bit positive integer that contains the LRSN of a point in the DB2 recovery log  |
| FILESEQNO | INTEGER   | 4      | 0           | Tape file sequence number of the copy  |
| DEVTYPE   | CHAR      | 8      | 0           | Tape file sequence number of the copy  |
| IBMREQD   | CHAR      | 1      | 0           |  |
| DSNAME    | CHAR      | 44     | 0           | Contains the data set name. Otherwise, DSNAME contains the name of the database and table space or index space in the form |
| ICTIME    | CHAR      | 6      | 0           |  |
| SHRLEVEL  | CHAR      | 1      | 0           | SHRLEVEL parameter on COPY   |
| DSVOLSER  | VARCHAR   | 1784   | 0           | The volume serial numbers of the data set  |
| TIMESTAMP | TIMESTAMP | 26     | 0           | The date and time when the row was inserted  |
| ICBACKUP  | CHAR      | 2      | 0           | Specifies the type of image copy contained in the data set   |
| ICUNIT    | CHAR      | 8      | 0           | Indicates the media that the image copy data set is stored on  |
| STYPE     | CHAR      | 1      | 0           |  |
| PIT_RBA   | CHAR      | 6      | 0           |  |

| Column       | Type    | Length | Decima<br>l | Domain  |
|--------------|---------|--------|-------------|---|
| GROUP_MEMBER | CHAR    | 8      | 0           | The DB2 data sharing member name of the DB2 subsystem that performed the operation  |
| OTYPE        | CHAR    | 1      | 0           | Type of object that the recovery information is for   |
| LOWDSNUM     | INTEGER | 4      | 0           | Partition number of the lowest partition in the range for SYSCOPY records created for REORG and LOAD REPLACE for resetting a REORG pending status                           |
| HIGHDSNUM    | INTEGER | 4      | 0           | Partition number of the highest partition in the range. This column is valid only for SYSCOPY records created for REORG and LOAD REPLACE for resetting REORG pending status |

## HSURDSYT

The HSURDSYT table is used for *SYSTABLES* views. The following table describes the columns in the HSURDSYT table:

| Column    | Type      | Length | Decimal | Domain               |
|-----------|-----------|--------|---------|----------------------|
| NAME      | VARCHAR   | 128    | 0       | Name of the table    |
| CREATOR   | VARCHAR   | 128    | 0       | Owner of the table   |
| TYPE      | CHAR      | 1      | 0       | Type of object       |
| COLCOUNT  | SMALLINT  | 4      | 0       | Number of columns    |
| RECLENGTH | SMALLINT  | 4      | 0       | Record length        |
| LABEL     | VARCHAR   | 90     | 0       | Label of the table   |
| CREATEDTS | TIMESTAMP | 26     | 0       | Time creation table  |
| ALTEREDTS | TIMESTAMP | 26     | 0       | Time last alteration |
| TSNAME    | CHAR      | 24     | 0       | Table space name     |
| DBNAME    | CHAR      | 24     | 0       | Data base name       |
| OBID      | SMALLINT  | 4      | 0       | OBID                 |

## HSURDUE

The HSURDUE table is used for user exits and is intended for future use. The following table describes the columns in the HSURDUE table:

| Column   | Type     | Length | Decimal | Domain          |
|----------|----------|--------|---------|-----------------|
| USEREXIT | CHAR     | 10     | 0       | user exit       |
| PROGR    | SMALLINT | 2      | 0       | progressive     |
| PARMNAME | CHAR     | 10     | 0       | parameter name  |
| PARMVAL  | CHAR     | 80     | 0       | parameter value |

## HSURDUEV

The HSURDUEV table is used for user exit additional fields and is intended for future use. The following table describes the columns in the HSURDUEV table:

| Column   | Type     | Length | Decimal | Domain                |
|----------|----------|--------|---------|-----------------------|
| MCRECID  | SMALLINT | 2      | 0       | machine/company ID    |
| FILRECID | INTEGER  | 4      | 0       | file ID               |
| FLDRECID | INTEGER  | 4      | 0       | field ID              |
| CLASS    | SMALLINT | 2      | 0       | class                 |
| USEREXIT | CHAR     | 10     | 0       | user exit             |
| PROGR    | SMALLINT | 2      | 0       | parameter progressive |
| FLDADD   | INTEGER  | 4      | 0       | additional field ID   |
| CLAADD   | SMALLINT | 2      | 0       | additional class      |
| CONST    | VARCHAR  | 256    | 0       | constant              |

## HSURDUSR

The HSURDUSR table is used for storing user profiling information, and is populated during the *User Credentials* phase:

| Column       | Type      | Length | Decimal | Domain           |
|--------------|-----------|--------|---------|------------------|
| AUTHUSER     | CHARACTER | 128    | 0       | user name        |
| AUTHPASSWORD | CHARACTER | 128    | 0       | user password    |
| DBUSER       | CHARACTER | 128    | 0       | DB user name     |
| DBPASSWORD   | CHARACTER | 128    | 0       | DB user password |

## MSURDLOG

The MSURDLOG table is currently unused, but is present to maintain compatibility with versions of Data Express earlier than version 4.0 Update 24. The following table describes the columns in the MSURDLOG table:

| Column    | Type      | Length | Decimal | Domain             |
|-----------|-----------|--------|---------|--------------------|
| MACHINEID | CHARACTER | 10     | 0       | Machine ID         |
| CDSOC     | CHARACTER | 10     | 0       | Company            |
| PGM       | CHARACTER | 10     | 0       | Program Name       |
| PROGR     | CHARACTER | 2      | 0       | Progressive Number |
| TPERR     | CHARACTER | 1      | 0       | Error Type         |
| TYPE      | CHARACTER | 3      | 0       | Source Type        |
| CPYLIB    | CHARACTER | 44     | 0       | Copy Library       |
| CPYNAME   | CHARACTER | 10     | 0       | Copy Name          |



| Column   | Type      | Length | Decimal | Domain                    |
|----------|-----------|--------|---------|---------------------------|
| FILLIB   | CHARACTER | 44     | 0       | File Library              |
| FILTYPE  | CHARACTER | 4      | 0       | File Type                 |
| FILNAME  | CHARACTER | 44     | 0       | File Name                 |
| FILVER   | CHARACTER | 3      | 0       | File Version              |
| RECFMT   | CHARACTER | 10     | 0       | Format of Record          |
| RIGA     | CHARACTER | 5      | 0       | Row Number                |
| OBJ      | CHARACTER | 10     | 0       | Object Name               |
| TPOBJ    | CHARACTER | 3      | 0       | Object Type               |
| OPER     | CHARACTER | 8      | 0       | Operation                 |
| RC       | CHARACTER | 2      | 0       | Return Code               |
| MSGID    | CHARACTER | 7      | 0       | Message Id                |
| PARM     | CHARACTER | 128    | 0       | Message Data Field Values |
| DATE     | CHARACTER | 6      | 0       | Date                      |
| TIME     | CHARACTER | 8      | 0       | Time                      |
| DESCR    | CHARACTER | 132    | 0       | Description               |
| FLGPHASE | CHARACTER | 1      | 0       | Phase Flag                |

## USDCHADD

The USDCHADD table is used for addresses and is populated during Data Express setup. The following table describes the columns in the USDCHADD table:

| Column  | Type      | Length | Decimal | Domain              |
|---------|-----------|--------|---------|---------------------|
| PRGADDR | BINARY    | 4      | 0       | address progressive |
| ADDRESS | CHARACTER | 50     | 0       | address             |

## USDCHCOM

The USDCHCOM table is used for company titles and is populated during Data Express setup. The following table describes the columns in the USDCHCOM table:

| Column  | Type      | Length | Decimal | Domain                  |
|---------|-----------|--------|---------|-------------------------|
| PRGCOMR | BINARY    | 4      | 0       | compy title progressive |
| COMPANY | CHARACTER | 50     | 0       | company title           |

## USDHEMA

The USDHEMA table is used for email addresses and is populated during Data Express setup. The following table describes the columns in the USDHEMA table:

| Column  | Type   | Length | Decimal | Domain                    |
|---------|--------|--------|---------|---------------------------|
| PRGADDR | BINARY | 4      | 0       | progressive email address |

| Column   | Type      | Length | Decimal | Domain        |
|----------|-----------|--------|---------|---------------|
| EMAILADD | CHARACTER | 50     | 0       | email address |

## USDCHNAC

The USDCHNAC table is used for email addresses and is populated during Data Express setup. The following table describes the columns in the USDCHNAC table:

| Column   | Type      | Length | Decimal | Domain                  |
|----------|-----------|--------|---------|-------------------------|
| PRGNAME  | BINARY    | 4      | 0       | progressive name        |
| PRGNAME2 | BINARY    | 4      | 0       | second progressive name |
| SEX      | CHARACTER | 1      | 0       | gender flag             |
| NAME     | CHARACTER | 50     | 0       | name                    |

## USDCHNAM

The USDCHNAM table is used for names and is populated during Data Express setup. The following table describes the columns in the USDCHNAM table:

| Column  | Type      | Length | Decimal | Domain           |
|---------|-----------|--------|---------|------------------|
| PRGNAME | BINARY    | 4      | 0       | progressive name |
| NAME    | CHARACTER | 50     | 0       | name             |

## USDCHSUC

The USDCHSUC table is used for email addresses and is populated during Data Express setup. The following table describes the columns in the USDCHSUC table:

| Column   | Type      | Length | Decimal | Domain                     |
|----------|-----------|--------|---------|----------------------------|
| PRGSURN  | BINARY    | 4      | 0       | progressive surname        |
| PRGNAME2 | BINARY    | 4      | 0       | second progressive surname |
| SURNAME  | CHARACTER | 50     | 0       | name                       |

## USDCHSUR

The USDCHSUR table is used for surnames and is populated during Data Express setup. The following table describes the columns in the USDCHSUR table:

| Column  | Type      | Length | Decimal | Domain              |
|---------|-----------|--------|---------|---------------------|
| PRGSURN | BINARY    | 4      | 0       | surname progressive |
| SURNAME | CHARACTER | 50     | 0       | surname             |

## USURDCBE

The USURDCBE table is used for advanced features of the linked field lists and is populated during the *Defined Combined Fields* phase:

| Column     | Type      | Length | Decimal | Domain                     |
|------------|-----------|--------|---------|----------------------------|
| MCRECID    | BINARY    | 4      | 0       | machine/company ID         |
| FILRECID   | BINARY    | 9      | 0       | file ID                    |
| CODCBZ     | BINARY    | 9      | 0       | conditional fields group   |
| PRGCBZ     | BINARY    | 9      | 0       | progressive fields group   |
| FLDRECID   | CHARACTER | 1      | 0       | field ID                   |
| EXTTYPE    | BINARY    | 9      | 0       | extended value type        |
| EXTPRG     | BINARY    | 9      | 0       | extended value progressive |
| EXTPOS     | BINARY    | 9      | 0       | position for substring     |
| EXTLEN     | CHARACTER | 100    | 0       | length for substring       |
| EXTVAL     | CHARACTER | 1      | 0       | prefix and suffix value    |
| EXTHEX     | CHARACTER | 8      | 0       | hexadecimal value          |
| EXTROUTINE | BINARY    | 9      | 0       | routine name               |

## USURDCBZ

The USURDCBZ table is used for the linked fields list and is populated during the *Defined Combined Fields* phase. The following table describes the columns in the USURDCBZ table:

| Column   | Type      | Length | Decimal | Domain                   |
|----------|-----------|--------|---------|--------------------------|
| MCRECID  | BINARY    | 4      | 0       | machine/company ID       |
| FILRECID | BINARY    | 9      | 0       | field ID                 |
| CODCBZ   | BINARY    | 5      | 0       | cod. fields group        |
| PRGCBZ   | BINARY    | 5      | 0       | progressive fields group |
| CBZTXT   | CHARACTER | 50     | 0       | fields group text        |
| FLDRECID | BINARY    | 9      | 0       | field ID                 |
| CTRLTAB  | CHARACTER | 18     | 0       | control table            |
| CTRLPGM  | CHARACTER | 10     | 0       | control program          |
| EDTSIG   | CHARACTER | 1      | 0       | flag sign on string      |
| EDTDEC   | CHARACTER | 1      | 0       | flag decimal on string   |

## USURDDBM

The USURDDBM table is used for Oracle database mappings and is populated during the *Oracle Catalog Mapping* phase. The following table describes the columns in the USURDDBM table:

| Column   | Type    | Length | Decimal | Domain               |
|----------|---------|--------|---------|----------------------|
| DBMID    | INTEGER | 4      | 0       | mapping ID           |
| SRCDBNAM | CHAR    | 128    | 0       | source database name |
| SRCSCHEM | CHAR    | 128    | 0       | source schema        |
| SRCUSR   | CHAR    | 128    | 0       | source user          |

| Column    | Type      | Length | Decimal | Domain               |
|-----------|-----------|--------|---------|----------------------|
| SRCPWD    | CHAR      | 128    | 0       | source password      |
| TRGDBNAM  | CHAR      | 128    | 0       | target database name |
| TRGSCHM   | CHAR      | 128    | 0       | target schema        |
| TRGUSR    | CHAR      | 128    | 0       | target user          |
| TRGPWD    | CHAR      | 128    | 0       | target password      |
| FL01      | CHAR      | 1      | 0       | flag 1               |
| FL02      | CHAR      | 1      | 0       | flag 2               |
| FL03      | CHAR      | 1      | 0       | flag 3               |
| FL04      | CHAR      | 1      | 0       | flag 4               |
| MCRECID   | BINARY    | 4      | 0       | machine/company ID   |
| GROUPNAME | CHARACTER | 10     | 0       | group name           |
| METHOD    | CHARACTER | 10     | 0       | method name          |

## USURDFLC

The USURDFLC table is used for user field information and is populated during the *Analyze Copybook* phase. The following table describes the columns in the USURDFLC table:

| Column     | Type      | Length | Decimal | Domain                     |
|------------|-----------|--------|---------|----------------------------|
| MCRECID    | BINARY    | 4      | 0       | machine/company ID         |
| CPYLIB     | CHARACTER | 44     | 0       | copybook library           |
| CPYNAME    | CHARACTER | 10     | 0       | copybook name              |
| TRK        | CHARACTER | 3      | 0       | record type                |
| IOAREANAME | CHARACTER | 30     | 0       | I/O area name              |
| IOAREAPRG  | BINARY    | 3      | 0       | I/O area progressive       |
| IOAREASCP  | BINARY    | 3      | 0       | I/O area Scope             |
| IOAREANBR  | BINARY    | 5      | 0       | I/O area number            |
| FLDNBR     | BINARY    | 5      | 0       | field number               |
| FLDNAME    | CHARACTER | 128    | 0       | field name                 |
| FLDSCP     | BINARY    | 3      | 0       | field scope                |
| FLDDISPL   | BINARY    | 5      | 0       | field displacement         |
| STATUS     | CHARACTER | 3      | 0       | information provider       |
| LGLREDEF   | CHARACTER | 1      | 0       | REDEFINES association type |
| LGLASSOC   | BINARY    | 5      | 0       | associated field number    |

## USURDIMP

The USURDIMP table is used for the VSAM import list and is populated during the *Analyze Sources* phase. The following table describes the columns in the USURDIMP table:

| Column    | Type      | Length | Decimal | Domain                    |
|-----------|-----------|--------|---------|---------------------------|
| MACHINEID | CHARACTER | 10     | 0       | machine ID                |
| CDSOC     | CHARACTER | 10     | 0       | company code              |
| MCRECID   | BINARY    | 04     | 0       | machine/company ID        |
| TYPE      | CHARACTER | 04     | 0       | file type                 |
| DBDNAME   | CHARACTER | 08     | 0       | DBD name                  |
| FILENAME  | CHARACTER | 54     | 0       | file name                 |
| APPLID    | CHARACTER | 10     | 0       | application ID            |
| FILEUNLO  | CHARACTER | 50     | 0       | unload file name          |
| FMTSEL    | CHARACTER | 10     | 0       | format selector           |
| NICKNAME  | CHARACTER | 10     | 0       | nickname                  |
| FLFUNC    | CHARACTER | 01     | 0       | function flag             |
| NUMREC    | BINARY    | 09     | 0       | number of records         |
| RECLEN    | BINARY    | 09     | 0       | length of records         |
| SRCMCRID  | BINARY    | 04     | 0       | source machine/company ID |
| PDSNAME   | CHARACTER | 044    | 0       | PDS name                  |
| SRCNAME   | CHARACTER | 010    |         | source name               |

