

# Oracle® SDP Number Portability Technical Reference Manual

**RELEASE 11*i***

**August 2000**



Oracle® SDP Number Portability Technical Reference Manual  
Release 11i

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# Introduction

**T**he *Oracle SDP Number Portability Technical Reference Manual* provides the information you need to understand the underlying structure of Oracle SDP Number Portability. After reading this manual, you should be able to convert your existing applications data, integrate your existing applications with Oracle SDP Number Portability, and write custom reports for Oracle SDP Number Portability, as well as read data that you need to perform other tasks.

This chapter introduces you to the *Oracle SDP Number Portability Technical Reference Manual*, and explains how to use it.

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# Introduction

At Oracle, we design and build applications using Oracle Designer, our systems design technology that provides a complete environment to support developers through all stages of a systems life cycle. Because we use a repository-based design toolset, all the information regarding the underlying structure and processing of our applications is available to us online. Using Oracle Designer, we can present this information to you in the form of a technical reference manual.

This *Oracle SDP Number Portability Technical Reference Manual* contains detailed, up-to-date information about the underlying structure of Oracle SDP Number Portability. As we design and build new releases of Oracle SDP Number Portability, we update our Oracle Designer repository to reflect our enhancements. As a result, we can always provide you with an *Oracle SDP Number Portability Technical Reference Manual* that contains the latest technical information as of the publication date. Note that after the publication date we may have added new indexes to Oracle SDP Number Portability to improve performance.

## About this Manual

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This manual describes the Oracle Customer Relationship Management (CRM) Applications Release 11i data model, as used by Oracle SDP Number Portability; it discusses the database we include with a fresh install of Oracle CRM Release 11i. If you have not yet upgraded to Release 11i, your database may differ from the database we document in this book.

You can contact your Oracle representative to confirm that you have the latest technical information for Oracle SDP Number Portability. You can also use *OracleMetaLink* which is accessible through Oracle's Support Web Center ([http://www.oracle.com/support/elec\\_sup](http://www.oracle.com/support/elec_sup)).

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## Finding the Latest Information

The *Oracle SDP Number Portability Technical Reference Manual* contains the latest information as of the publication date. For the latest information we encourage you to use *OracleMetaLink* which is accessible through Oracle's Support Web Center ([http://www.oracle.com/support/elec\\_sup](http://www.oracle.com/support/elec_sup)).

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## Audience

The *Oracle SDP Number Portability Technical Reference Manual* provides useful guidance and assistance to:

- Technical End Users
- Consultants
- Systems Analysts
- System Administrators
- Other MIS professionals

This manual assumes that you have a basic understanding of structured analysis and design, and of relational databases. It also assumes that you are familiar with Oracle Application Object Library and Oracle SDP Number Portability. If you are not familiar with the above products, we suggest that you attend one or more of the training classes available through Oracle Education (see: Other Information Sources: page 1 – 7).

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## How This Manual is Organized

This manual contains two major sections, High-Level Design and Detailed Design.

### High-Level Design

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This section, Chapter 2, contains database diagrams and lists each database table and view that Oracle SDP Number Portability uses. This chapter also has a list of modules.

### Detailed Design

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This section, Chapter 3, contains a detailed description of the Oracle SDP Number Portability database design, including information about each database table and view you might need for your custom reporting or other data requirements.

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## How to Use This Manual

The *Oracle SDP Number Portability Technical Reference Manual* is a single, centralized source for all the information you need to know about the underlying structure and processing of Oracle SDP Number Portability. For example, you can use this manual when you need to:

- Convert existing application data
- Integrate your Oracle SDP Number Portability application with your other applications systems
- Write custom reports
- Define alerts against Oracle Applications tables
- Configure your Oracle Self-Service Web Applications
- Create views for decision support queries using query tools
- Create business views for Oracle Discoverer

You need not read this manual cover to cover. Use the table of contents and index to quickly locate the information you need.

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## How Not To Use This Manual

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### **Do not use this manual to plan modifications**

You should not use this manual to plan modifications to Oracle SDP Number Portability. Modifying Oracle SDP Number Portability limits your ability to upgrade to future releases of your Oracle SDP Number Portability application. In addition, it interferes with our ability to give you the high-quality support you deserve.

We have constructed Oracle SDP Number Portability so that you can customize it to fit your needs without programming, and you can integrate it with your existing applications through interface tables. However, should you require program modifications, you should contact our support team (see: Other Information Sources: page 1 – 7). They can put you in touch with Oracle Services, the professional consulting organization of Oracle. Their team of experienced applications professionals can make the modifications you need while ensuring upward compatibility with future product releases.

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### **Do not write data into non-interface tables**

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Oracle reserves the right to change the structure of Oracle Applications tables, and to change the meaning of, add, or delete lookup codes and data in future releases. Do not write data directly into or change data in non-interface tables using SQL\*Plus or other programming tools because you risk corrupting your database and interfering with our ability to support you.

Moreover, this version of the *Oracle SDP Number Portability Technical Reference Manual* does not contain complete information about the dependencies between Oracle SDP Number Portability applications tables. Therefore, you should write data into only those tables we identify as interface tables. If you write data into other non-interface tables, you risk violating your data integrity since you might not fulfill all the data dependencies in your Oracle SDP Number Portability application.

You are responsible for the support and upgrade of the logic within the procedures that you write, which may be affected by changes between releases of Oracle Applications.

### **Do not rely on upward compatibility of the data model**

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Oracle reserves the right to change the structure of Oracle SDP Number Portability tables, and to change the meaning of, add, or delete lookup codes and other data in future releases. We do not guarantee the upward compatibility of the Oracle SDP Number Portability data model. For example, if you write a report that identifies concurrent requests that end in Error status by selecting directly from Oracle Application Object Library tables, we do not guarantee that your report will work properly after an upgrade.

---

## **About Oracle Application Object Library**

The *Oracle SDP Number Portability Technical Reference Manual* may contain references to tables that belong to Oracle Application Object Library. Oracle Application Object Library is a collection of pre-built application components and facilities for building Oracle Applications and extensions to Oracle Applications. Oracle Application Coding Standards use the Oracle Application Object Library and contains shared components including but not limited to -- forms, subroutines, concurrent programs and reports, database tables and objects, messages, menus, responsibilities, flexfield definitions and online help.



**Attention:** Oracle does not support *any* customization of Oracle Application Object Library tables or modules, not even by Oracle consultants. (Oracle Application Object Library tables generally have names beginning with FND\_%.)

Accordingly, this manual does not contain detailed information about most Oracle Application Object Library tables used by Oracle SDP Number Portability.

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## A Few Words About Terminology

The following list provides you with definitions for terms that we use throughout this manual:

### **Relationship**

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A relationship describes any significant way in which two tables may be associated. For example, rows in the Journal Headers table may have a one-to-many relationship with rows in the Journal Lines table.

### **Database Diagram**

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A database diagram is a graphic representation of application tables and the relationships between them.

### **Module**

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A module is a program or procedure that implements one or more business functions, or parts of a business function, within an application. Modules include forms, concurrent programs and reports, and subroutines.

### **Application Building Block**

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An application building block is a set of tables and modules (forms, reports, and concurrent programs) that implement closely-related database objects and their associated processing. Said another way, an application building block is a logical unit of an application.

### **QuickCodes**

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QuickCodes let you define general purpose, static lists of values for window fields. QuickCodes allow you to base your program logic on lookup codes while displaying user-friendly names in a list of values

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window. QuickCodes simplify name and language changes by letting you change the names your end users see, while the codes in your underlying programs remain the same.

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## **Form**

A form is a module comprised of closely related windows that are used together to perform a task. For example, the Enter Journals form in Oracle General Ledger includes the Enter Journals window, the Batch window, and the More Actions window among others. The Enter Journals window is the main window, and from it, you can use buttons to navigate to other windows in the form. The form name usually corresponds to the main window in the form, and is frequently a window you open directly from the Navigator.

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## **Other Information Sources**

### **Installation and System Administration**

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## **Training**

Oracle Education offers a complete set of training courses to help you and your staff master Oracle CRM Applications. We can help you develop a training plan that provides thorough training for both your project team and your end users. We will work with you to organize courses appropriate to your job or area of responsibility.

Training professionals can show you how to plan your training throughout the implementation process so that the right amount of information is delivered to key people when they need it the most. You can attend courses at any one of our many Educational Centers, or you can arrange for our trainers to teach at your facility. In addition, we can tailor standard courses or develop custom courses to meet your needs.

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## **Support**

From on-site support to central support, our team of experienced professionals provides the help and information you need to keep Oracle SDP Number Portability working for you. This team includes your Technical Representative, Account Manager, and Oracle's large staff of consultants and support specialists with expertise in your

business area, managing an Oracle server, and your hardware and software environment.

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## About Oracle

Oracle Corporation develops and markets an integrated line of software products for database management, applications development, decision support, and office automation, as well as Oracle Applications, an integrated suite of more than 75 software modules for financial management, supply chain management, manufacturing, project systems, human resources, and sales and service management.

Oracle products are available for mainframes, minicomputers, personal computers, network computers, and personal digital assistants, allowing organizations to integrate different computers, different operating systems, different networks, and even different database management systems, into a single, unified computing and information resource.

Oracle is the world's leading supplier of software for information management, and the world's second largest software company. Oracle offers its database, tools, and applications products, along with related consulting, education, and support services, in over 145 countries around the world.

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## Thank You

Thanks for using Oracle SDP Number Portability and this technical reference manual!

We appreciate your comments and feedback. After the Table of Contents of this manual is a Reader's Comment Form that you can use to explain what you like or dislike about Oracle SDP Number Portability or this technical reference manual. Mail your comments to the following address or call us directly at (650) 506-7000.

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U.S.A.





# High-Level Design

**T**his chapter presents a high-level design for Oracle SDP Number Portability that satisfies the business needs we specify during Strategy and Analysis. It contains database diagrams for Oracle SDP Number Portability application building blocks, lists of database tables and views, and a list of modules.

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## Overview of High-Level Design

During High-Level Design, we define the application components (tables, views, and modules) we need to build our application. We specify what application components should do without specifying the details of *how* they should do it.

You can refer to this High-Level Design chapter to quickly acquaint yourself with the tables, views, and modules that comprise Oracle SDP Number Portability applications. And, you can prepare yourself to understand the detailed design and implementation of Oracle SDP Number Portability.

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## Database Diagrams

The Database Diagrams section graphically represents all Oracle SDP Number Portability applications tables and the relationships between them, organized by building block.

Use this section to quickly learn what tables each Oracle SDP Number Portability application building block uses, and how those tables interrelate. Then, you can refer to the Table and View Definitions sections of Chapter 3 for more detailed information about each of those tables.

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## Table Lists

The Table List sections list the Oracle SDP Number Portability applications tables. Because a product might not include at least one table for each type, this Technical Reference Manual might not include each of the following sections.

### Public Tables

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Use the Public Table List section to quickly identify the tables you are most interested in. Then, you can refer to the Table and View Definitions sections of Chapter 3 for more detailed information about those tables.

In addition, this manual may contain full documentation for one or more of the following Application Object Library tables: FND\_DUAL, FND\_CURRENCIES, and FND\_COMMON\_LOOKUPS.

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## **Internal Tables**

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This section includes a list of private, internal tables used by Oracle SDP Number Portability; we do not provide additional documentation for these tables.

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## **View Lists**

The View List sections list the Oracle SDP Number Portability views, with one section for each type of view. Because a product might not include at least one view for each type, this Technical Reference Manual might not include each of the following sections.

Use this section to quickly identify the views you are most interested in. Then, you can refer to the Table and View Definitions sections of Chapter 3 for more detailed information about those views.

### **Public Views**

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This section lists views that may be useful for your custom reporting or other data requirements. The list includes a description of the view, and the page in Chapter 3 that gives detailed information about the public view.

### **Web Views**

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This section lists views that you may need to configure your Self-Service Web applications. The list includes a description of the view, and the page in Chapter 3 that gives detailed information about the web view.

### **Forms and Table Views**

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This section lists supplementary views that are not essential to the Release 11i data model, but simplify coding or improve performance for Oracle Developer.

### **Internal Views**

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This section includes each private, internal view that Oracle SDP Number Portability uses.

## Multiple Reporting Currency Views

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This list includes views that were created to support the Multiple Reporting Currencies feature.

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## Module List

The Module List section briefly describes each of the Oracle SDP Number Portability applications modules. This section lists forms, reports, and concurrent programs.

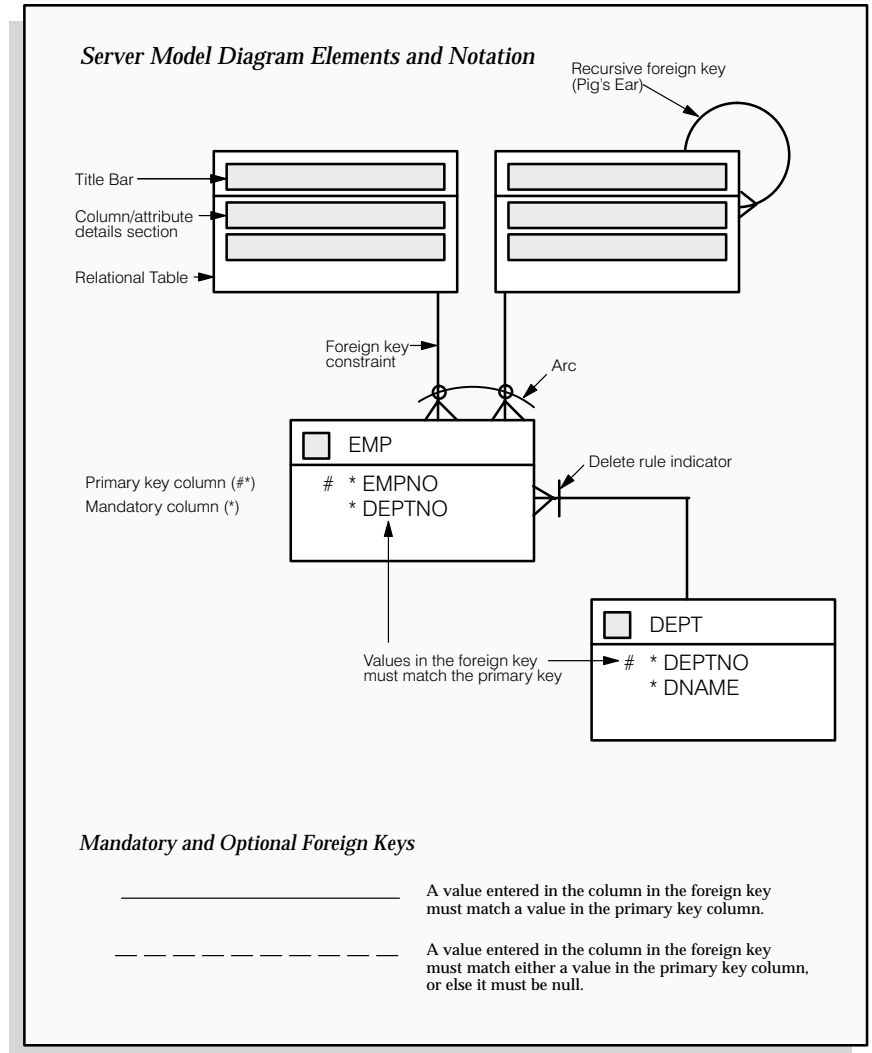
A form is a module comprised of closely related windows that are used together to perform a task. For example, the Enter Journals form in Oracle General Ledger includes the Enter Journals window, the Batch window, and the More Actions window. The Enter Journals window is the main window, and from it, you can use buttons to navigate to other windows in the form. The form name usually corresponds to the main window in the form, and is frequently a window you can open directly from the Navigator.

The Reports and Concurrent Programs lists include processes you can submit from the Submit Requests window or other windows, as well as processes that are submitted automatically by Oracle SDP Number Portability. Use your user's guide to learn more about reports and concurrent processes.

## Database Diagramming Conventions

We use the following notational conventions in our database diagrams:

**Figure 2 – 1**  
**Database Diagram**  
**Conventions**



**Tables** – are the basic unit of storage in the database. A hand symbol preceding the title in the table's title bar indicates that the table is not owned by this application but shared with another.

**Foreign key constraint** – is a type of referential integrity constraint for checking the integrity of data entered in a specific column or set of columns. This specified column or set of columns is known as the foreign key.

**Delete rule indicator** – determines the action to be taken when an attempt is made to delete a related row in a join table. A line through the foreign key constraint, as shown on the above diagram, indicates that this action is restricted.

**Arcs** – specify that, for any given row in a table, a value must be entered in one of the arc columns. The remaining columns within the arc must be null.

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## Database Diagrams

This section graphically represents most of the significant Oracle SDP Number Portability tables and the relationships between them, organized by building block. Use this section to quickly learn what tables each Oracle SDP Number Portability application building block uses, and how these tables interrelate. Then, you can refer to the Table and View Definitions sections of Chapter 3 for more detailed information about each of those tables.

This section contains a database diagram for each of the following Oracle SDP Number Portability application building blocks:

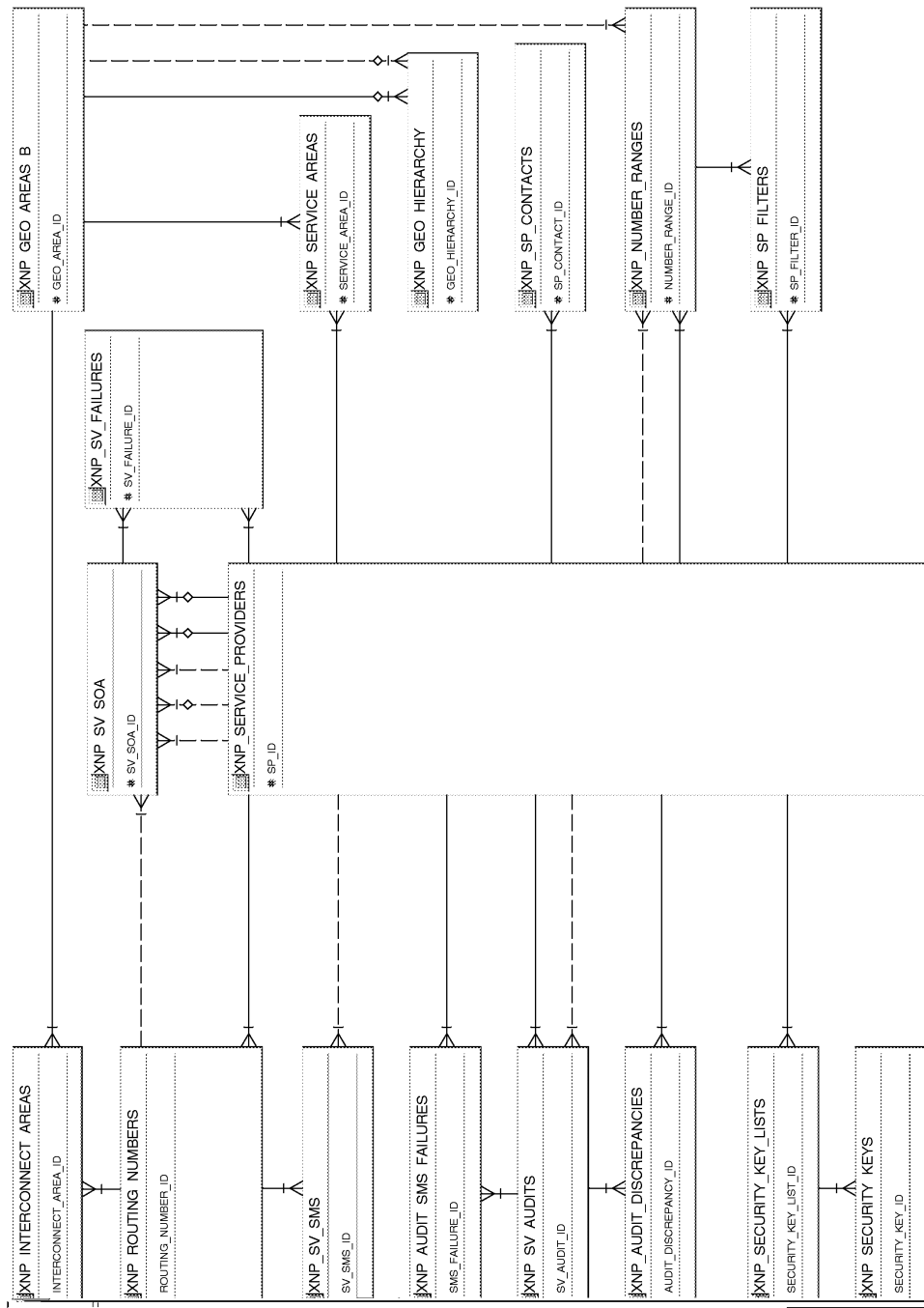
- Diagram 1: Common
- Diagram 2: NP
- Diagram 3: OP Integration
- Diagram 4: Messaging

Some tables, especially important reference tables, appear in more than one database diagram. When several building blocks use a table, we show that table in each appropriate database diagram.

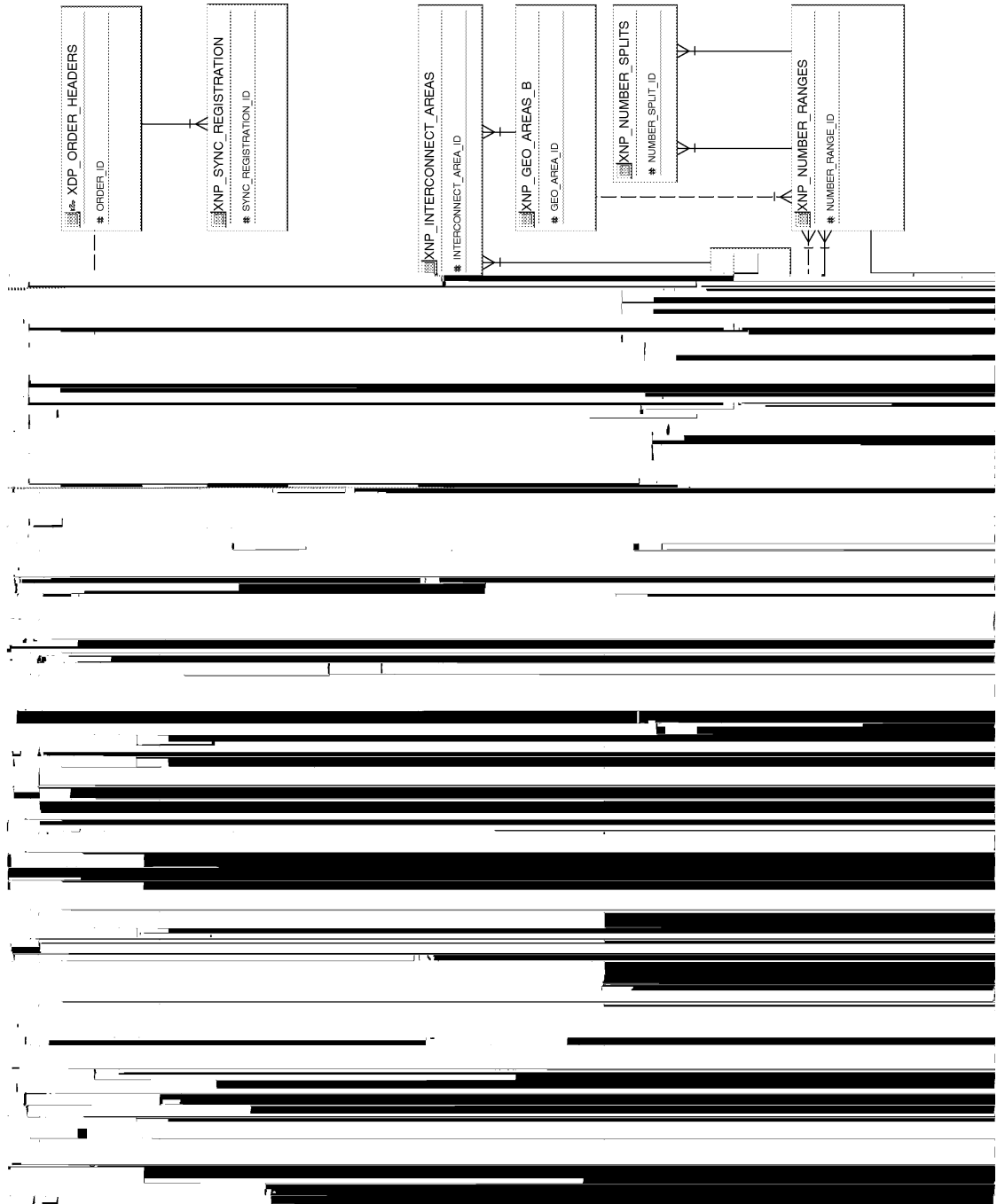
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### Common









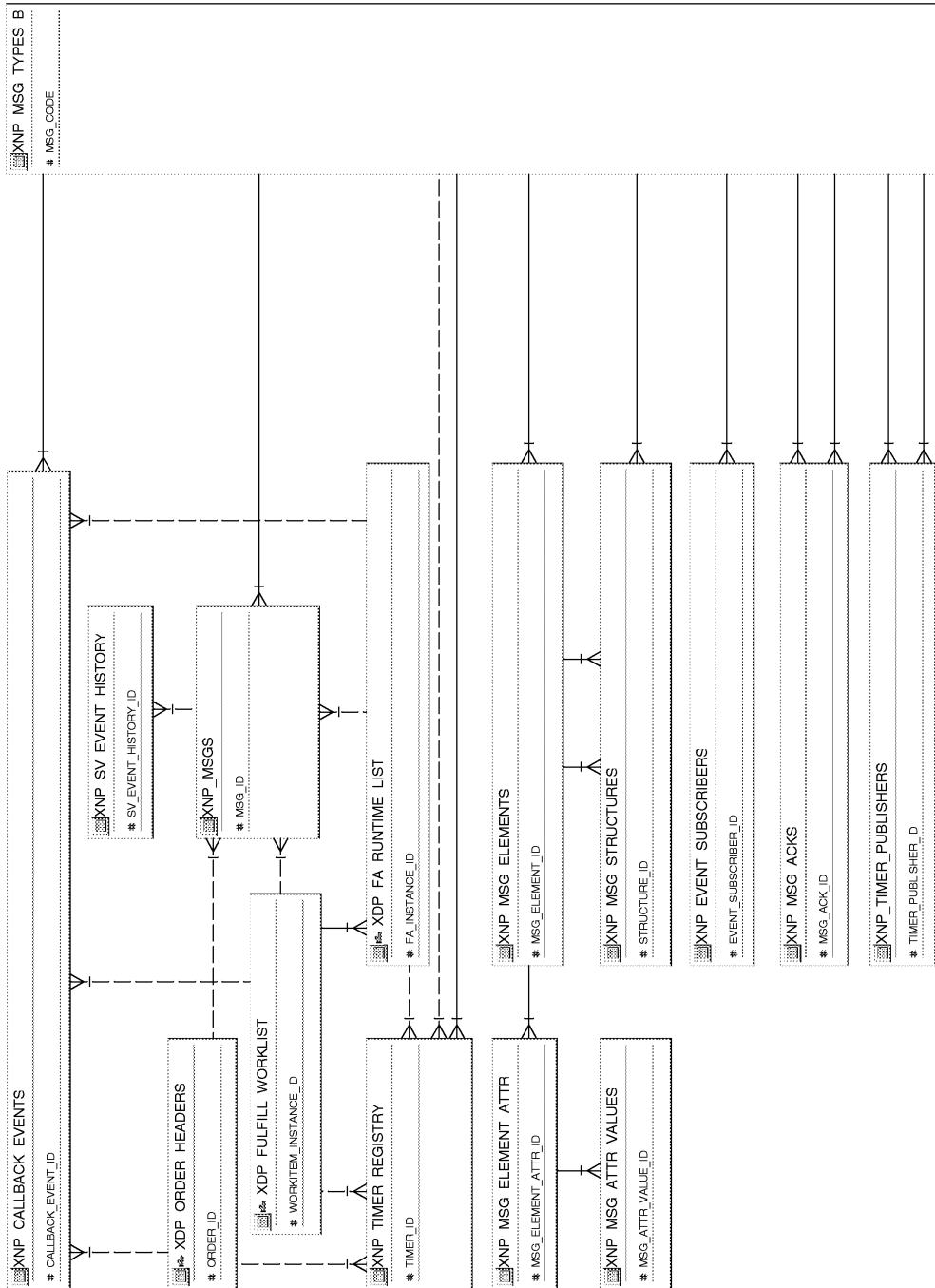
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## OP Integration



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## Messaging



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# Public Table List

This section lists each public database table that Oracle Number Portability uses and provides a brief description of each of those tables. The page reference is to the table description in Chapter 3.