## USURDRIR

The USURDRIR table is used for referential Integrity process. The following table describes the columns in the USURDRIR table:

| Column   | Type      | Length | Decimal | Domain                        |
|----------|-----------|--------|---------|-------------------------------|
| MCRECID  | BINARY    | 4      | 0       | machine/company ID            |
| DBNAME   | CHARACTER | 128    | 0       | Database Name                 |
| PSNAME   | CHARACTER | 128    | 0       | Primary Key Schema Name       |
| PTNAME   | CHARACTER | 128    | 0       | Primary Key Table Name        |
| PKNAME   | CHARACTER | 128    | 0       | Primary Key Name              |
| PKCOLNAM | CHARACTER | 128    | 0       | Field included in Primary Key |
| KCOLSEQ  | BINARY    | 4      | 0       | Field sequence in Primary Key |
| KUPRULE  | BINARY    | 4      | 0       | Primary Key Update Rule       |
| KDELRULE | BINARY    | 4      | 0       | Primary Key Delete Rule       |
| FSNAME   | CHARACTER | 128    | 0       | Foreign Key Schema Name       |

| Column   | Type      | Length | Decimal | Domain                        |
|----------|-----------|--------|---------|-------------------------------|
| FTNAME   | CHARACTER | 128    | 0       | Foreign Key Table Name        |
| FKNAME   | CHARACTER | 128    | 0       | Foreign Key Name              |
| FKCOLNAM | CHARACTER | 128    | 0       | Field Included In Foreign Key |

## HSURDWES

The HSURDWES table is an interface table for invoking Data Express routines via Web Services.

| Column      | Type      | Length | Decimal | Domain            |
|-------------|-----------|--------|---------|-------------------|
| CLADESC     | CHARACTER | 20     | 0       | Class Description |
| MASKROUTINE | CHARACTER | 8      | 0       | Masking Routine   |
| MASKFLAG    | CHARACTER | 1      | 0       | Masking Flag      |
| TARNROUTINE | CHARACTER | 8      | 0       | Masking Routine   |
| TARNFLAG    | CHARACTER | 1      | 0       | Masking Flag      |
| REVDROUTINE | CHARACTER | 8      | 0       | Masking Routine   |
| REVFLAG     | CHARACTER | 1      | 0       | Reverse Flag      |

## V1DCHFIL

The V1DCHFIL table is used for *HSDCHFIL* and *HSURDFIL* views. The following table describes the columns in the V1CHFIL table:

| Column   | Type      | Length | Decimal | Domain                  |
|----------|-----------|--------|---------|-------------------------|
| MCRECID  | BINARY    | 4      | 0       | machine/company ID      |
| FILLIB   | CHARACTER | 128    | 0       | file library            |
| FILTYPE  | CHARACTER | 4      | 0       | file type               |
| TYPNAME  | CHARACTER | 128    | 0       | ODBC Database Type Name |
| FILNAME  | CHARACTER | 128    | 0       | file name               |
| FILVER   | BINARY    | 3      | 0       | file version            |
| RECFMT   | CHARACTER | 10     | 0       | format of record        |
| FILRECID | BINARY    | 9      | 0       | file ID                 |
| TSNAME   | CHARACTER | 24     | 0       | tablespace name         |
| DBNAME   | CHARACTER | 24     | 0       | database name           |
| OBID     | BINARY    | 4      | 0       | OBID                    |
| APPLID   | CHARACTER | 10     | 0       | application ID          |
| FILTXT   | CHARACTER | 50     | 0       | text                    |
| FREQLOG  | CHARACTER | 1      | 0       | logging frequency       |
| FREQSPE  | CHARACTER | 1      | 0       | sampling frequency      |

| Column     | Type      | Length | Decimal | Domain                       |
|------------|-----------|--------|---------|------------------------------|
| FREQCORR   | CHARACTER | 1      | 0       | data corruption frequency    |
| NUMREC     | BINARY    | 9      | 0       | number of records            |
| PROCID     | CHARACTER | 5      | 0       | process ID                   |
| UNLFILTYP  | CHARACTER | 4      | 0       | unload file type             |
| UNLFILNAM  | CHARACTER | 44     | 0       | unload file name             |
| UNLFILVER  | BINARY    | 3      | 0       | unload file version          |
| RECLLEN    | BINARY    | 5      | 0       | length of record             |
| FMTSEL     | CHARACTER | 8      | 0       | format selector              |
| DATEANA    | CHARACTER | 8      | 0       | date of analysis             |
| DATECAL    | CHARACTER | 8      | 0       | date of last calculation     |
| DATELOG    | CHARACTER | 8      | 0       | date of last log             |
| DATESPE    | CHARACTER | 8      | 0       | date of last spectrum        |
| DATECORR   | CHARACTER | 8      | 0       | date of last data corruption |
| MBFTYP     | CHARACTER | 1      | 0       | type of file                 |
| ANALYSIS   | CHARACTER | 1      | 0       | analysis state               |
| RECANAL    | BINARY    | 9      | 0       | number of record analyzed    |
| CPYLIB     | CHARACTER | 44     | 0       | associated Copybook PDS      |
| CPYNAME    | CHARACTER | 10     | 0       | associated Copybook name     |
| IOAREANAME | CHARACTER | 30     | 0       | I/O area name                |
| IOAREAPRG  | BINARY    | 3      | 0       | I/O area progressive         |
| INFOPROV   | CHARACTER | 3      | 0       | information provider         |
| FILNICK    | CHARACTER | 10     | 0       | nickname of file             |
| LOGMON     | CHARACTER | 1      | 0       | Logging enabled              |
| DCMON      | CHARACTER | 1      | 0       | data corruption enabled      |
| LOGALARM   | CHARACTER | 1      | 0       | logging alarm                |
| DCALARM    | CHARACTER | 1      | 0       | data corruption alarm        |
| FLANAG     | CHARACTER | 1      | 0       | is demographic               |
| COENAB     | CHARACTER | 1      | 0       | data consistency             |
| DATECO     | CHARACTER | 8      | 0       | consistency date             |
| FANAGPRO   | CHARACTER | 3      | 0       | demographic provider         |
| FILCAT     | CHARACTER | 10     | 0       | file category                |
| FLAG01     | CHARACTER | 1      | 0       | FB or VB flag                |
| FLAG02     | CHARACTER | 1      | 0       | currently unused             |
| FLAG03     | CHARACTER | 1      | 0       | currently unused             |
| FLAG04     | CHARACTER | 1      | 0       | currently unused             |
| FLAG05     | CHARACTER | 1      | 0       | currently unused             |

| Column    | Type      | Length | Decimal | Domain                     |
|-----------|-----------|--------|---------|----------------------------|
| PROCIDINP | CHARACTER | 5      | 0       | process ID for input file  |
| UNLINPTYP | CHARACTER | 4      | 0       | unload input file type     |
| UNLINPNAM | CHARACTER | 44     | 0       | unload input file name     |
| UNLINPVER | BINARY    | 3      | 0       | unload input file version  |
| FMTSEL1   | CHARACTER | 8      | 0       | format selector            |
| SLTPGM    | CHARACTER | 8      | 0       | select program             |
| UNLOUTTYP | CHARACTER | 4      | 0       | unload output file type    |
| UNLOUTNAM | CHARACTER | 44     | 0       | unload output file name    |
| UNLOUTVER | BINARY    | 3      | 0       | unload output file version |
| WRTPGM    | CHARACTER | 8      | 0       | write program for output   |
| METHOD    | CHARACTER | 10     | 0       | Method                     |

## V1DCHFLF

The V1DCHFLF table is used for *ANURDFLF* and *ANDCHFLF* views. The following table describes the columns in the V1DCHFLF table:

| Column    | Type      | Length | Decimal | Domain   |
|-----------|-----------|--------|---------|--|
| MCRECID   | BINARY    | 4      | 0       | machine/company ID   |
| FILRECID  | BINARY    | 9      | 0       | file ID  |
| FLDRECID  | BINARY    | 9      | 0       | field ID   |
| FLDDISPL  | BINARY    | 5      | 0       | field displacement   |
| FLDNAME   | CHARACTER | 128    | 0       | field name   |
| FLDLEN    | BINARY    | 5      | 0       | field length   |
| FLDINT    | BINARY    | 3      | 0       | field integer  |
| FLDDEC    | BINARY    | 3      | 0       | field decimal  |
| FLDSIGN   | CHARACTER | 1      | 0       | field sign   |
| FLDTYPE   | CHARACTER | 1      | 0       | field type: <ul style="list-style-type: none"> <li>• F = floating-point field</li> <li>• 1 = bit field</li> <li>• B = binary field</li> <li>• N = decimal field</li> <li>• P = packed-decimal field</li> <li>• A = alphanumeric field</li> <li>• E = edited field</li> </ul> |
| TYPNAME   | CHARACTER | 128    | 0       | ODBC Data Type Name  |
| TYPNUM    | DECIMAL   | 5      | 0       | ODBC Data Type Number  |
| FLDNAT    | CHARACTER | 1      | 0       | field nature   |
| FLJUSTIFY | CHARACTER | 1      | 0       | justify flag   |



| Column    | Type      | Length | Decimal | Domain                     |
|-----------|-----------|--------|---------|----------------------------|
| CLATYPE   | BINARY    | 3      | 0       | field class                |
| INFOPROV  | CHARACTER | 3      | 0       | information origin         |
| MINVAL    | CHARACTER | 33     | 0       | minimum value              |
| MAXVAL    | CHARACTER | 33     | 0       | maximum value              |
| AVGVAL    | DECIMAL   | 18     | 0       | average value              |
| SPEDIFVAL | BINARY    | 5      | 0       | number of different values |
| USERPGM   | CHARACTER | 10     | 0       | user program               |
| HASSPE    | CHARACTER | 1      | 0       | spectrum presence flag     |
| FLSPE     | CHARACTER | 1      | 0       | spectrum calculation flag  |
| LOGMON    | CHARACTER | 1      | 0       | logging enabled            |
| DCMON     | CHARACTER | 1      | 0       | data corruption enabled    |
| LOGALARM  | CHARACTER | 1      | 0       | logging alarm              |
| DCALARM   | CHARACTER | 1      | 0       | data corruption alarm      |
| NULLCAP   | CHARACTER | 1      | 0       | null capable field         |
| VARLEN    | CHARACTER | 1      | 0       | field with variable length |
| ISANAG    | CHARACTER | 1      | 0       | demographic field          |
| ESTCARD   | BINARY    | 9      | 0       | estimated cardinality      |
| ESTCLA    | BINARY    | 3      | 0       | estimated class            |
| SAMPVAL   | CHARACTER | 33     | 0       | sample value               |
| SAMPNBR   | BINARY    | 9      | 0       | sample OCCURS              |
| FLDTXT    | CHARACTER | 50     | 0       | text                       |
| ISKEY     | CHARACTER | 1      | 0       | primary key                |
| FLCLAVAL  | CHARACTER | 1      | 0       | use class value            |
| ANAGPRO   | CHARACTER | 3      | 0       | demographic provider       |
| CHGFLG    | CHARACTER | 1      | 0       | Data Changer active        |
| CHGPGM    | CHARACTER | 8      | 0       | Data Changer program       |
| METHOD    | CHARACTER | 10     | 0       | Method                     |

## V1REP01

The V1REP01 table is used as a report that shows all classes defined and assigned to a data element. The following table describes the columns in the V1REP01 table:

| Column            | Type      | Length | Decimal | Domain            |
|-------------------|-----------|--------|---------|-------------------|
| CLASS_NUMBER      | BINARY    | 4      | 0       | Class, Number     |
| CLASS_CODE        | CHARACTER | 7      | 0       | Class Code        |
| CLASS_DESCRIPTION | CHARACTER | 30     | 0       | Class Description |

## V1REP02

The V1REP02 table is used as a report that shows all classes defined but not assigned to a data element. The following table describes the columns in the V1REP02 table:

| Column            | Type      | Length | Decimal | Domain            |
|-------------------|-----------|--------|---------|-------------------|
| CLASS_NUMBER      | BINARY    | 4      | 0       | Class Number      |
| CLASS_CODE        | CHARACTER | 7      | 0       | Class Code        |
| CLASS_DESCRIPTION | CHARACTER | 30     | 0       | Class Description |

## V1REP03

The V1REP03 table is used as a report that shows all tables included in a subsetting method. The following table describes the columns in the V1REP03 table:

| Column                  | Type      | Length | Decimal | Domain                  |
|-------------------------|-----------|--------|---------|-------------------------|
| MACHINE_ID              | CHARACTER | 10     | 0       | Machine ID              |
| COMPANY                 | CHARACTER | 10     | 0       | Company                 |
| APPLICATION_ID          | CHARACTER | 10     | 0       | Application Id          |
| FILE_TYPE               | CHARACTER | 4      | 0       | File Type               |
| FILE_OR_TABLE_QUALIFIER | CHARACTER | 128    | 0       | File Or Table Qualifier |
| FILE_OR_TABLE_NAME      | CHARACTER | 128    | 0       | File Or Table Name      |
| RECORD_FORMAT           | CHARACTER | 10     | 0       | Record_Format           |
| GDG_VERSION             | BINARY    | 4      | 0       | GDG Version             |

## V1REP04

The V1REP04 table is used as a report that shows all tables included in a subsetting method and where a masking rule is active. The following table describes the columns in the V1REP04 table:

| Column                  | Type      | Length | Decimal | Domain                  |
|-------------------------|-----------|--------|---------|-------------------------|
| MACHINE_ID              | CHARACTER | 10     | 0       | Machine ID              |
| COMPANY                 | CHARACTER | 10     | 0       | Company                 |
| APPLICATION_ID          | CHARACTER | 10     | 0       | Application ID          |
| FILE_TYPE               | CHARACTER | 4      | 0       | File Type               |
| FILE_OR_TABLE_QUALIFIER | CHARACTER | 128    | 0       | File or Table Qualifier |
| FILE_OR_TABLE_NAME      | CHARACTER | 128    | 0       | File or Table Name      |
| RECORD_FORMAT           | CHARACTER | 10     | 0       | Record Format           |
| GDG_VERSION             | BINARY    | 4      | 0       | GDG Version             |

## V1REP05

The V1REP05 table is used as a report that shows all tables that are masked but not included in a subsetting method. The following table describes the columns in the V1REP05 table:

| Column                  | Type      | Length | Decimal | Domain                  |
|-------------------------|-----------|--------|---------|-------------------------|
| MACHINE_ID              | CHARACTER | 10     | 0       | Machine ID              |
| COMPANY                 | CHARACTER | 10     | 0       | Company                 |
| APPLICATION_ID          | CHARACTER | 10     | 0       | Application ID          |
| FILE_TYPE               | CHARACTER | 4      | 0       | File Type               |
| FILE_OR_TABLE_QUALIFIER | CHARACTER | 128    | 0       | File or Table Qualifier |
| FILE_OR_TABLE_NAME      | CHARACTER | 128    | 0       | File or Table Name      |
| RECORD_FORMAT           | CHARACTER | 10     | 0       | Record Format           |
| GDG_VERSION             | BINARY    | 4      | 0       | GDG Version             |