Note that "public" tables are not necessarily intended for write access by custom code; Oracle Corporation supports write access using only standard Oracle Applications forms, reports, and programs, or any SQL write access to tables explicitly documented as API tables. For more information, see the How Not To Use This Manual section of this book's Introduction.

Oracle Number Portability uses the following Public tables:

Table Name	Description
XDP_FA_RUNTIME_LIST	This table contains the list of the FAs which need to be executed for a workitem instance. (See page 3 – 8)
XDP_FES	This table holds all the names of the Fulfillment Elements (Network Elements). This data contains the definition of a fulfillment element. (See page 3 – 10)
XDP_FULFILL_WORKLIST	This table identifies a list of services that need to be provisioned for the given order (See page 3 – 11)
XDP_ORDER_HEADERS	Order Headers (See page 3 – 13)
XNP_AUDIT_DISCREPANCIES	Stores mismatched network data for a given service provider and subscription version (See page 3 – 16)
XNP_AUDIT_SMS_FAILURES	Stores a list of service providers that failed to provide the requested audit information. This is an optional list in the audit results. (See page 3 – 18)
XNP_CALLBACK_EVENTS	Contains instances of message types for which one or more applications have registered (See page 3 – 19)
XNP_DEBUG	Stores general debug information in NP system (See page 3 – 21)
XNP_EVENT_SUBSCRIBERS	Stores a list of subscribers for a given message type (See page 3 – 22)
XNP_GEO_AREAS_B	Stores given geographic areas (See page 3 – 23)
XNP_GEO_AREAS_TL	Translation table to XNP_GEO_AREAS_B (See page 3 – 24)

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XNP_GEO_HIERARCHY	Holds information about the geographic area hierarchy (See page 3 – 25)
XNP_INTERCONNECT_AREAS	Stores geographic area covered by a routing number (See page 3 – 26)
XNP_MSGS	Stores the actual instance of a message that passes over a network association (See page 3 – 27)
XNP_MSG_ACKS	Contains message relationships (See page 3 – 29)
XNP_MSG_ATTR_VALUES	Contains attribute values for XML message elements (See page 3 – 30)
XNP_MSG_ELEMENTS	Contains XML message elements (See page 3 – 31)
XNP_MSG_ELEMENT_ATTR	Contains attributes of XML elements (See page 3 – 33)
XNP_MSG_STRUCTURES	Contains the structural relationship or hierarchy of all the elements in the XML message (See page 3 – 34)
XNP_MSG_TYPES_B	Contains data dictionary for the message (See page 3 – 36)
XNP_MSG_TYPES_TL	Translation table to XNP_MSG_TYPES_B (See page 3 – 38)
XNP_NETWORK_MAPS	Stores the relationship between network elements (See page 3 – 39)
XNP_NUMBER_RANGES	Stores information about the characteristics of a service provider's telephone number ranges (See page 3 – 41)
XNP_NUMBER_SPLITS	Stores information about a number split including the old number range, new number range and algorithm to convert from the old number to the new number range (See page 3 – 43)
XNP_ROUTING_NUMBERS	Stores routing numbers which are used to deliver ported telephone numbers to the appropriate service provider (See page 3 – 44)
XNP_SERVED_NUM_RANGES	Stores the mapping of number ranges served by network element for each feature type (See page 3 – 46)
XNP_SERVICE_AREAS	Stores geographic areas served by a service provider (See page 3 – 48)
XNP_SERVICE_PROVIDERS	Stores service provider definitions (See page 3 – 49)

XNP_SP_ADAPTERS	Stores mapping of a service provider to an external system (See page 3 – 52)
XNP_SP_CONTACTS	Stores contact information for a service provider (See page 3 – 53)
XNP_SP_FILTERS	Stores the number ranges for which a service provider does not want to be informed of subscription broadcasts (See page 3 – 54)
XNP_SV_AUDITS	Stores all subscription audits issued from a service provider (See page 3 – 55)
XNP_SV_EVENT_HISTORY	Stores information about any kind of event on the porting number or message (See page 3 – 57)
XNP_SV_FAILURES	Stores a list of service providers that failed to download subscription version data (See page 3 – 58)
XNP_SV_ORDER_MAPPINGS	Stores event information associated with subscription versions or messages. (See page 3 – 61)
XNP_SV_SMS	Container object for subscription versions downloaded to the network (See page 3 – 64)
XNP_SV_SMS_FE_MAPS	Stores a list of fulfillment elements provisioned with subscription version data (See page 3 – 66)
XNP_SV_SOA	Container object for a porting request on a single telephone number (See page 3 – 73)
XNP_SV_SOA_JN	Journalling table for the XNP_SV_SOA table (See page 3 – 78)
XNP_SV_STATUS_TYPES_B	Subscription version status definition (See page 3 – 94)
XNP_SV_STATUS_TYPES_TL	Translation table to XNP_SV_STATUS_TYPES_B (See page 3 – 95)
XNP_SYNC_REGISTRATION	Maintains the state of synchronized workflows (See page 3 – 96)
XNP_TIMER_PUBLISHERS	Stores timers related to a message (See page 3 – 97)
XNP_TIMER_REGISTRY	Stores a list of all timers in progress (See page 3 – 98)

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## Public View List

This section lists each public database view that Oracle SDP Number Portability uses and provides a brief description of each of those views. These views may be useful for your custom reporting or other data requirements. The page reference is to the detailed view description in Chapter 3.

Oracle SDP Number Portability uses the following public views:

<b>View Name</b>	<b><u>Description</u></b>
XNP_SV_FE_MAPP_DETAILS_VL	Shows subscription version data provisioned on the fulfillment element (See page 3 – 60)
XNP_SV_ORDER_MAPP_DETAILS_VL	Shows the orders related to a given subscription version (See page 3 – 62)
XNP_SV_SMS_V	Shows porting information broadcasted by the NRC for the intention of network update (See page 3 – 68)
XNP_SV_SOA_VL	Shows porting information for a single telephone number (See page 3 – 82)

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## Multilingual View List

This section lists each MultiLingual database view that Oracle SDP Number Portability uses. MultiLingual views were created to allow certain seed data to be available in multiple national languages simultaneously.

Oracle SDP Number Portability uses the following Multilingual views:

- XNP\_GEO\_AREAS\_VL
- XNP\_MSG\_TYPES\_VL
- XNP\_SV\_STATUS\_TYPES\_VL

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## Module List

Oracle SDP Number Portability uses no additional forms, reports, or concurrent programs.



# Detailed Design

**T**his chapter presents a detailed design for implementing Oracle SDP Number Portability. It contains detailed definitions of tables and views that you may need to reference to write custom reports or use for other data extraction.

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## Overview of Detailed Design

During Detailed Design, we specify in detail how each applications component should work. We prepare detailed definitions of tables and views.

You can refer to this Detailed Design chapter to gain a detailed understanding of the underlying structure and processing of Oracle SDP Number Portability that enables you to:

- Convert existing application data
- Integrate your Oracle SDP Number Portability application with your other applications systems
- Write custom reports
- Define alerts against Oracle Applications tables
- Create views for decision support queries using query tools

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## Table and View Definitions

The Table and View Definitions section contains a detailed definition of Oracle SDP Number Portability applications tables. For each table, it provides information about primary keys, foreign keys, QuickCodes, indexes, triggers, and sequences. It also gives you a detailed description of each column and its characteristics. In addition, it provides the SQL statement that defines each view. Review this section to get a detailed understanding of what tables your Oracle SDP Number Portability application contains, and how it uses them to hold and access the information it needs.



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## Table and View Definitions

This section contains a detailed description of each Oracle SDP Number Portability table and view that you may need to reference. For each table, it presents detailed information about:

- Primary keys
- Foreign keys
- Column descriptions
- Indexes
- Oracle sequences
- Triggers
- View derivations

Because Oracle does not support customization of Oracle Application Object Library tables, we do not provide you with detailed information about them. Consequently, this section does not document all the FND\_% tables Oracle SDP Number Portability uses.

The following sections appear in each table or view description:

---

### Foreign Keys

To help you understand the relationships between tables, we list each foreign key contained in a table. For each foreign key in a table, we list the primary key table name (the table to which a foreign key refers), its corresponding primary key columns, and the foreign key columns that refer to those primary key columns.

When the primary key table has a composite primary key, we list each column of the composite key sequentially.

If a table contains two or more distinct foreign keys that refer to the same primary key table, we repeat the primary key table name and list each of the distinct foreign keys separately.

---

### QuickCodes Columns

When a database column contains a QuickCodes value, which we implement using a foreign key to FND\_LOOKUPS, MFG\_LOOKUPS, or to some other lookup table, we list the QuickCodes type (lookup

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type) to which the QuickCodes value must belong and a complete list of QuickCodes values and meanings. Some QuickCodes can be defined by you in the application. These values are designated as User-defined.

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## Column Descriptions

We list the important characteristics of each column in a table or view. These characteristics include whether the column is part of the table's primary key, whether Oracle8i requires a value for this column, and the data type of the column. We also give you a brief description of how Oracle SDP Number Portability uses the column.

When a column is part of a table's primary key, we append the notation (PK) to the name of that column.

To help you understand which columns Oracle SDP Number Portability uses and which columns it does not use, we alert you to any unused column. When no module uses a database column, we show one of the following legends in the Description column:

<b>Not currently used</b>	Oracle SDP Number Portability does not use this column, although the column might be used in a future release.
<b>No longer used</b>	Oracle SDP Number Portability no longer uses this column. AutoInstall installs this column. Subsequent versions of Oracle SDP Number Portability might not include this column.
<b>No longer installed</b>	Oracle SDP Number Portability no longer uses this column. If you <i>upgraded</i> your software from an earlier version, you may still have this column, depending upon whether you chose to delete it during an upgrade process. If you <i>install</i> Oracle SDP Number Portability, you do not have this column.

### Standard Who Columns

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Most Oracle SDP Number Portability tables contain standard columns to support \ **Row Who**. When your program or SQL\*Plus command selects a row from a table, use these columns to determine who last updated the row. If your program or SQL\*Plus command updates or

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inserts a row in an interface table, you must populate each of the five standard Who columns:

<b>LAST_UPDATE_DATE</b>	Date when a user last updated this row
<b>LAST_UPDATED_BY</b>	User who last updated this row (foreign key to FND_USER.USER_ID)
<b>CREATION_DATE</b>	Date when this row was created
<b>CREATED_BY</b>	User who created this row (foreign key to FND_USER.USER_ID)
<b>LAST_UPDATE_LOGIN</b>	Operating system login of user who last updated this row (foreign key to FND_LOGINS.LOGIN_ID). You should set this to NULL, or to 0 if NULL is not allowed

Since every table containing Who columns has several foreign keys to the tables FND\_USER and FND\_LOGINS, we do not include the foreign key columns LAST\_UPDATED\_BY, CREATED\_BY, or LAST\_UPDATE\_LOGIN in a table's list of foreign keys.

### **Additional Who Columns for Concurrent Programs**

---

Some Oracle SDP Number Portability tables also contain several additional Who columns to distinguish between changes a user makes with a form and changes a concurrent program makes. When a concurrent program updates or inserts a row in a table, the concurrent program populates the following additional Who columns:

<b>REQUEST_ID</b>	Concurrent request ID of program that last updated this row (foreign key to FND_CONCURRENT_REQUESTS.REQUEST_ID)
<b>PROGRAM_APPLICATION_ID</b>	Application ID of program that last updated this row (foreign key to FND_APPLICATION.APPLICATION_ID)
<b>PROGRAM_ID</b>	Program ID of program that last updated this row (foreign key to FND_CONCURRENT_PROGRAM.CONCURRENT_PROGRAM_ID)
<b>PROGRAM_UPDATE_DATE</b>	Date when a program last updated this row

Since every table containing these additional Who columns has several foreign keys to the tables FND\_CONCURRENT\_REQUESTS, FND\_APPLICATION, and FND\_CONCURRENT\_PROGRAM, we do not include the foreign key columns REQUEST\_ID, PROGRAM\_APPLICATION\_ID, or PROGRAM\_ID in a table's list of foreign keys.

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## Indexes

If an Oracle SDP Number Portability table uses an Oracle8i index, we list the database columns that comprise that index, in sequential order.

**Note:** The indexes we document in this manual correspond to unique keys we specified during product development and testing. In some cases, we may add additional indexes during the porting process to fine-tune performance on specific platforms; therefore, there may be minor differences between the indexes documented in this book and the indexes for production versions of Oracle SDP Number Portability.

---

## Sequences

Oracle SDP Number Portability uses Oracle8i sequence generators to generate unique integers. If any table column gets its value from an Oracle8i sequence generator, we list the name of the corresponding sequence generator and the name of the column that stores the unique integer.

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## Database Triggers

If a table has one or more active database triggers, we provide a brief explanation of each database trigger and when it fires.

---

## View Derivation

For each Oracle SDP Number Portability view you may need to reference, we include important elements from the SQL statement that

defines or creates a view. By studying this view definition, you can understand exactly how a view derives its contents.

## XDP\_FA\_RUNTIME\_LIST

This table contains the list of the FAs which need to be executed for a workitem instance.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XDP_FA_RESUBMISSION_LOG	RESUBMISSION_JOB_ID	RESUBMISSION_JOB_ID
XDP_FES	FE_ID	FE_ID
XDP_FULFILL_ACTIONS	FULFILLMENT_ACTION_ID	FULFILLMENT_ACTION_ID
XDP_FULFILL_WORKLIST	WORKITEM_INSTANCE_ID	WORKITEM_INSTANCE_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
STATE	XDP_PROCESS_STATE	XDP_LOOKUPS
	CANCELED	Canceled
	COMPLETED	Completed
	HOLD	On hold
	MERGED	Workitem has been merged into another workitem
	PREPROCESS	New
	READY	Ready for processing
	RUNNING	Running
STATUS_CODE	WAIT	Waiting to be processed
	XDP_STATUS_CODE	XDP_LOOKUPS
	ABORTED	Provisioning aborted
	COMPLETED	Completed successfully
	ERROR	Error
	IN PROGRESS	In progress
	PENDING	Pending
	SUCCESS	Success
	SUCCESS_WITH_OVERRIDE	Success with override

### Column Descriptions

Name	Null?	Type	Description
FA_INSTANCE_ID (PK)	NOT NULL	NUMBER	Fulfillment Action instance identifier
WORKITEM_INSTANCE_ID	NOT NULL	NUMBER	Associated work item instance identifier
FULFILLMENT_ACTION_ID	NOT NULL	NUMBER	Fulfillment Action identifier
STATUS_CODE	NOT NULL	VARCHAR2(40)	Current provisioning status of the Fulfillment Action instance
STATE	NOT NULL	VARCHAR2(40)	Current provisioning process state of the Fulfillment Action instance
FE_ID	NULL	NUMBER	Identifier of the Fulfillment Element to be provisioning on
FA_RUNTIME_MESSAGE_ID	NULL	RAW	A handle to an AQ runtime message
PROVISIONING_SEQUENCE	NULL	NUMBER	The provisioning sequence number of this Fulfillment Action instance within its associated work item execution
PRIORITY	NULL	NUMBER	Provisioning priority

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## XDP\_FES

XDP\_FES table holds all the names of the Fulfillment Elements (Network Elements). This data contains the definition of a Fulfillment Element. Example: FE or NE is a DMS200, a Cisco CPC, HA Server.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XDP_FE_TYPES	FETYPE_ID	FETYPE_ID

### Column Descriptions

Name	Null?	Type	Description
FE_ID (PK)	NOT NULL	NUMBER	Fulfillment Element identifier
FETYPE_ID	NOT NULL	NUMBER	Fulfillment Element Type identifier
FULFILLMENT_ELEMENT_NAME	NOT NULL	VARCHAR2(40)	Name of the Fulfillment Element
MAX_CONNECTION	NOT NULL	NUMBER	Maximum number of concurrent connections it allows
MIN_CONNECTION	NOT NULL	NUMBER	Minimum number of concurrent connections it allows
SESSION_CONTROLLER_ID	NULL	NUMBER	Future use.
VALID_DATE	NULL	DATE	Date indicating when the Fulfillment Element is active for use
INVALID_DATE	NULL	DATE	Date indicating when the Fulfillment Element is inactive for use
GEO_AREA_ID	NULL	NUMBER	Geographic area for the Fulfillment Element.
ROLE_NAME	NULL	VARCHAR2(100)	Group to be notified if problem occurs with the object.
NETWORK_UNIT_ID	NULL	NUMBER	Network Unit identifier for the Adapter
CREATION_DATE	NOT NULL	DATE	Standard WHO column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard WHO column
CREATED_BY	NOT NULL	NUMBER(15)	Standard WHO column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard WHO column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard WHO column

### Indexes

Index Name	Index Type	Sequence	Column Name
XDP_FES_N1	NOT UNIQUE	10	GEO_AREA_ID
XDP_FES_N2	NOT UNIQUE	5	FETYPE_ID
XDP_FES_U1	UNIQUE	5	FE_ID
XDP_FES_U2	UNIQUE	1	FE_ID
		2	FETYPE_ID
XDP_FES_U3	UNIQUE	5	FULFILLMENT_ELEMENT_NAME

### Sequences

Sequence	Derived Column
XDP_FES_S	FE_ID

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## XDP\_FULFILL\_WORKLIST

This table contains the list of all the workitems SDP order processor will execute for a given order. Workitems with the lowest provisioning sequence number will be executed first. All workitems in the list that have the same provisioning sequence number will be executed in parallel. It is possible to have workitems sequence number to be executed in parallel or sequential or a combination of both. Example: W1 1, W2 1, W3 2, W4 3, W5 3 => combination of sequential and parallel order execution, W1 and W2 will be executed in parallel and W3 will not execute until W1 and W2 have completed. Then W4 and W5 will be executed

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XDP_ORDER_LINE_ITEMS	LINE_ITEM_ID	LINE_ITEM_ID
XDP_ORDER_LINE_ITEMS	ORDER_ID	ORDER_ID
	LINE_NUMBER	LINE_NUMBER
XDP_WORKITEMS	WORKITEM_ID	WORKITEM_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
STATE	XDP_PROCESS_STATE	XDP_LOOKUPS
	CANCELED	Canceled
	COMPLETED	Completed
	HOLD	On hold
	MERGED	Workitem has been merged into another workitem
	PREPROCESS	New
	READY	Ready for processing
	RUNNING	Running
STATUS_CODE	WAIT	Waiting to be processed
	XDP_STATUS_CODE	XDP_LOOKUPS
	ABORTED	Provisioning aborted
	COMPLETED	Completed successfully
	ERROR	Error
	IN PROGRESS	In progress
	PENDING	Pending
	SUCCESS	Success
	SUCCESS_WITH_OVERRIDE	Success with override

### Column Descriptions

Name	Null?	Type	Description
WORKITEM_INSTANCE_ID (PK)	NOT NULL	NUMBER	Work item instance identifier
LINE_ITEM_ID	NOT NULL	NUMBER	Order line item identifier
ORDER_ID	NOT NULL	NUMBER	Current order ID
LINE_NUMBER	NOT NULL	NUMBER	The index number of the line within the order
WORKITEM_ID	NOT NULL	NUMBER	Work Item identifier
STATUS_CODE	NOT NULL	VARCHAR2(40)	Work Item instance provisioning status

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STATE	NOT NULL	VARCHAR2(40)	Work Item instance provisioning state
PROVISIONING_DATE	NOT NULL	DATE	The date when provisioning starts
WI_SEQUENCE	NOT NULL	NUMBER	The optional provisioning sequence among the order work items
WI_RUNTIME_MESSAGE_ID	NULL	RAW	A handle to a runtime AQ message
PRIORITY	NULL	NUMBER	Provisioning priority
DUE_DATE	NULL	DATE	The date when this work item is due
CUSTOMER_REQUIRED_DATE	NULL	DATE	Customer required date for the completion of the order
COMPLETION_DATE	NULL	DATE	The date when the provisioning is completed
CANCEL_PROVISIONING_DATE	NULL	DATE	The date when the order is cancelled
CANCELED_BY	NULL	VARCHAR2(40)	The user ID of who cancelled the order
HOLD_PROVISIONING_DATE	NULL	DATE	For future use
HELD_BY	NULL	VARCHAR2(40)	For future use
RESUME_PROVISIONING_DATE	NULL	DATE	For future use
RESUMED_BY	NULL	VARCHAR2(40)	For future use
WF_ITEM_TYPE	NULL	VARCHAR2(8)	the workflow item type for this work item instance
WF_ITEM_KEY	NULL	VARCHAR2(240)	the workflow item key for this work item instance
ERROR_REF_ID	NULL	NUMBER	A handle to the error table
MSGID	NULL	RAW	A handle to the work item process queue
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column - with the user id from FND_USER
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column - with the user id from FND_USER
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column

#### Indexes

Index Name	Index Type	Sequence	Column Name
XDP_FULFILL_WORKLIST_N1	NOT UNIQUE	20	ORDER_ID
		30	LINE_NUMBER
XDP_FULFILL_WORKLIST_N2	NOT UNIQUE	10	LINE_ITEM_ID
XDP_FULFILL_WORKLIST_N3	NOT UNIQUE	10	WORKITEM_ID
XDP_FULFILL_WORKLIST_U1	UNIQUE	5	WORKITEM_INSTANCE_ID
XDP_FULFILL_WORKLIST_U2	UNIQUE	1	WORKITEM_INSTANCE_ID
		2	WORKITEM_ID

#### Sequences

Sequence	Derived Column
XDP_FULFILL_WORKLIST_S	WORKITEM_INSTANCE_ID

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## XDP\_ORDER\_HEADERS

This is the general information of an order that is sent from an upstream system (Customer Care, Order Entry).

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
JEOPARDY_ENABLED_FLAG	XDP_YES_NO_FLAG_DEFAULT_NO	XDP_LOOKUPS
	N	No
	Y	Yes
ORDER_TYPE	XDP_ORDER_TYPE	XDP_LOOKUPS
	DRC	Demand Repair Center
	EXTERNAL	External system
	FMC	Fallout Management Center
	NP	Number Portability
STATE	XDP_PROCESS_STATE	XDP_LOOKUPS
	CANCELED	Canceled
	COMPLETED	Completed
	HOLD	On hold
	MERGED	Workitem has been merged into another workitem
	PREPROCESS	New
	READY	Ready for processing
	RUNNING	Running
	WAIT	Waiting to be processed
STATUS_CODE	XDP_STATUS_CODE	XDP_LOOKUPS
	ABORTED	Provisioning aborted
	COMPLETED	Completed successfully
	ERROR	Error
	IN PROGRESS	In progress
	PENDING	Pending
	SUCCESS	Success
	SUCCESS_WITH_OVERRIDE	Success with override

### Column Descriptions

Name	Null?	Type	Description
ORDER_ID (PK)	NOT NULL	NUMBER	Unique order identifier
EXTERNAL_ORDER_NUMBER	NOT NULL	VARCHAR2(40)	External order number
EXTERNAL_ORDER_VERSION	NULL	VARCHAR2(40)	External order version
STATUS_CODE	NOT NULL	VARCHAR2(40)	Order status code
STATE	NOT NULL	VARCHAR2(40)	State of the order
DATE_RECEIVED	NOT NULL	DATE	Date order is received in SDP
PROVISIONING_DATE	NOT NULL	DATE	Provisioning process date
ACTUAL_PROVISIONING_DATE	NULL	DATE	The actual date when order is provisioned
COMPLETION_DATE	NULL	DATE	Provisioning process completion date
CANCEL_PROVISIONING_DATE	NULL	DATE	Provisioning process cancellation date
CANCELED_BY	NULL	VARCHAR2(40)	Identification of user cancelling the provisioning process
HOLD_PROVISIONING_DATE	NULL	DATE	Future use
HELD_BY	NULL	VARCHAR2(40)	Future use

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RESUME_PROVISIONING_DATE	NULL	DATE	Future use
RESUMED_BY	NULL	VARCHAR2(40)	Future use
DUE_DATE	NULL	DATE	Internal date by which the provisioning process must be completed.
CUSTOMER_REQUIRED_DATE	NULL	DATE	Date by which the customer wants the provisioning process to be completed.
ORDER_ACTION	NULL	VARCHAR2(30)	Order action code
ORDER_SOURCE	NULL	VARCHAR2(40)	Source of origin for the order.
CUSTOMER_ID	NULL	NUMBER	Unique identifier for the customer
CUSTOMER_NAME	NULL	VARCHAR2(40)	Customer name
ORG_ID	NULL	NUMBER	Organization id
SERVICE_PROVIDER_ID	NULL	NUMBER	Unique service provider identification
TELEPHONE_NUMBER	NULL	VARCHAR2(40)	Telephone number for the customer.
PRIORITY	NULL	NUMBER	Priority for order. High priority orders are given preference in processing.
RELATED_ORDER_ID	NULL	NUMBER	Related order identifier
ORDER_TYPE	NULL	VARCHAR2(40)	Future use
ERROR_REF_ID	NULL	NUMBER	Error reference identifier
NEXT_ORDER_ID	NULL	NUMBER	Identifier of the order needs to be processed after the completion of the current order
PREVIOUS_ORDER_ID	NULL	NUMBER	Identifier of the order needs to be completed before the execution of the current order
WF_ITEM_TYPE	NULL	VARCHAR2(8)	Workflow item type
WF_ITEM_KEY	NULL	VARCHAR2(240)	Workflow item key
ORDER_COMMENT	NULL	VARCHAR2(1996)	Comment associated with an order.
JEOPARDY_ENABLED_FLAG	NULL	VARCHAR2(1)	Indicator to denote if a jeopardy process is associated with the order.
ORDER_REF_NAME	NULL	VARCHAR2(80)	Order reference name
ORDER_REF_VALUE	NULL	VARCHAR2(300)	Order reference value
SP_ORDER_NUMBER	NULL	VARCHAR2(80)	Service Provider order number
SP_USERID	NULL	NUMBER(15)	Service provider identifier
MSGID	NULL	RAW	Unique message identifier
CREATED_BY	NOT NULL	NUMBER(15)	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard who column

#### Indexes

Index Name	Index Type	Sequence	Column Name
XDP_ORDER_HEADERS_N1	NOT UNIQUE	1	ORDER_REF_NAME
		2	ORDER_REF_VALUE
XDP_ORDER_HEADERS_N2	NOT UNIQUE	2	SP_ORDER_NUMBER
XDP_ORDER_HEADERS_U1	UNIQUE	5	ORDER_ID
XDP_ORDER_HEADERS_U2	UNIQUE	1	EXTERNAL_ORDER_NUMBER
		3	EXTERNAL_ORDER_VERSION

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Sequences

Sequence	Derived Column
XDP_ORDER_HEADERS_S	ORDER_ID

## XNP\_AUDIT\_DISCREPANCIES

XNP\_AUDIT\_DISCREPANCIES stores discrepancies between a subscription version and the data in a given service provider's network. Discrepancy reports are direct results of an audit. Network data of a subscription version typically includes a Routing Number(RN) and vertical services that are associated with a telephone line. Services may include Caller Naming (CNAM), Integrated Services Voice Mail (ISVM), Line Information Databases (LIDB) for calling card verification, Custom Local Area Signaling Services (CLASS), and Wireless Short Message Service Center(WSMSC). This table will not be used in the current release.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XNP_SERVICE_PROVIDERS	SP_ID	SP_ID
XNP_SV_AUDITS	SV_AUDIT_ID	AUDIT_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ERROR_CODE	XNP_DISCREPANCY_TYPE	XNP_LOOKUPS
	MISMATCH	Mismatch
	NOT_FOUND_LSMS	Not Found SMS
	NOT_FOUND_NPAC	Not Found NRC

### Column Descriptions

Name	Null?	Type	Description
AUDIT_DISCREPANCY_ID (PK)	NOT NULL	NUMBER	Audit discrepancy identifier
AUDIT_ID	NOT NULL	NUMBER	Audit identifier
SP_ID	NOT NULL	NUMBER	Service Provider Identifier where discrepancy is found.
SUBSCRIPTION_TN	NOT NULL	VARCHAR2(20)	Telephone number for which discrepancy is found.
ERROR_CODE	NULL	VARCHAR2(15)	Indicates the error code
ROUTING_NUMBER	NULL	VARCHAR2(20)	Switch to which the number is ported.
CNAM_ADDRESS	NULL	VARCHAR2(80)	CNAM network address for the subscription version.
CNAM_SUBSYSTEM	NULL	VARCHAR2(80)	CNAM application subsystem for the subscription version.
ISVM_ADDRESS	NULL	VARCHAR2(80)	ISVM network address for the subscription version.
ISVM_SUBSYSTEM	NULL	VARCHAR2(80)	ISVM application subsystem for the subscription version.
LIDB_ADDRESS	NULL	VARCHAR2(80)	LIDB network address for the subscription version.
LIDB_SUBSYSTEM	NULL	VARCHAR2(80)	LIDB application subsystem for the subscription version.
CLASS_ADDRESS	NULL	VARCHAR2(80)	CLASS network address for the subscription version.
CLASS_SUBSYSTEM	NULL	VARCHAR2(80)	CLASS application subsystem for the subscription version.
WSMSC_ADDRESS	NULL	VARCHAR2(80)	WSMSC network address for the subscription version.

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WSMSC_SUBSYSTEM	NULL	VARCHAR2(80)	WSMSC application subsystem for the subscription version.
RN_ADDRESS	NULL	VARCHAR2(80)	RN network address for the subscription version.
RN_SUBSYSTEM	NULL	VARCHAR2(80)	RN application subsystem for the subscription version.
EXT_ROUTING_NUMBER	NULL	VARCHAR2(20)	External switch to which the number is ported.
EXT_CNAM_ADDRESS	NULL	VARCHAR2(80)	External CNAM network address for the subscription version.
EXT_CNAM_SUBSYSTEM	NULL	VARCHAR2(80)	External CNAM application subsystem for the subscription version.
EXT_ISVM_ADDRESS	NULL	VARCHAR2(80)	External ISVM network address for the subscription version.
EXT_ISVM_SUBSYSTEM	NULL	VARCHAR2(80)	External ISVM application subsystem for the subscription version.
EXT_LIDB_ADDRESS	NULL	VARCHAR2(80)	External LIDB network address for the subscription version.
EXT_LIDB_SUBSYSTEM	NULL	VARCHAR2(80)	External LIDB application subsystem for the subscription version.
EXT_CLASS_ADDRESS	NULL	VARCHAR2(80)	External CLASS network address for the subscription version.
EXT_CLASS_SUBSYSTEM	NULL	VARCHAR2(80)	External CLASS application subsystem for the subscription version.
EXT_WSMSC_ADDRESS	NULL	VARCHAR2(80)	External WSMSC network address for the subscription version.
EXT_WSMSC_SUBSYSTEM	NULL	VARCHAR2(80)	External WSMSC application subsystem for the subscription version.
EXT_RN_ADDRESS	NULL	VARCHAR2(80)	External RN network address for the subscription version.
EXT_RN_SUBSYSTEM	NULL	VARCHAR2(80)	External RN application subsystem for the subscription version.
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column

#### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_AUDIT_DISCREPANCIES_N1	NOT UNIQUE	1	SP_ID
XNP_AUDIT_DISCREPANCIES_U1	UNIQUE	5	AUDIT_DISCREPANCY_ID
XNP_AUDIT_DISCREPANCIES_U2	UNIQUE	2	SUBSCRIPTION_TN
		3	SP_ID
		4	AUDIT_ID
		5	ERROR_CODE

#### Sequences

Sequence	Derived Column
XNP_AUDIT_DISCREPANCIES_S	AUDIT_DISCREPANCY_ID

**XNP\_AUDIT\_SMS\_FAILURES**

XNP\_AUDIT\_SMS\_FAILURES stores a list of service providers that



## XNP\_CALLBACK\_EVENTS

XNP\_CALLBACK\_EVENTS stores a registry of callbacks for instances of message types (messages or events). This enables the Event Manager to invoke the callback procedure specified in the particular instance of the program which is awaiting the data rather than the default callback procedure which is specified as part of definition of the message type.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XDP_FA_RUNTIME_LIST	FA_INSTANCE_ID	FA_INSTANCE_ID
XDP_FULFILL_WORKLIST	WORKITEM_INSTANCE_ID	WI_INSTANCE_ID
XDP_ORDER_HEADERS	ORDER_ID	ORDER_ID
XNP_MSG_TYPES_B	MSG_CODE	MSG_CODE

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CLOSE_REQD_FLAG	XNP_YES_NO_FLAG_DEFAULT_YES	XNP_LOOKUPS
	N	No
	Y	Yes
STATUS	XNP_CALLBACK_STATUS	XNP_LOOKUPS
	CLOSED	Closed
	EXPIRED	Expired
	WAITING	Waiting

### Column Descriptions

Name	Null?	Type	Description
CALLBACK_EVENT_ID (PK)	NOT NULL	NUMBER	Callback registration identifier
MSG_CODE	NOT NULL	VARCHAR2(20)	Short name of the message or event that is expected
STATUS	NOT NULL	VARCHAR2(10)	Registration status. Application can register for one or more messages and each registration has a well defined status.
PROCESS_REFERENCE	NOT NULL	VARCHAR2(512)	Process that actually registered for this message. The process reference can be a workflow key, workflow item, workflow activity or all of them. This data will be passed to the callback procedure when delivering the message.
REGISTERED_TIMESTAMP	NOT NULL	DATE	Timestamp when this callback was registered.
CALLBACK_TYPE	NOT NULL	VARCHAR2(20)	Type for the Callback procedures. It can be PL/SQL, JAVA or external C procedures. The callback type is used by the Message Processor or the Event Manager to use the right invocation method on the callback procedure.
CALLBACK_PROC_NAME	NOT NULL	VARCHAR2(80)	The procedure to be invoked by the Message Processor for delivering the message.

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CALLBACK_TIMESTAMP	NULL	DATE	Date and time the message was delivered to the registered program.
REFERENCE_ID	NULL	VARCHAR2(80)	Unique identifier for which a message or an event is expected.
CLOSE_REQD_FLAG	NOT NULL	VARCHAR2(1)	Indicates if the registration should be closed after processing.
ORDER_ID	NULL	NUMBER	Order ID to which an event belongs
WI_INSTANCE_ID	NULL	NUMBER	Work Item Instance ID
FA_INSTANCE_ID	NULL	NUMBER	Fulfillment Action Instance ID
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who Column

#### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_CALLBACK_EVENTS_N1	NOT UNIQUE	1	MSG_CODE
XNP_CALLBACK_EVENTS_N2	NOT UNIQUE	5	FA_INSTANCE_ID
XNP_CALLBACK_EVENTS_N3	NOT UNIQUE	5	ORDER_ID
XNP_CALLBACK_EVENTS_N4	NOT UNIQUE	5	WI_INSTANCE_ID
XNP_CALLBACK_EVENTS_U1	UNIQUE	5	CALLBACK_EVENT_ID

#### Sequences

Sequence	Derived Column
XNP_CALLBACK_EVENTS_S	CALLBACK_EVENT_ID

## XNP\_DEBUG

XNP\_DEBUG stores general debug information in NP system.

### Column Descriptions

Name	Null?	Type	Description
DEBUG_ID (PK)	NOT NULL	NUMBER	Unique identifier for this SV failure.
DEBUG_LEVEL	NOT NULL	NUMBER	Debug level number
CONTEXT	NOT NULL	VARCHAR2(80)	Debug context data
DESCRIPTION	NULL	VARCHAR2(1996)	Description of debug
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column

### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_DEBUG_U1	UNIQUE	5	DEBUG_ID

### Sequences

Sequence	Derived Column
XNP_DEBUG_S	DEBUG_ID

## XNP\_EVENT\_SUBSCRIBERS

XNP\_EVENT\_SUBSCRIBERS stores the list of subscribers for a given event.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XDP_FES	FE_ID	FE_ID
XNP_MSG_TYPES_B	MSG_CODE	MSG_CODE

### Column Descriptions

Name	Null?	Type	Description
EVENT_SUBSCRIBER_ID (PK)	NOT NULL	NUMBER	Unique identifier assigned upon creation of the subscription version.
MSG_CODE	NOT NULL	VARCHAR2(20)	Short name for the message. The short name will be used as the package name for all the procedures that will be generated by the Message Builder. For example a message with a short name of K1 will have the package named as SDP\$K1.
FE_ID	NOT NULL	NUMBER	Subscriber's Fulfillment Element to which this event will be published.
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column

### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_EVENT_SUBSCRIBERS_N1	NOT UNIQUE	1	FE_ID
XNP_EVENT_SUBSCRIBERS_U1	UNIQUE	5	EVENT_SUBSCRIBER_ID
XNP_EVENT_SUBSCRIBERS_U2	UNIQUE	4	MSG_CODE
		5	FE_ID

### Sequences

Sequence	Derived Column
XNP_EVENT_SUBSCRIBERS_S	EVENT_SUBSCRIBER_ID

## XNP\_GEO\_AREAS\_B

XNP\_GEO\_AREAS\_B stores given geographic areas. There can be hierarchy of geographic areas. EXAMPLE: EU Europe, WE West Europe, PA Paris, US, United States of America, CA California SF San Francisco, LA Los Angeles In the context of NP, Geographic areas are used to describe the area covered by a Service provider, Routing Number and Number Range.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACTIVE_FLAG	XNP_YES_NO_FLAG_DEFAULT_YES	XNP_LOOKUPS
	N	No
	Y	Yes
GEO_AREA_TYPE_CODE	XNP_AREA_TYPE_CODE	XNP_LOOKUPS
	CITY	City
	COUNTRY	Country
	COUNTY	County
	MARKET	Market
	REGION	Region
	STATE	State
	USERDEF	User Defined
	ZIP	Zip Code

### Column Descriptions

Name	Null?	Type	Description
GEO_AREA_ID (PK)	NOT NULL	NUMBER	Geographic Area identifier
GEO_AREA_TYPE_CODE	NOT NULL	VARCHAR2(10)	Type of Geographic Area
CODE	NOT NULL	VARCHAR2(20)	Code for Geographic Area
ACTIVE_FLAG	NOT NULL	VARCHAR2(1)	Indicates if geographic area is active
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who Column

### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_GEO_AREAS_B_U1	UNIQUE	5	GEO_AREA_ID
XNP_GEO_AREAS_B_U2	UNIQUE	4	GEO_AREA_TYPE_CODE
		5	CODE

### Sequences

Sequence	Derived Column
XNP_GEO_AREAS_B_S	GEO_AREA_ID

## XNP\_GEO\_AREAS\_TL

XNP\_GEO\_AREAS\_TL is a translation table to XNP\_GEO\_AREAS\_B.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XNP_GEO_AREAS_B	GEO_AREA_ID	GEO_AREA_ID

### Column Descriptions

Name	Null?	Type	Description
GEO_AREA_ID (PK)	NOT NULL	NUMBER	Unique identifier for geographic area
LANGUAGE (PK)	NOT NULL	VARCHAR2(40)	Language
SOURCE_LANG	NOT NULL	VARCHAR2(40)	Source Language
DISPLAY_NAME	NOT NULL	VARCHAR2(40)	Display name of geographic area.
DESCRIPTION	NULL	VARCHAR2(1996)	Description of geographic area
CREATED_BY	NOT NULL	NUMBER(15)	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who Column

### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_GEO_AREAS_TL_U1	UNIQUE	3 5	LANGUAGE GEO_AREA_ID

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## XNP\_GEO\_HIERARCHY

XNP\_GEO\_HIERARCHY holds information about the Geographic Area hierarchy.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XNP_GEO_AREAS_B	GEO_AREA_ID	CHILD_GEO_AREA_ID
XNP_GEO_AREAS_B	GEO_AREA_ID	PARENT_GEO_AREA_ID

### Column Descriptions

Name	Null?	Type	Description
GEO_HIERARCHY_ID (PK)	NOT NULL	NUMBER	Geographic area hierarchy identifier
CHILD_GEO_AREA_ID	NOT NULL	NUMBER	Child Geographic area unique identifier
PARENT_GEO_AREA_ID	NOT NULL	NUMBER	Parent Geographic area Unique identifier
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who Column

### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_GEO_HIERARCHY_U1	UNIQUE	5	GEO_HIERARCHY_ID
XNP_GEO_HIERARCHY_U2	UNIQUE	4	PARENT_GEO_AREA_ID
		5	CHILD_GEO_AREA_ID

### Sequences

Sequence	Derived Column
XNP_GEO_HIERARCHY_S	GEO_HIERARCHY_ID

## XNP\_INTERCONNECT\_AREAS

XNP\_INTERCONNECT\_AREAS stores geographic area covered by a Routing Number. The geographic area covered by a Routing Number is known as an Interconnect Area.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XNP_GEO_AREAS_B	GEO_AREA_ID	GEO_AREA_ID
XNP_ROUTING_NUMBERS	ROUTING_NUMBER_ID	ROUTING_NUMBER_ID

### Column Descriptions

Name	Null?	Type	Description
INTERCONNECT_AREA_ID (PK)	NOT NULL	NUMBER	Interconnect area identifier .
ROUTING_NUMBER_ID	NOT NULL	NUMBER	Routing Number associated with the geographic area
GEO_AREA_ID	NOT NULL	NUMBER	Geographic area identifier
CREATED_BY	NOT NULL	NUMBER(15)	Standard who coloumn
CREATION_DATE	NOT NULL	DATE	Standard who coloumn
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard who coloumn
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who coloumn
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard who coloumn

### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_INTERCONNECT_AREAS_N1	NOT UNIQUE	1	GEO_AREA_ID
XNP_INTERCONNECT_AREAS_U1	UNIQUE	5	INTERCONNECT_AREA_ID
XNP_INTERCONNECT_AREAS_U2	UNIQUE	4	ROUTING_NUMBER_ID
		5	GEO_AREA_ID

### Sequences

Sequence	Derived Column
XNP_INTERCONNECT_AREAS_S	INTERCONNECT_AREA_ID



## XNP\_MSGS

XNP\_MSGS stores the actual instance of a message that passes over a network association.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XDP_FA_RUNTIME_LIST	FA_INSTANCE_ID	FA_INSTANCE_ID
XDP_FULFILL_WORKLIST	WORKITEM_INSTANCE_ID	WI_INSTANCE_ID
XDP_ORDER_HEADERS	ORDER_ID	ORDER_ID
XNP_MSG_TYPES_B	MSG_CODE	MSG_CODE

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DIRECTION_INDICATOR	XNP_DIRECTION_INDICATOR	XNP_LOOKUPS
	E	Event
	I	Inbound
	O	Outbound
	T	Timer
	XNP_MSG_STATUS	XNP_LOOKUPS
	FAILED	Failed
	PROCESSED	Processed
MSG_STATUS	READY	Ready
	REJECTED	Rejected
	TIMEOUT	Timed Out

### Column Descriptions

Name	Null?	Type	Description
MSG_ID (PK)	NOT NULL	NUMBER	Message Identifier
BODY_TEXT	NOT NULL	CLOB	Actual message content in XML format
MSG_CODE	NOT NULL	VARCHAR2(20)	Short name of the message
MSG_CREATION_DATE	NULL	DATE	Date and time the message was created and enqueued
DIRECTION_INDICATOR	NULL	VARCHAR2(1)	Indicates if the message was incoming or outgoing
REFERENCE_ID	NULL	VARCHAR2(1996)	Optional field that can be used to uniquely identify the message
OPP_REFERENCE_ID	NULL	VARCHAR2(1996)	Used by an external system to associate a response with the original message
MSG_VERSION	NULL	NUMBER	Version of the message
SENDER_NAME	NULL	VARCHAR2(40)	Name of the sending service provider
RECIPIENT_NAME	NULL	VARCHAR2(40)	Name of the recipient service provider
SEND_RCV_DATE	NULL	DATE	Date and time the message was successfully sent or received
MSG_STATUS	NULL	VARCHAR2(10)	Indicates whether a message is successfully sent or received. Used by the network adapter to retry sending a message if necessary.

DESCRIPTION	NULL	VARCHAR2(1996)	Textual description of the reason for not sending or receiveing a message
RETRIES	NULL	NUMBER	Number of attempts made to deliver this message. Reserved for future use.
ORDER_ID	NULL	NUMBER	Order to which this message belongs
WI_INSTANCE_ID	NULL	NUMBER	Work Item instance to which this message belongs
FA_INSTANCE_ID	NULL	NUMBER	Fullfilment action instance to which this message belongs
FE_NAME	NULL	VARCHAR2(40)	Fullfilment element that handles this message
ADAPTER_NAME	NULL	VARCHAR2(40)	Adapter name responsible for sending message to the remote system
UPDATED_BY_USER	NULL	VARCHAR2(40)	Application User who last updated the message
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who Column

#### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_MSGS_N1	NOT UNIQUE	1	MSG_CODE
XNP_MSGS_N2	NOT UNIQUE	2	ORDER_ID
		4	WI_INSTANCE_ID
XNP_MSGS_N3	NOT UNIQUE	5	WI_INSTANCE_ID
XNP_MSGS_N4	NOT UNIQUE	5	FA_INSTANCE_ID
XNP_MSGS_U1	UNIQUE	5	MSG_ID

#### Sequences

Sequence	Derived Column
XNP_MSGS_S	MSG_ID

## XNP\_MSG\_ACKS

XNP\_MSG\_ACKS stores the relationship between messages in the application. An outgoing message can result in one or more incoming messages. The information in this table can be used by the application process to register or wait for the resulting incoming messages.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XNP_MSG_TYPES_B	MSG_CODE	SOURCE_MSG_CODE
XNP_MSG_TYPES_B	MSG_CODE	ACK_MSG_CODE

### Column Descriptions

Name	Null?	Type	Description
MSG_ACK_ID (PK)	NOT NULL	NUMBER	Message Acknowledgement Identifier
SOURCE_MSG_CODE	NOT NULL	VARCHAR2(20)	Outgoing message type
ACK_MSG_CODE	NOT NULL	VARCHAR2(20)	Expected incoming message type
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Columns
CREATION_DATE	NOT NULL	DATE	Standard Who Columns
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Columns
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Columns
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who Columns

### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_MSG_ACKS_N1	NOT UNIQUE	1	SOURCE_MSG_CODE
XNP_MSG_ACKS_N2	NOT UNIQUE	1	ACK_MSG_CODE
XNP_MSG_ACKS_U1	UNIQUE	5	MSG_ACK_ID
XNP_MSG_ACKS_U2	UNIQUE	1	SOURCE_MSG_CODE
		3	ACK_MSG_CODE

### Sequences

Sequence	Derived Column
XNP_MSG_ACKS_S	MSG_ACK_ID

# XNP\_MSG\_ATTR\_VALUES

XNP\_MSG\_ATTR\_VALUES contains attribute values for XML message elements. This table will not be used in the current release and elements will not have attributes.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XNP_MSG_ELEMENT_ATTR	MSG_ELEMENT_ATTR_ID	MSG_ELEMENT_ATTR_ID

Column Descriptions

Name	Null?	Type	Description
MSG_ATTR_VALUE_ID (PK)	NOT NULL	NUMBER	Attribute value identifier
MSG_ELEMENT_ATTR_ID	NOT NULL	NUMBER	Message element attribute to which this attribute value belongs
ATTR_VALUE	NOT NULL	VARCHAR2(80)	Value of the attribute
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
XNP_MSG_ATTR_VALUES_N1	NOT UNIQUE	1	MSG_ELEMENT_ATTR_ID
XNP_MSG_ATTR_VALUES_U1	UNIQUE	5	MSG_ATTR_VALUE_ID

Sequences

Sequence	Derived Column
XNP_MSG_ATTR_VALUES_S	MSG_ATTR_VALUE_ID

## XNP\_MSG\_ELEMENTS

XNP\_MSG\_ELEMENTS stores a lookup of all elements in the message.  
A message is a collection of elements or attributes.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XNP_MSG_TYPES_B	MSG_CODE	MSG_CODE

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
MANDATORY_FLAG	XNP_YES_NO_FLAG_DEFAULT_YES	XNP_LOOKUPS
	N	No
PARAMETER_FLAG	XNP_YES_NO_FLAG_DEFAULT_NO	XNP_LOOKUPS
	Y	Yes
	N	No
	Y	Yes