## V1REP06

The V1REP06 table is used as a report that shows all table structures including classes and masking routines. The following table describes the columns in the V1REP06 table:

| Column                   | Type      | Length | Decimal | Domain                   |
|--------------------------|-----------|--------|---------|--------------------------|
| MACHINE_ID               | CHARACTER | 10     | 0       | Machine ID               |
| COMPANY                  | CHARACTER | 10     | 0       | Company                  |
| APPLICATION_ID           | CHARACTER | 10     | 0       | Application ID           |
| FILE_TYPE                | CHARACTER | 4      | 0       | File Type                |
| FILE_OR_TABLE_QUALIFIER  | CHARACTER | 128    | 0       | File or Table Qualifier  |
| FILE_OR_TABLE_NAME       | CHARACTER | 128    | 0       | File or Table Name       |
| RECORD_FORMAT            | CHARACTER | 10     | 0       | Record Format            |
| GDG_VERSION              | BINARY    | 4      | 0       | GDG Version              |
| COLUMN_PROGRESSIVE       | INTEGER   | 4      | 0       | Column Progressive       |
| COLUMN_NAME              | CHARACTER | 128    | 0       | Column Name              |
| COLUMN LENGHT            | BINARY    | 9      | 0       | Column Length            |
| COLUMN_INTEGER_POSITIONS | BINARY    | 4      | 0       | Column Integer Positions |
| COLUMN_DECIMAL_POSITIONS | BINARY    | 4      | 0       | Column Decimal Positions |
| COLUMN_SIGN              | CHARACTER | 1      | 0       | Column Sign              |
| COLUMN_TYPE              | CHARACTER | 1      | 0       | Column Type              |
| COLUMN_NULL_CAPABLE      | CHARACTER | 1      | 0       | Column Null Capable      |
| COLUMN_VARCHAR           | CHARACTER | 1      | 0       | Column Varchar           |
| CLASS_DESCRIPTION        | VARCHAR   | 30     | 0       | Class Description        |
| ROUTINE_NAME             | VARCHAR   | 8      | 0       | Routine Name             |

## V1REP07

The V1REP07 table is used as a report that shows subsetting logic for all tables. The following table describes the columns in the V1REP07 table:

| Column                  | Type      | Length | Decimal | Domain                      |
|-------------------------|-----------|--------|---------|-----------------------------|
| METHOD                  | CHARACTER | 10     | 0       | Method                      |
| STEP                    | BINARY    | 4      | 0       | Step                        |
| MACHINE_ID              | CHARACTER | 10     | 0       | Machine ID                  |
| COMPANY                 | CHARACTER | 10     | 0       | Company                     |
| APPLICATION_ID          | CHARACTER | 10     | 0       | Application ID              |
| FILE_TYPE               | CHARACTER | 4      | 0       | File Type                   |
| FILE_OR_TABLE_QUALIFIER | CHARACTER | 128    | 0       | File Or Table Qualifier     |
| FILE_OR_TABLE_NAME      | CHARACTER | 128    | 0       | File Or Table Name          |
| RECORD_FORMAT           | CHAR      | 10     | 0       | Record Format               |
| GDG_VERSION             | BINARY    | 4      | 0       | GDG Version                 |
| FILTER_TYPE             | VARCHAR   | 1      | 0       | Filter Type <sup>1</sup>    |
| FILTER_SUBTYPE          | BINARY    | 9      | 0       | Filter Subtype <sup>2</sup> |

<sup>1</sup> Filter type values can be:

|   |   |
|---|---|
| 0 | No filter                                   |
| 1 | Predefined individual filter                |
| 2 | Exit routine                                |
| 3 | Filtered list                               |
| 4 | Filtered list + exit routine                |
| 5 | Predefined individual filter + exit routine |

<sup>2</sup> Filter subtype values can be:

|   |                |
|---|----------------|
| 0 | N/A            |
| 1 | Range          |
| 2 | List of values |

## V1REP08

The V1REP08 table is used as a report that shows subsetting logic for all tables. The following table describes the columns in the V1REP08 table:

| Column            | Type | Length | Decimal | Domain            |
|-------------------|------|--------|---------|-------------------|
| METHOD            | CHAR | 10     | 0       | Method            |
| MACHINE_ID        | CHAR | 10     | 0       | Machine ID        |
| COMPANY           | CHAR | 10     | 0       | Company           |
| CLASS_DESCRIPTION | CHAR | 30     | 0       | Class Description |
| ROUTINE_NAME      | CHAR | 8      | 0       | Routine Name      |

## V1REP09

The V1REP09 table is used as a report that shows all tables with their method and step. The following table describes the columns in the V1REP09 table:

| Column                  | Type          | Length | Decimal | Domain                  |
|-------------------------|---------------|--------|---------|-------------------------|
| METHOD                  | CHAR          | 10     | 0       | Method                  |
| STEP                    | BINARY        | 4      | 0       | Step                    |
| MACHINE_ID              | CHAR          | 10     | 0       | Machine ID              |
| COMPANY                 | CHAR          | 10     | 0       | Company                 |
| APPLICATION_ID          | CHAR          | 10     | 0       | Application ID          |
| FILE_TYPE               | CHAR          | 4      | 0       | File Type               |
| FILE_OR_TABLE_QUALIFIER | CHAR          | 128    | 0       | File or Table Qualifier |
| FILE_OR_TABLE_NAME      | CHAR          | 128    | 0       | File or Table Name      |
| RECORD_FORMAT           | CHAR          | 10     | 0       | Record Format           |
| GDG_VERSION             | BINARY        | 4      | 0       | GDG Version             |
| OUTPUT_DATA_SET_TYPE    | CHARAC<br>TER | 4      | 0       | Output Data Set Type    |
| OUTPUT_DATA_SET_NAME    | CHARAC<br>TER | 128    | 0       | Output Data Set Name    |
| OUTPUT_DATA_SET_VERSION | BINARY        | 4      | 0       | Output Data Set Version |

## V1REP10

The V1REP10 table is used as a report that shows all logical relationships between tables, used in subsetting. The following table describes the columns in the V1REP10 table:

| Column                    | Type      | Length | Decimal | Domain                         |
|---------------------------|-----------|--------|---------|--------------------------------|
| METHOD                    | CHAR      | 10     | 0       | Method                         |
| MACHINE_ID                | CHAR      | 10     | 0       | Machine ID                     |
| COMPANY                   | CHAR      | 10     | 0       | Company                        |
| CLASS_DESCRIPTION         | CHAR      | 30     | 0       | Class Description              |
| APPLICATION_ID_O          | CHAR      | 10     | 0       | Application ID Output          |
| FILE_TYPE_O               | CHAR      | 4      | 0       | File Type Output               |
| FILE_OR_TABLE_QUALIFIER_O | CHAR      | 128    | 0       | File or Table Qualifier Output |
| FILE_OR_TABLE_NAME_O      | CHAR      | 128    | 0       | File or Table Name Output      |
| RECORD_FORMAT_O           | CHAR      | 10     | 0       | Record Format Output           |
| GDG_VERSION_O             | BINARY    | 4      | 0       | GDG Version Output             |
| COLUMN_NAME_O             | CHAR      | 128    | 0       | Column Name Output             |
| APPLICATION_ID_I          | CHAR      | 10     | 0       | Application ID Input           |
| FILE_TYPE_I               | CHARACTER | 4      | 0       | File Type, Input               |

| Column                    | Type      | Length | Decimal | Domain                        |
|---------------------------|-----------|--------|---------|-------------------------------|
| FILE_OR_TABLE_QUALIFIER_I | CHARACTER | 128    | 0       | File or Table Qualifier Input |
| FILE_OR_TABLE_NAME_I      | CHARACTER | 128    | 0       | File or Table Name Input      |
| RECORD_FORMAT_I           | CHARACTER | 10     | 0       | Record Format Output          |
| GDG_VERSION_I             | BINARY    | 4      | 0       | GDG Version Input             |
| COLUMN_NAME_I             | CHARACTER | 128    | 0       | Column Name Input             |

## V1REP11

The V1REP11 table is used as a report that shows all logical relationships between tables, used in subsetting. The following table describes the columns in the V1REP11 table:

| Column         | Type      | Length | Decimal | Domain         |
|----------------|-----------|--------|---------|----------------|
| METHOD         | CHARACTER | 10     | 0       | Method         |
| MACHINE_ID     | CHARACTER | 10     | 0       | Machine ID     |
| COMPANY        | CHARACTER | 10     | 0       | Company        |
| EXECUTION_DATE | CHARACTER | 8      | 0       | Execution Date |

## V1REP12

The V1REP12 table is used as a report that shows method time statistics. The following table describes the columns in the V1REP12 table:

| Column       | Type      | Length | Decimal | Domain       |
|--------------|-----------|--------|---------|--------------|
| METHOD       | CHARACTER | 10     | 0       | Method       |
| MACHINE_ID   | CHARACTER | 10     | 0       | Machine ID   |
| COMPANY      | CHARACTER | 10     | 0       | Company      |
| CPU_TIME     | DECIMAL   | 30     | 0       | CPU Time     |
| ELAPSED_TIME | DECIMAL   | 30     | 0       | Elapsed Time |

## V1REP13

The V1REP13 table is used as a report that shows all tables included in a subsetting method and where a reduction rule is active. The following table describes the columns in the V1REP13 table:

| Column                  | Type      | Length | Decimal | Domain                  |
|-------------------------|-----------|--------|---------|-------------------------|
| MACHINE_ID              | CHARACTER | 10     | 0       | Machine ID              |
| COMPANY                 | CHARACTER | 10     | 0       | Company                 |
| APPLICATION_ID          | CHARACTER | 10     | 0       | Application ID          |
| FILE_TYPE               | CHARACTER | 4      | 0       | File Type               |
| FILE_OR_TABLE_QUALIFIER | CHARACTER | 128    | 0       | File or Table Qualifier |
| FILE_OR_TABLE_NAME      | CHARACTER | 128    | 0       | File or Table Name      |
| RECORD_FORMAT           | CHARACTER | 10     | 0       | Record Format           |

| Column      | Type   | Length | Decimal | Domain      |
|-------------|--------|--------|---------|-------------|
| GDG_VERSION | BINARY | 4      | 0       | GDG Version |

## V1REP14

The V1REP14 table is used as a report that shows all parameters of filter by range used in subsetting. The following table describes the columns in the V1REP14 table:

| Column                  | Type      | Length | Decimal | Domain                  |
|-------------------------|-----------|--------|---------|-------------------------|
| METHOD                  | CHARACTER | 10     | 0       | Method                  |
| STEP                    | BINARY    | 4      | 0       | Step                    |
| MACHINE_ID              | CHARACTER | 10     | 0       | Machine ID              |
| COMPANY                 | CHARACTER | 10     | 0       | Company                 |
| APPLICATION_ID          | CHARACTER | 10     | 0       | Application Id          |
| FILE_TYPE               | CHARACTER | 4      | 0       | File Type               |
| FILE_OR_TABLE_QUALIFIER | CHARACTER | 128    | 0       | File Or Table Qualifier |
| FILE_OR_TABLE_NAME      | CHARACTER | 128    | 0       | File Or Table Name      |
| RECORD_FORMAT           | CHAR      | 10     | 0       | Record Format           |
| INCLUDED_OR_EXCLUDED    | BINARY    | 4      | 0       | GDG Version             |
| FROM                    | CHAR      | 1      | 0       | Included or Excluded    |
| FROM_VALUE              | CHAR      | 254    | 0       | From Value              |
| TO_VALUE                | CHAR      | 254    | 0       | To Value                |

## V1REP15

The V1REP15 table is used as a report that shows all parameters of filter by value list used in subsetting. The following table describes the columns in the V1REP15 table:

| Column                  | Type      | Length | Decimal | Domain                  |
|-------------------------|-----------|--------|---------|-------------------------|
| METHOD                  | CHARACTER | 10     | 0       | Method                  |
| STEP                    | BINARY    | 4      | 0       | Step                    |
| MACHINE_ID              | CHARACTER | 10     | 0       | Machine ID              |
| COMPANY                 | CHARACTER | 10     | 0       | Company                 |
| APPLICATION_ID          | CHARACTER | 10     | 0       | Application Id          |
| FILE_TYPE               | CHARACTER | 4      | 0       | File Type               |
| FILE_OR_TABLE_QUALIFIER | CHARACTER | 128    | 0       | File Or Table Qualifier |
| FILE_OR_TABLE_NAME      | CHARACTER | 128    | 0       | File Or Table Name      |
| RECORD_FORMAT           | CHAR      | 10     | 0       | Record Format           |
| INCLUDED_OR_EXCLUDED    | BINARY    | 4      | 0       | GDG Version             |
| FROM                    | CHAR      | 1      | 0       | Included or Excluded    |
| VALUE                   | CHAR      | 254    | 0       | Value                   |

## V1URDCPY

The V1URDCPY table is used for *HSURDCPY* and *HSURDCOM* views. The following table describes the columns in the V1URDCPY table:

| Column     | Type      | Length | Decimal | Domain                         |
|------------|-----------|--------|---------|--------------------------------|
| MACHINEID  | CHARACTER | 10     | 0       | machine identifier             |
| CDSOC      | CHARACTER | 10     | 0       | company name                   |
| MCRECID    | BINARY    | 4      | 0       | machine/company ID             |
| CPYLIB     | CHARACTER | 44     | 0       | copybook library               |
| CPYNAME    | CHARACTER | 10     | 0       | copybook name                  |
| IOAREANAME | CHARACTER | 30     | 0       | I/O area name                  |
| IOAREAPRG  | BINARY    | 3      | 0       | I/O area progressive           |
| CPYTXT     | CHARACTER | 50     | 0       | copybook text                  |
| FLANAL     | CHARACTER | 1      | 0       | analysis flag                  |
| FLBAD      | CHARACTER | 1      | 0       | bad copybook flag              |
| FLBADTYPE  | CHARACTER | 1      | 0       | type of anomaly                |
| LANGUAGE   | CHARACTER | 3      | 0       | language                       |
| FLMORE01   | CHARACTER | 1      | 0       | flag more than one 01 level    |
| FLMOREPRG  | CHARACTER | 1      | 0       | flag more than one progressive |
| ASSOCIATED | CHARACTER | 1      | 0       | I/O area associated            |
| RECLEN     | BINARY    | 5      | 0       | record length                  |
| NUMFLD     | BINARY    | 5      | 0       | number of fields               |
| NUMFLDPCK  | BINARY    | 5      | 0       | number of packed fields        |
| NUMFLDBIN  | BINARY    | 5      | 0       | number of binary fields        |