### Column Descriptions

Name	Null?	Type	Description
MSG_ELEMENT_ID (PK)	NOT NULL	NUMBER	Message element identifier
MSG_CODE	NOT NULL	VARCHAR2(20)	The message to which the element belongs
NAME	NOT NULL	VARCHAR2(40)	Name of the element
MANDATORY_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate whether the element is mandatory or optional
PARAMETER_FLAG	NOT NULL	VARCHAR2(1)	Indicates if the element is a parameter in the generated procedure
ELEMENT_DATATYPE	NULL	VARCHAR2(80)	Data type of the message element
ELEMENT_DEFAULT_VALUE	NULL	VARCHAR2(80)	Default values for message element parameters
DATA_LENGTH	NULL	NUMBER	Maximum allowed length for the data
PARAMETER_SEQUENCE	NULL	NUMBER	Sequence in which parameters will appear in all the generated procedures
CREATED_BY	NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who Column

### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_MSG_ELEMENTS_N1	NOT UNIQUE	1	MSG_CODE
XNP_MSG_ELEMENTS_U1	UNIQUE	5	MSG_ELEMENT_ID
XNP_MSG_ELEMENTS_U2	UNIQUE	4	NAME
		5	MSG_CODE

*Sequences*

<u>Sequence</u>	<u>Derived Column</u>
XNP_MSG_ELEMENTS_S	MSG_ELEMENT_ID

## XNP\_MSG\_ELEMENT\_ATTR

XNP\_MSG\_ELEMENT\_ATTR contains attributes of Extensible Markup Language(XML) elements. XML is markup language for documents containing structured information. This table is used to store the attributes or context of a message element. This table will not be used in the current release and elements will not have attributes.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XNP_MSG_ELEMENTS	MSG_ELEMENT_ID	MSG_ELEMENT_ID

### Column Descriptions

Name	Null?	Type	Description
MSG_ELEMENT_ATTR_ID (PK)	NOT NULL	NUMBER	XML Message Element Attribute identifier
MSG_ELEMENT_ID	NOT NULL	NUMBER	XML Message Element identifier to which the attribute belongs
NAME	NOT NULL	VARCHAR2(40)	Element attribute name
ATTR_DATATYPE	NULL	VARCHAR2(40)	Data type of the element attribute
DATA_SOURCE_REFERENCE	NULL	VARCHAR2(1996)	Data source for the message element
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column

### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_MSG_ELEMENT_ATTR_N1	NOT UNIQUE	1	MSG_ELEMENT_ID
XNP_MSG_ELEMENT_ATTR_U1	UNIQUE	5	MSG_ELEMENT_ATTR_ID
XNP_MSG_ELEMENT_ATTR_U2	UNIQUE	4	MSG_ELEMENT_ATTR_ID
		5	NAME

### Sequences

Sequence	Derived Column
XNP_MSG_ELEMENT_ATTR_S	MSG_ELEMENT_ATTR_ID

## XNP\_MSG\_STRUCTURES

XNP\_MSG\_STRUCTURES contains the structural relationship or hierarchy of all elements in the Extensible Markup Language(XML) message. XML is a markup language for documents containing structured information. The information in this table is use to generate the SEND(), PUBLISH(), VALIDATE(), PROCESS() and DEFAULT\_PROCESS() procedures. The information in this table can also be used to generate the Document Type Definition(DTD). DTD is a series of definitions for element types, attributes, entities and notations.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XNP_MSG_ELEMENTS	MSG_ELEMENT_ID	PARENT_ELEMENT_ID
XNP_MSG_ELEMENTS	MSG_ELEMENT_ID	CHILD_ELEMENT_ID
XNP_MSG_TYPES_B	MSG_CODE	MSG_CODE

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
CARDINALITY	XNP_CARDINALITY	XNP_LOOKUPS
	ONE_ONLY	One and Only One
	ONE_OR_MORE	One or More
DATA_SOURCE_TYPE	XNP_SOURCE_TYPE	XNP_LOOKUPS
	ORDER	SDP Order Parameter
	PROCEDURE	PL/SQL Procedure
	SDP_FA	SDP Fulfillment Action Parameter
	SDP_WI	SDP Work Item Parameter
	SQL	SQL Query

### Column Descriptions

Name	Null?	Type	Description
STRUCTURE_ID (PK)	NOT NULL	NUMBER	Message structure identifier
PARENT_ELEMENT_ID	NOT NULL	NUMBER	Parent element identifier for the element
CHILD_ELEMENT_ID	NOT NULL	NUMBER	Child element identifier
MSG_CODE	NOT NULL	VARCHAR2(20)	Message that owns this structure
SEQUENCE_IN_PARENT	NULL	NUMBER	Sequence where the child element should occur in the parent element
CARDINALITY	NULL	VARCHAR2(20)	Indicates the cardinality of the element in the message
DATA_SOURCE	NULL	VARCHAR2(1996)	Data source for the message element. The actual SQL statement or the name of the procedure to be executed in order to retrieve data for this message element
DATA_SOURCE_TYPE	NULL	VARCHAR2(10)	Data source type for the message element. Data Source could be SQL Statement or a Procedure.

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DATA_SOURCE_REFERENCE	NULL	VARCHAR2(1996)	Defines the reference for the message element for which a SQL string is defined as the data source, with the aliases in the SELECT list.
ELEMENT_POSITION	NULL	NUMBER	Position of the element in the record layout of the FILE.
ELEMENT_ALIGNMENT	NULL	VARCHAR2(10)	Alignment of element - This column will not be used in the current release and is not supported
PADDING	NULL	VARCHAR2(10)	Padding of value - This column will not be used in the current release and is not supported
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column

#### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_MSG_STRUCTURES_N1	NOT UNIQUE	1	PARENT_ELEMENT_ID
XNP_MSG_STRUCTURES_N2	NOT UNIQUE	1	CHILD_ELEMENT_ID
XNP_MSG_STRUCTURES_U1	UNIQUE	5	STRUCTURE_ID
XNP_MSG_STRUCTURES_U2	UNIQUE	3	MSG_CODE
		4	CHILD_ELEMENT_ID
		5	PARENT_ELEMENT_ID

#### Sequences

Sequence	Derived Column
XNP_MSG_STRUCTURES_S	STRUCTURE_ID

## XNP\_MSG\_TYPES\_B

XNP\_MSG\_TYPES\_B stores the message information. The code generated for a message differs according to the type of the message. This table provides a lookup and serves as a data dictionary for the message.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
MSG_TYPE	XNP_MSG_TYPE	XNP_LOOKUPS
	EVENT	Event
	MSG	Message
	TIMER	Timer
PRIORITY	XNP_MSG_PRIORITY	XNP_LOOKUPS
	1	Very High
	2	High
	3	Medium
	4	Low
	5	Very Low
PROTECTED_FLAG	XNP_YES_NO_FLAG_DEFAULT_NO	XNP_LOOKUPS
	N	No
	Y	Yes
QUEUE_NAME	XNP_QUEUE_NAME	XNP_LOOKUPS
	XNP_IN_EVT_Q	Events Queue
	XNP_IN_MSG_Q	Inbound Message Queue
	XNP_IN_TMR_Q	Timers Queue
	XNP_OUT_MSG_Q	Outbound Message Queue
STATUS	XNP_COMPILE_STATUS	XNP_LOOKUPS
	COMPILED	Compiled
	UNCOMPILED	Uncompiled

### Column Descriptions

Name	Null?	Type	Description
MSG_CODE (PK)	NOT NULL	VARCHAR2(20)	Short name for the message
MSG_TYPE	NOT NULL	VARCHAR2(10)	Indicates the type of the message.
STATUS	NOT NULL	VARCHAR2(10)	Indicates the compilation status
PRIORITY	NOT NULL	NUMBER	Priority with which the message will be enqueued
QUEUE_NAME	NOT NULL	VARCHAR2(40)	Name of the Oracle8 Advanced queue on which the message or the event will be enqueued
PROTECTED_FLAG	NOT NULL	VARCHAR2(1)	Indicates if the message type is to be displayed to the user
ROLE_NAME	NULL	VARCHAR2(100)	Group to be notified if problem occurs with the object
LAST_COMPILED_DATE	NULL	DATE	Date and time on which this message was last successfully compiled
VALIDATE_LOGIC	NULL	VARCHAR2(1996)	Business logic to validate this message

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IN_PROCESS_LOGIC	NULL	VARCHAR2(1996)	Executes when there is an event waiting in the callback events procedure table(XNP_CALLBACK_EVENTS)
OUT_PROCESS_LOGIC	NULL	VARCHAR2(1996)	Business logic to process this outbound message.
DEFAULT_PROCESS_LOGIC	NULL	VARCHAR2(1996)	Executes when there is no event waiting in the callback events procedure table (XNP_CALLBACK_EVENTS)
DTD_URL	NULL	VARCHAR2(1996)	Stores the URL for the DTD of the message
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who Column

#### *Indexes*

Index Name	Index Type	Sequence	Column Name
XNP_MSG_TYPES_B_U1	UNIQUE	5	MSG_CODE

## XNP\_MSG\_TYPES\_TL

XNP\_MSG\_TYPES\_TL is a translation table to XNP\_MSG\_TYPES\_B.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XNP_MSG_TYPES_B	MSG_CODE	MSG_CODE

### Column Descriptions

Name	Null?	Type	Description
MSG_CODE (PK)	NOT NULL	VARCHAR2(20)	Short name for the message
LANGUAGE (PK)	NOT NULL	VARCHAR2(40)	Language for Multi Language Support.
SOURCE_LANG	NOT NULL	VARCHAR2(40)	Language the text will mirror. If text is not yet translated into LANGUAGE then any changes to the text in the source language row will be reflected here as well.
DISPLAY_NAME	NOT NULL	VARCHAR2(40)	Display name for the Message Type
DESCRIPTION	NULL	VARCHAR2(1996)	Description for the Message Type
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column

### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_MSG_TYPES_TL_U1	UNIQUE	4	MSG_CODE
		5	LANGUAGE

## XNP\_NETWORK\_MAPS

XNP\_NETWORK\_MAPS stores the relationship between network elements. When a number range is opened for porting, the network data in the switch serving the number range must be updated. Switches transfer control to STPs (Signal Transfer Point) for resolving address and database queries. Every switch is served by its home STP as the primary and a mated STP for backup. When a number range is open for porting, the STP should also be provisioned with the address of the SCP (Service Control Point). The SCP will resolve all routing information queries for the given number range. The network mapping gives the info about which switch is connected to which STP or SCP. This tool can be used to identify all related network elements which need an update when a number range is opened to portability.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XDP_FES	FE_ID	CHILD_FE_ID
XDP_FES	FE_ID	PARENT_FE_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
MAP_TYPE	XNP_NETWORK_MAP_TYPE SERVED_BY	XNP_LOOKUPS Served By

### Column Descriptions

Name	Null?	Type	Description
NETWORK_MAP_ID (PK)	NOT NULL	NUMBER	Network Map identifier
MAP_TYPE	NOT NULL	VARCHAR2(10)	Map Type
PARENT_FE_ID	NOT NULL	NUMBER	Fulfillment Element for mapping or Network Element for mapping.
CHILD_FE_ID	NOT NULL	NUMBER	Fulfillment Element or Network Element for mapping.
CREATED_BY	NOT NULL	NUMBER(15)	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATE_LOGIN		NULL NUMBER(15)	Standard who column

### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_NETWORK_MAPS_N1	NOT UNIQUE	1	CHILD_FE_ID
XNP_NETWORK_MAPS_U1	UNIQUE	5	NETWORK_MAP_ID
XNP_NETWORK_MAPS_U2	UNIQUE	5	PARENT_FE_ID
		7	CHILD_FE_ID
		10	MAP_TYPE



## XNP\_NUMBER\_RANGES

XNP\_NUMBER\_RANGES stores information about the characteristics of a service provider TN ranges.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XNP_GEO_AREAS_B	GEO_AREA_ID	GEO_AREA_ID
XNP_SERVICE_PROVIDERS	SP_ID	OWNING_SP_ID
XNP_SERVICE_PROVIDERS	SP_ID	ASSIGNED_SP_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACTIVE_FLAG	XNP_YES_NO_FLAG_DEFAULT_YES	XNP_LOOKUPS
	N	No
	Y	Yes
GEO_INDICATOR	XNP_GEO_INDICATOR	XNP_LOOKUPS
	GEO	Geographic
	NON_GEO	Non Geographic
MOBILE_INDICATOR	XNP_MOBILE_INDICATOR	XNP_LOOKUPS
	FIXED	Fixed
	MOBILE	Mobile
POOLED_FLAG	XNP_YES_NO_FLAG_DEFAULT_NO	XNP_LOOKUPS
	N	No
	Y	Yes
PORTED_INDICATOR	XNP_PORTED_INDICATOR	XNP_LOOKUPS
	NON_PORTED	Non Ported Yet
	PORTED_IN_USE	Ported - In Use
	PORTED_UNUSED	Ported - Not Used Yet
	UNPORTABLE	Non Portable
SERVICE_TYPE	XNP_SERVICE_TYPE	XNP_LOOKUPS
	FREE_PHONE	Free Phone
	PREMIUM	Premium
	STANDARD	Standard
STATUS	XNP_SYNC_STATUS	XNP_LOOKUPS
	IN_SYNC	In Sync
	OUT_SYNC	Out of Sync
	WAIT_SYNC	Waiting for Sync

### Column Descriptions

Name	Null?	Type	Description
NUMBER_RANGE_ID (PK)	NOT NULL	NUMBER	Telephone Number range identifier.
OBJECT_REFERENCE	NOT NULL	VARCHAR2(80)	External Reference id or the code used by the external system to identify the number range
OWNING_SP_ID	NOT NULL	NUMBER	Service Provider owning the number range.
SERVICE_TYPE	NOT NULL	VARCHAR2(20)	Type of Number range. Allowable values include Standard, Premium or Free Phone.
STATUS	NOT NULL	VARCHAR2(10)	Number range status.

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GEO_INDICATOR	NOT NULL	VARCHAR2(10)	Indicates whether the number range is Geographic or non-Geographic.
MOBILE_INDICATOR	NOT NULL	VARCHAR2(10)	Mobile type indicator.
PORTED_INDICATOR	NOT NULL	VARCHAR2(20)	Ported Indicator
STARTING_NUMBER	NOT NULL	VARCHAR2(20)	Starting telephone number of the range
ENDING_NUMBER	NOT NULL	VARCHAR2(20)	Ending telephone number of the range
EFFECTIVE_DATE	NOT NULL	DATE	Date the telephone number range is available for Number Portability
ACTIVE_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if the number range is active
POOLED_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if the number range is pooled
ASSIGNED_SP_ID	NULL	NUMBER	Service Provider to whom the number range is assigned
GEO_AREA_ID	NULL	NUMBER	Geographic area served by the number range.
CREATED_BY	NOT NULL	NUMBER(15)	Standard who coloumn
CREATION_DATE	NOT NULL	DATE	Standard who coloumn
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard who coloumn
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who coloumn
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard who coloumn

#### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_NUMBER_RANGES_N1	NOT UNIQUE	1	GEO_AREA_ID
XNP_NUMBER_RANGES_N2	NOT UNIQUE	1	OWNING_SP_ID
XNP_NUMBER_RANGES_N3	NOT UNIQUE	1	ASSIGNED_SP_ID
XNP_NUMBER_RANGES_N4	NOT UNIQUE	2	STARTING_NUMBER
		4	ENDING_NUMBER
XNP_NUMBER_RANGES_U1	UNIQUE	5	NUMBER_RANGE_ID
XNP_NUMBER_RANGES_U2	UNIQUE	5	STARTING_NUMBER
XNP_NUMBER_RANGES_U3	UNIQUE	5	OBJECT_REFERENCE

#### Sequences

Sequence	Derived Column
XNP_NUMBER_RANGES_S	NUMBER_RANGE_ID



## XNP\_NUMBER\_SPLITS

XNP\_NUMBER\_SPLITS stores information about a number split. The split algorithm represents the transformation from the old number range to the new number range. For example, in the case of an Number Planning Area (NPA) split in the US from area code 415 to 415 and 650, the algorithm would specify the first 3 characters (the NPA) to be modified from 415 to 650 for only certain number ranges that meet a specific criteria such as the geographic region where the range is located.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XNP_NUMBER_RANGES	NUMBER_RANGE_ID	OLD_NUMBER_RANGE_ID
XNP_NUMBER_RANGES	NUMBER_RANGE_ID	NEW_NUMBER_RANGE_ID

### Column Descriptions

Name	Null?	Type	Description
NUMBER_SPLIT_ID (PK)	NOT NULL	NUMBER	Number split identifier
NEW_NUMBER_RANGE_ID	NOT NULL	NUMBER	New Telephone Number identifier after the split
OLD_NUMBER_RANGE_ID	NOT NULL	NUMBER	The old telephone number identifier before the split
PERMISSIVE_DIAL_START_DATE	NOT NULL	DATE	Start date when both number ranges are in effect
PERMISSIVE_DIAL_END_DATE	NOT NULL	DATE	End date when both number ranges are in effect
CONVERSION_PROCEDURE	NULL	VARCHAR2(40)	Conversion procedure for the number split.
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who column

### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_NUMBER_SPLITS_N1	NOT UNIQUE	1	NEW_NUMBER_RANGE_ID
XNP_NUMBER_SPLITS_U1	UNIQUE	5	NUMBER_SPLIT_ID
XNP_NUMBER_SPLITS_U2	UNIQUE	4	NEW_NUMBER_RANGE_ID
		5	OLD_NUMBER_RANGE_ID

### Sequences

Sequence	Derived Column
XNP_NUMBER_SPLITS_S	NUMBER_SPLIT_ID

## XNP\_ROUTING\_NUMBERS

XNP\_ROUTING\_NUMBERS stores Routing Numbers for a given Service Provider. The Routing Number is used by all service providers to port telephone number to the appropriate service provider. A Routing Number typically identifies a specific destination within a service provider's network such as switch.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XNP_SERVICE_PROVIDERS	SP_ID	SP_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACTIVE_FLAG	XNP_YES_NO_FLAG_DEFAULT_YES	XNP_LOOKUPS
	N	No
	Y	Yes
INTERCONNECT_TYPE	XNP_INTERCONNECT_TYPE	XNP_LOOKUPS
	LRN	Local Routing Number
	PIC	Primary Interexchange Carrier
STATUS	XNP_SYNC_STATUS	XNP_LOOKUPS
	IN_SYNC	In Sync
	OUT_SYNC	Out of Sync
	WAIT_SYNC	Waiting for Sync

### Column Descriptions

Name	Null?	Type	Description
ROUTING_NUMBER_ID (PK)	NOT NULL	NUMBER	Routing number identifier
OBJECT_REFERENCE	NOT NULL	VARCHAR2(80)	External Reference id or the code used by an external system for the routing number.
INTERCONNECT_TYPE	NOT NULL	VARCHAR2(10)	Indicates interconnect type whether Equal Access or Number Portability.
SP_ID	NOT NULL	NUMBER	Service provider owning the routing numbers
ROUTING_NUMBER	NOT NULL	VARCHAR2(20)	Routing Number that identifies the destination for porting telephone numbers.
ACTIVE_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if the routing number is active.
STATUS	NULL	VARCHAR2(10)	Domain of status for routing numbers.
CREATED_BY	NOT NULL	NUMBER(15)	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard who column

### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_ROUTING_NUMBERS_U1	UNIQUE	5	ROUTING_NUMBER_ID

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XNP_ROUTING_NUMBERS_U2	UNIQUE	3	SP_ID
		4	ROUTING_NUMBER
		5	INTERCONNECT_TYPE
XNP_ROUTING_NUMBERS_U3	UNIQUE	5	OBJECT_REFERENCE

*Sequences*

Sequence	Derived Column
XNP_ROUTING_NUMBERS_S	ROUTING_NUMBER_ID

## XNP\_SERVED\_NUM\_RANGES

XNP\_SERVED\_NUM\_RANGES stores the mapping of number ranges served by network element for each feature type

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XDP_FES	FE_ID	FE_ID
XNP_NUMBER_RANGES	NUMBER_RANGE_ID	NUMBER_RANGE_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACTIVE_FLAG	XNP_YES_NO_FLAG_DEFAULT_YES	XNP_LOOKUPS
	N	No
	Y	Yes
FEATURE_TYPE	XNP_FEATURE_TYPE	XNP_LOOKUPS
	CLASS	Custom Local Area Signaling Services
	CNAM	Caller Naming
	ISVM	Integrated Services Voice Mail
	LIDB	Line Information Database
	NP	Primary Routing Number
	RN	Secondary Routing Number
	TERM_TO_CUST	Customer Terminating
	TERM_TO_OP	Operator Terminating
	WSMSC	Wireless Short Message Service Center
PRIMARY_FLAG	XNP_YES_NO_FLAG_DEFAULT_YES	XNP_LOOKUPS
	N	No
	Y	Yes

### Column Descriptions

Name	Null?	Type	Description
SERVED_NUMBER_RANGE_ID (PK)	NOT NULL	NUMBER	Served number range identifier
NUMBER_RANGE_ID	NOT NULL	NUMBER	Number range served by the network element
FE_ID	NOT NULL	NUMBER	Network Element serving the number range.
FEATURE_TYPE	NOT NULL	VARCHAR2(15)	Feature type of the served number range
PRIMARY_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if the network element serving the number range is primary. More than one network element can serve the same number range.
ACTIVE_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if the network element serving the number range is active or not.
CREATED_BY	NOT NULL	NUMBER(15)	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard who column

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### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_SERVED_NUM_RANGES_N1	NOT UNIQUE	1	FE_ID
XNP_SERVED_NUM_RANGES_U1	UNIQUE	5	SERVED_NUMBER_RANGE_ID
XNP_SERVED_NUM_RANGES_U2	UNIQUE	3	NUMBER_RANGE_ID
		4	FE_ID
		5	FEATURE_TYPE

### Sequences

Sequence	Derived Column
XNP_SERVED_NUM_RANGES_S	SERVED_NUMBER_RANGE_ID

## XNP\_SERVICE\_AREAS

XNP\_SERVICE\_AREAS holds information regarding geographic areas that are served by a service provider.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XNP_GEO_AREAS_B	GEO_AREA_ID	GEO_AREA_ID
XNP_SERVICE_PROVIDERS	SP_ID	SP_ID

### Column Descriptions

Name	Null?	Type	Description
SERVICE_AREA_ID (PK)	NOT NULL	NUMBER	Service area identifier
GEO_AREA_ID	NOT NULL	NUMBER	Geographic area served by the service provider
SP_ID	NOT NULL	NUMBER	Service provider serving the geographic area
CREATED_BY	NOT NULL	NUMBER(15)	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard who column

### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_SERVICE_AREAS_N1	NOT UNIQUE	1	GEO_AREA_ID
XNP_SERVICE_AREAS_U1	UNIQUE	5	SERVICE_AREA_ID
XNP_SERVICE_AREAS_U2	UNIQUE	4	SP_ID
		5	GEO_AREA_ID

### Sequences

Sequence	Derived Column
XNP_SERVICE_AREAS_S	SERVICE_AREA_ID

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## XNP\_SERVICE\_PROVIDERS

XNP\_SERVICE\_PROVIDERS is the definition table for service providers. This table holds service provider details used by the Number Portability Service delivery Management System (NP SMS), Number Portability Service Order Administration (NP SOA) and Number Registration Center (NRC).