## V1URDFIL

The V1URDFIL table is used for *HSURDFIL* and *HSURDCOM* views. The following table describes the columns in the V1URDFIL table:

| Column    | Type      | Length | Decimal | Domain                  |
|-----------|-----------|--------|---------|-------------------------|
| MACHINEID | CHARACTER | 10     | 0       | machine identifier      |
| CDSOC     | CHARACTER | 10     | 0       | company name            |
| MCRECID   | BINARY    | 4      | 0       | machine/company ID      |
| FILLIB    | CHARACTER | 128    | 0       | file library            |
| FILTYPE   | CHARACTER | 4      | 0       | file type               |
| TYPNAME   | CHARACTER | 128    | 0       | ODBC Database Type Name |
| FILNAME   | CHARACTER | 128    | 0       | file name               |
| FILVER    | BINARY    | 3      | 0       | file version            |



| Column     | Type      | Length | Decimal | Domain                       |
|------------|-----------|--------|---------|------------------------------|
| RECFMT     | CHARACTER | 10     | 0       | format of record             |
| FILRECID   | BINARY    | 9      | 0       | file ID                      |
| TSNAME     | CHARACTER | 24     | 0       | tablespace name              |
| DBNAME     | CHARACTER | 24     | 0       | database name                |
| OBID       | BINARY    | 4      | 0       | OBID                         |
| APPLID     | CHARACTER | 10     | 0       | application ID               |
| FILTXT     | CHARACTER | 50     | 0       | text                         |
| FREQLOG    | CHARACTER | 1      | 0       | logging frequency            |
| FREQSPE    | CHARACTER | 1      | 0       | sampling frequency           |
| FREQCORR   | CHARACTER | 1      | 0       | data corruption frequency    |
| NUMREC     | BINARY    | 9      | 0       | number of records            |
| PROCID     | CHARACTER | 5      | 0       | process ID                   |
| UNLFILTYP  | CHARACTER | 4      | 0       | unload file type             |
| UNLFILNAM  | CHARACTER | 44     | 0       | unload file name             |
| UNLFILVER  | BINARY    | 3      | 0       | unload file version          |
| RECLLEN    | BINARY    | 5      | 0       | length of record             |
| FMTSEL     | CHARACTER | 8      | 0       | format selector              |
| DATEANA    | CHARACTER | 8      | 0       | date of analysis             |
| DATECAL    | CHARACTER | 8      | 0       | date of last calculation     |
| DATELOG    | CHARACTER | 8      | 0       | date of last log             |
| DATESPE    | CHARACTER | 8      | 0       | date of last spectrum        |
| DATECORR   | CHARACTER | 8      | 0       | date of last data corruption |
| MBFTYP     | CHARACTER | 1      | 0       | type of file                 |
| ANALYSIS   | CHARACTER | 1      | 0       | analysis state               |
| RECANAL    | BINARY    | 9      | 0       | number of record analyzed    |
| CPYLIB     | CHARACTER | 44     | 0       | associated copybook PDS      |
| CPYNAME    | CHARACTER | 10     | 0       | associated copybook name     |
| IOAREANAME | CHARACTER | 30     | 0       | I/O area name                |
| IOAREAPRG  | BINARY    | 3      | 0       | I/O area progressive         |
| INFOPROV   | CHARACTER | 3      | 0       | information provider         |
| FILNICK    | CHARACTER | 10     | 0       | nickname of file             |
| LOGMON     | CHARACTER | 1      | 0       | logging enabled              |
| DCMON      | CHARACTER | 1      | 0       | data corruption enabled      |
| LOGALARM   | CHARACTER | 1      | 0       | logging alarm                |
| DCALARM    | CHARACTER | 1      | 0       | data corruption alarm        |
| FLANAG     | CHARACTER | 1      | 0       | is demographic               |

| Column   | Type      | Length | Decimal | Domain               |
|----------|-----------|--------|---------|----------------------|
| COENAB   | CHARACTER | 1      | 0       | data consistency     |
| DATECO   | CHARACTER | 8      | 0       | consistency date     |
| FANAGPRO | CHARACTER | 3      | 0       | demographic provider |
| FILCAT   | CHARACTER | 10     | 0       | file category        |
| FLAG01   | CHARACTER | 1      | 0       | FB or VB flag        |
| FLAG02   | CHARACTER | 1      | 0       | currently unused     |
| FLAG03   | CHARACTER | 1      | 0       | currently unused     |
| FLAG04   | CHARACTER | 1      | 0       | currently unused     |
| FLAG05   | CHARACTER | 1      | 0       | currently unused     |

## V1URDFLF

The V1URDFLF table is used for *ANURDFLF* and *HSURDFIL* views. The following table describes the columns in the V1URDFLF table:

| Column    | Type      | Length | Decimal | Domain                |
|-----------|-----------|--------|---------|-----------------------|
| FILLIB    | CHARACTER | 128    | 0       | file library          |
| FILTYPE   | CHARACTER | 4      | 0       | file type             |
| FILNAME   | CHARACTER | 128    | 0       | File name             |
| FILVER    | BINARY    | 3      | 0       | file version          |
| RECFMT    | CHARACTER | 10     | 0       | format of record      |
| MCRECID   | BINARY    | 4      | 0       | machine/company ID    |
| FILRECID  | BINARY    | 9      | 0       | file ID               |
| FLDRECID  | BINARY    | 9      | 0       | field ID              |
| FLDDISPL  | BINARY    | 5      | 0       | field displacement    |
| FLDNAME   | CHARACTER | 128    | 0       | field name            |
| FLDLEN    | BINARY    | 5      | 0       | field length          |
| FLDINT    | BINARY    | 3      | 0       | field integer         |
| FLDDEC    | BINARY    | 3      | 0       | field decimal         |
| FLDSIGN   | CHARACTER | 1      | 0       | field sign            |
| FLDTYPE   | CHARACTER | 1      | 0       | field type            |
| FLDTNUM   | DECIMAL   | 5      | 0       | ODBC Data Type Number |
| FLDTNAME  | CHARACTER | 128    | 0       | ODBC Data Type Name   |
| FLDNAT    | CHARACTER | 1      | 0       | field nature          |
| FLJUSTIFY | CHARACTER | 1      | 0       | justify flag          |
| CLATYPE   | BINARY    | 3      | 0       | field class           |
| INFOPROV  | CHARACTER | 3      | 0       | information origin    |
| MINVAL    | CHARACTER | 33     | 0       | minimum value         |

| Column    | Type      | Length | Decimal | Domain                     |
|-----------|-----------|--------|---------|----------------------------|
| MAXVAL    | CHARACTER | 33     | 0       | maximum value              |
| AVGVAL    | DECIMAL   | 18     | 0       | average value              |
| SPEDIFVAL | BINARY    | 5      | 0       | number of different values |
| USERPGM   | CHARACTER | 10     | 0       | user program               |
| HASSPE    | CHARACTER | 1      | 0       | spectrum presence flag     |
| FLSPE     | CHARACTER | 1      | 0       | spectrum calculation flag  |
| LOGMON    | CHARACTER | 1      | 0       | logging enabled            |
| DCMON     | CHARACTER | 1      | 0       | data corruption enabled    |
| LOGALARM  | CHARACTER | 1      | 0       | logging alarm              |
| DCALARM   | CHARACTER | 1      | 0       | data corruption alarm      |
| NULLCAP   | CHARACTER | 1      | 0       | null capable field         |
| VARLEN    | CHARACTER | 1      | 0       | field with variable length |
| ISANAG    | CHARACTER | 1      | 0       | demographic field          |
| ESTCARD   | BINARY    | 9      | 0       | estimated cardinality      |
| ESTCLA    | BINARY    | 3      | 0       | estimated class            |
| SAMPVAL   | CHARACTER | 33     | 0       | sample value               |
| SAMPNBR   | BINARY    | 9      | 0       | sample OCCURS              |
| FLDTEXT   | CHARACTER | 50     | 0       | text                       |
| ISKEY     | CHARACTER | 1      | 0       | primary key                |
| FLCLAVAL  | CHARACTER | 1      | 0       | use class value            |
| ANAGPRO   | CHARACTER | 3      | 0       | demographic provider       |

## V1URDIMC

The V1URDIMC table is used for ANURDIMC and HSURDCOM views. The following table describes the columns in the V1URDIMC table:

| Column     | Type      | Length | Decimal | Domain               |
|------------|-----------|--------|---------|----------------------|
| MCRECID    | BINARY    | 4      | 0       | machine/company ID   |
| MACHINEID  | CHARACTER | 10     | 0       | machine identifier   |
| CDSOC      | CHARACTER | 10     | 0       | company name         |
| CPYLIB     | CHARACTER | 44     | 0       | copybook PDS         |
| CPYNAME    | CHARACTER | 10     | 0       | copybook name        |
| IOAREANAME | CHARACTER | 30     | 0       | I/O area name        |
| IOAREAPRG  | BINARY    | 3      | 0       | I/O area progressive |
| IMAGEPRG   | BINARY    | 4      | 0       | image number         |
| IMAGE      | VARCHAR   | 3900   | 0       | image                |

## V1URDIMG

The V1URDIMG table is used for *ANURDIMG* and *HSURDFIL* views. The following table describes the columns in the V1URDIMG table:

| Column   | Type      | Length | Decimal | Domain             |
|----------|-----------|--------|---------|--------------------|
| MCRECID  | BINARY    | 4      | 0       | machine/company ID |
| FILRECID | BINARY    | 9      | 0       | file ID            |
| FILLIB   | CHARACTER | 128    | 0       | file library       |
| FILTYPE  | CHARACTER | 4      | 0       | file type          |
| FILNAME  | CHARACTER | 128    | 0       | file name          |
| FILVER   | BINARY    | 3      | 0       | file version       |
| RECFMT   | CHARACTER | 10     | 0       | format of record   |
| IMAGEPRG | BINARY    | 4      | 0       | image number       |
| IMAGE    | VARCHAR   | 4000   | 0       | image              |

## V1URDLOG

The V1URDLOG table is used for *ANURDLOG* and *HSURDFIL* views. The following table describes the columns in the V1URDLOG table:

| Column    | Type      | Length | Decimal | Domain                  |
|-----------|-----------|--------|---------|-------------------------|
| MCRECID   | BINARY    | 4      | 0       | machine/company ID      |
| FILRECID  | BINARY    | 9      | 0       | file ID                 |
| FILLIB    | CHARACTER | 128    | 0       | file library            |
| FILTYPE   | CHARACTER | 4      | 0       | file type               |
| FILNAME   | CHARACTER | 128    | 0       | file name               |
| FILVER    | BINARY    | 3      | 0       | file version            |
| RECFMT    | CHARACTER | 10     | 0       | format of record        |
| MACHINEID | CHARACTER | 10     | 0       | machine identifier      |
| CDSOC     | CHARACTER | 10     | 0       | company name            |
| DTCALC    | CHARACTER | 8      | 0       | last recalculation date |
| FLDNAME   | CHARACTER | 128    | 0       | field name              |
| FLDDISPL  | BINARY    | 5      | 0       | field position          |
| FLDVAL    | CHARACTER | 32     | 0       | field value             |
| DATEFMT   | CHARACTER | 10     | 0       | date format             |
| MSGMNE    | CHARACTER | 5      | 0       | message type            |
| MSGID     | CHARACTER | 7      | 0       | message code            |
| MSGDESC   | CHARACTER | 132    | 0       | message description     |
| OCCURS    | CHARACTER | 9      | 0       | OCCURS                  |

| Column  | Type      | Length | Decimal | Domain                |
|---------|-----------|--------|---------|-----------------------|
| GRAVITY | CHARACTER | 2      | 0       | severity              |
| FLSTOP  | CHARACTER | 1      | 0       | stop elaboration flag |
| TRCIMG  | CHARACTER | 512    | 0       | record image          |
| TRCRRN  | BINARY    | 9      | 0       | internal RRN          |
| IMPDTTM | TIMESTAMP | 26     | 0       | logging date/time     |

## V1URDRFC

The V1URDRFC table is used for *ANURDRFC* and *HSURDFIL* views. The following table describes the columns in the V1URDRFC table:

| Column     | Type      | Length | Decimal | Domain                      |
|------------|-----------|--------|---------|-----------------------------|
| MCRECID    | BINARY    | 4      | 0       | machine/company ID          |
| FILRECID   | BINARY    | 9      | 0       | file ID                     |
| CPYMCRECID | BINARY    | 4      | 0       | copybook machine/company ID |
| CPYLIB     | CHARACTER | 44     | 0       | copybook PDS                |
| CPYNAME    | CHARACTER | 10     | 0       | copybook name               |
| IOAREANAME | CHARACTER | 30     | 0       | I/O area name               |
| IOAREAPRG  | BINARY    | 3      | 0       | I/O area progressive        |
| DELETED    | CHARACTER | 1      | 0       | deleted flag                |
| RECLEN     | BINARY    | 5      | 0       | record length               |
| RECMATCH   | BINARY    | 5      | 0       | number bytes matching       |
| INFOPROV   | CHARACTER | 3      | 0       | information provider        |
| ASSOCIATED | CHARACTER | 1      | 0       | copybook associated         |
| FILLIB     | CHARACTER | 128    | 0       | file library                |
| FILTYPE    | CHARACTER | 4      | 0       | file type                   |
| FILNAME    | CHARACTER | 128    | 0       | file name                   |
| FILVER     | BINARY    | 3      | 0       | file version                |
| RECFMT     | CHARACTER | 10     | 0       | format of record            |

## V2URDFLF

The V2URDFLF table is used for *ANURDFLF* and *HSURDFIL* views. The following table describes the columns in the V2URDFLF table:

| Column  | Type      | Length | Decimal | Domain       |
|---------|-----------|--------|---------|--------------|
| FILLIB  | CHARACTER | 128    | 0       | file library |
| FILTYPE | CHARACTER | 4      | 0       | file type    |
| FILNAME | CHARACTER | 128    | 0       | file name    |
| FILVER  | BINARY    | 3      | 0       | file version |

| Column     | Type      | Length | Decimal | Domain                       |
|------------|-----------|--------|---------|------------------------------|
| RECFMT     | CHARACTER | 10     | 0       | format of record             |
| TSNAME     | CHARACTER | 24     | 0       | tablespace name              |
| DBNAME     | CHARACTER | 24     | 0       | database name                |
| OBID       | BINARY    | 4      | 0       | OBID                         |
| APPLID     | CHARACTER | 10     | 0       | application ID               |
| FILTXT     | CHARACTER | 50     | 0       | text                         |
| FREQLOG    | CHARACTER | 1      | 0       | logging frequency            |
| FREQSPE    | CHARACTER | 1      | 0       | sampling frequency           |
| FREQCORR   | CHARACTER | 1      | 0       | data corruption frequency    |
| NUMREC     | BINARY    | 9      | 0       | number of records            |
| PROCID     | CHARACTER | 5      | 0       | process ID                   |
| UNLFILTYP  | CHARACTER | 4      | 0       | unload file type             |
| UNLFILNAM  | CHARACTER | 44     | 0       | unload file name             |
| UNLFILVER  | BINARY    | 3      | 0       | unload file version          |
| RECLLEN    | BINARY    | 5      | 0       | length of record             |
| FMTSEL     | CHARACTER | 8      | 0       | format selector              |
| DATEANA    | CHARACTER | 8      | 0       | date of analysis             |
| DATECAL    | CHARACTER | 8      | 0       | date of last calculation     |
| DATELOG    | CHARACTER | 8      | 0       | date of last log             |
| DATESPE    | CHARACTER | 8      | 0       | date of last spectrum        |
| DATECORR   | CHARACTER | 8      | 0       | date of last data corruption |
| MBFTYP     | CHARACTER | 1      | 0       | type of file                 |
| ANALYSIS   | CHARACTER | 1      | 0       | analysis state               |
| RECANAL    | BINARY    | 9      | 0       | number of record analyzed    |
| CPYLIB     | CHARACTER | 44     | 0       | associated copybook PDS      |
| CPYNAME    | CHARACTER | 10     | 0       | associated copybook name     |
| IOAREANAME | CHARACTER | 30     | 0       | I/O area name                |
| IOAREAPRG  | BINARY    | 3      | 0       | I/O area progressive         |
| INFOPROV   | CHARACTER | 3      | 0       | information provider         |
| FILNICK    | CHARACTER | 10     | 0       | nickname of file             |
| FLANAG     | CHARACTER | 1      | 0       | is demographpic              |
| COENAB     | CHARACTER | 1      | 0       | data consistency             |
| DATECO     | CHARACTER | 8      | 0       | consistency date             |
| FANAGPRO   | CHARACTER | 3      | 0       | demographic provider         |
| FILCAT     | CHARACTER | 10     | 0       | file category                |
| FLAG01     | CHARACTER | 1      | 0       | FB or VB flag                |

| Column    | Type      | Length | Decimal | Domain                     |
|-----------|-----------|--------|---------|----------------------------|
| F LAG02   | CHARACTER | 1      | 0       | currently unused           |
| F LAG03   | CHARACTER | 1      | 0       | currently unused           |
| F LAG04   | CHARACTER | 1      | 0       | currently unused           |
| F LAG05   | CHARACTER | 1      | 0       | currently unused           |
| MCRECID   | BINARY    | 4      | 0       | machine/company ID         |
| FILRECID  | BINARY    | 9      | 0       | file ID                    |
| FLDRECID  | BINARY    | 9      | 0       | field ID                   |
| FLDDISPL  | BINARY    | 5      | 0       | field displacement         |
| FLDNAME   | CHARACTER | 128    | 0       | field name                 |
| FLDLEN    | BINARY    | 5      | 0       | field length               |
| FLDINT    | BINARY    | 3      | 0       | field integer              |
| FLDDEC    | BINARY    | 3      | 0       | field decimal              |
| FLDSIGN   | CHARACTER | 1      | 0       | field sign                 |
| FLDTYPE   | CHARACTER | 1      | 0       | field type                 |
| FLDTNUM   | DECIMAL   | 5      | 0       | ODBC Data Type Number      |
| FLDTNAME  | CHARACTER | 128    | 0       | ODBC Data Type Name        |
| FLDNAT    | CHARACTER | 1      | 0       | field nature               |
| FLJUSTIFY | CHARACTER | 1      | 0       | justify flag               |
| CLATYPE   | BINARY    | 3      | 0       | field class                |
| MINVAL    | CHARACTER | 33     | 0       | minimum value              |
| MAXVAL    | CHARACTER | 33     | 0       | maximum value              |
| AVGVAL    | DECIMAL   | 18     | 0       | average value              |
| SPEDIFVAL | BINARY    | 5      | 0       | number of different values |
| USERPGM   | CHARACTER | 10     | 0       | user program               |
| HASSPE    | CHARACTER | 1      | 0       | spectrum presence flag     |
| FLSPE     | CHARACTER | 1      | 0       | spectrum calculation flag  |
| LOGMON    | CHARACTER | 1      | 0       | logging enabled for field  |
| DCMON     | CHARACTER | 1      | 0       | data corruption enabled    |
| LOGALARM  | CHARACTER | 1      | 0       | logging alarm for field    |
| DCALARM   | CHARACTER | 1      | 0       | data corruption alarm      |
| NULLCAP   | CHARACTER | 1      | 0       | null capable field         |
| VARLEN    | CHARACTER | 1      | 0       | field with variable length |
| ISANAG    | CHARACTER | 1      | 0       | demographci field          |
| ESTCARD   | BINARY    | 9      | 0       | estimated cardinality      |
| ESTCLA    | BINARY    | 3      | 0       | estimated class            |
| SAMPVAL   | CHARACTER | 33     | 0       | sample value               |

| Column   | Type      | Length | Decimal | Domain               |
|----------|-----------|--------|---------|----------------------|
| SAMPNBR  | BINARY    | 9      | 0       | sample OCCURS        |
| FLDTEXT  | CHARACTER | 50     | 0       | text                 |
| ISKEY    | CHARACTER | 1      | 0       | primary key          |
| FLCLAVAL | CHARACTER | 1      | 0       | use class value      |
| ANAGPRO  | CHARACTER | 3      | 0       | demographic provider |

## V3URDFLF

The V3URDFLF table is used for *ANURDFLF* and *HSURDFIL* views. The following table describes the columns in the V3URDFLF table:

| Column    | Type      | Length | Decimal | Domain                       |
|-----------|-----------|--------|---------|------------------------------|
| FILLIB    | CHARACTER | 128    | 0       | file library                 |
| FILTYPE   | CHARACTER | 4      | 0       | file type                    |
| FILNAME   | CHARACTER | 128    | 0       | file name                    |
| FILVER    | BINARY    | 3      | 0       | file version                 |
| RECFMT    | CHARACTER | 10     | 0       | format of record             |
| TSNAME    | CHARACTER | 24     | 0       | tablespace name              |
| DBNAME    | CHARACTER | 24     | 0       | database name                |
| OBID      | BINARY    | 4      | 0       | OBID                         |
| APPLID    | CHARACTER | 10     | 0       | application ID               |
| FILTXT    | CHARACTER | 50     | 0       | text                         |
| FREQLOG   | CHARACTER | 1      | 0       | logging frequency            |
| FREQSPE   | CHARACTER | 1      | 0       | sampling frequency           |
| FREQCORR  | CHARACTER | 1      | 0       | data corruption frequency    |
| NUMREC    | BINARY    | 9      | 0       | number of records            |
| PROCID    | CHARACTER | 5      | 0       | process ID                   |
| UNLFILTY  | CHARACTER | 4      | 0       | unload file type             |
| UNLFILNAM | CHARACTER | 44     | 0       | unload file name             |
| UNLFILVER | BINARY    | 3      | 0       | unload file version          |
| RECLEN    | BINARY    | 5      | 0       | length of record             |
| FMTSEL    | CHARACTER | 8      | 0       | format selector              |
| DATEANA   | CHARACTER | 8      | 0       | date of analysis             |
| DATECAL   | CHARACTER | 8      | 0       | date of last calculation     |
| DATELOG   | CHARACTER | 8      | 0       | date of last log             |
| DATESPE   | CHARACTER | 8      | 0       | date of last spectrum        |
| DATECORR  | CHARACTER | 8      | 0       | date of last data corruption |
| MBFTYP    | CHARACTER | 1      | 0       | type of file                 |



| Column     | Type      | Length | Decimal | Domain                    |
|------------|-----------|--------|---------|---------------------------|
| ANALYSIS   | CHARACTER | 1      | 0       | analysis state            |
| RECANAL    | BINARY    | 9      | 0       | number of record Analyzed |
| CPYLIB     | CHARACTER | 44     | 0       | associated copybook PDS   |
| CPYNAME    | CHARACTER | 10     | 0       | associated copybook name  |
| IOAREANAME | CHARACTER | 30     | 0       | I/O area name             |
| IOAREAPRG  | BINARY    | 3      | 0       | I/O area progressive      |
| INFOPROV   | CHARACTER | 3      | 0       | information provider      |
| FILNICK    | CHARACTER | 10     | 0       | nickname of file          |
| LOGMON     | CHARACTER | 1      | 0       | logging enabled for file  |
| LOGALARM   | CHARACTER | 1      | 0       | logging alarm for file    |
| FLANAG     | CHARACTER | 1      | 0       | is demographic            |
| COENAB     | CHARACTER | 1      | 0       | data consistency          |
| DATECO     | CHARACTER | 8      | 0       | consistency date          |
| FANAGPRO   | CHARACTER | 3      | 0       | demographic provider      |
| FILCAT     | CHARACTER | 10     | 0       | file category             |
| FLAG01     | CHARACTER | 1      | 0       | FB or VB flag             |
| F LAG02    | CHARACTER | 1      | 0       | currently unused          |
| F LAG03    | CHARACTER | 1      | 0       | currently unused          |
| F LAG04    | CHARACTER | 1      | 0       | currently unused          |
| F LAG05    | CHARACTER | 1      | 0       | currently unused          |
| MCRECID    | BINARY    | 4      | 0       | machine/company ID        |
| FILRECID   | BINARY    | 9      | 0       | file ID                   |
| FLDRECID   | BINARY    | 9      | 0       | field ID                  |
| FLDDISPL   | BINARY    | 5      | 0       | field displacement        |
| FLDNAME    | CHARACTER | 128    | 0       | field name                |
| FLDLEN     | BINARY    | 5      | 0       | field length              |
| FLDINT     | BINARY    | 3      | 0       | field integer             |
| FLDDEC     | BINARY    | 3      | 0       | field decimal             |
| FLDSIGN    | CHARACTER | 1      | 0       | field sign                |
| FLDTYPE    | CHARACTER | 1      | 0       | field type                |
| FLDNAT     | CHARACTER | 1      | 0       | field nature              |
| FLDTNUM    | DECIMAL   | 5      | 0       | ODBC Data Type Number     |
| FLDTNAME   | CHARACTER | 128    | 0       | ODBC Data Type Name       |
| FLJUSTIFY  | CHARACTER | 1      | 0       | justify flag              |
| CLATYPE    | BINARY    | 3      | 0       | field class               |
| MINVAL     | CHARACTER | 33     | 0       | minimum value             |

| Column    | Type      | Length | Decimal | Domain                     |
|-----------|-----------|--------|---------|----------------------------|
| MAXVAL    | CHARACTER | 33     | 0       | maximum value              |
| AVGVAL    | DECIMAL   | 18     | 0       | average value              |
| SPEDIFVAL | BINARY    | 5      | 0       | number of different values |
| USERPGM   | CHARACTER | 10     | 0       | user program               |
| HASSPE    | CHARACTER | 1      | 0       | spectrum presence flag     |
| FLSPE     | CHARACTER | 1      | 0       | spectrum calculation flag  |
| DCMON     | CHARACTER | 1      | 0       | data corruption enabled    |
| DCALARM   | CHARACTER | 1      | 0       | data corruption alarm      |
| NULLCAP   | CHARACTER | 1      | 0       | null capable field         |
| VARLEN    | CHARACTER | 1      | 0       | field with variable length |
| ISANAG    | CHARACTER | 1      | 0       | demographic field          |
| ESTCARD   | BINARY    | 9      | 0       | estimated cardinality      |
| ESTCLA    | BINARY    | 3      | 0       | estimated class            |
| SAMPVAL   | CHARACTER | 33     | 0       | sample value               |
| SAMPNBR   | BINARY    | 9      | 0       | sample OCCURS              |
| FLDTXT    | CHARACTER | 50     | 0       | text                       |
| ISKEY     | CHARACTER | 1      | 0       | primary key                |
| FLCLAVAL  | CHARACTER | 1      | 0       | use class value            |
| ANAGPRO   | CHARACTER | 3      | 0       | demographic provider       |

## XPURDFLC

The *XPURDFLC* table is used for temporary copybook/include fields and is populated during the *Analyze Copybook* phase. The following table describes the columns in the *XPURDFLC* table:

| Column     | Type      | Length | Decimal | Domain               |
|------------|-----------|--------|---------|----------------------|
| MCRECID    | BINARY    | 4      | 0       | machine/company ID   |
| CPYLIB     | CHARACTER | 44     | 0       | copybook library     |
| CPYNAME    | CHARACTER | 10     | 0       | copybook name        |
| STMTNBR    | BINARY    | 7      | 0       | statement number     |
| IOAREANAME | CHARACTER | 30     | 0       | I/O area name        |
| IOAREAPRG  | BINARY    | 3      | 0       | I/O area progressive |
| IOAREASCP  | BINARY    | 3      | 0       | I/O area scope       |
| FLDDISPL   | BINARY    | 5      | 0       | field displacement   |
| FLDNAME    | CHARACTER | 128    | 0       | field name           |
| FLDSCP     | BINARY    | 3      | 0       | field scope          |
| FLDLEVEL   | CHARACTER | 2      | 0       | field level          |
| IOAREANBR  | BINARY    | 5      | 0       | I/O area number      |

| Column     | Type      | Length | Decimal | Domain                             |
|------------|-----------|--------|---------|------------------------------------|
| FLDNBR     | BINARY    | 5      | 0       | field number                       |
| FLDLEN     | BINARY    | 5      | 0       | field length                       |
| FLDINT     | BINARY    | 3      | 0       | field integer                      |
| FLDDEC     | BINARY    | 3      | 0       | field decimal                      |
| FLDSIGN    | CHARACTER | 1      | 0       | field sign                         |
| FLDTYPE    | CHARACTER | 1      | 0       | field type                         |
| FLDOCC     | BINARY    | 5      | 0       | field OCCURS                       |
| FLDOCCTOT  | BINARY    | 5      | 0       | total OCCURS elements              |
| FLDOCCLVL  | BINARY    | 3      | 0       | OCCURS level                       |
| FLDOCCPRG  | BINARY    | 5      | 0       | OCCURS progressive                 |
| FLDOCCSHF  | BINARY    | 5      | 0       | shift to next element displacement |
| FLDREDEF   | CHARACTER | 1      | 0       | field REDEFINES                    |
| FLDREDEFC  | CHARACTER | 1      | 0       | field REDEFINES clause             |
| FLDNBRREDE | BINARY    | 5      | 0       | number of REDEFINES field          |
| FLDGROUP   | CHARACTER | 1      | 0       | Group field                        |
| FLJUSTIFY  | CHARACTER | 1      | 0       | Justify flag                       |

## Sequential Files

This chapter lists information for sequential files.

## Class List Interface

The class list interface is used to import and export class information, and must be provided as a sequential file defined as FB with record length 162.

The following table describes the columns in the class list interface:

| Column    | Type      | Length | Decimal | Domain                  |
|-----------|-----------|--------|---------|-------------------------|
| CLATYPE   | INTEGER   | 4      | 0       | Class number            |
| CLACLS    | CHARACTER | 1      | 0       | Charcode                |
| DSCLATYPE | CHARACTER | 30     | 0       | Class description       |
| DRCLATYPE | CHARACTER | 7      | 0       | Class short description |
| EUROSENS  | CHARACTER | 1      | 0       | Highlight flag          |
| FLALFA    | CHARACTER | 1      | 0       | Alphanumeric Field      |
| FLZND     | CHARACTER | 1      | 0       | Zoned Field             |
| FLPCK     | CHARACTER | 1      | 0       | Packed Field            |
| FLBIN     | CHARACTER | 1      | 0       | Binary Field            |
| FLEDT     | CHARACTER | 1      | 0       | Edited Field            |
| LENMIN    | INTEGER   | 9      | 0       | Minimum Length          |

| Column   | Type      | Length | Decimal | Domain          |
|----------|-----------|--------|---------|-----------------|
| LENMAX   | INTEGER   | 9      | 0       | Maximum Length  |
| INTMIN   | INTEGER   | 9      | 0       | Minimum Integer |
| INTMAX   | INTEGER   | 9      | 0       | Maximum Integer |
| DECMIN   | INTEGER   | 9      | 0       | Minimum Decimal |
| DECMAX   | INTEGER   | 9      | 0       | Maximum Decimal |
| SUPCLASS | CHARACTER | 1      | 0       | Superclass      |
| EDITMSK  | CHARACTER | 32     | 0       | Edit Mask       |
| CHGPGM   | CHARACTER | 8      | 0       | Masking Program |

## Combined List Interface

The combined list interface is used to import and export combined information, and must be provided as a sequential file defined as FB with record length 311.

The following tables describe the columns in the combined list interface:

**Table 1: Combined data element - header**

| Column  | Type      | Length | Decimal | Domain                      |
|---------|-----------|--------|---------|-----------------------------|
| RECTYPE | CHARACTER | 1      | 0       | Always set to H             |
| FILTYPE | CHARACTER | 4      | 0       | Data store type             |
| FILNAME | CHARACTER | 128    | 0       | Data store name             |
| FILLIB  | CHARACTER | 128    | 0       | Schema name or DBD name     |
| FILVER  | INTEGER   | 3      | 0       | GDG version (0 for non-GDG) |
| RECFMT  | CHARACTER | 10     | 0       | Record format               |
| FLDNAME | CHARACTER | 30     | 0       | Combined data element name  |

**Table 2: Combined data element - detail**

| Column   | Type      | Length | Decimal | Domain                 |
|----------|-----------|--------|---------|------------------------|
| RECTYPE  | CHARACTER | 1      | 0       | Always set to D        |
| PRGCBZ   | INTEGER   | 9      | 0       | Prog.Fields Group      |
| CBZTXT   | CHARACTER | 50     | 0       | Fields Group Text      |
| FLDNAME  | CHARACTER | 30     | 0       | Data Element Name      |
| FLDRECID | INTEGER   | 9      | 0       | Data Element ID        |
| CTRLTAB  | CHARACTER | 18     | 0       | Control Table          |
| CTRLPGM  | CHARACTER | 10     | 0       | Control Program        |
| EDTSIG   | CHARACTER | 1      | 0       | Flag Sign on String    |
| EDTDEC   | CHARACTER | 1      | 0       | Flag Decimal on String |

**Table 3: Combined data element - extension**

| Column      | Type      | Length | Decimal | Domain                      |
|-------------|-----------|--------|---------|-----------------------------|
| RECTYPE     | CHARACTER | 1      | 0       | Always set to E             |
| PRGCBZ      | INTEGER   | 9      | 0       | Prog.Fields Group           |
| FLDNAME     | CHARACTER | 30     | 0       | Data Element Name           |
| FLDRECID    | INTEGER   | 9      | 0       | Data Element ID             |
| EXTTYPE     | CHARACTER | 1      | 0       | Extended Value Type         |
| EXTPRG      | INTEGER   | 9      | 0       | Extended Value Progressive  |
| EXTPOS      | INTEGER   | 9      | 0       | Position for Substring      |
| EXTLEN      | INTEGER   | 9      | 0       | Length for Substring        |
| EXTVAL      | CHARACTER | 100    | 0       | Value for Prefix and Suffix |
| EXTHEX      | CHARACTER | 1      | 0       | Value is Hexadecimal        |
| EXTRROUTINE | CHARACTER | 8      | 0       | Routine Name                |

## DB2 Catalog Synchronization Information

The DB2 Catalog Synchronization Information sequential file is used for the layout of a sequential file in text format and is populated during the execution of the Data Subset Extraction batch process.