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACTIVE_FLAG	XNP_YES_NO_FLAG_DEFAULT_YES	XNP_LOOKUPS
	N	No
	Y	Yes
NETWORK_DOWNLOAD_FLAG	XNP_YES_NO_FLAG_DEFAULT_YES	XNP_LOOKUPS
	N	No
	Y	Yes
SERVED_BY_FLAG	XNP_YES_NO_FLAG_DEFAULT_NO	XNP_LOOKUPS
	N	No
	Y	Yes
SMS_DOWNLOAD_FLAG	XNP_YES_NO_FLAG_DEFAULT_YES	XNP_LOOKUPS
	N	No
	Y	Yes
SMS_NETWORK_MGT_FLAG	XNP_YES_NO_FLAG_DEFAULT_YES	XNP_LOOKUPS
	N	No
	Y	Yes
SMS_QUERY_FLAG	XNP_YES_NO_FLAG_DEFAULT_YES	XNP_LOOKUPS
	N	No
	Y	Yes
SOA_MGT_FLAG	XNP_YES_NO_FLAG_DEFAULT_YES	XNP_LOOKUPS
	N	No
	Y	Yes
SOA_NETWORK_MGT_FLAG	XNP_YES_NO_FLAG_DEFAULT_YES	XNP_LOOKUPS
	N	No
	Y	Yes
SP_TYPE	XNP_SP_TYPE	XNP_LOOKUPS
	DQSP	Directory Inquiry Service Provider
	DSP	Directory Service Provider
	ESE	Emergency Service Enterprise
	MOBILE	Mobile Service Provider
	NPA	Numbering Plan Administrator
	NRC	Number Registration Center
	PTO	Public Telecommunications Operator
SV_DOWNLOAD_FLAG	XNP_YES_NO_FLAG_DEFAULT_YES	XNP_LOOKUPS
	N	No
	Y	Yes
TIMEZONE	XNP_TIMEZONE	XNP_LOOKUPS
	CST	US Central Standard Time
	EST	US Eastern Standard Time
	GMT	Greenwich Mean Time

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MST  
PST

US Mountain Standard Time  
US Pacific Standard Time

*Column Descriptions*

Name	Null?	Type	Description
SP_ID (PK)	NOT NULL	NUMBER	Service provider identifier
SP_TYPE	NOT NULL	VARCHAR2(20)	Type of service provider
CODE	NOT NULL	VARCHAR2(20)	Public Code for Service Provider
NAME	NOT NULL	VARCHAR2(80)	Name of service provider
TIMEZONE	NOT NULL	VARCHAR2(10)	Time zone for the service provider
SERVED_BY_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if the service provider is served by the bureau.
ACTIVE_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate whether the organization is active or not.
ADDRESS_LINE1	NOT NULL	VARCHAR2(40)	Street address of the service provider
CITY	NOT NULL	VARCHAR2(40)	City of the service provider
STATE	NULL	VARCHAR2(40)	State of the service provider
ZIP_CODE	NOT NULL	VARCHAR2(20)	Zip code of the service provider
COUNTRY	NOT NULL	VARCHAR2(40)	Country of the service provider
PHONE	NOT NULL	VARCHAR2(20)	Telephone number of the service provider
ADDRESS_LINE2	NULL	VARCHAR2(40)	Street address of the service provider
MOBILE	NULL	VARCHAR2(20)	Cellular number of the service provider
FAX	NULL	VARCHAR2(20)	Fax number of the service provider.
PAGER	NULL	VARCHAR2(20)	Pager number of the service provider
PAGER_PIN	NULL	VARCHAR2(80)	Pager pin number of the service provider
EMAIL	NULL	VARCHAR2(80)	Email id of the service provider
INTERNET_ADDRESS	NULL	VARCHAR2(40)	Web address of the service provider
DEPARTMENT	NULL	VARCHAR2(80)	Department name of the service provider
SOA_MGT_FLAG	NULL	VARCHAR2(1)	Flag to indicate whether the service provider can download subscription version data from NRC
SOA_NETWORK_MGT_FLAG	NULL	VARCHAR2(1)	Flag to indicate whether the service provider can download subscription version data from NRC
SMS_DOWNLOAD_FLAG	NULL	VARCHAR2(1)	Flag to indicate whether the service provider can download subscription version data from NRC
SMS_NETWORK_MGT_FLAG	NULL	VARCHAR2(1)	Flag to indicate whether the service provider can download subscription version data from NRC
SMS_QUERY_FLAG	NULL	VARCHAR2(1)	Flag to indicate from the view point of NAPC whether the service provider can make query on SMS

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SV_DOWNLOAD_FLAG	NULL	VARCHAR2(1)	Flag to indicate whether the service provider can download subscription version data from NRC
NETWORK_DOWNLOAD_FLAG	NULL	VARCHAR2(1)	Flag to indicate whether the service provider can download subscription version data from NRC
CREATED_BY	NOT NULL	NUMBER(15)	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard who column

#### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_SERVICE_PROVIDERS_U1	UNIQUE	5	SP_ID
XNP_SERVICE_PROVIDERS_U2	UNIQUE	3	CODE

#### Sequences

Sequence	Derived Column
XNP_SERVICE_PROVIDERS_S	SP_ID

## XNP\_SP\_ADAPTERS

XNP\_SP\_ADAPTERS stores mapping of a service provider to an external system. This configuration data is used by SDP to send and receive messages to/from service providers.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XDP_FES	FE_ID	FE_ID
XNP_SERVICE_PROVIDERS	SP_ID	SP_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
PREFERRED_FLAG	XNP_YES_NO_FLAG_DEFAULT_YES	XNP_LOOKUPS
	N	No
	Y	Yes

### Column Descriptions

Name	Null?	Type	Description
SP_ADAPTER_ID (PK)	NOT NULL	NUMBER	Adapter identifier that relates a service provider to its corresponding fulfillment element
SP_ID	NOT NULL	NUMBER	Service provider identifier
FE_ID	NOT NULL	NUMBER	Fulfillment element identifier used to send and receive messages to/from the service provider
PREFERRED_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate which adapter is preferred if there is more than one adapter to communicate with the external system
SEQUENCE	NOT NULL	NUMBER	If there is more than one preferred adapter then sequence is used to indicate which one to use.
CREATED_BY	NOT NULL	NUMBER(15)	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard who column

### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_SP_ADAPTERS_N1	NOT UNIQUE	1	SP_ID
XNP_SP_ADAPTERS_U1	UNIQUE	5	SP_ADAPTER_ID
XNP_SP_ADAPTERS_U2	UNIQUE	4	FE_ID
		5	SP_ID

### Sequences

Sequence	Derived Column
XNP_SP_ADAPTERS_S	SP_ADAPTER_ID

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# XNP\_SP\_CONTACTS

XNP\_SP\_CONTACTS holds contact information for the service provider

## Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XNP_SERVICE_PROVIDERS	SP_ID	SP_ID

## Column Descriptions

Name	Null?	Type	Description
SP_CONTACT_ID (PK)	NOT NULL	NUMBER	Service provider contact identifier
SP_ID	NOT NULL	NUMBER	Service provider having the contact information
BUSINESS_ROLE	NOT NULL	VARCHAR2(40)	Business role of the person
NAME	NOT NULL	VARCHAR2(40)	Name of the contact person
ADDRESS_LINE1	NOT NULL	VARCHAR2(40)	Street address of the service provider's contact person
CITY	NOT NULL	VARCHAR2(40)	City of the contact person
STATE	NULL	VARCHAR2(40)	State of the contact person
ZIP_CODE	NOT NULL	VARCHAR2(20)	Zip code of the contact person
COUNTRY	NOT NULL	VARCHAR2(40)	Country of the contact person
PHONE	NOT NULL	VARCHAR2(20)	Phone number of the contact person
ADDRESS_LINE2	NULL	VARCHAR2(40)	Street address of the contact person
MOBILE	NULL	VARCHAR2(20)	Cellular contact number
FAX	NULL	VARCHAR2(20)	FAX number of the contact person.
PAGER	NULL	VARCHAR2(20)	Pager number of the contact person
PAGER_PIN	NULL	VARCHAR2(80)	Pager pin number of the contact person
EMAIL	NULL	VARCHAR2(80)	Email of the contact person
INTERNET_ADDRESS	NULL	VARCHAR2(40)	Web address of the contact person
CREATED_BY	NOT NULL	NUMBER(15)	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard who column

## Indexes

Index Name	Index Type	Sequence	Column Name
XNP_SP_CONTACTS_N1	NOT UNIQUE	1	SP_ID
XNP_SP_CONTACTS_U1	UNIQUE	5	SP_CONTACT_ID
XNP_SP_CONTACTS_U2	UNIQUE	3	BUSINESS_ROLE
		4	SP_ID
		5	NAME

## Sequences

Sequence	Derived Column
XNP_SP_CONTACTS_S	SP_CONTACT_ID

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## XNP\_SP\_FILTERS

XNP\_SP\_FILTERS stores a list of filtered Telephone Number ranges that a service provider is interested in.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XNP_NUMBER_RANGES	NUMBER_RANGE_ID	NUMBER_RANGE_ID
XNP_SERVICE_PROVIDERS	SP_ID	SP_ID

### Column Descriptions

Name	Null?	Type	Description
SP_FILTER_ID (PK)	NOT NULL	NUMBER	Filter number range identifier for the service provider
OBJECT_REFERENCE	NOT NULL	VARCHAR2(80)	External Reference id or the code used by the external system for the filtered number range.
SP_ID	NOT NULL	NUMBER	Service provider interested in the filtered list of telephone numbers.
NUMBER_RANGE_ID	NOT NULL	NUMBER	Telephone number range identifier .
EFFECTIVE_DATE	NOT NULL	DATE	The date from which the filter is effective.
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who coloumn.
CREATION_DATE	NOT NULL	DATE	Standard Who coloumn.
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who coloumn.
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who coloumn.
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard Who coloumn.

### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_SP_FILTERS_N1	NOT UNIQUE	1	NUMBER_RANGE_ID
XNP_SP_FILTERS_U1	UNIQUE	5	SP_FILTER_ID
XNP_SP_FILTERS_U2	UNIQUE	5	OBJECT_REFERENCE
XNP_SP_FILTERS_U3	UNIQUE	4	SP_ID
		5	NUMBER_RANGE_ID

### Sequences

Sequence	Derived Column
XNP_SP_FILTERS_S	SP_FILTER_ID

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## XNP\_SV\_AUDITS

XNP\_SV\_AUDITS stores all the subscription audits issued from a service provider . When no target service provider is specified, all service provider's data will be audited. In places where the product is installed as NP SMS or NP SOA for a service provider, this table has entries for the audits that were issued by that service provider. In case of a service bureau, the entity holds all the audits that were issued by the member service providers. An NRC installation holds all subscription audits from all service providers. This table will not be used in the current release.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XNP_SERVICE_PROVIDERS	SP_ID	FOR_SP_ID
XNP_SERVICE_PROVIDERS	SP_ID	SP_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
AUDIT_TYPE	XNP_AUDIT_TYPE	XNP_LOOKUPS
	EXTERNAL	External NRC Audit
	INTERNAL	Internal SOA-SMS Audit
	NETWORK	Network Audit with SMS
CLASS_FLAG	XNP_YES_NO_FLAG_DEFAULT_NO	XNP_LOOKUPS
	N	No
	Y	Yes
CNAM_FLAG	XNP_YES_NO_FLAG_DEFAULT_NO	XNP_LOOKUPS
	N	No
	Y	Yes
ISVM_FLAG	XNP_YES_NO_FLAG_DEFAULT_NO	XNP_LOOKUPS
	N	No
	Y	Yes
LIDB_FLAG	XNP_YES_NO_FLAG_DEFAULT_NO	XNP_LOOKUPS
	N	No
	Y	Yes
RN_FLAG	XNP_YES_NO_FLAG_DEFAULT_NO	XNP_LOOKUPS
	N	No
	Y	Yes
ROUTING_NUMBER_FLAG	XNP_YES_NO_FLAG_DEFAULT_NO	XNP_LOOKUPS
	N	No
	Y	Yes
STATUS_CODE	XNP_AUDIT_STATUS	XNP_LOOKUPS
	ACTIVE	Audit In Progress
	COMPLETE	Complete
	SUSPENDED	Suspended
WSMSC_FLAG	XNP_YES_NO_FLAG_DEFAULT_NO	XNP_LOOKUPS
	N	No
	Y	Yes

### Column Descriptions

Name	Null?	Type	Description
SV_AUDIT_ID (PK)	NOT NULL	NUMBER	Audit identifier
OBJECT_REFERENCE	NOT NULL	VARCHAR2(80)	External Reference ID for an audit
SP_ID	NOT NULL	NUMBER	Service provider identifier requesting the audit
AUDIT_NAME	NOT NULL	VARCHAR2(40)	Name of the audit
AUDIT_TYPE	NOT NULL	VARCHAR2(10)	Type of audit
STATUS_CODE	NOT NULL	VARCHAR2(10)	Current status of the audit
STARTING_NUMBER	NOT NULL	VARCHAR2(20)	Starting telephone number of a TN range
ENDING_NUMBER	NULL	VARCHAR2(20)	Optional number indicating the ending telephone number of a telephone number range
FOR_SP_ID	NULL	NUMBER	Service provider identifier to be audited
NUMBER_OF_TN_AUDITED	NULL	NUMBER	Gives the number of TNs successfully audited
ACTIVATION_START_DATE	NULL	DATE	Activation start date
ACTIVATION_END_DATE	NULL	DATE	Activation end date
NOTES	NULL	VARCHAR2(1996)	Notes for the audit
ROUTING_NUMBER_FLAG	NULL	VARCHAR2(1)	Flag to indicate if Routing Number data should be audited
CNAM_FLAG	NULL	VARCHAR2(1)	Flag to indicate if CNAM data should be audited
ISVM_FLAG	NULL	VARCHAR2(1)	Flag to indicate if ISVM data should be audited
LIDB_FLAG	NULL	VARCHAR2(1)	Flag to indicate if LIDB data should be audited
CLASS_FLAG	NULL	VARCHAR2(1)	Flag to indicate if CLASS data should be audited
WSMSC_FLAG	NULL	VARCHAR2(1)	Flag to indicate if WSMSC data should be audited
RN_FLAG	NULL	VARCHAR2(1)	Flag to indicate if RN data should be audited
CREATED_BY	NOT NULL	NUMBER(15)	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard who column

### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_SV_AUDITS_N1	NOT UNIQUE	1	FOR_SP_ID
XNP_SV_AUDITS_U1	UNIQUE	5	SV_AUDIT_ID
XNP_SV_AUDITS_U2	UNIQUE	5	OBJECT_REFERENCE
XNP_SV_AUDITS_U3	UNIQUE	4	SP_ID
		5	STARTING_NUMBER

### Sequences

Sequence	Derived Column
XNP_SV_AUDITS_S	SV_AUDIT_ID

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## XNP\_SV\_EVENT\_HISTORY

XNP\_SV\_EVENT\_HISTORY stores the information about any kind of event on the porting number or message. It is mainly associated with the status change events in SOA.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XNP_MSGS	MSG_ID	MSG_ID
XNP_SV_SOA	SV_SOA_ID	SV_SOA_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
EVENT_TYPE	XNP_EVENT_TYPE	XNP_LOOKUPS
	EVENT	Event
	INBOUND_MSG	Inbound Message
	OUTBOUND_MSG	Outbound Message
	STATUS_CHANGE	Status Change
	USER_DEFINED	User Defined

### Column Descriptions

Name	Null?	Type	Description
SV_EVENT_HISTORY_ID (PK)	NOT NULL	NUMBER	Subscription version event identifier
SV_SOA_ID	NOT NULL	NUMBER	Service Order Administration subscription version identifier for the event
EVENT_CODE	NOT NULL	VARCHAR2(40)	Code identifying an event
EVENT_TYPE	NOT NULL	VARCHAR2(20)	Type of event with a list of domain values
EVENT_TIMESTAMP	NOT NULL	DATE	Timestamp when the event is generated
MSG_ID	NULL	NUMBER	Message identifier for the event
EVENT_CAUSE_CODE	NULL	VARCHAR2(20)	Code that indicates the cause of the event
CREATED_BY	NOT NULL	NUMBER(15)	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard who column

### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_SV_EVENT_HISTORY_N1	NOT UNIQUE	1	MSG_ID
XNP_SV_EVENT_HISTORY_N2	NOT UNIQUE	1	SV_SOA_ID
XNP_SV_EVENT_HISTORY_U1	UNIQUE	5	SV_EVENT_HISTORY_ID

### Sequences

Sequence	Derived Column
XNP_SV_EVENT_HISTORY_S	SV_EVENT_HISTORY_ID

## XNP\_SV\_FAILURES

XNP\_SV\_FAILURES stores a list of service providers that failed to download the subscription version data. In the business process for Number portability, the SOA or NRC broadcasts a subscription version to all service provider's network system. An entry for a service provider is added into this table on encountering a failure. Attempts to broadcast are abandoned after a maximum number of retries. This table will not be used in the current release.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XNP_SERVICE_PROVIDERS	SP_ID	SP_ID
XNP_SV_SOA	SV_SOA_ID	SV_SOA_ID

### Column Descriptions

Name	Null?	Type	Description
SV_FAILURE_ID (PK)	NOT NULL	NUMBER	Subscription version failure identifier
SV_SOA_ID	NOT NULL	NUMBER	Subscription version for service Order administration that failed
SP_ID	NOT NULL	NUMBER	Service Provider who failed to download subscription version data
FAILURE_DATE	NOT NULL	DATE	Date on which the service provider first failed to download the subscription version data from Number Registration Centre.
FINAL_FAILURE_DATE	NULL	DATE	Date of final failure of downloading data by service provider after the attempted number of retries.
ATTEMPTED_RETRIES	NULL	NUMBER	Number of retries the service provider will attempt to broadcast the subscription version data.
CREATED_BY	NOT NULL	NUMBER(15)	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard who column

### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_SV_FAILURES_N1	NOT UNIQUE	1	SV_SOA_ID
XNP_SV_FAILURES_U1	UNIQUE	5	SV_FAILURE_ID
XNP_SV_FAILURES_U2	UNIQUE	3	SP_ID
		4	SV_SOA_ID
		5	FAILURE_DATE

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# XNP\_SV\_FE\_MAPP\_DETAILS\_VL

XNP\_SV\_FE\_MAPP\_DETAILS\_VL stores the fulfillment elements provisioned with the subscription version data for a given feature type.

```
View Definition
CREATE VIEW XNP_SV_FE_MAPP_DETAILS_VL
as SELECT
    SSE.SV_SMS_ID
    , SSE.FEATURE_TYPE
    , SSE.PROVISION_STATUS
    , LKV.MEANING
    , FES.FULFILLMENT_ELEMENT_NAME
    , FES_TL.DISPLAY_NAME
    , FET.FULFILLMENT_ELEMENT_TYPE
FROM    XNP_SV_SMS_FE_MAPS      SSE
    , XDP_FES      FES
    , XDP_FES_TL   FES_TL
    , XDP_FE_TYPES FET
    , FND_LOOKUP_VALUES LKV
Where SSE.FE_ID      = FES.FE_ID
AND   FES.FE_ID      = FES_TL.FE_ID
AND   FES_TL.LANGUAGE = userenv('LANG')
AND   FES.FETYPE_ID  = FET.FETYPE_ID
AND   LKV.LOOKUP_TYPE = 'XNP_PROV_STATUS'
AND   SSE.PROVISION_STATUS = LKV.LOOKUP_CODE
```

Column Descriptions

Name	Null?	Type	Description
SV_SMS_ID	NULL	VARCHAR2(240)	SMS subscription version identifier
FEATURE_TYPE	NULL	VARCHAR2(240)	Feature type for which the network element is to be provisioned
PROVISION_STATUS	NULL	VARCHAR2(240)	Provisioning status of the network element
PROVISION_STATUS_MEANING	NULL	VARCHAR2(240)	Meaning of the status code used to provision the network element
FULFILLMENT_ELEMENT_NAME	NULL	VARCHAR2(240)	Name of fulfillment element or network element
DISPLAY_NAME	NULL	VARCHAR2(240)	Display name for the network element
FULFILLMENT_ELEMENT_TYPE	NULL	VARCHAR2(240)	Type of fulfillment element

## XNP\_SV\_ORDER\_MAPPINGS

XNP\_SV\_ORDER\_MAPPINGS stores event information associated with subscription versions or messages

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XDP_FULFILL_WORKLIST	WORKITEM_INSTANCE_ID	WORKITEM_INSTANCE_ID
XDP_ORDER_HEADERS	ORDER_ID	ORDER_ID
XNP_SV_SMS	SV_SMS_ID	SV_SMS_ID
XNP_SV_SOA	SV_SOA_ID	SV_SOA_ID

### Column Descriptions

Name	Null?	Type	Description
SV_ORDER_MAPPING_ID (PK)	NOT NULL	NUMBER	Unique identifier for the subscription version event.
ORDER_ID	NOT NULL	NUMBER	SDP Order identifier
SV_SOA_ID	NULL	NUMBER	Unique id assigned upon creation of the SOA subscription version.
SV_SMS_ID	NULL	NUMBER	Unique id assigned upon creation of the SMS subscription version
WORKITEM_INSTANCE_ID	NULL	NUMBER	Unique id that identifies the workitem instance
CREATED_BY	NOT NULL	NUMBER(15)	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard who column

### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_SV_ORDER_MAPPINGS_N1	NOT UNIQUE	1	SV_SMS_ID
XNP_SV_ORDER_MAPPINGS_N2	NOT UNIQUE	1	SV_SOA_ID
XNP_SV_ORDER_MAPPINGS_N3	NOT UNIQUE	5	WORKITEM_INSTANCE_ID
XNP_SV_ORDER_MAPPINGS_U1	UNIQUE	5	SV_ORDER_MAPPING_ID
XNP_SV_ORDER_MAPPINGS_U2	UNIQUE	2	ORDER_ID
		3	SV_SOA_ID
		4	SV_SMS_ID
		5	WORKITEM_INSTANCE_ID

### Sequences

Sequence	Derived Column
XNP_SV_ORDER_MAPPINGS_S	SV_ORDER_MAPPING_ID

## XNP\_SV\_ORDER\_MAPP\_DETAILS\_VL

XNP\_SV\_ORDER\_MAPP\_DETAILS\_VL holds information about the workitem instance and related order for a SOA or SMS subscription version.

### View Definition

```
CREATE VIEW XNP_SV_ORDER_MAPP_DETAILS_VL
as SELECT
    SOM.ORDER_ID
    ,      SOM.SV_SOA_ID
    ,      SOM.SV_SMS_ID
    ,      SOM.WORKITEM_INSTANCE_ID
    ,      OHR.EXTERNAL_ORDER_NUMBER
    ,      OHR.TELEPHONE_NUMBER
    ,      WOM.WORKITEM_ID
    ,      WOM.WORKITEM_NAME
    ,      WOM.WI_TYPE_CODE
    ,      WOM_TL.DISPLAY_NAME
    ,      WOM_TL.DESCRPTION
    ,      FWT.STATUS_CODE
FROM      XNP_SV_ORDER_MAPPINGS      SOM
    ,      XDP_ORDER_HEADERS          OHR
    ,      XDP_ORDER_LINE_ITEMS      OLI
    ,      XDP_WORKITEMS              WOM
    ,      XDP_FULFILL_WORKLIST      FWT
    ,      XDP_WORKITEMS_TL          WOM_TL
Where SOM.ORDER_ID              = OHR.ORDER_ID
AND   OHR.ORDER_ID              = OLI.ORDER_ID
AND   OLI.WORKITEM_ID            = WOM.WORKITEM_ID
AND   WOM.WORKITEM_ID            = FWT.WORKITEM_ID
AND   SOM.WORKITEM_INSTANCE_ID = FWT.WORKITEM_INSTANCE_ID
AND   WOM.WORKITEM_ID            = WOM_TL.WORKITEM_ID
AND   WOM_TL.LANGUAGE            = userenv('LANG')
```

### Column Descriptions

Name	Null?	Type	Description
ORDER_ID	NULL	VARCHAR2(240)	Order id received from Oracle Provisioning
SV_SOA_ID	NULL	VARCHAR2(240)	SOA identifier for the subscription version
SV_SMS_ID	NULL	VARCHAR2(240)	SMS identifier for the subscription version
WORKITEM_INSTANCE_ID	NULL	VARCHAR2(240)	Work Item instance id for the Order Id received from provisioning system
EXTERNAL_ORDER_NUMBER	NULL	VARCHAR2(240)	External order number that is used by the external system to identify the order
TELEPHONE_NUMBER	NULL	VARCHAR2(240)	Telephone Number for the subscription version
WORKITEM_ID	NULL	VARCHAR2(240)	Work Item id for the work Item instance id received from provisioning system

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WORKITEM_NAME	NULL VARCHAR2(240)	Work Item name for the Work Item instance id received from provisioning system
WI_TYPE_CODE	NULL VARCHAR2(240)	Type code for Work Item instance received from OP
WI_DISPLAY_NAME	NULL VARCHAR2(240)	Name of Workitem instance received from OP
WI_DESCRIPTION	NULL VARCHAR2(240)	Work Item instance description received from provisioning system
STATUS_CODE	NULL VARCHAR2(240)	Status code for the Work Item instance received from provisioning system

## XNP\_SV\_SMS

XNP\_SV\_SMS stores downloaded network data for porting requests from NRC. The records can only be created, deleted or modified upon instructions from the Number Registratin Center. Data in this table cannot be modified directly from a NP SMS or SOA system. The five vertical services associated with a telephone line are included in the table. Services include Caller Naming (CNAM), Integrated Services Voice Mail (ISVM), Line Information Databases (LIDB) for calling card verification, Custom Local Area Signaling Services (CLASS), and Wireless Short Message Service Center(WSMSC).