### DB2 Catalog Synchronization - HEADER

The following table describes the columns in the DB2 Catalog Synchronization Information sequential file for HEADER:

| Column    | Type      | Length  | Decimal | Domain                                |
|-----------|-----------|---------|---------|---------------------------------------|
| RECFMT    | CHARACTER | 001-004 | 4       | HEAD                                  |
| Separator | CHARACTER | 005-005 | 1       | must be blank                         |
| TBNAME    | CHARACTER | 006-133 | 128     | table name (mandatory field)          |
| Separator | CHARACTER | 134-134 | 1       | must be blank                         |
| TBCREATOR | CHARACTER | 135-262 | 128     | table creator ( mandatory field)      |
| Separator | CHARACTER | 263-263 | 1       | must be blank                         |
| CARD      | CHARACTER | 264-272 | 9       | table cardinality ( mandatory field). |

### DB2 Catalog Synchronization - INTERNAL KEY

The following table describes the columns in the DB2 Catalog Synchronization Information sequential file for INTERNAL KEY:

| Column    | Type      | Length  | Decimal | Domain                       |
|-----------|-----------|---------|---------|------------------------------|
| RECFMT    | CHARACTER | 001-004 | 4       | IKEY                         |
| Separator | CHARACTER | 005-005 | 1       | must be blank                |
| IXNAME    | CHARACTER | 006-133 | 128     | index name (mandatory field) |

| Column    | Type      | Length  | Decimal | Domain                             |
|-----------|-----------|---------|---------|------------------------------------|
| Separator | CHARACTER | 134-134 | 1       | must be blank                      |
| IXCREATOR | CHARACTER | 135-262 | 128     | index creator ( mandatory field)   |
| Separator | CHARACTER | 263-263 | 1       | must be blank                      |
| COLSEQ    | CHARACTER | 264-267 | 4       | column sequence ( mandatory field) |
| Separator | CHARACTER | 268-268 | 1       | must be blank                      |
| COLNAME   | CHARACTER | 269-298 | 30      | column name ( mandatory field)     |
| Separator | CHARACTER | 299-299 | 1       | must be blank                      |
| COLNO     | CHARACTER | 300-303 | 4       | column number ( mandatory field)   |

## DB2 Catalog Synchronization - EXTERNAL KEY

The following table describes the columns in the DB2 Catalog Synchronization Information sequential file for EXTERNAL KEY:

| Column    | Type      | Length  | Decimal | Domain                             |
|-----------|-----------|---------|---------|------------------------------------|
| RECFMT    | CHARACTER | 001-004 | 4       | EKEY                               |
| Separator | CHARACTER | 005-005 | 1       | must be blank                      |
| IXNAME    | CHARACTER | 006-133 | 128     | index name (mandatory field)       |
| Separator | CHARACTER | 134-134 | 1       | must be blank                      |
| IXCREATOR | CHARACTER | 135-262 | 128     | index creator ( mandatory field)   |
| Separator | CHARACTER | 263-263 | 1       | must be blank                      |
| COLSEQ    | CHARACTER | 264-267 | 4       | column sequence ( mandatory field) |
| Separator | CHARACTER | 268-268 | 1       | must be blank                      |
| COLNAME   | CHARACTER | 269-298 | 30      | column name ( mandatory field).    |
| Separator | CHARACTER | 299-299 | 1       | must be blank                      |
| COLNO     | CHARACTER | 300-303 | 4       | column number ( mandatory field)   |

## DB2 Catalog Synchronization - IMAGE COPY

The following table describes the columns in the DB2 Catalog Synchronization Information sequential file for IMAGE COPY:

| Column    | Type      | Length  | Decimal | Domain                               |
|-----------|-----------|---------|---------|--------------------------------------|
| RECFMT    | CHARACTER | 001-004 | 4       | ICPY                                 |
| Separator | CHARACTER | 005-005 | 1       | must be blank                        |
| DBNAME    | CHARACTER | 006-029 | 24      | database name (mandatory field)      |
| Separator | CHARACTER | 030-030 | 1       | must be blank                        |
| TSNAME    | CHARACTER | 031-054 | 24      | tablespace creator (mandatory field) |
| Separator | CHARACTER | 055-055 | 1       | must be blank                        |
| DSNUM     | CHARACTER | 056-064 | 9       | data set number (mandatory field)    |

| Column          | Type      | Length  | Decimal | Domain                                |
|-----------------|-----------|---------|---------|---------------------------------------|
| Separator       | CHARACTER | 065-065 | 1       | must be blank                         |
| ICDATE          | CHARACTER | 066-073 | 8       | image copybook date (mandatory field) |
| Separator       | CHARACTER | 074-074 | 1       | must be blank                         |
| DSNAME          | CHARACTER | 075-118 | 44      | data set name (mandatory field)       |
| Separator       | CHARACTER | 119-119 | 1       | must be blank                         |
| DSTIMESTAM<br>P | CHARACTER | 120-145 | 26      | timestamp (mandatory field)           |

## Load Copy Information from External Interface

The *Load Copy Information from External Interface* sequential file is used for the layout of a sequential file in text format and is populated during the *Handle Copybook* phase from a flat file interface. The Sample data folder on the installation CD contains the file `seqcpy`, which is a sample of this interface.

The following table describes the columns in the *Load Copy Information from External Interface* sequential file:

| Column    | Type      | Length  | Decimal | Domain  |
|-----------|-----------|---------|---------|---|
| CPYLIB    | CHARACTER | 001-044 | 44      | copybook library (mandatory field)  |
| Separator | CHARACTER | 045-045 | 1       | must be blank   |
| CPYNAME   | CHARACTER | 046-055 | 10      | copybook name (mandatory field). Can be blank or a partial name (with '*' or '?') |
| Separator | CHARACTER | 056-056 | 1       | must be blank   |
| LOADTYPE  | CHARACTER | 057-057 | 1       | load only handled languages flag ( '/' for yes, blank for no)                     |
| Separator | CHARACTER | 058-058 | 1       | must be blank   |
| REPLACE   | CHARACTER | 059-059 | 1       | flag replace parameter  |
| Separator | CHARACTER | 060-060 | 1       | must be blank   |
| ASSOCIATE | CHARACTER | 061-061 | 1       | flag associate parameter  |
| Separator | CHARACTER | 062-062 | 1       | must be blank   |
| TOLLCPY   | INTEGER   | 063-064 | 2       | copybook tolerance parameter  |
| Separator | CHARACTER | 065-065 | 1       | must be blank   |
| DECSEP    | CHARACTER | 066-066 | 1       | COBOL decimal separator parameter   |
| Separator | CHARACTER | 067-067 | 1       | must be blank   |
| MAXIOAREA | INTEGER   | 068-070 | 3       | maximum progressive of I/O area parameter   |
| Separator | CHARACTER | 071-071 | 1       | must be blank   |
| SRCINZ    | INTEGER   | 072-074 | 3       | begin PL/I source (details below)   |
| Separator | CHARACTER | 075-076 | 1       | must be blank   |
| SRCLLEN   | INTEGER   | 076-078 | 3       | length PL/I source (details below)  |

## Flag replace Parameter

The Flag replace parameter indicates the conditions under which a copybook must be analyzed:

- Performs the analysis only if the copybook has not been analyzed.
- Performs the analysis if the copybook has been analyzed but not associated.
- Performs the analysis even if the copybook has already been analyzed and associated.



**Note:** If the default defined machine ID and company level are assumed, leave this parameter blank.

## Flag associate Parameter

The Flag associate parameter lets you choose whether to associate the file directly to the copybook describing its trace. The association algorithm will only be executed on copybooks analyzed until then. Therefore, this option is recommended only when the whole packet of copies belonging to the application has been analyzed. Values allowed:

- / = yes
- blank = not



**Note:** This parameter is intended for future use.

## Copy Tolerance Parameter

The Copy Tolerance parameter lets you specify a percentage of tolerance between the length of the file layout and that of the copybook describing it. If you set this parameter to 0 (zero), these length values must coincide. Setting a tolerance to a value different from zero may be useful when 'FILLER' fields involving the use of a copy layout longer than the file layout are used in the copies. It is a 2-digit numeric value, padded with zeroes at the left.



**Note:** If the default defined machine ID and company level are assumed, leave this parameter blank.

## COBOL Decimal Separator Parameter

The COBOL Decimal Separator parameter lets you specify the decimal separator within the COBOL copybook (comma or period). Use value 1 for period and 2 for comma.



**Note:** If the default defined machine ID and company level are assumed, leave this parameter blank.

## Maximum Progressive of I/O Area Parameter

The Maximum Progressive of I/O Area parameter lets you specify the maximum number of incongruent formats an I/O area can describe through the redefines (within COBOL copies) or readdressing (within PL/I includes) clause. It is a 3-digit numeric value padded with zeroes at the left.



**Note:** If the default defined machine ID and company level are assumed, leave this parameter blank.

## Statement Length in PL/I Source Parameter

The Statement Length in PL/I Source parameter lets you specify the length of the source row within the PL/I includes. They are 3-digit numeric values, padded with zeros at the left.




**Note:** If the default defined machine ID and company level are assumed, leave this parameter blank.



# Load Data Store Information from External Interface

The Load Data Store Information from External Interface sequential file is used for the layout of a sequential file in text format and is populated when file information is loaded from an external interface.


 **Note:** The sample data folder on the installation CD contains the file `extseq2`, which is a sample of this interface. In the same folder, the sample file `external` contains an example of the input to be used for the toolkit in order to generate this interface (for DB2 only).

## DB2 Databases

This section lists the layout versions of the Load Data Store Information from External Interface sequential file for DB2 databases.

### Direct Access – API Load Sequential File


The following table describes the columns in the Load Data Store Information from External Interface sequential file for DB2 databases using direct access:

 **Note:** This is used as input for the Load Sequential File with DB2 Catalog job.

| Column    | Type      | Length    | Decimal | Domain                           |
|-----------|-----------|-----------|---------|----------------------------------|
| FILETYPE  | CHARACTER | 0 01 -004 | 4       | DB2D                             |
| Separator | CHARACTER | 005-005   | 1       | must be blank                    |
| FILNAME   | CHARACTER | 006-133   | 128     | table name (mandatory field).    |
| Separator | CHARACTER | 134-134   | 1       | must be blank                    |
| FILLIB    | CHARACTER | 135- 262  | 128     | table creator (mandatory field). |
| Separator | CHARACTER | 263-263   | 1       | must be blank                    |
| APPLID    | CHARACTER | 264-273   | 10      | application code                 |

### Direct Access – HEADER

The following table describes the columns in the Load Data Store Information from External Interface sequential file for DB2 databases using direct access for HEADER:


 **Note:** This is produced as the byproduct of performing the Load Sequential File with DB2 Catalog job.

| Column    | Type      | Length  | Decimal | Domain                           |
|-----------|-----------|---------|---------|----------------------------------|
| FILETYPE  | CHARACTER | 001-004 | 4       | DB2D                             |
| Separator | CHARACTER | 005-005 | 1       | must be blank                    |
| FILNAME   | CHARACTER | 006-133 | 128     | table name (mandatory field)     |
| Separator | CHARACTER | 134-134 | 1       | must be blank                    |
| FILLIB    | CHARACTER | 135-262 | 128     | table creator ( mandatory field) |
| Separator | CHARACTER | 263-263 | 1       | must be blank                    |
| APPLID    | CHARACTER | 264-273 | 10      | application code                 |
| Separator | CHARACTER | 274-274 | 1       | must be blank                    |

| Column    | Type      | Length  | Decimal | Domain  |
|-----------|-----------|---------|---------|---|
| TSNAME    | CHARACTER | 275-298 | 24      | tablespace name   |
| Separator | CHARACTER | 299-299 | 1       | must be blank   |
| DBNAME    | CHARACTER | 300-323 | 24      | database name ( mandatory field)                                    |
| Separator | CHARACTER | 324-324 | 1       | must be blank   |
| OBID      | INTEGER   | 325-328 | 4       | OBID ( mandatory field)   |
| Separator | CHARACTER | 329-329 | 1       | must be blank   |
| FILTXT    | CHARACTER | 330-379 | 50      | text  |
| Separator | CHARACTER | 380-380 | 1       | must be blank   |
| NUMREC    | INTEGER   | 381-389 | 9       | number of records (if not specified, it will be considered as 5000) |
| Separator | CHARACTER | 390-390 | 1       | must be blank   |
| RECLLEN   | INTEGER   | 391-395 | 5       | length of records (mandatory field)                                 |

### Direct Access – DETAIL

The following table describes the columns in the Load Data Store Information from External Interface sequential file for DB2 databases using direct access for DETAIL:

 **Note:** This is produced as the byproduct of performing the Load Sequential File with DB2 Catalog job.

| Column    | Type      | Length  | Decimal | Domain   |
|-----------|-----------|---------|---------|--|
| FILETYPE  | CHARACTER | 001-004 | 4       | DB2F   |
| Separator | CHARACTER | 005-005 | 1       | must be blank                                    |
| FLDDISPL  | INTEGER   | 006-010 | 5       | field displacement (mandatory field)             |
| Separator | CHARACTER | 011-011 | 1       | must be blank                                    |
| FLDNAME   | CHARACTER | 012-041 | 30      | field name ( mandatory field)                    |
| Separator | CHARACTER | 042-042 | 1       | must be blank                                    |
| FLDLEN    | INTEGER   | 043-047 | 5       | field length ( mandatory field)                  |
| Separator | CHARACTER | 048-048 | 1       | must be blank                                    |
| FLDINT    | INTEGER   | 049-051 | 3       | field integer ( mandatory field)                 |
| Separator | CHARACTER | 052-052 | 1       | must be blank                                    |
| FLDDEC    | INTEGER   | 053-055 | 3       | field decimal ( mandatory field)                 |
| Separator | CHARACTER | 056-056 | 1       | must be blank                                    |
| FLDTYPE   | CHARACTER | 057-057 | 1       | field type ( mandatory field)                    |
| Separator | CHARACTER | 058-058 | 1       | must be blank                                    |
| CLATYPE   | INTEGER   | 059-062 | 4       | field class                                      |
| Separator | CHARACTER | 063-063 | 1       | must be blank                                    |
| NULLCAP   | CHARACTER | 064-064 | 1       | null capable field ( mandatory field). Blank = N |
| Separator | CHARACTER | 065-065 | 1       | must be blank                                    |

| Column    | Type      | Length  | Decimal | Domain                     |
|-----------|-----------|---------|---------|----------------------------|
| VARLEN    | CHARACTER | 066-066 | 1       | field with variable length |
| Separator | CHARACTER | 067-067 | 1       | must be blank              |
| FLDXTX    | CHARACTER | 068-117 | 50      | text                       |

### Access from Unload

The following table describes the columns in the Load Data Store Information from External Interface sequential file for DB2 databases using direct access:

| Column      | Type      | Length  | Decimal | Domain                                 |
|-------------|-----------|---------|---------|--|
| FILETYPE    | CHARACTER | 001-004 | 4       | DB2                                    |
| Separator   | CHARACTER | 005-005 | 1       | must be blank                          |
| UNLOAD FILE | CHARACTER | 006-055 | 50      | unload data set name (mandatory field) |
| Separator   | CHARACTER | 056-056 | 1       | must be blank                          |
| SYSPUNCH    | CHARACTER | 057-110 | 54      | SYSPUNCH or DCLGEN (mandatory field)   |
| Separator   | CHARACTER | 111-111 | 1       | must be blank                          |
| APPLID      | CHARACTER | 112-121 | 10      | application code                       |

### VSAM Databases

The following table describes the columns in the Load Data Store Information from External Interface sequential file for VSAM databases:

| Column      | Type      | Length  | Decimal | Domain   |
|-------------|-----------|---------|---------|--|
| FILETYPE    | CHARACTER | 001-004 | 4       | VSAM for non-RRDS VSAM data sets<br>RRDS for RRDS VSAM data sets |
| Separator   | CHARACTER | 005-005 | 1       | must be blank  |
| FILENAME    | CHARACTER | 006-049 | 44      | data set name (mandatory field).                                 |
| Separator   | CHARACTER | 050-050 | 1       | must be blank  |
| NICKNAME    | CHARACTER | 051-060 | 10      | nickname   |
| Separator   | CHARACTER | 061-061 | 1       | must be blank  |
| UNLOAD FILE | CHARACTER | 062-111 | 50      | unload data set name   |
| Separator   | CHARACTER | 112-112 | 1       | must be blank  |
| FMTSEL      | CHARACTER | 113-120 | 8       | format selector  |
| Separator   | CHARACTER | 121-121 | 1       | must be blank  |
| APPLID      | CHARACTER | 122-131 | 10      | application code   |
| Separator   | CHARACTER | 132-132 | 1       | must be blank  |
| CPYLIB      | CHARACTER | 133-176 | 44      | copybook library   |
| Separator   | CHARACTER | 177-177 | 1       | must be blank  |

| Column     | Type      | Length  | Decimal | Domain               |
|------------|-----------|---------|---------|----------------------|
| CPYNAME    | CHARACTER | 178-187 | 10      | copybook name        |
| Separator  | CHARACTER | 188-188 | 1       | must be blank        |
| IOAREANAME | CHARACTER | 189-218 | 30      | I/O area name        |
| Separator  | CHARACTER | 219-219 | 1       | must be blank        |
| IOAREAPRG  | INTEGER   | 220-222 | 3       | I/O area progressive |

## Sequential and GDG Databases

The following table describes the columns in the Load Data Store Information from External Interface sequential file for sequential and GDG databases:

| Column      | Type      | Length  | Decimal | Domain                            |
|-------------|-----------|---------|---------|-----------------------------------|
| FILETYPE    | CHARACTER | 001-004 | 4       | GDG or SEQ according to file type |
| Separator   | CHARACTER | 005-005 | 1       | must be blank                     |
| FILNAME     | CHARACTER | 006-055 | 50      | data set name (mandatory field)   |
| Separator   | CHARACTER | 056-056 | 1       | must be blank                     |
| NICKNAME    | CHARACTER | 057-076 | 20      | nickname                          |
| Separator   | CHARACTER | 077-077 | 1       | must be blank                     |
| UNLOAD FILE | CHARACTER | 078-127 | 50      | unload data set name              |
| Separator   | CHARACTER | 128-128 | 1       | must be blank                     |
| FMTSEL      | CHARACTER | 129-136 | 8       | format selector                   |
| Separator   | CHARACTER | 137-137 | 1       | must be blank                     |
| APPLID      | CHARACTER | 138-147 | 10      | application code                  |
| Separator   | CHARACTER | 148-148 | 1       | must be blank                     |
| CPYLIB      | CHARACTER | 149-192 | 44      | copybook library                  |
| Separator   | CHARACTER | 193-193 | 1       | must be blank                     |
| CPYNAME     | CHARACTER | 194-203 | 10      | copybook name                     |
| Separator   | CHARACTER | 204-204 | 1       | must be blank                     |
| IOAREANAME  | CHARACTER | 205-234 | 30      | I/O area name                     |
| Separator   | CHARACTER | 235-235 | 1       | must be blank                     |
| IOAREAPRG   | INTEGER   | 236-238 | 3       | I/O area progressive              |



**Note:** You can specify the FILETYPE parameter for GDG files in either of following ways:

- When using the relative name (signed integer) for FILENAME, the FILETYPE must be GDG. For example:

```
GDG XXXXXX.GDG.TEST(0)
GDG XXXXXX.GDG.TEST(-1)
GDG XXXXXX.GDG.TEST(-2)
```

- When using the absolute generation name for FILENAME, the FILETYPE can be GDG or SEQ. For example:

```
GDG   XXXXXX.GDG.TEST.G0001V00
GDG   XXXXXX.GDG.TEST.G0002V00
GDG   XXXXXX.GDG.TEST.G0003V00
```

Or

```
SEQ   XXXXXX.GDG.TEST.G0001V00
SEQ   XXXXXX.GDG.TEST.G0002V00
SEQ   XXXXXX.GDG.TEST.G0003V00
```

For more information on GDG, see *GDG Support* in your *Process for z/OS Guide*.

## DL/I Databases

The following table describes the columns in the Load Data Store Information from External Interface sequential file for DL/I databases.



**Note:** DL/I multi-format segments are not supported.

| Column      | Type      | Length  | Decimal | Domain  |
|-------------|-----------|---------|---------|---|
| FILETYPE    | CHARACTER | 001-004 | 4       | DL/I  |
| Separator   | CHARACTER | 005-005 | 1       | must be blank   |
| DBDNAME     | CHARACTER | 006-013 | 8       | DBD name (mandatory field)  |
| Separator   | CHARACTER | 014-014 | 1       | must be blank   |
| UNLOAD FILE | CHARACTER | 015-064 | 50      | unload data set name (mandatory field)  |
| Separator   | CHARACTER | 065-065 | 1       | must be blank   |
| PROCID      | CHARACTER | 066-070 | 5       | process ID (mandatory field)  |
| Separator   | CHARACTER | 071-071 | 1       | must be blank   |
| APPLID      | CHARACTER | 072-081 | 10      | application code  |
| Separator   | CHARACTER | 082-082 | 1       | must be blank   |
| CPYLIB      | CHARACTER | 083-126 | 44      | copybook library  |
| Separator   | CHARACTER | 127-127 | 1       | must be blank   |
| CPYNAME     | CHARACTER | 128-137 | 10      | copybook name   |
| Separator   | CHARACTER | 138-138 | 1       | must be blank   |
| IOAREANAME  | CHARACTER | 139-168 | 30      | I/O area name   |
| Separator   | CHARACTER | 169-169 | 1       | must be blank   |
| IOAREAPRG   | INTEGER   | 170-172 | 3       | I/O area progressive  |
| Separator   | CHARACTER | 173-173 | 1       | must be blank   |
| SEGMENTNAME | CHARACTER | 174-181 | 8       | Segment Name (mandatory field only for the manual association segment/copybook) |

## ADABAS Data Stores

This section lists the layout versions of the Load Data Store Information from External Interface sequential file for ADABAS data stores.

## ADABAS – API Load Sequential File - HEADER

The following table describes the columns in the Load Data Store Information from External Interface sequential file for ADABAS Data Store for HEADER:

| Column    | Type      | Length  | Decimal | Domain  |
|-----------|-----------|---------|---------|---|
| FILETYPE  | CHARACTER | 001-004 | 4       | ADAD  |
| Separator | CHARACTER | 005-005 | 1       | must be blank   |
| FILNAME   | CHARACTER | 006-055 | 50      | database name + file name + number of files (mandatory field)       |
| Separator | CHARACTER | 056-056 | 1       | must be blank   |
| FILLIB    | CHARACTER | 057-110 | 54      | database name (mandatory field)                                     |
| Separator | CHARACTER | 111-111 | 1       | must be blank   |
| APPLID    | CHARACTER | 112-121 | 10      | application code  |
| Separator | CHARACTER | 122-122 | 1       | must be blank   |
| TSNAME    | CHARACTER | 123-130 | 8       | tablespace name (mandatory field)                                   |
| Separator | CHARACTER | 131-131 | 1       | must be blank   |
| DBNAME    | CHARACTER | 132-149 | 8       | database number (mandatory field)                                   |
| Separator | CHARACTER | 140-140 | 1       | must be blank   |
| OBID      | INTEGER   | 141-144 | 4       | OBID (mandatory field)  |
| Separator | CHARACTER | 145-145 | 1       | must be blank   |
| FILTXT    | CHARACTER | 146-195 | 50      | text  |
| Separator | CHARACTER | 196-196 | 1       | must be blank   |
| NUMREC    | INTEGER   | 197-205 | 9       | number of records (if not specified, it will be considered as 5000) |
| Separator | CHARACTER | 206-206 | 1       | must be blank   |
| RECLEN    | INTEGER   | 207-211 | 5       | length of records (mandatory field)                                 |
| Separator | CHARACTER | 212-212 | 1       | must be blank   |
| IOAREA    | INTEGER   | 213-242 | 30      | I/O area name (mandatory field)                                     |

## ADABAS Data Store – DETAIL

The following table describes the columns in the Load Data Store Information from External Interface sequential file for ADABAS Data Store for DETAIL:

| Column    | Type      | Length  | Decimal | Domain                               |
|-----------|-----------|---------|---------|--------------------------------------|
| FILETYPE2 | CHARACTER | 001-004 | 4       | ADAF                                 |
| Separator | CHARACTER | 005-005 | 1       | must be blank                        |
| FLDDISPL  | INTEGER   | 006-010 | 5       | Field displacement (mandatory field) |
| Separator | CHARACTER | 011-011 | 1       | must be blank                        |
| FLDNAME   | CHARACTER | 012-041 | 30      | field name (mandatory field)         |
| Separator | CHARACTER | 042-042 | 1       | must be blank                        |
| FLDLEN    | INTEGER   | 043-047 | 5       | field length (mandatory field)       |

| Column     | Type      | Length  | Decimal | Domain                                   |
|------------|-----------|---------|---------|--|
| Separator  | CHARACTER | 048-048 | 1       | must be blank                            |
| FLDINT     | INTEGER   | 049-051 | 3       | field Integer (mandatory field)          |
| Separator  | CHARACTER | 052-052 | 1       | must be blank                            |
| FLDDEC     | INTEGER   | 053-055 | 3       | field Decimal (mandatory field)          |
| Separator  | CHARACTER | 056-056 | 1       | must be blank                            |
| FLDTYPE    | CHARACTER | 057-057 | 1       | field type (mandatory field)             |
| Separator  | CHARACTER | 058-058 | 1       | must be blank                            |
| CPYLIB     | CHARACTER | 059-102 | 44      | tablespace number (mandatory field)      |
| Separator  | CHARACTER | 103-103 | 1       | must be blank                            |
| CPYNAME    | CHARACTER | 104-113 | 10      | database number (mandatory field)        |
| Separator  | CHARACTER | 114-114 | 1       | must be blank                            |
| IOAREANAME | CHARACTER | 115-144 | 30      | I/O area name (mandatory field)          |
| Separator  | CHARACTER | 145-145 | 1       | must be blank                            |
| FLDLEVEL   | CHARACTER | 146-147 | 2       | level of field (mandatory field)         |
| Separator  | CHARACTER | 148-148 | 1       | must be blank                            |
| IOAREANBR  | INTEGER   | 149-153 | 5       | I/O area number (mandatory field)        |
| Separator  | CHARACTER | 154-154 | 1       | must be blank                            |
| FLDNBR     | INTEGER   | 155-159 | 5       | field number (mandatory field)           |
| Separator  | CHARACTER | 160-160 | 1       | must be blank                            |
| FLDSIGN    | CHARACTER | 161-161 | 1       | field sign(mandatory field)              |
| Separator  | CHARACTER | 162-162 | 1       | must be blank                            |
| FLDOCC     | INTEGER   | 163-167 | 5       | field OCCURS (mandatory field)           |
| Separator  | CHARACTER | 168-168 | 1       | must be blank                            |
| FLDOCCTOT  | INTEGER   | 169-173 | 5       | field OCCURS elements (mandatory field)  |
| Separator  | CHARACTER | 174-174 | 1       | must be blank                            |
| FLDOCCLVL  | INTEGER   | 175-177 | 3       | OCCURS Level (mandatory field)           |
| Separator  | CHARACTER | 178-178 | 1       | must be blank                            |
| FLDOCCPRG  | INTEGER   | 179-183 | 5       | OCCURS progressive (mandatory field)     |
| Separator  | CHARACTER | 184-184 | 1       | must be blank                            |
| FLDGROUP   | CHARACTER | 185-185 | 1       | group field (mandatory field)            |
| Separator  | CHARACTER | 186-186 | 1       | must be blank                            |
| STMTNBR    | INTEGER   | 187-193 | 7       | statement number (mandatory field)       |
| Separator  | CHARACTER | 194-194 | 1       | must be blank                            |
| FLAGFLD    | CHARACTER | 195-195 | 1       | flag for TAB. ANURDFLF (mandatory field) |

| Column    | Type      | Length  | Decimal | Domain                         |
|-----------|-----------|---------|---------|--------------------------------|
| Separator | CHARACTER | 196-196 | 1       | must be blank                  |
| FLDRECID  | INTEGER   | 197-205 | 9       | field ID (mandatory field)     |
| Separator | CHARACTER | 206-206 | 1       | must be blank                  |
| FLDNAT    | CHARACTER | 207-207 | 1       | field nature (mandatory field) |

## Load Referential Integrity Relation Information

The `Load Referential Integrity Relation Information` sequential file is used for the layout of a sequential CSV file in text format and is populated during the `Data Subsetting` phase. The `Sample data` folder on the installation CD contains the file `modref1` which is a sample of this interface.

The following table describes the fields in the `Load Referential Integrity Relation Information` sequential file:

| Field          | Type | Maximum Length | Description   | Mandatory |
|----------------|------|----------------|---|-----------|
| Parent_Creator | CHAR | 128            | parent Table Creator  | Yes       |
| Parent_Table   | CHAR | 128            | parent table name   | Yes       |
| Parent_Field   | CHAR | 30             | parent column name  | Yes       |
| Child_Creator  | CHAR | 128            | child table creator   | Yes       |
| Child_Table    | CHAR | 128            | child table name  | Yes       |
| Child_Field    | CHAR | 30             | child column name   | Yes       |
| File_Type      | CHAR | 04             | file type   | No        |
| Relation_Name  | CHAR | 18             | Name of relation. Suggested if you have to identify different set of fields belonging to the same file, that describe a different relation. | No        |
| Db_name        | CHAR | 128            | database name for distributed data  | No        |



**Important:** Every line must end with four semicolons. For example:

```
NRT400W;CUSTOMER;COD_CUS;NRT400W;ACCOUNT;COD_CUS;;;
NRT400W;ACCOUNT;OFF_NUM;NRT400W;CCARD;OFF_NUM;;;
```

## Import Classification from Data Dictionary

The `Import Classification from Data Dictionary` sequential file is used for the layout of a sequential file in text format and is populated during the `Class Assignment` phase from the flat file interface. The `Sample data` folder on the installation CD contains the file `modcla` which is a sample of this interface.

The following table describes the columns in the `Import Classification from Data Dictionary` sequential file:


| Column  | Type      | Maximum Length | Domain    | Mandatory                                    |
|---------|-----------|----------------|-----------|--|
| FILTYPE | CHARACTER | 4              | file type | Yes (values: DB2, SEQ, DL/I, ADA, GDG, VSAM) |
| FILLIB  | CHARACTER | 128            | DB2 owner | Yes (only for DB2)                           |



| Column    | Type      | Maximum Length | Domain  | Mandatory                                 |
|-----------|-----------|----------------|---|---|
| FILNAME   | CHARACTER | 128            | file name   | Yes                                       |
| FLDNAME   | CHARACTER | 30             | field name  | Yes                                       |
| DRCLATYPE | CHARACTER | 7              | class short description   | Yes                                       |
| DSCLATYPE | CHARACTER | 30             | class description   | Yes                                       |
| FILVER    | INTEGER   | 3              | file version  | No (if not present it is assumed to be 0) |
| RECFMT    | CHARACTER | 10             | record format   | Yes (only for multiformat files)          |
| EUROSENS  | CHARACTER | 1              | highlight flag  | No  |
| PRIMCLS   | INTEGER   | 3              | primary class   | No  |
| DATATYP   | CHARACTER | 1              | data type: <ul style="list-style-type: none"> <li>• N=Numeric</li> <li>• A=Alpha</li> <li>• E=Edit</li> <li>• B=Binary</li> <li>• P=Packed</li> </ul> | Yes                                       |
| LENMIN    | INTEGER   | 5              | minimum length  | No  |
| LENMAX    | INTEGER   | 5              | maximum length  | No  |
| INTMIN    | INTEGER   | 3              | minimum integer   | No  |
| INTMAX    | INTEGER   | 3              | maximum Integer   | No  |
| DECMIN    | INTEGER   | 3              | minimum decimal   | No  |
| DECMAX    | INTEGER   | 3              | maximum decimal   | No  |
| SUPCLASS  | CHARACTER | 1              | super class   | No  |
| EDITMSK   | CHARACTER | 32             | edit mask   | No  |
| FLCARD    | CHARACTER | 3              | cardinality   | No  |

## IMPSRC - Modified Sources

The IMPSRC sequential file is used for the layout of a sequential file in text format and is populated during the Life Cycle phase (Changed Files Identification (Guided)).