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XNP_ROUTING_NUMBERS	ROUTING_NUMBER_ID	ROUTING_NUMBER_ID
XNP_SERVICE_PROVIDERS	SP_ID	MEDIATOR_SP_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
SUBSCRIPTION_TYPE	XNP_SUBSCRIPTION_TYPE	XNP_LOOKUPS
	EA_INTL	International Toll Carrier
	EA_LD	Domestic Toll Carrier
	EA_LOCAL	Local Toll Carrier
	NP	Local Number Portability

### Column Descriptions

Name	Null?	Type	Description
SV_SMS_ID (PK)	NOT NULL	NUMBER	Subscription version identifier for SMS
OBJECT_REFERENCE	NOT NULL	VARCHAR2(80)	External reference id
ROUTING_NUMBER_ID	NOT NULL	NUMBER	Routing number identifier of the SMS subscription version
SUBSCRIPTION_TN	NOT NULL	VARCHAR2(20)	Subscription version telephone number
SUBSCRIPTION_TYPE	NOT NULL	VARCHAR2(10)	Indicates the portability type of Equal Access or Number Portability
MEDIATOR_SP_ID	NULL	NUMBER	Number registration center identifier
PROVISION_SENT_DATE	NULL	DATE	Date the network data is sent for provisioning
PROVISION_DONE_DATE	NULL	DATE	Date the network data is provisioined
CNAM_ADDRESS	NULL	VARCHAR2(80)	Call naming network address for this subscription version
CNAM_SUBSYSTEM	NULL	VARCHAR2(80)	Call naming application subsystem for this subscription version
ISVM_ADDRESS	NULL	VARCHAR2(80)	Integrated Services Voice Mail network address for this subscription version
ISVM_SUBSYSTEM	NULL	VARCHAR2(80)	Integrated Services Voice Mail application subsystem for this subscription version

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LIDB_ADDRESS	NULL	VARCHAR2(80)	Line Information Databases network address for this subscription version
LIDB_SUBSYSTEM	NULL	VARCHAR2(80)	Line Information Databases application subsystem for this subscription version
CLASS_ADDRESS	NULL	VARCHAR2(80)	Custom Local Area Signalling Services network address for this subscription version
CLASS_SUBSYSTEM	NULL	VARCHAR2(80)	Custom Local Area Signalling Services application subsystem for this subscription version
WSMSC_ADDRESS	NULL	VARCHAR2(80)	Wireless Short Message Service Centre network address for this subscription version
WSMSC_SUBSYSTEM	NULL	VARCHAR2(80)	Wireless Short Message Service Centre application subsystem for this subscription version
RN_ADDRESS	NULL	VARCHAR2(80)	Routing number network address for this subscription version
RN_SUBSYSTEM	NULL	VARCHAR2(80)	Routing number application subsystem for this subscription version
CREATED_BY	NOT NULL	NUMBER(15)	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard who column

#### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_SV_SMS_N1	NOT UNIQUE	1	ROUTING_NUMBER_ID
XNP_SV_SMS_N2	NOT UNIQUE	1	MEDIATOR_SP_ID
XNP_SV_SMS_N3	NOT UNIQUE	5	OBJECT_REFERENCE
XNP_SV_SMS_U1	UNIQUE	5	SV_SMS_ID

#### Sequences

Sequence	Derived Column
XNP_SV_SMS_S	SV_SMS_ID

## XNP\_SV\_SMS\_FE\_MAPS

XNP\_SV\_SMS\_FE\_MAPS stores a list of fulfillment elements provisioned with subscription version data.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XDP_FES	FE_ID	FE_ID
XNP_SV_SMS	SV_SMS_ID	SV_SMS_ID

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
FEATURE_TYPE	XNP_FEATURE_TYPE	XNP_LOOKUPS
	CLASS	Custom Local Area Signaling Services
	CNAM	Caller Naming
	ISVM	Integrated Services Voice Mail
	LIDB	Line Information Database
	NP	Primary Routing Number
	RN	Secondary Routing Number
	TERM_TO_CUST	Customer Terminating
	TERM_TO_OP	Operator Terminating
	WSMSC	Wireless Short Message Service Center
PROVISION_STATUS	XNP_PROV_STATUS	XNP_LOOKUPS
	ABORT	Abort
	FAILURE	Failure
	NOT_PROVISIONED	Not Provisioned
	SUCCESS	Success

### Column Descriptions

Name	Null?	Type	Description
SMS_FE_MAP_ID (PK)	NOT NULL	NUMBER	SMS fulfillment element mapping identifier
SV_SMS_ID	NOT NULL	NUMBER	Subscription version identifier for SMS
FE_ID	NOT NULL	NUMBER	Network element for the switch serving the number range
FEATURE_TYPE	NOT NULL	VARCHAR2(15)	Feature type
PROVISION_STATUS	NOT NULL	VARCHAR2(20)	Status of provisioning
CREATED_BY	NOT NULL	NUMBER(15)	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard who column

### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_SV_SMS_FE_MAPS_N1	NOT UNIQUE	1	FE_ID
XNP_SV_SMS_FE_MAPS_U1	UNIQUE	5	SMS_FE_MAP_ID
XNP_SV_SMS_FE_MAPS_U2	UNIQUE	3	SV_SMS_ID
		4	FEATURE_TYPE
		5	FE_ID

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Sequences

Sequence	Derived Column
XNP_SV_SMS_FE_MAPS_S	SMS_FE_MAP_ID

## XNP\_SV\_SMS\_V

XNP\_SV\_SMS\_V shows porting information broadcasted by the NRC for the intention of network update.

### *View Definition*

```
CREATE VIEW XNP_SV_SMS_V
as SELECT
    SVS.SV_SMS_ID,
    SVS.OBJECT_REFERENCE      PORTING_ID,
    SVS.ROUTING_NUMBER_ID,
    SVS.SUBSCRIPTION_TN,
    SVS.SUBSCRIPTION_TYPE,
    SVS.MEDIATOR_SP_ID,
    SVS.PROVISION_SENT_DATE,
    SVS.PROVISION_DONE_DATE,
    SVS.CNAM_ADDRESS,
    SVS.CNAM_SUBSYSTEM,
    SVS.ISVM_ADDRESS,
    SVS.ISVM_SUBSYSTEM,
    SVS.LIDB_ADDRESS,
    SVS.LIDB_SUBSYSTEM,
    SVS.CLASS_ADDRESS,
    SVS.CLASS_SUBSYSTEM,
    SVS.WSMSC_ADDRESS,
    SVS.WSMSC_SUBSYSTEM,
    SVS.RN_ADDRESS,
    SVS.RN_SUBSYSTEM,
    SVS.CREATED_BY,
    SVS.CREATION_DATE,
    SVS.LAST_UPDATED_BY,
    SVS.LAST_UPDATE_DATE,
    SVS.LAST_UPDATE_LOGIN,
    SPR_NRC.SP_TYPE NRC_SP_TYPE,
    SPR_NRC.CODE NRC_CODE,
    SPR_NRC.NAME NRC_NAME,
    SPR_NRC.TIMEZONE NRC_TIMEZONE,
    SPR_NRC.ADDRESS_LINE1 NRC_ADDRESS_LINE1,
    SPR_NRC.CITY NRC_CITY,
    SPR_NRC.STATE NRC_STATE,
    SPR_NRC.ZIP_CODE NRC_ZIP_CODE,
    SPR_NRC.COUNTRY NRC_COUNTRY,
    SPR_NRC.PHONE NRC_PHONE,
    SPR_NRC.ADDRESS_LINE2 NRC_ADDRESS_LINE2,
    SPR_NRC.MOBILE NRC_MOBILE,
    SPR_NRC.FAX NRC_FAX,
    SPR_NRC.PAGER NRC_PAGER,
    SPR_NRC.PAGER_PIN NRC_PAGER_PIN,
    SPR_NRC.EMAIL NRC_EMAIL,
    SPR_NRC.INTERNET_ADDRESS NRC_INTERNET,
    SPR_NRC.DEPARTMENT NRC_DEPT,
    RNR.OBJECT_REFERENCE ROUTING_REF,
    RNR.INTERCONNECT_TYPE INTERCONNECT_TYPE,
    RNR.SP_ID ROUTING_SP_ID,
    RNR.ROUTING_NUMBER ROUTING_NUMBER,
```

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```

RNR.STATUS ROUTING_STATUS,
SPR_REC.SP_ID REC_SP_ID,
SPR_REC.SP_TYPE REC_SP_TYPE,
SPR_REC.CODE REC_CODE,
SPR_REC.NAME REC_NAME,
SPR_REC.TIMEZONE REC_TIMEZONE,
SPR_REC.SERVED_BY_FLAG REC_SERVED_BY_FLAG,
SPR_REC.ADDRESS_LINE1 REC_ADDRESS_LINE1,
SPR_REC.CITY REC_CITY,
SPR_REC.STATE REC_STATE,
SPR_REC.ZIP_CODE REC_ZIP_CODE,
SPR_REC.COUNTRY REC_COUNTRY,
SPR_REC.PHONE REC_PHONE,
SPR_REC.ADDRESS_LINE2 REC_ADDRESS_LINE2,
SPR_REC.MOBILE REC_MOBILE,
SPR_REC.FAX REC_FAX,
SPR_REC.PAGER REC_PAGER,
SPR_REC.PAGER_PIN REC_PAGER_PIN,
SPR_REC.EM
    AIL REC_EMAIL,
SPR_REC.INTERNET_ADDRESS REC_INTERNET,
SPR_REC.DEPARTMENT REC_DEPT
FROM
XNP_SV_SMS SVS,
XNP_SERVICE_PROVIDERS SPR_NRC,
XNP_ROUTING_NUMBERS RNR,
XNP_SERVICE_PROVIDERS SPR_REC
    Where ( SVS.MEDIATOR_SP_ID=SPR_NRC.SP_ID ( + ) ) AND
( SVS.ROUTING_NUMBER_ID=RNR.ROUTING_NUMBER_ID ( + ) ) AND
( RNR.SP_ID=SPR_REC.SP_ID ( + ) )

```

#### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
INTERCONNECT_TYPE	XNP_INTERCONNECT_TYPE	XNP_LOOKUPS
	LRN	Local Routing Number
	PIC	Primary Interexchange Carrier
NRC_SP_TYPE	XNP_SP_TYPE	XNP_LOOKUPS
	DQSP	Directory Inquiry Service Provider
	DSP	Directory Service Provider
	ESE	Emergency Service Enterprise
	MOBILE	Mobile Service Provider
	NPA	Numbering Plan Administrator
	NRC	Number Registration Center
NRC_TIMEZONE	PTO	Public Telecommunications Operator
	XNP_TIMEZONE	XNP_LOOKUPS
	CST	US Central Standard Time
	EST	US Eastern Standard Time
	GMT	Greenwich Mean Time
REC_SERVED_BY_FLAG	MST	US Mountain Standard Time
	PST	US Pacific Standard Time
	XNP_YES_NO_FLAG_DEFAULT_NO	XNP_LOOKUPS

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	N	No
	Y	Yes
REC_SP_TYPE	XNP_SP_TYPE	XNP_LOOKUPS
	DQSP	Directory Inquiry Service Provider
	DSP	Directory Service Provider
	ESE	Emergency Service Enterprise
	MOBILE	Mobile Service Provider
	NPA	Numbering Plan Administrator
	NRC	Number Registration Center
	PTO	Public Telecommunications Operator
REC_TIMEZONE	XNP_TIMEZONE	XNP_LOOKUPS
	CST	US Central Standard Time
	EST	US Eastern Standard Time
	GMT	Greenwich Mean Time
	MST	US Mountain Standard Time
	PST	US Pacific Standard Time
ROUTING_STATUS	XNP_SYNC_STATUS	XNP_LOOKUPS
	IN_SYNC	In Sync
	OUT_SYNC	Out of Sync
	WAIT_SYNC	Waiting for Sync
SUBSCRIPTION_TYPE	XNP_SUBSCRIPTION_TYPE	XNP_LOOKUPS
	EA_INTL	International Toll Carrier
	EA_LD	Domestic Toll Carrier
	EA_LOCAL	Local Toll Carrier
	NP	Local Number Portability

#### Column Descriptions

Name	Null?	Type	Description
SV_SMS_ID (PK)	NOT NULL	NUMBER	Subscription version identifier for SMS
PORTING_ID	NOT NULL	VARCHAR2(80)	Porting identifier
ROUTING_NUMBER_ID	NOT NULL	NUMBER	Routing number identifier of the SMS subscription version
SUBSCRIPTION_TN	NOT NULL	VARCHAR2(20)	Subscription version telephone number
SUBSCRIPTION_TYPE	NOT NULL	VARCHAR2(10)	Indicates the portability type of Equal Access or Number Portability
MEDIATOR_SP_ID	NOT NULL	NUMBER	Number registration center identifier
PROVISION_SENT_DATE	NULL	DATE	Date network data is sent for provisioning
PROVISION_DONE_DATE	NULL	DATE	Date network data is provisioned
CNAM_ADDRESS	NULL	VARCHAR2(80)	Caller naming network address for this subscription version
CNAM_SUBSYSTEM	NULL	VARCHAR2(80)	Caller naming application subsystem for this subscription version
ISVM_ADDRESS	NULL	VARCHAR2(80)	Integrated Services Voice Mail network address for this subscription version
ISVM_SUBSYSTEM	NULL	VARCHAR2(80)	Integrated Services Voice Mail application subsystem for this subscription version

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LIDB_ADDRESS	NULL	VARCHAR2(80)	Line Information Databases network address for this subscription version
LIDB_SUBSYSTEM	NULL	VARCHAR2(80)	Line Information Databases application subsystem for this subscription version
CLASS_ADDRESS	NULL	VARCHAR2(80)	Custom Local Area Signalling Services network address for this subscription version
CLASS_SUBSYSTEM	NULL	VARCHAR2(80)	Custom Local Area Signalling Services application subsystem for this subscription version
WSMSC_ADDRESS	NULL	VARCHAR2(80)	Wireless Short Message Service Centre network address for this subscription version
WSMSC_SUBSYSTEM	NULL	VARCHAR2(80)	Wireless Short Message Service Centre application subsystem for this subscription version
RN_ADDRESS	NULL	VARCHAR2(80)	Routing Number network address for this subscription version
RN_SUBSYSTEM	NULL	VARCHAR2(80)	Routing Number application subsystem for this subscription version
CREATED_BY	NOT NULL	NUMBER(15)	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard who column
NRC_SP_TYPE	NOT NULL	VARCHAR2(20)	Type of the service provider acting as NRC
NRC_CODE	NOT NULL	VARCHAR2(20)	Public code of NRC
NRC_NAME	NOT NULL	VARCHAR2(80)	Name of NRC
NRC_TIMEZONE	NOT NULL	VARCHAR2(10)	Timezone where the NRC operates
NRC_ADDRESS_LINE1	NOT NULL	VARCHAR2(40)	Street address of the NRC
NRC_CITY	NOT NULL	VARCHAR2(40)	City of the NRC
NRC_STATE	NOT NULL	VARCHAR2(40)	State of NRC
NRC_ZIP_CODE	NOT NULL	VARCHAR2(20)	Zip code of the NRC
NRC_COUNTRY	NOT NULL	VARCHAR2(40)	Country where the NRC operates
NRC_PHONE	NOT NULL	VARCHAR2(20)	Phone of the NRC
NRC_ADDRESS_LINE2	NULL	VARCHAR2(40)	Street address of the NRC
NRC_MOBILE	NULL	VARCHAR2(20)	Mobile number of NRC
NRC_FAX	NULL	VARCHAR2(20)	Fax number of NRC
NRC_PAGER	NULL	VARCHAR2(20)	Pager number of NRC
NRC_PAGER_PIN	NULL	VARCHAR2(80)	Pager Pin number of NRC
NRC_EMAIL	NULL	VARCHAR2(80)	Email id of NRC
NRC_INTERNET	NULL	VARCHAR2(40)	Web address of NRC
NRC_DEPT	NULL	VARCHAR2(80)	Department of NRC
ROUTING_REF	NULL	VARCHAR2(80)	External reference id for the routing number
INTERCONNECT_TYPE	NULL	VARCHAR2(10)	Indicates whether Equal Access or Number Portability
ROUTING_SP_ID	NULL	NUMBER	Service Provider involved in routing
ROUTING_NUMBER	NULL	VARCHAR2(20)	Routing number
ROUTING_STATUS	NULL	VARCHAR2(10)	Status of the routing number
REC_SP_ID	NULL	VARCHAR2(80)	Recipient service provider identifier
REC_SP_TYPE	NULL	VARCHAR2(20)	Recipient service provider type
REC_CODE	NULL	VARCHAR2(20)	Public code of the recipient service provider

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REC_NAME	NULL VARCHAR2(80)	Name of the receipt service provider
REC_TIMEZONE	NULL VARCHAR2(10)	Timezone where the receipt service provider operates
REC_SERVED_BY_FLAG	NULL VARCHAR2(1)	Flag to indicate if the recipient service provider is served by the bureau.
REC_ADDRESS_LINE1	NULL VARCHAR2(40)	Street address of recipient service provider
REC_CITY	NULL VARCHAR2(40)	City of recipient service provider
REC_STATE	NULL VARCHAR2(40)	State of recipient service provider
REC_ZIP_CODE	NULL VARCHAR2(20)	Zip Code for recipient service provider
REC_COUNTRY	NULL VARCHAR2(40)	Country of recipient service provider
REC_PHONE	NULL VARCHAR2(20)	Phone num of recipient service provider
REC_ADDRESS_LINE2	NULL VARCHAR2(40)	Street address of recipient service provider
REC_MOBILE	NULL VARCHAR2(20)	Mobile number of recipient service provider
REC_FAX	NULL VARCHAR2(20)	Fax number of recipient service provider
REC_PAGER	NULL VARCHAR2(20)	Pager number of recipient service provider
REC_PAGER_PIN	NULL VARCHAR2(80)	Pager Pin number of recipient service provider
REC_EMAIL	NULL VARCHAR2(80)	Email id of recipient service provider
REC_INTERNET	NULL VARCHAR2(40)	Web address of recipient service provider
REC_DEPT	NULL VARCHAR2(80)	Department of recipient service provider

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## XNP\_SV\_SOA

XNP\_SV\_SOA contains a log of all subscription versions created. This entity will also service subscription version queries and contains a local copy of NRC porting data for a given SP. In case of a service bureau, this entity contains all subscription versions created by its members. The five vertical services that are associated with a telephone line are included in the table. Services may include Caller Naming (CNAM), Integrated Services Voice Mail (ISVM), Line Information Databases (LIDB) for calling card verification, Custom Local Area Signaling Services (CLASS) and Wireless Short Message Service Center (WSMSC).

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XNP_ROUTING_NUMBERS	ROUTING_NUMBER_ID	ROUTING_NUMBER_ID
XNP_SERVICE_PROVIDERS	SP_ID	MEDIATOR_SP_ID
XNP_SERVICE_PROVIDERS	SP_ID	CHANGED_BY_SP_ID
XNP_SERVICE_PROVIDERS	SP_ID	CREATED_BY_SP_ID
XNP_SERVICE_PROVIDERS	SP_ID	DONOR_SP_ID
XNP_SERVICE_PROVIDERS	SP_ID	RECIPIENT_SP_ID
XNP_SV_STATUS_TYPES_B	STATUS_TYPE_CODE	PREV_STATUS_TYPE_CODE
XNP_SV_STATUS_TYPES_B	STATUS_TYPE_CODE	STATUS_TYPE_CODE

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BLOCKED_FLAG	XNP_YES_NO_FLAG_DEFAULT_NO	XNP_LOOKUPS
	N	No
	Y	Yes
CONCURRENCE_FLAG	XNP_YES_NO_FLAG_DEFAULT_NO	XNP_LOOKUPS
	N	No
	Y	Yes
CUSTOMER_CONTACT_REQ_FLAG	XNP_YES_NO_FLAG_DEFAULT_NO	XNP_LOOKUPS
	N	No
	Y	Yes
CUSTOMER_TYPE	XNP_CUSTOMER_TYPE	XNP_LOOKUPS
	BUS	Business
	OTHER	Other
	RES	Residential
LOCKED_FLAG	XNP_YES_NO_FLAG_DEFAULT_NO	XNP_LOOKUPS
	N	No
	Y	Yes
NEW_SP_AUTHORIZATION_FLAG	XNP_YES_NO_FLAG_DEFAULT_YES	XNP_LOOKUPS
	N	No
	Y	Yes
OLD_SP_AUTHORIZATION_FLAG	XNP_YES_NO_FLAG_DEFAULT_YES	XNP_LOOKUPS
	N	No
	Y	Yes
ORDER_PRIORITY	XNP_ORDER_PRIORITY	XNP_LOOKUPS
	E	Express

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	N	Normal
PTO_FLAG	XNP_YES_NO_FLAG_DEFAULT_NO	XNP_LOOKUPS
	N	No
	Y	Yes
RETAIN_DIR_INFO_FLAG	XNP_YES_NO_FLAG_DEFAULT_NO	XNP_LOOKUPS
	N	No
	Y	Yes
RETAIN_TN_FLAG	XNP_YES_NO_FLAG_DEFAULT_NO	XNP_LOOKUPS
	N	No
	Y	Yes
STATUS_CHANGE_CAUSE_CODE	XNP_CHANGE_CAUSE_CODE	XNP_LOOKUPS
	RJ00	Number Ported to Another Operator
	RJ01	A Concurrent Order Request Exist
	RJ02	Number Part of a DDI-Range
	RJ03	Number Not Associated With Stated Subscriber
	RJ04	No Responsibility for Stated Number
	RJ05	Number Not Associated With Any Subscriber
	RJ06	Order Cannot Be Processed Due to Lack of Information
	RJ07	Wished Time for Porting Not Possible
	RJ08	Number Not Portable
	RJ09	Number Has Been Assigned a New Subscriber
	RJ99	Other Reason
SUBSCRIPTION_TYPE	XNP_SUBSCRIPTION_TYPE	XNP_LOOKUPS
	EA_INTL	International Toll Carrier
	EA_LD	Domestic Toll Carrier
	EA_LOCAL	Local Toll Carrier
	NP	Local Number Portability

#### Column Descriptions

Name	Null?	Type	Description
SV_SOA_ID (PK)	NOT NULL	NUMBER	SOA initiated subscription version identifier
OBJECT_REFERENCE	NOT NULL	VARCHAR2(80)	Porting identifier
SUBSCRIPTION_TN	NOT NULL	VARCHAR2(20)	Subscription version telephone number.
SUBSCRIPTION_TYPE	NOT NULL	VARCHAR2(10)	Indicates the portability type of Equal Access or Number Portability
DONOR_SP_ID	NOT NULL	NUMBER	For Equal Access this is long distance service provider and for Number Portability, this is local service provider
RECIPIENT_SP_ID	NOT NULL	NUMBER	For Equal Access , this is long distance service provider for Number Portability , this is local service provider
STATUS_TYPE_CODE	NOT NULL	VARCHAR2(20)	Status Code
PTO_FLAG	NOT NULL	VARCHAR2(1)	Indicates if the porting is to the original service provider.

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CREATED_BY_SP_ID	NULL	NUMBER	Service provider who created the SOA subscription version. Applicable both for Number Registration Center and Service Bureau.
MEDIATOR_SP_ID	NULL	NUMBER	For Equal Access , indicates local service provider and for Number Portability indicates Number Registration Center
CHANGED_BY_SP_ID	NULL	NUMBER	Service provider identifier who last requested a change on the subscription version.
ROUTING_NUMBER_ID	NULL	NUMBER	Routing number identifier for the subscription telephone number assigned by the recipient service provider.
PRE_SPLIT_SUBSCRIPTION_TN	NULL	VARCHAR2(20)	Telephone number for subscription before number range split
PREV_STATUS_TYPE_CODE	NULL	VARCHAR2(20)	Status code before the subscription version status is updated
CNAM_ADDRESS	NULL	VARCHAR2(80)	Caller Naming network address for the subscription version
CNAM_SUBSYSTEM	NULL	VARCHAR2(80)	Caller Naming application subsystem for this subscription version
ISVM_ADDRESS	NULL	VARCHAR2(80)	Integrated Services Voice Mail network address for this subscription version
ISVM_SUBSYSTEM	NULL	VARCHAR2(80)	Integrated Services Voice Mail application subsystem for the subscription version
LIDB_ADDRESS	NULL	VARCHAR2(80)	Line Information Databases network address for this subscription version
LIDB_SUBSYSTEM	NULL	VARCHAR2(80)	Line Information Databases application subsystem for this subscription version
CLASS_ADDRESS	NULL	VARCHAR2(80)	Custom Local Area Signalling Services network address for this subscription version
CLASS_SUBSYSTEM	NULL	VARCHAR2(80)	Custom Local Area Signalling Services application subsystem for this subscription version
WSMSC_ADDRESS	NULL	VARCHAR2(80)	Wireless Short Message Service Centre network address for this subscription version
WSMSC_SUBSYSTEM	NULL	VARCHAR2(80)	Wireless Short Message Service Centre application subsystem for this subscription version
RN_ADDRESS	NULL	VARCHAR2(80)	Routing Number network address for the subscription version
RN_SUBSYSTEM	NULL	VARCHAR2(80)	Routing Number network address for the subscription version
ACTIVATION_DUE_DATE	NULL	DATE	Date the subscription should be activated
NEW_SP_DUE_DATE	NULL	DATE	Due date planned by the new service provider for transfer of service
OLD_SP_DUE_DATE	NULL	DATE	Due date planned by the old Service provider for transfer of service
OLD_SP_CUTOFF_DUE_DATE	NULL	DATE	Date of service cutoff from the old service provider

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EFFECTIVE_RELEASE_DUE_DATE	NULL	DATE	Effective release date of the subscription version
NUMBER_RETURNED_DUE_DATE	NULL	DATE	Due date when the number should be returned to the original service provider
DISCONNECT_DUE_DATE	NULL	DATE	Date the customer's service should be disconnected
INVOICE_DUE_DATE	NULL	DATE	Date the customer's invoice is due
STATUS_CHANGE_DATE	NULL	DATE	Date the subscription version status changed
CREATED_DATE	NULL	DATE	Date the subscription version record was created
MODIFIED_DATE	NULL	DATE	Date the subscription version was last modified
CONCURRENCE_FLAG	NULL	VARCHAR2(1)	Indicates concurrence of both the donor and the receiptient service provider
NEW_SP_AUTHORIZATION_FLAG	NULL	VARCHAR2(1)	Indicates authorization or denial for transfer of service by the new service provider
OLD_SP_AUTHORIZATION_FLAG	NULL	VARCHAR2(1)	Indicates authorization or denial for transfer of service by the old service provider
RETAIN_DIR_INFO_FLAG	NULL	VARCHAR2(1)	Flag to indicate if directory information should be retained
RETAIN_TN_FLAG	NULL	VARCHAR2(1)	Indicates if subscription should be retained
BLOCKED_FLAG	NULL	VARCHAR2(1)	Indicates if the subscription telephone number is blocked or not
LOCKED_FLAG	NULL	VARCHAR2(1)	Indicates if subscription is locked
CUSTOMER_CONTACT_REQ_FLAG	NULL	VARCHAR2(1)	Indicates if contact person is required
BILLING_ID	NULL	NUMBER	Used for billing purpose
USER_LOCTN_VALUE	NULL	VARCHAR2(80)	Used for billing purpose
USER_LOCTN_TYPE	NULL	VARCHAR2(20)	Used for billing purpose
CHARGING_INFO	NULL	VARCHAR2(1996)	Charging information
ORDER_PRIORITY	NULL	VARCHAR2(30)	Priority for the subscription order whether Normal or Express.
STATUS_CHANGE_CAUSE_CODE	NULL	VARCHAR2(20)	Reason for status change
PREORDER_AUTHORIZATION_CODE	NULL	VARCHAR2(20)	Authorization code for changing service provider
CUSTOMER_ID	NULL	VARCHAR2(80)	Customer identifier
CUSTOMER_NAME	NULL	VARCHAR2(80)	Name of the customer
CUSTOMER_TYPE	NULL	VARCHAR2(10)	Type of customer
CONTACT_NAME	NULL	VARCHAR2(80)	Name of contact person
ADDRESS_LINE1	NULL	VARCHAR2(40)	Street address of contact person
ADDRESS_LINE2	NULL	VARCHAR2(40)	Street address of contact person
CITY	NULL	VARCHAR2(40)	City of the contact person.
STATE	NULL	VARCHAR2(40)	State of the contact person.
ZIP_CODE	NULL	VARCHAR2(20)	Zip code.
COUNTRY	NULL	VARCHAR2(40)	Country of contact person.
PHONE	NULL	VARCHAR2(20)	Phone number of contact person
MOBILE	NULL	VARCHAR2(20)	Cellular number of contact person
FAX	NULL	VARCHAR2(20)	Fax number of contact person

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PAGER	NULL	VARCHAR2(20)	Pager number of the contact person
PAGER_PIN	NULL	VARCHAR2(80)	Pager pin number of contact person
EMAIL	NULL	VARCHAR2(80)	Email id of contact person
INTERNET_ADDRESS	NULL	VARCHAR2(40)	Web address of the customer.
PRICE_CODE	NULL	VARCHAR2(20)	Price code used for billing
PRICE_PER_CALL	NULL	NUMBER(15,3)	Price per call used for billing
PRICE_PER_MINUTE	NULL	NUMBER(15,3)	Price per minute used for billing
COMMENTS	NULL	VARCHAR2(1996)	Comments for subscription version
NOTES	NULL	VARCHAR2(1996)	Notes for subscription version
CREATED_BY	NOT NULL	NUMBER(15)	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard who column

#### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_SV_SOA_N1	NOT UNIQUE	1	ROUTING_NUMBER_ID
XNP_SV_SOA_N2	NOT UNIQUE	1	DONOR_SP_ID
XNP_SV_SOA_N3	NOT UNIQUE	1	RECIPIENT_SP_ID
XNP_SV_SOA_N4	NOT UNIQUE	1	CHANGED_BY_SP_ID
XNP_SV_SOA_N5	NOT UNIQUE	1	MEDIATOR_SP_ID
XNP_SV_SOA_N6	NOT UNIQUE	1	STATUS_TYPE_CODE
XNP_SV_SOA_N7	NOT UNIQUE	1	PREV_STATUS_TYPE_CODE
XNP_SV_SOA_N8	NOT UNIQUE	1	CREATED_BY_SP_ID
		2	OBJECT_REFERENCE
XNP_SV_SOA_U1	UNIQUE	5	SV_SOA_ID

#### Sequences

Sequence	Derived Column
XNP_SV_SOA_S	SV_SOA_ID

## XNP\_SV\_SOA\_JN

XNP\_SV\_SOA\_JN is a journalling table for the XNP\_SV\_SOA table.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XNP_ROUTING_NUMBERS	ROUTING_NUMBER_ID	ROUTING_NUMBER_ID
XNP_SERVICE_PROVIDERS	SP_ID	CHANGED_BY_SP_ID
XNP_SERVICE_PROVIDERS	SP_ID	CREATED_BY_SP_ID
XNP_SERVICE_PROVIDERS	SP_ID	DONOR_SP_ID
XNP_SERVICE_PROVIDERS	SP_ID	RECIPIENT_SP_ID
XNP_SERVICE_PROVIDERS	SP_ID	MEDIATOR_SP_ID

### Column Descriptions

Name	Null?	Type	Description
JN_OPERATION (PK)	NOT NULL	VARCHAR2(3)	Action taken on table XNP_SV_SOA
JN_ORACLE_USER (PK)	NOT NULL	VARCHAR2(30)	User which take action on table XNP_SV_SOA
JN_DATETIME (PK)	NOT NULL	DATE	Timestamp when action was taken on table XNP_SV_SOA
JN_NOTES	NULL	VARCHAR2(240)	Notes for action which was taken on table XNP_SV_SOA
JN_APPLN	NULL	VARCHAR2(30)	Application which was used to take action on table XNP_SV_SOA
JN_SESSION	NULL	NUMBER(38)	Session which was used to take action on table XNP_SV_SOA
SV_SOA_ID (PK)	NOT NULL	NUMBER	SOA initiated subscription version identifier
OBJECT_REFERENCE	NULL	VARCHAR2(80)	Porting Identifier
SUBSCRIPTION_TN	NULL	VARCHAR2(20)	Subscription Telephone Number
SUBSCRIPTION_TYPE	NULL	VARCHAR2(10)	Indicates the portability type which is either Equal Access or Number Portability.
DONOR_SP_ID	NULL	NUMBER	For Equal Access , this is long distance service provider and for Number Portability, this is local Service Provider
RECIPIENT_SP_ID	NULL	NUMBER	For Equal Access , this is long distance service provider.for NP , this is local service provider
STATUS_TYPE_CODE	NULL	VARCHAR2(20)	Status Code
PTO_FLAG	NULL	VARCHAR2(1)	Indicates if the porting is to a original Service Provider.
CREATED_BY_SP_ID	NULL	NUMBER	Service provider who created it which is applicable both for Number Registration Centre and Service Bureau.
MEDIATOR_SP_ID	NULL	NUMBER	For Equal Access , it indicates local Service Provider and for Number Portability indicates Number Registration Centre.
CHANGED_BY_SP_ID	NULL	NUMBER	Applicable to NRC when acceptance for porting a TN is received from both the Service providers then the same record for subscription version is updated or changed with the changed service provider id.

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ROUTING_NUMBER_ID	NULL	NUMBER	Routing number identifier for the subscription telephone number given by the receipt service provider.
PRE_SPLIT_SUBSCRIPTION_TN	NULL	VARCHAR2(20)	Telephone number for subscription before number range split
PREV_STATUS_TYPE_CODE	NULL	VARCHAR2(20)	Status code before the subscription version status is updated
CNAM_ADDRESS	NULL	VARCHAR2(80)	Caller Naming network address for the subscription version
CNAM_SUBSYSTEM	NULL	VARCHAR2(80)	Caller Naming application subsystem for this subscription version
ISVM_ADDRESS	NULL	VARCHAR2(80)	Integrated Services Voice Mail network address for this subscription version
ISVM_SUBSYSTEM	NULL	VARCHAR2(80)	Integrated Services Voice Mail application subsystem for the subscription version
LIDB_ADDRESS	NULL	VARCHAR2(80)	Line Information Databases network address for this subscription version
LIDB_SUBSYSTEM	NULL	VARCHAR2(80)	Line Information Databases application subsystem for this subscription version
CLASS_ADDRESS	NULL	VARCHAR2(80)	Custom Local Area Signalling Services network address for this subscription version
CLASS_SUBSYSTEM	NULL	VARCHAR2(80)	Custom Local Area Signalling Services application subsystem for this subscription version
WSMSC_ADDRESS	NULL	VARCHAR2(80)	Wireless Short Message Service Centre network address for this subscription version
WSMSC_SUBSYSTEM	NULL	VARCHAR2(80)	Wireless Short Message Service Centre application subsystem for this subscription version
RN_ADDRESS	NULL	VARCHAR2(80)	Routing Number network address for the subscription version
RN_SUBSYSTEM	NULL	VARCHAR2(80)	Routing Number application subsystem for this subscription version
ACTIVATION_DUE_DATE	NULL	DATE	Date the subscription should be activated
NEW_SP_DUE_DATE	NULL	DATE	Due date planned by the new service provider for transfer of service
OLD_SP_DUE_DATE	NULL	DATE	Due date planned by the old Service provider for transfer of service
OLD_SP_CUTOFF_DUE_DATE	NULL	DATE	Date of service cutoff from the old service provider
EFFECTIVE_RELEASE_DUE_DATE	NULL	DATE	Effective release date of the subscription version.
NUMBER_RETURNED_DUE_DATE	NULL	DATE	Due date on which the number is to be returned to the original Service provider
DISCONNECT_DUE_DATE	NULL	DATE	Date that the customer's service should be disconnected
INVOICE_DUE_DATE	NULL	DATE	Date the customer's invoice is due
STATUS_CHANGE_DATE	NULL	DATE	Date the subscription version status changed

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CREATED_DATE	NULL DATE	Date the subscription version record was created
MODIFIED_DATE	NULL DATE	Date the subscription version was last modified
CONCURRENCE_FLAG	NULL VARCHAR2(1)	Indicates concurrence of both the donor and the receiptant service provider
NEW_SP_AUTHORIZATION_FLAG	NULL VARCHAR2(1)	Indicates authorization or denial for transfer of service by the new service provider
OLD_SP_AUTHORIZATION_FLAG	NULL VARCHAR2(1)	Indicates authorization or denial for transfer of service by the old service provider
RETAIN_DIR_INFO_FLAG	NULL VARCHAR2(1)	Indicates if directory information should be retained
RETAIN_TN_FLAG	NULL VARCHAR2(1)	Indicates if subscription should be retained
BLOCKED_FLAG	NULL VARCHAR2(1)	Indicates if the subscription telephone number is blocked or not
LOCKED_FLAG	NULL VARCHAR2(1)	Indicates if subscription is locked
CUSTOMER_CONTACT_REQ_FLAG	NULL VARCHAR2(1)	Indicates if contact person is required
BILLING_ID	NULL NUMBER	Used for billing purpose
USER_LOCTN_VALUE	NULL VARCHAR2(80)	Used for billing purpose
USER_LOCTN_TYPE	NULL VARCHAR2(20)	Used for billing purpose
CHARGING_INFO	NULL VARCHAR2(1996)	Charging information
ORDER_PRIORITY	NULL VARCHAR2(30)	Priority for the subscription order whether Normal or Express
STATUS_CHANGE_CAUSE_CODE	NULL VARCHAR2(20)	Reason for status change
PREORDER_AUTHORIZATION_CODE	NULL VARCHAR2(20)	Authorization code for changing service provider
CUSTOMER_ID	NULL VARCHAR2(80)	Customer identifier
CUSTOMER_NAME	NULL VARCHAR2(80)	Name of customer
CUSTOMER_TYPE	NULL VARCHAR2(10)	Type of customer
CONTACT_NAME	NULL VARCHAR2(80)	Name of the contact person
ADDRESS_LINE1	NULL VARCHAR2(40)	Street address of the contact person
ADDRESS_LINE2	NULL VARCHAR2(40)	Street address of the contact person
CITY	NULL VARCHAR2(40)	City of the contact person
STATE	NULL VARCHAR2(40)	State of the contact person
ZIP_CODE	NULL VARCHAR2(20)	Zip code
COUNTRY	NULL VARCHAR2(40)	Country of the contact person
PHONE	NULL VARCHAR2(20)	Phone number of the contact person
MOBILE	NULL VARCHAR2(20)	Cellular number of the contact person
FAX	NULL VARCHAR2(20)	Fax number of the contact person
PAGER	NULL VARCHAR2(20)	Pager number of the contact person
PAGER_PIN	NULL VARCHAR2(80)	Pager pin number of the contact person
EMAIL	NULL VARCHAR2(80)	Email address of the contact person
INTERNET_ADDRESS	NULL VARCHAR2(40)	Web address of the contact person
PRICE_CODE	NULL VARCHAR2(20)	Price code used for billing
PRICE_PER_CALL	NULL NUMBER(15,3)	Price per call used for billing

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PRICE_PER_MINUTE	NULL	NUMBER(15,3)	Price per minute used for billing
CREATED_BY	NULL	NUMBER(15)	Standard who column
CREATION_DATE	NULL	DATE	Standard who column
LAST_UPDATED_BY	NULL	NUMBER(15)	Standard who column
LAST_UPDATE_DATE	NULL	DATE	Standard who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard who column

---

## XNP\_SV\_SOA\_VL

SNP\_SV\_SOA\_VL shows porting information for a single telephone number.

### *View Definition*

```
CREATE VIEW XNP_SV_SOA_VL
as SELECT
    SVA.SV_SOA_ID,
    SVA.OBJECT_REFERENCE PORTING_ID,
    SVA.SUBSCRIPTION_TN,
    SVA.SUBSCRIPTION_TYPE,
    SVA.DONOR_SP_ID,
    SVA.RECIPIENT_SP_ID,
    SVA.STATUS_TYPE_CODE,
    SVA.PTO_FLAG,
    SVA.CREATED_BY_SP_ID,
    SVA.CHANGED_BY_SP_ID,
    SVA.MEDIATOR_SP_ID,
    SVA.ROUTING_NUMBER_ID,
    SVA.PRE_SPLIT_SUBSCRIPTION_TN,
    SVA.PREV_STATUS_TYPE_CODE,
    SVA.CNAM_ADDRESS,
    SVA.CNAM_SUBSYSTEM,
    SVA.ISVM_ADDRESS,
    SVA.ISVM_SUBSYSTEM,
    SVA.LIDB_ADDRESS,
    SVA.LIDB_SUBSYSTEM,
    SVA.CLASS_ADDRESS,
    SVA.CLASS_SUBSYSTEM,
    SVA.WSMSC_ADDRESS,
    SVA.WSMSC_SUBSYSTEM,
    SVA.RN_ADDRESS,
    SVA.RN_SUBSYSTEM,
    SVA.ACTIVATION_DUE_DATE,
    SVA.NEW_SP_DUE_DATE,
    SVA.OLD_SP_DUE_DATE,
    SVA.OLD_SP_CUTOFF_DUE_DATE,
    SVA.EFFECTIVE_RELEASE_DUE_DATE,
    SVA.NUMBER_RETURNED_DUE_DATE,
    SVA.DISCONNECT_DUE_DATE,
    SVA.INVOICE_DUE_DATE,
    SVA.STATUS_CHANGE_DATE,
    SVA.CREATED_DATE,
    SVA.MODIFIED_DATE,
    SVA.CONCURRENCE_FLAG,
    SVA.NEW_SP_AUTHORIZATION_FLAG,
    SVA.OLD_SP_AUTHORIZATION_FLAG,
    SVA.RETAIN_DIR_INFO_FLAG,
    SVA.RETAIN_TN_FLAG,
    SVA.BLOCKED_FLAG,
    SVA.LOCKED_FLAG,
    SVA.CUSTOMER_CONTACT_REQ_FLAG,
    SVA.BILLING_ID,
    SVA.USER_LOCTN_VALUE,
```

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```

SVA.USER_LOCTN_TYPE,
SVA.CHARGING_INFO,
SVA.ORDER_PRIORITY,
SVA.STATUS_CHANGE_CAUSE_CODE,
SVA.PREORDER_AUTHORIZATION_CODE,
SVA.CUSTOMER_ID,
SVA.CUSTOMER_NAME,
SVA.CUSTOMER_TYPE,
SVA.CONTACT_NAME,
SVA.ADDRESS_LINE1,
SVA.ADDRESS_LINE2,
SVA.CITY,
SVA.STATE,
SVA.ZIP_CODE,
SVA.COUNTRY,
SVA.PHONE,
SVA.MOBILE,
SVA.FAX,
SVA.PAGER,
SVA.PAGER_PIN,
SVA.EMAIL,
SVA.INTERNET_ADDRESS,
SVA.PRICE_CODE,
SVA.PRICE_PER_CALL,
SVA.PRICE_PER_MINUTE,
SVA.CREATED_BY,
SVA.CREATION_DATE,
SVA.LAST_UPDATED_BY,
SVA.LAST_UPDATE_DATE,
SVA.LAST_UPDATE_LOGIN,
STE_B.PHASE_INDICATOR STATUS_PHASE,
STE_TL.DISPLAY_NAME STATUS_DISPLAY_NAME

STE_TL.DESCRPTION STATUS_DESC,
SPR_DON.SP_TYPE DON_TYPE,
SPR_DON.CODE DON_CODE,
SPR_DON.NAME DON_NAME,
SPR_DON.TIMEZONE DON_TIMEZONE,
SPR_DON.SERVED_BY_FLAG DON_SERVED_BY_FLAG,
SPR_DON.ADDRESS_LINE1 DON_ADDRESS_LINE1,
SPR_DON.CITY DON_CITY,
SPR_DON.STATE DON_STATE,
SPR_DON.ZIP_CODE DON_ZIP_CODE,
SPR_DON.COUNTRY DON_COUNTRY,
SPR_DON.PHONE DON_PHONE,
SPR_DON.ADDRESS_LINE2 DON_ADDRESS_LINE2,
SPR_DON.MOBILE DON_MOBILE,
SPR_DON.FAX DON_FAX,
SPR_DON.PAGER DON_PAGER,
SPR_DON.PAGER_PIN DON_PAGER_PIN,
SPR_DON.EMAIL DON_EMAIL,
SPR_DON.INTERNET_ADDRESS DON_INTERNET,
SPR_DON.DEPARTMENT DON_DEPT,
SPR_REC.SP_TYPE REC_SP_TYPE,
SPR_REC.CODE REC_CODE,
SPR_REC.NAME REC_NAME,
SPR_REC.TIMEZONE REC_TIMEZONE,

```

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```

SPR_REC.SERVED_BY_FLAG REC_SERVED_BY_FLAG,
SPR_REC.ADDRESS_LINE1 REC_ADDRESS_LINE1,
SPR_REC.CITY REC_CITY,
SPR_REC.STATE REC_STATE,
SPR_REC.ZIP_CODE REC_ZIP_CODE,
SPR_REC.COUNTRY REC_COUNTRY,
SPR_REC.PHONE REC_PHONE,
SPR_REC.ADDRESS_LINE2 REC_ADDRESS_LINE2,
SPR_REC.MOBILE REC_MOBILE,
SPR_REC.FAX REC_FAX,
SPR_REC.PAGER REC_PAGER,
SPR_REC.PAGER_PIN REC_PAGER_PIN,
SPR_REC.EMAIL REC_EMAIL,
SPR_REC.INTERNET_ADDRESS REC_INTERNET,
SPR_REC.DEPARTMENT REC_DEPT,
SPR_NRC.SP_TYPE NRC_SP_TYPE,
SPR_NRC.CODE NRC_CODE,
SPR_NRC.NAME NRC_NAME,
SPR_NRC.TIMEZONE NRC_TIMEZONE,
SPR_NRC.SERVED_BY_FLAG NRC_SERVED_BY_FLAG,
SPR_NRC.ADDRESS_LINE1 NRC_ADDRESS_LINE1,
SPR_NRC.CITY NRC_CITY,
SPR_NRC.STATE NRC_STATE,
SPR_NRC.ZIP_CODE NRC_ZIP_CODE,
SPR_NRC.COUNTRY NRC_COUNTRY,
SPR_NRC.PHONE NRC_PHONE,
SPR_NRC.ADDRESS_LINE2 NRC_ADDRESS_LINE2,
SPR_NRC.MOBILE NRC_MOBILE,
SPR_NRC.FAX NRC_FAX,
SPR_NRC.PAGER NRC_PAGER,
SPR_NRC.PAGER_PIN NRC_PAGER_PIN,
SPR_NRC.EMAIL NRC_EMAIL,
SPR_NRC.INTERNET_ADDRESS NRC_INTERNET,
SPR_NRC.DEPARTMENT NR
C_DEPT,
SPR_OWN.SP_ID OWN_SP_ID,
SPR_OWN.SP_TYPE OWN_SP_TYPE,
SPR_OWN.CODE OWN_CODE,
SPR_OWN.NAME OWN_NAME,
SPR_OWN.TIMEZONE OWN_TIMEZONE,
SPR_OWN.SERVED_BY_FLAG OWN_SERVED_BY_FLAG,
SPR_OWN.ADDRESS_LINE1 OWN_ADDRESS_LINE1,
SPR_OWN.CITY OWN_CITY,
SPR_OWN.STATE OWN_STATE,
SPR_OWN.ZIP_CODE OWN_ZIP_CODE,
SPR_OWN.COUNTRY OWN_COUNTRY,
SPR_OWN.PHONE OWN_PHONE,
SPR_OWN.ADDRESS_LINE2 OWN_ADDRESS_LINE2,
SPR_OWN.MOBILE OWN_MOBILE,
SPR_OWN.FAX OWN_FAX,
SPR_OWN.PAGER OWN_PAGER,
SPR_OWN.PAGER_PIN OWN_PAGER_PIN,
SPR_OWN.EMAIL OWN_EMAIL,
SPR_OWN.INTERNET_ADDRESS OWN_INTERNET,
SPR_OWN.DEPARTMENT OWN_DEPT,
RNR.OBJECT_REFERENCE ROUTING_REF,
RNR.INTERCONNECT_TYPE INTERCONNECT_TYPE,

```

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```

RNR.SP_ID ROUTING_SP_ID,
RNR.ROUTING_NUMBER ROUTING_NUMBER,
RNR.STATUS ROUTING_STATUS,
SVA.COMMENTS,
SVA.NOTES
FROM
  XNP_SV_SOA SVA,
  XNP_SV_STATUS_TYPES_B STE_B,
  XNP_SV_STATUS_TYPES_TL STE_TL,
  XNP_SERVICE_PROVIDERS SPR_DON,
  XNP_SERVICE_PROVIDERS SPR_REC,
  XNP_SERVICE_PROVIDERS SPR_NRC,
  XNP_SERVICE_PROVIDERS SPR_OWN,
  XNP_ROUTING_NUMBERS RNR
  Where ( SVA.STATUS_TYPE_CODE=STE_B.STATUS_TYPE_CODE ) AND
( STE_B.STATUS_TYPE_CODE=STE_TL.STATUS_TYPE_CODE ) AND
( STE_TL.LANGUAGE = userenv('LANG')) AND
( SVA.DONOR_SP_ID=SPR_DON.SP_ID ) AND
( SVA.RECIPIENT_SP_ID=SPR_REC.SP_ID ) AND
( SVA.MEDIATOR_SP_ID=SPR_NRC.SP_ID (+)) AND
( SVA.CREATED_BY_SP_ID=SPR_OWN.SP_ID ) AND
( SVA.ROUTING_NUMBER_ID=RNR.ROUTING_NUMBER_ID (+) )

```

#### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BLOCKED_FLAG	XNP_YES_NO_FLAG_DEFAULT_YES	XNP_LOOKUPS
	N	No
	Y	Yes
CONCURRENCE_FLAG	XNP_YES_NO_FLAG_DEFAULT_YES	XNP_LOOKUPS
	N	No
	Y	Yes
CUSTOMER_CONTACT_REQ_FLAG	XNP_YES_NO_FLAG_DEFAULT_YES	XNP_LOOKUPS
	N	No
	Y	Yes
CUSTOMER_TYPE	XNP_CUSTOMER_TYPE	XNP_LOOKUPS
	BUS	Business
	OTHER	Other
	RES	Residential
DON_SERVED_BY_FLAG	XNP_YES_NO_FLAG_DEFAULT_YES	XNP_LOOKUPS
	N	No
	Y	Yes
DON_SP_TYPE	XNP_SP_TYPE	XNP_LOOKUPS
	DQSP	Directory Inquiry Service Provider
	DSP	Directory Service Provider
	ESE	Emergency Service Enterprise
	MOBILE	Mobile Service Provider
	NPA	Numbering Plan Administrator
	NRC	Number Registration Center
	PTO	Public Telecommunications Operator
DON_TIMEZONE	XNP_TIMEZONE	XNP_LOOKUPS
	CST	US Central Standard Time

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	EST	US Eastern Standard Time
	GMT	Greenwich Mean Time
	MST	US Mountain Standard Time
	PST	US Pacific Standard Time
INTERCONNECT_TYPE	XNP_INTERCONNECT_TYPE	XNP_LOOKUPS
	LRN	Local Routing Number
	PIC	Primary Interexchange Carrier
LOCKED_FLAG	XNP_YES_NO_FLAG_DEFAULT_YES	XNP_LOOKUPS
	N	No
	Y	Yes
NEW_SP_AUTHORIZATION_FLAG	XNP_YES_NO_FLAG_DEFAULT_YES	XNP_LOOKUPS
	N	No
	Y	Yes
NRC_SERVED_BY_FLAG	XNP_YES_NO_FLAG_DEFAULT_YES	XNP_LOOKUPS
	N	No
	Y	Yes
NRC_SP_TYPE	XNP_SP_TYPE	XNP_LOOKUPS
	DQSP	Directory Inquiry Service Provider
	DSP	Directory Service Provider
	ESE	Emergency Service Enterprise
	MOBILE	Mobile Service Provider
	NPA	Numbering Plan Administrator
	NRC	Number Registration Center
	PTO	Public Telecommunications Operator
NRC_TIMEZONE	XNP_TIMEZONE	XNP_LOOKUPS
	CST	US Central Standard Time
	EST	US Eastern Standard Time
	GMT	Greenwich Mean Time
	MST	US Mountain Standard Time
	PST	US Pacific Standard Time
OLD_SP_AUTHORIZATION_FLAG	XNP_YES_NO_FLAG_DEFAULT_YES	XNP_LOOKUPS
	N	No
	Y	Yes
ORDER_PRIORITY	XNP_ORDER_PRIORITY	XNP_LOOKUPS
	E	Express
	N	Normal
OWN_SERVED_BY_FLAG	XNP_YES_NO_FLAG_DEFAULT_YES	XNP_LOOKUPS
	N	No
	Y	Yes
OWN_SP_TYPE	XNP_SP_TYPE	XNP_LOOKUPS
	DQSP	Directory Inquiry Service Provider
	DSP	Directory Service Provider
	ESE	Emergency Service Enterprise
	MOBILE	Mobile Service Provider
	NPA	Numbering Plan Administrator
	NRC	Number Registration Center
	PTO	Public Telecommunications Operator
OWN_TIMEZONE	XNP_TIMEZONE	XNP_LOOKUPS
	CST	US Central Standard Time