 **Note:** For known restrictions pertaining to the *Life Cycle* process, see the chapter *Life Cycle Introduction* in the *Micro Focus Data Express – Life Cycle Guide*.

## HEADER

The following table describes the columns in the IMPSRC sequential file:

| Column   | Type      | Displacement | Length | Domain                   |
|----------|-----------|--------------|--------|--------------------------|
| FILETYPE | CHARACTER | 001-004      | 4      | DB2D or ADAD or SEQ      |
| CPYLIB   | CHARACTER | 005-132      | 128    | PDS name/owner           |
| CPYNAME  | CHARACTER | 133-260      | 128    | copybook name/table name |

| Column | Type      | Displacement | Length | Domain            |
|--------|-----------|--------------|--------|-------------------|
| FLELAB | CHARACTER | 261-261      | 1      | flag file new     |
| TSNAME | CHARACTER | 262-285      | 24     | tablespace name   |
| DBNAME | CHARACTER | 286-309      | 24     | database name     |
| OBID   | CHARACTER | 310-313      | 4      | OBID              |
| FILTXT | CHARACTER | 314-363      | 50     | text              |
| NUMREC | INTEGER   | 364-372      | 9      | number of records |
| RECLEN | INTEGER   | 373-377      | 5      | length of records |

## DETAIL

The following table describes the columns in the IMPSRC sequential file:

| Column    | Type      | Displacement | Length | Domain                     |
|-----------|-----------|--------------|--------|----------------------------|
| FILETYPE2 | CHARACTER | 001-004      | 4      | DB2T or ADAF               |
| FLDDISPL  | INTEGER   | 005-009      | 5      | Field Displacement         |
| FLDNAME   | CHARACTER | 010-039      | 30     | Field Name                 |
| FLDLEN    | INTEGER   | 040-044      | 5      | Field Length               |
| FLDINT    | INTEGER   | 045-047      | 3      | Field Integer              |
| FLDDEC    | INTEGER   | 048-050      | 3      | Field Decimal              |
| FLDTYPE   | CHARACTER | 051-051      | 1      | Field Type                 |
| CLATYPE   | INTEGER   | 052-055      | 4      | Field Class                |
| NULLCAP   | CHARACTER | 056-056      | 1      | Null Capable               |
| VARLEN    | CHARACTER | 057-057      | 1      | Field with Variable Length |
| FLDTEXT   | CHARACTER | 058-107      | 50     | Text                       |
| FILLER    | CHARACTER | 108-177      | 70     | Filler                     |

## Method List Interface

The method list interface is used to import and export method information, and must be provided as a sequential file defined as FB with record length 606.

The following tables describe the columns in the method list interface:

**Table 4: Method - header**

| Column    | Type      | Length | Decimal | Domain           |
|-----------|-----------|--------|---------|------------------|
| RECTYPE   | CHARACTER | 1      | 0       | Always set to M  |
| METHOD    | CHARACTER | 10     | 0       | Method name      |
| METHODTXT | CHARACTER | 50     | 0       | Method text      |
| DTCALC    | CHARACTER | 8      | 0       | Calculation date |
| GROUPNAME | CHARACTER | 10     | 0       | Group            |
| CREATOR   | CHARACTER | 10     | 0       | Creator          |

| Column    | Type      | Length | Decimal | Domain               |
|-----------|-----------|--------|---------|----------------------|
| ACTIVE    | CHARACTER | 1      | 0       | Active flag          |
| COMPLETED | CHARACTER | 1      | 0       | Completed flag       |
| MTHDOC    | CHARACTER | 254    | 0       | Method documentation |

**Table 5: Method - elaboration**

| Column      | Type      | Length | Decimal | Domain                            |
|-------------|-----------|--------|---------|-----------------------------------|
| RECTYPE     | CHARACTER | 1      | 0       | Always set to E                   |
| FILTYPE     | CHARACTER | 4      | 0       | Data store type                   |
| FILNAME     | CHARACTER | 128    | 0       | Data store name                   |
| FILLIB      | CHARACTER | 128    | 0       | Schema name or DBD name           |
| FILVER      | INTEGER   | 3      | 0       | GDG version (0 for non-GDG)       |
| RECFMT      | CHARACTER | 10     | 0       | Record format                     |
| STEP        | INTEGER   | 4      | 0       | Step                              |
| OUTCLATYPE  | INTEGER   | 4      | 0       | Output class id                   |
| OUTCLA      | CHARACTER | 30     | 0       | Output class                      |
| OUTPRG      | INTEGER   | 4      | 0       | Output progressive                |
| OUTFLDRECID | INTEGER   | 9      | 0       | Output field id                   |
| OUTFLDNAME  | CHARACTER | 30     | 0       | Output field                      |
| OUTREC      | CHARACTER | 1      | 0       | Website record flag               |
| INCLATYPE   | INTEGER   | 4      | 0       | Input class id                    |
| INCLA       | CHARACTER | 30     | 0       | Input class                       |
| INPRG       | INTEGER   | 4      | 0       | Input prg                         |
| INFLDRECID  | INTEGER   | 9      | 0       | Input field id                    |
| INFLDNAME   | CHARACTER | 30     | 0       | Input field id                    |
| FLELAB      | CHARACTER | 1      | 0       | Status flag                       |
| WRTREC      | INTEGER   | 9      | 0       | Number of written records         |
| ANDFILT     | INTEGER   | 4      | 0       | AND filter flag                   |
| PROCIDINP   | CHARACTER | 5      | 0       | Input process id                  |
| UNLINPTYP   | CHARACTER | 4      | 0       | Input file type                   |
| UNLINPNAM   | CHARACTER | 44     | 0       | Input file name                   |
| UNLINPVER   | INTEGER   | 3      | 0       | Input file version (for GDG only) |
| FMTSEL      | CHARACTER | 8      | 0       | Format selector                   |
| SLTPGM      | CHARACTER | 8      | 0       | Discard program                   |
| UNLOUTTYP   | CHARACTER | 4      | 0       | Output file type                  |
| UNLOUTNAM   | CHARACTER | 44     | 0       | Output file name                  |

| Column    | Type      | Length | Decimal | Domain                          |
|-----------|-----------|--------|---------|---------------------------------|
| UNLOUTVER | INTEGER   | 3      | 0       | Output file name (for GDG only) |
| WRTPGM    | CHARACTER | 8      | 0       | Write program                   |

**Table 6: Method - limit**

| Column   | Type      | Length | Decimal | Domain                             |
|----------|-----------|--------|---------|------------------------------------|
| RECTYPE  | CHARACTER | 1      | 0       | Always set to L                    |
| WRNLIMIT | INTEGER   | 9      | 0       | Limit to number of written records |
| STRDATE  | CHARACTER | 8      | 0       | For future use                     |
| ENDDATE  | CHARACTER | 8      | 0       | For future use                     |
| STRTIME  | CHARACTER | 6      | 0       | For future use                     |
| ENDTIME  | CHARACTER | 6      | 0       | For future use                     |

**Table 7: Method - filter**

| Column   | Type      | Length | Decimal | Domain               |
|----------|-----------|--------|---------|----------------------|
| RECTYPE  | CHARACTER | 1      | 0       | Always set to F      |
| CLATYPE  | CHARACTER | 1      | 0       | Class type           |
| CLASS    | INTEGER   | 4      | 0       | Class description    |
| FLTPRG   | INTEGER   | 4      | 0       | Filter progressive   |
| FLTTYE   | CHARACTER | 1      | 0       | Filter type          |
| MACNBR   | INTEGER   | 4      | 0       | Macro number         |
| ROUTNAME | CHARACTER | 8      | 0       | Routine name         |
| FLTTXT   | CHARACTER | 50     | 0       | Filter text          |
| FLTDOC   | CHARACTER | 254    | 0       | Filter documentation |

**Table 8: Method - filter parameter**

| Column  | Type      | Length | Decimal | Domain                |
|---------|-----------|--------|---------|-----------------------|
| RECTYPE | CHARACTER | 1      | 0       | Always set to P       |
| CLATYPE | INTEGER   | 4      | 0       | Class type            |
| CLASS   | INTEGER   | 4      | 0       | Class description     |
| FLTPRG  | INTEGER   | 4      | 0       | Filter progressive    |
| PARMPRG | INTEGER   | 4      | 0       | Parameter progressive |
| VALUE   | CHARACTER | 254    | 0       | Parameter value       |

## Multi-format List Interface

The multi-format list interface is used to import and export multi-format information, and must be provided as a sequential file defined as FB with record length 157.

The following tables describe the columns in the multi-format list interface:

**Table 9: Multi-format list for SEQ and GDG**

| Column     | Type      | Length | Decimal | Domain              | Start offset | End offset |
|------------|-----------|--------|---------|---------------------|--------------|------------|
| FILTYPE    | CHARACTER | 4      |         | GDG or SEQ          | 1            | 4          |
| FILNAME    | CHARACTER | 50     |         | Data set name       | 6            | 55         |
| RECFMT     | CHARACTER | 10     |         | Record format       | 57           | 66         |
| CPYLIB     | CHARACTER | 44     |         | Copybook library    | 68           | 111        |
| CPYNAME    | CHARACTER | 10     |         | Copybook name       | 113          | 122        |
| IOAREANAME | CHARACTER | 30     |         | I/O area name       | 124          | 153        |
| IOAREAPRG  | CHARACTER | 3      |         | I/O are progressive | 155          | 157        |

**Table 10: Multi-format list for VSAM**

| Column     | Type      | Length | Decimal | Domain              | Start offset | End offset |
|------------|-----------|--------|---------|---------------------|--------------|------------|
| FILTYPE    | CHARACTER | 4      |         | VSAM                | 1            | 4          |
| FILNAME    | CHARACTER | 50     |         | Data set name       | 6            | 55         |
| RECFMT     | CHARACTER | 10     |         | Record format       | 57           | 66         |
| CPYLIB     | CHARACTER | 44     |         | Copybook library    | 68           | 111        |
| CPYNAME    | CHARACTER | 10     |         | Copybook name       | 113          | 122        |
| IOAREANAME | CHARACTER | 30     |         | I/O area name       | 124          | 153        |
| IOAREAPRG  | INTEGER   | 3      |         | I/O are progressive | 155          | 157        |

# Index

## A

ADABAS  
    API Load Sequential File - HEADER 94  
    Data Store - DETAIL 94  
ANDCHFLF 6  
ANENVCLS 6  
ANENVLST 6  
ANLICCHG 7  
ANLICLOG 7  
ANURDCLA 8  
ANURDFLC 9  
ANURDFLF 10  
ANURDFLN 11  
ANURDFXC 11  
ANURDFXF 12  
ANURDIMC 13  
ANURDIMG 14  
ANURDIXC 14  
ANURDLOG 14  
ANURDRFC 15  
ANURDSNC 15  
ANURDSPE 16  
ANURDSPN 16  
ANURDSTR 17

## D

DB2  
    Access from Unload 91  
    Direct Access – API Load Sequential File 89  
    Direct Access – DETAIL 90  
    Direct Access – HEADER 89  
DB2 Catalog Synchronization  
    EXTERNAL KEY 86  
    IMAGE COPY 86  
DB2 Catalog Synchronization Information  
    HEADER 85  
    INTERNAL KEY 85  
DDDTMCOL 17  
DDDTMDEC 17  
DDDTMREF 18  
DDDTMSTQ 18  
DDDTMTAG 18  
DL/I databases 93

## H

HSDCHCLA 18  
HSDCHFIL 19  
HSDGNCOD 19  
HSDGNDIR 19  
HSDGNDIZ 20  
HSDGNFIL 20  
HSDGNFLT 21  
HSDGNLAW 21  
HSENVCLB 21  
HSENVEXT 22  
HSENVFLT 22

HSENVGRP 23  
HSENVLMT 23  
HSENVMTM 23  
HSENVPAR 24  
HSENVPRN 24  
HSENVRRD 24  
HSENVRRH 24  
HSENVSEQ 25  
HSENVSTP 25  
HSLICCHG 26  
HSLICFIL 26  
HSLICFLD 27  
HSLICFTF 27  
HSLICLID 27  
HSLICSCD 28  
HSLICSTR 28  
HSLOGTAB 28  
HSSYSAUX 28  
HSSYSCKS 29  
HSSYSCOL 29  
HSSYSDAU 30  
HSSYSDBA 31  
HSSYSDEP 32  
HSSYSFKE 32  
HSSYSIND 32  
HSSYSIPA 33  
HSSYSKEY 34  
HSSYSRAU 35  
HSSYSREL 35  
HSSYSSYN 36  
HSSYSTAB 36  
HSSYSTAU 38  
HSSYSTPA 39  
HSSYSTSP 40  
HSSYSVDE 41  
HSSYSVIE 42  
HSURDAPP 42  
HSURDAUT 42  
HSURDCAR 43  
HSURDCJD 43  
HSURDCJH 43  
HSURDCLA 43  
HSURDCOL 44  
HSURDCOM 45  
HSURDCPY 45  
HSURDDFT 45  
HSURDEKY 46  
HSURDEXT 46  
HSURDFIL 47  
HSURDFIN 48  
HSURDICP 49  
HSURDINT 49  
HSURDJOB 49  
HSURDKEY 50  
HSURDLIC 50  
HSURDLOG 50  
HSURDMF 52  
HSURDMFD 52

HSURDMID 52  
HSURDNCC 52  
HSURDPID 53  
HSURDPRG 53  
HSURDPRO 53  
HSURDROU 54  
HSURDSYC 54  
HSURDSYT 55  
HSURDUE 55  
HSURDUEV 56  
HSURDUSR 56  
HSURDWES 62

## I

IMPSRC  
    DETAIL 98  
    HEADER 97

## L

Load Copy Information from External Interface  
    COBOL Decimal Separator Parameter 88  
    Copy Tolerance Parameter 88  
    Flag associate Parameter 88  
    Flag replace Parameter 88  
    Maximum Progressive of I/O Area Parameter 88  
    Statement Length in PL/I Source Parameter 88  
Load Copy Information from External Interface Sequential  
    File 87  
Load Data Store Information from External Interface 89  
Load Referential Integrity Relation Information 96

## M

MSURDLOG 56

## S

Sequential and GDG Databases 92

## T

Table and Column Descriptions 6

## U

USDCHADD 57

USDCHCOM 57  
USDHEMA 57  
USDCHNAC 58  
USDCHNAM 58  
USDCHSUC 58  
USDCHSUR 58  
USURDCBE 58  
USURDCBZ 59  
USURDDBM 59  
USURDFLC 60  
USURDIMP 60  
USURDRIR 61

## V

V1DCHFIL 62  
V1DCHFLF 64  
V1REP01 65  
V1REP02 66  
V1REP03 66  
V1REP04 66  
V1REP05 66  
V1REP06 67  
V1REP08 68  
V1REP09 69  
V1REP10 69  
V1REP11 70  
V1REP12 70  
V1REP13 70  
V1REP14 71  
V1REP15 71  
V1URDCPY 72  
V1URDFIL 72  
V1URDFLF 74  
V1URDIMC 75  
V1URDIMG 76  
V1URDLOG 76  
V1URDRFC 77  
V2URDFLF 77  
V3URDFLF 80  
VSAM 91

## X

XPURDFLC 82