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	EST	US Eastern Standard Time
	GMT	Greenwich Mean Time
	MST	US Mountain Standard Time
	PST	US Pacific Standard Time
PTO_FLAG	XNP_YES_NO_FLAG_DEFAULT_NO	XNP_LOOKUPS
	N	No
	Y	Yes
REC_SERVED_BY_FLAG	XNP_YES_NO_FLAG_DEFAULT_YES	XNP_LOOKUPS
	N	No
	Y	Yes
REC_SP_TYPE	XNP_SP_TYPE	XNP_LOOKUPS
	DQSP	Directory Inquiry Service Provider
	DSP	Directory Service Provider
	ESE	Emergency Service Enterprise
	MOBILE	Mobile Service Provider
	NPA	Numbering Plan Administrator
	NRC	Number Registration Center
	PTO	Public Telecommunications Operator
REC_TIMEZONE	XNP_TIMEZONE	XNP_LOOKUPS
	CST	US Central Standard Time
	EST	US Eastern Standard Time
	GMT	Greenwich Mean Time
	MST	US Mountain Standard Time
	PST	US Pacific Standard Time
RETAIN_DIR_INFO_FLAG	XNP_YES_NO_FLAG_DEFAULT_YES	XNP_LOOKUPS
	N	No
	Y	Yes
RETAIN_TN_FLAG	XNP_YES_NO_FLAG_DEFAULT_YES	XNP_LOOKUPS
	N	No
	Y	Yes
ROUTING_STATUS	XNP_SYNC_STATUS	XNP_LOOKUPS
	IN_SYNC	In Sync
	OUT_SYNC	Out of Sync
	WAIT_SYNC	Waiting for Sync
STATUS_PHASE	XNP_PHASE_INDICATOR	XNP_LOOKUPS
	ACTIVE	Active
	INQUIRY	Inquiry
	OLD	Old
	ORDER	Ordering
SUBSCRIPTION_TYPE	XNP_SUBSCRIPTION_TYPE	XNP_LOOKUPS
	EA_INTL	International Toll Carrier
	EA_LD	Domestic Toll Carrier
	EA_LOCAL	Local Toll Carrier
	NP	Local Number Portability

#### Column Descriptions

Name	Null?	Type	Description
SV_SOA_ID	NOT NULL	NUMBER	SOA initiated subscription version identifier
PORTING_ID	NOT NULL	VARCHAR2(80)	External reference ID for this SV SOA

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SUBSCRIPTION_TN	NOT NULL	VARCHAR2(20)	Subscription version or telephone number
SUBSCRIPTION_TYPE	NOT NULL	VARCHAR2(10)	Indicates the portability type which is either equal access or number portability
DONOR_SP_ID	NOT NULL	NUMBER	For equal access , this is long distance service provider and for number portability, this is local service provider
RECIPIENT_SP_ID	NOT NULL	NUMBER	For equal access , this is long distance service provider and for number portability, this is local service provider
STATUS_TYPE_CODE	NOT NULL	VARCHAR2(20)	Status type code
PTO_FLAG	NOT NULL	VARCHAR2(1)	Indicates if the porting is to a original service provider
CREATED_BY_SP_ID	NOT NULL	NUMBER	Service provider who created it which is applicable both for number registration centre and service bureau
CHANGED_BY_SP_ID	NULL	NUMBER	Applicable to NRC when acceptance for porting a TN is received from both the Service providers then the same record for subscription version is updated or changed with the changed service provider id.
MEDIATOR_SP_ID	NULL	NUMBER	For equal access , it indicates local service provider and for number portability indicates number registration centre
ROUTING_NUMBER_ID	NULL	NUMBER	Routing number identifier for the subscription telephone number given by the recipient service provider
PRE_SPLIT_SUBSCRIPTION_TN	NULL	VARCHAR2(20)	Telephone number for subscription before number range split
PREV_STATUS_TYPE_CODE	NULL	VARCHAR2(20)	Status code before updation of the record
CNAM_ADDRESS	NULL	VARCHAR2(80)	Call naming network address for the subscription version
CNAM_SUBSYSTEM	NULL	VARCHAR2(80)	Call naming application subsystem for this subscription version
ISVM_ADDRESS	NULL	VARCHAR2(80)	Integrated services voice mail network address for this subscription version
ISVM_SUBSYSTEM	NULL	VARCHAR2(80)	Integrated sevicees voice mail subsystem address for this subscription version
LIDB_ADDRESS	NULL	VARCHAR2(80)	Line information databases network address for this subscription version
LIDB_SUBSYSTEM	NULL	VARCHAR2(80)	Line information databases application subsystem for this subscription version
CLASS_ADDRESS	NULL	VARCHAR2(80)	Custom local area signalling services network address for this subscription version
CLASS_SUBSYSTEM	NULL	VARCHAR2(80)	Custom local area signalling services application subsystem for this subscription version
WSMSC_ADDRESS	NULL	VARCHAR2(80)	Wireless short message service centre network address for this subscription version

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WSMSC_SUBSYSTEM	NULL	VARCHAR2(80)	Wireless short message service centre application subsystem for this subscription version
RN_ADDRESS	NULL	VARCHAR2(80)	Routing number network address for the subscription version
RN_SUBSYSTEM	NULL	VARCHAR2(80)	Routing number network address for the subscription version
ACTIVATION_DUE_DATE	NULL	DATE	Date at which subscription should be activated
NEW_SP_DUE_DATE	NULL	DATE	Due date planned by the new service provider for service transfer
OLD_SP_DUE_DATE	NULL	DATE	Due date planned by old service provider for transfer of service
OLD_SP_CUTOFF_DUE_DATE	NULL	DATE	Date of service cutoff from the old service provider
EFFECTIVE_RELEASE_DUE_DATE	NULL	DATE	Effective release date of the subscription version
NUMBER_RETURNED_DUE_DATE	NULL	DATE	Due date on which the number is to be returned to the original service provider
DISCONNECT_DUE_DATE	NULL	DATE	Date that the customer's service is to be disconnected
INVOICE_DUE_DATE	NULL	DATE	Date the customer's invoice is due
STATUS_CHANGE_DATE	NULL	DATE	Date the subscription version status changed
CREATED_DATE	NULL	DATE	Date the subscription version record was created
MODIFIED_DATE	NULL	DATE	Date the subscription version was last modified
CONCURRENCE_FLAG	NULL	VARCHAR2(1)	Indicates concurrence of both the donor and the recipient service provider
NEW_SP_AUTHORIZATION_FLAG	NULL	VARCHAR2(1)	Indicates authorization or denial for transfer of service by the new service provider
OLD_SP_AUTHORIZATION_FLAG	NULL	VARCHAR2(1)	Indicates authorization or denial for transfer of service by the old service provider
RETAIN_DIR_INFO_FLAG	NULL	VARCHAR2(1)	Flag to indicate if directory information is to be retained or not.
RETAIN_TN_FLAG	NULL	VARCHAR2(1)	Flag to indicate if subscription should be retained
BLOCKED_FLAG	NULL	VARCHAR2(1)	Flag to indicate if the subscription telephone number is blocked or not
LOCKED_FLAG	NULL	VARCHAR2(1)	Flag to indicate if subscription is locked
CUSTOMER_CONTACT_REQ_FLAG	NULL	VARCHAR2(1)	Flag to indicate if contact person is required
BILLING_ID	NULL	NUMBER	Used for billing purpose
USER_LOCTN_VALUE	NULL	VARCHAR2(80)	Used for billing purpose
USER_LOCTN_TYPE	NULL	VARCHAR2(20)	Used for billing purpose
CHARGING_INFO	NULL	VARCHAR2(2000)	Charging information
ORDER_PRIORITY	NULL	VARCHAR2(30)	Priority for the subscription order whether normal or express
STATUS_CHANGE_CAUSE_CODE	NULL	VARCHAR2(20)	Reason for status change
PREORDER_AUTHORIZATION_CODE	NULL	VARCHAR2(20)	Authorization code for changing service provider
CUSTOMER_ID	NULL	VARCHAR2(80)	Customer identifier
CUSTOMER_NAME	NULL	VARCHAR2(80)	Name of the customer

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CUSTOMER_TYPE	NULL	VARCHAR2(10)	Type of customer
CONTACT_NAME	NULL	VARCHAR2(80)	Name of the contact person
ADDRESS_LINE1	NULL	VARCHAR2(40)	Street address of the service provider's contact person
ADDRESS_LINE2	NULL	VARCHAR2(40)	Street address of the service provider's contact person
CITY	NULL	VARCHAR2(40)	City name for the service provider's contact person
STATE	NULL	VARCHAR2(40)	State name for the service provider's contact person
ZIP_CODE	NULL	VARCHAR2(20)	Zip code for the service provider's contact person
COUNTRY	NULL	VARCHAR2(40)	Country for the service provider's contact person
PHONE	NULL	VARCHAR2(20)	Phone number of the service provider's contact person
MOBILE	NULL	VARCHAR2(20)	Mobile number of the service provider's contact person
FAX	NULL	VARCHAR2(20)	Fax number of the service provider's contact person
PAGER	NULL	VARCHAR2(20)	Pager number of the service provider's contact person
PAGER_PIN	NULL	VARCHAR2(80)	Pager pin number of the service provider's contact person
EMAIL	NULL	VARCHAR2(80)	Email id of the service provider's contact person
INTERNET_ADDRESS	NULL	VARCHAR2(40)	Internet address of the service provider's contact person
PRICE_CODE	NULL	VARCHAR2(20)	Price code used for billing
PRICE_PER_CALL	NULL	NUMBER(15,3)	Price per call used for billing
PRICE_PER_MINUTE	NULL	NUMBER(15,3)	Price per minute used for billing
CREATED_BY	NOT NULL	NUMBER(15)	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard who column
STATUS_PHASE	NOT NULL	VARCHAR2(20)	Indicates the phase of the status type code
STATUS_DISPLAY_NAME	NOT NULL	VARCHAR2(40)	Display name of the status
STATUS_DESC	NULL	VARCHAR2(2000)	Description of the status
DON_SP_TYPE	NOT NULL	VARCHAR2(20)	Service provider type of the donor
DON_CODE	NOT NULL	VARCHAR2(20)	Public code of the donor service provider
DON_NAME	NOT NULL	VARCHAR2(80)	Name of the donor service provider
DON_TIMEZONE	NOT NULL	VARCHAR2(10)	Time zone of the donor service provider
DON_SERVED_BY_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if the donor service provider is served by the bureau
DON_ADDRESS_LINE1	NOT NULL	VARCHAR2(40)	Street address of the donor service provider's contact person
DON_CITY	NOT NULL	VARCHAR2(40)	City of the donor service provider's contact person
DON_STATE	NOT NULL	VARCHAR2(40)	State of the donor service provider's contact person

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DON_ZIP_CODE	NOT NULL	VARCHAR2(20)	Zip code of the donor service provider's contact person
DON_COUNTRY	NOT NULL	VARCHAR2(40)	Country of the donor service provider's contact person
DON_PHONE	NOT NULL	VARCHAR2(20)	Phone number of the donor service provider's contact person
DON_ADDRESS_LINE2	NULL	VARCHAR2(40)	Street address of the donor service provider's contact person
DON_MOBILE	NULL	VARCHAR2(20)	Mobile number of the donor service provider's contact person
DON_FAX	NULL	VARCHAR2(20)	Fax number of the donor service provider's contact person
DON_PAGER	NULL	VARCHAR2(20)	Pager number of the donor service provider's contact person
DON_PAGER_PIN	NULL	VARCHAR2(80)	Pager pin of the donor service provider's contact person
DON_EMAIL	NULL	VARCHAR2(80)	Email id of the donor service provider
DON_INTERNET	NULL	VARCHAR2(40)	Internet address of the donor service provider
DON_DEPT	NULL	VARCHAR2(80)	Department name of the donor service provider
REC_SP_TYPE	NOT NULL	VARCHAR2(20)	Service provider type of the recipient
REC_CODE	NOT NULL	VARCHAR2(20)	Public code of the recipient service provider
REC_NAME	NOT NULL	VARCHAR2(80)	Name of the recipient service provider
REC_TIMEZONE	NOT NULL	VARCHAR2(10)	Timezone of the recipient service provider
REC_SERVED_BY_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if the recipient service provider is served by the bureau
REC_ADDRESS_LINE1	NOT NULL	VARCHAR2(40)	Street address of the recipient service provider's contact person.
REC_CITY	NOT NULL	VARCHAR2(40)	City of the recipient service provider
REC_STATE	NOT NULL	VARCHAR2(40)	State of the recipient service provider
REC_ZIP_CODE	NOT NULL	VARCHAR2(20)	Zipcode of the recipient service provider
REC_COUNTRY	NOT NULL	VARCHAR2(40)	Country of the recipient service provider
REC_PHONE	NOT NULL	VARCHAR2(20)	Phone number of the recipient service provider
REC_ADDRESS_LINE2	NULL	VARCHAR2(40)	Street address of the recipient service provider
REC_MOBILE	NULL	VARCHAR2(20)	Mobile number of the recipient service provider
REC_FAX	NULL	VARCHAR2(20)	Fax number of the recipient service provider
REC_PAGER	NULL	VARCHAR2(20)	Pager number of the recipient service provider
REC_PAGER_PIN	NULL	VARCHAR2(80)	Pager pin of the recipient service provider
REC_EMAIL	NULL	VARCHAR2(80)	Email id of the recipient service provider
REC_INTERNET	NULL	VARCHAR2(40)	Internet address of the recipient service provider

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REC_DEPT	NULL	VARCHAR2(80)	Department name of the recipient service provider's contact person.
NRC_SP_TYPE	NOT NULL	VARCHAR2(20)	Service provider type of the number registration center
NRC_CODE	NOT NULL	VARCHAR2(20)	Public code of the number registration center
NRC_NAME	NOT NULL	VARCHAR2(80)	Name of the number registration center
NRC_TIMEZONE	NOT NULL	VARCHAR2(10)	Timezone of the number registration center
NRC_SERVED_BY_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if the number registration center is served by the bureau
NRC_ADDRESS_LINE1	NOT NULL	VARCHAR2(40)	Street address of the number registration center
NRC_CITY	NOT NULL	VARCHAR2(40)	City of the number registration center
NRC_STATE	NOT NULL	VARCHAR2(40)	State of the number registration center
NRC_ZIP_CODE	NOT NULL	VARCHAR2(20)	Zip code of the number registration center
NRC_COUNTRY	NOT NULL	VARCHAR2(40)	Country of the number registration center
NRC_PHONE	NOT NULL	VARCHAR2(20)	Phone number of the number registration center
NRC_ADDRESS_LINE2	NULL	VARCHAR2(40)	Street address of the number registration center
NRC_MOBILE	NULL	VARCHAR2(20)	Mobile number of the number registration center
NRC_FAX	NULL	VARCHAR2(20)	Fax number of the number registration center
NRC_PAGER	NULL	VARCHAR2(20)	Pager number of the number registration center
NRC_PAGER_PIN	NULL	VARCHAR2(80)	Pager pin of the number registration center
NRC_EMAIL	NULL	VARCHAR2(80)	Email id of the number registration center
NRC_INTERNET	NULL	VARCHAR2(40)	Internet address of the number registration center
NRC_DEPT	NULL	VARCHAR2(80)	Department of the number registration center
OWN_SP_ID	NOT NULL	VARCHAR2(80)	Owner service provider id
OWN_SP_TYPE	NOT NULL	VARCHAR2(20)	Owner service provider type
OWN_CODE	NOT NULL	VARCHAR2(20)	Public code of the owner service provider
OWN_NAME	NOT NULL	VARCHAR2(80)	Name of the owner service provider
OWN_TIMEZONE	NOT NULL	VARCHAR2(10)	Time zone of the owner service provider
OWN_SERVED_BY_FLAG	NOT NULL	VARCHAR2(1)	Flag to indicate if the owner service provider is served by the bureau
OWN_ADDRESS_LINE1	NOT NULL	VARCHAR2(40)	Street address of the owner service provider
OWN_CITY	NOT NULL	VARCHAR2(40)	City of the owner service provider
OWN_STATE	NOT NULL	VARCHAR2(40)	State of the owner service provider
OWN_ZIP_CODE	NOT NULL	VARCHAR2(20)	Zip code of the owner service provider
OWN_COUNTRY	NOT NULL	VARCHAR2(40)	Country of the owner service provider

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OWN_PHONE	NOT NULL	VARCHAR2(20)	Phone of the owner service provider
OWN_ADDRESS_LINE2	NULL	VARCHAR2(40)	Street address of the owner service provider
OWN_MOBILE	NULL	VARCHAR2(20)	Mobile number of the owner service provider
OWN_FAX	NULL	VARCHAR2(20)	Fax number of the owner service provider
OWN_PAGER	NULL	VARCHAR2(20)	Pager number of the owner service provider
OWN_PAGER_PIN	NULL	VARCHAR2(80)	Pager pin of the owner service provider
OWN_EMAIL	NULL	VARCHAR2(80)	E mail id of the owner service provider
OWN_INTERNET	NULL	VARCHAR2(40)	Internet address of the owner service provider
OWN_DEPT	NULL	VARCHAR2(80)	Department name of the owner service provider
ROUTING_REF	NULL	VARCHAR2(80)	Routing number reference id
INTERCONNECT_TYPE	NULL	VARCHAR2(10)	Indicates interconnect type whether equal access or number portability
ROUTING_SP_ID	NULL	NUMBER	Service provider owning the routing numbers identifying the switch used to port the number or provision a number
ROUTING_NUMBER	NULL	VARCHAR2(20)	The switch to which the numbers can be ported
ROUTING_STATUS	NULL	VARCHAR2(10)	Status for routing number
COMMENTS	NULL	VARCHAR2(1996)	Comments for subscription version
NOTES	NULL	VARCHAR2(1996)	Notes for subscription version

## XNP\_SV\_STATUS\_TYPES\_B

XNP\_SV\_STATUS\_TYPES\_V stores the valid statuses that may be assigned to a SOA subscription version. Update to this table should be limited to a system administrator. The subscription version status decides what information can be inserted and what information will be written to historical tables.

### QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACTIVE_FLAG	XNP_YES_NO_FLAG_DEFAULT_YES	XNP_LOOKUPS
	N	No
INITIAL_FLAG	XNP_YES_NO_FLAG_DEFAULT_NO	XNP_LOOKUPS
	N	No
PHASE_INDICATOR	XNP_PHASE_INDICATOR	XNP_LOOKUPS
	ACTIVE	Active
	INQUIRY	Inquiry
	OLD	Old
	ORDER	Ordering

### Column Descriptions

Name	Null?	Type	Description
STATUS_TYPE_CODE (PK)	NOT NULL	VARCHAR2(20)	Code for the status type
PHASE_INDICATOR	NOT NULL	VARCHAR2(20)	Indicates the phase of the status type code
ACTIVE_FLAG	NOT NULL	VARCHAR2(1)	Indicates if the status is in use
INITIAL_FLAG	NOT NULL	VARCHAR2(1)	Initial status of a subscription version - Not used
INITIAL_FLAG_ENFORCE_SEQ	NOT NULL	NUMBER	Enforces rule that only one row has INITIAL_FLAG set - Not used
DISPLAY_SEQUENCE	NOT NULL	NUMBER	Sequence of status displayed on screens and reports
CREATED_BY	NOT NULL	NUMBER(15)	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard who column

### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_SV_STATUS_TYPES_B_U1	UNIQUE	5	STATUS_TYPE_CODE

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## XNP\_SV\_STATUS\_TYPES\_TL

XNP\_SV\_STATUS\_TYPES\_TL is a translation table to  
XNP\_SV\_STATUS\_TYPES\_B

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XNP_SV_STATUS_TYPES_B	STATUS_TYPE_CODE	STATUS_TYPE_CODE

### Column Descriptions

Name	Null?	Type	Description
STATUS_TYPE_CODE (PK)	NOT NULL	VARCHAR2(20)	Code for status type
LANGUAGE (PK)	NOT NULL	VARCHAR2(40)	Language
SOURCE_LANG	NOT NULL	VARCHAR2(40)	Source language
DISPLAY_NAME	NOT NULL	VARCHAR2(40)	Display name of the status
DESCRIPTION	NULL	VARCHAR2(1996)	Description of the status types
CREATED_BY	NOT NULL	NUMBER(15)	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATE_LOGIN	NULL	NUMBER(15)	Standard who column

### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_SV_STATUS_TYPES_TL_U1	UNIQUE	4	STATUS_TYPE_CODE
		5	LANGUAGE

## XNP\_SYNC\_REGISTRATION

XNP\_SYNC\_REGISTRATION maintains the state of synchronized workflows

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XDP_ORDER_HEADERS	ORDER_ID	ORDER_ID

### Column Descriptions

Name	Null?	Type	Description
SYNC_REGISTRATION_ID	NOT NULL	NUMBER	Synchronized registration identifier
SYNC_LABEL	NOT NULL	VARCHAR2(240)	Synchronization token given to a group of synchronized workflows
ORDER_ID	NOT NULL	NUMBER	Order Id of the SDP order to which all the synchronized workflows belong
STATUS	NOT NULL	VARCHAR2(40)	Status that indicates if the workflows are in synch with each other
MAX_PARTICIPANTS	NOT NULL	NUMBER	Total number of participants be synchronized
PARTIES_NOT_IN_SYNC	NOT NULL	NUMBER	Participants yet to synchronize
CREATION_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard who column
CREATED_BY	NOT NULL	NUMBER	Standard who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard who column

### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_SYNC_REGISTRATION_N1	NOT UNIQUE	5	ORDER_ID
XNP_SYNC_REGISTRATION_U1	UNIQUE	5	SYNC_REGISTRATION_ID
XNP_SYNC_REGISTRATION_U2	UNIQUE	5	SYNC_LABEL
		10	ORDER_ID

### Sequences

Sequence	Derived Column
XNP_SYNC_REGISTRATION_S	SYNC_REGISTRATION_ID

## XNP\_TIMER\_PUBLISHERS

XNP\_TIMER\_PUBLISHERS stores timers related to a message

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XNP_MSG_TYPES_B	MSG_CODE	TIMER_MESSAGE_CODE
XNP_MSG_TYPES_B	MSG_CODE	SOURCE_MESSAGE_CODE

### Column Descriptions

Name	Null?	Type	Description
TIMER_PUBLISHER_ID (PK)	NOT NULL	NUMBER	Timer Publishers identifier
TIMER_MESSAGE_CODE	NOT NULL	VARCHAR2(20)	Tracks timer message corresponding to source messages.
SOURCE_MESSAGE_CODE	NOT NULL	VARCHAR2(20)	Message code for which corresponding timer message will be enqueued
CREATED_BY	NOT NULL	NUMBER	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard who column

### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_TIMER_PUBLISHERS_N1	NOT UNIQUE	10	TIMER_MESSAGE_CODE
XNP_TIMER_PUBLISHERS_N2	NOT UNIQUE	10	SOURCE_MESSAGE_CODE
XNP_TIMER_PUBLISHERS_U1	UNIQUE	1	TIMER_PUBLISHER_ID
XNP_TIMER_PUBLISHERS_U2	UNIQUE	3	SOURCE_MESSAGE_CODE
		6	TIMER_MESSAGE_CODE

### Sequences

Sequence	Derived Column
XNP_TIMER_PUBLISHERS_S	TIMER_PUBLISHER_ID

## XNP\_TIMER\_REGISTRY

XNP\_TIMERS\_REGISTRY stores a list of all timers in progress. All timers that are enqueued to the timers queue are registered here.

### Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
XDP_FA_RUNTIME_LIST	FA_INSTANCE_ID	FA_INSTANCE_ID
XDP_FULFILL_WORKLIST	WORKITEM_INSTANCE_ID	WI_INSTANCE_ID
XDP_ORDER_HEADERS	ORDER_ID	ORDER_ID
XNP_MSG_TYPES_B	MSG_CODE	TIMER_MESSAGE_CODE
XNP_MSG_TYPES_B	MSG_CODE	NEXT_TIMER

### Column Descriptions

Name	Null?	Type	Description
TIMER_ID (PK)	NOT NULL	NUMBER	Timer registry identifier assigned by the timer message queue
REFERENCE_ID	NOT NULL	VARCHAR2(80)	Reference identifier. Examples include a phone number, workflow id, order id or any other similar process identifier.
TIMER_MESSAGE_CODE	NOT NULL	VARCHAR2(20)	Timer message identifier
STATUS	NOT NULL	VARCHAR2(20)	Status of the timer. Status values may be ACTIVE, REMOVED, EXPIRED.
START_TIME	NOT NULL	DATE	Timestamp when the timer is enqueued
END_TIME	NULL	DATE	Expected end time for the timer to expire. This is the start_time + timer interval.
NEXT_TIMER	NULL	VARCHAR2(20)	Next timer to be enqueued after the delay expires
ORDER_ID	NULL	NUMBER	Order ID. Used to track a timer.
WI_INSTANCE_ID	NULL	NUMBER	Workitem instance id. Used to track a timer.
FA_INSTANCE_ID	NULL	NUMBER	Fulfillment action instance id. Used to track a timer.
CREATED_BY	NOT NULL	NUMBER	Standard who column
CREATION_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard who column
LAST_UPDATE_LOGIN	NULL	NUMBER	Standard Who column

### Indexes

Index Name	Index Type	Sequence	Column Name
XNP_TIMER_REGISTRY_N1	NOT UNIQUE	10	TIMER_MESSAGE_CODE
XNP_TIMER_REGISTRY_N2	NOT UNIQUE	5	NEXT_TIMER
XNP_TIMER_REGISTRY_N3	NOT UNIQUE	5	ORDER_ID
XNP_TIMER_REGISTRY_N4	NOT UNIQUE	5	FA_INSTANCE_ID
XNP_TIMER_REGISTRY_N5	NOT UNIQUE	5	WI_INSTANCE_ID
XNP_TIMER_REGISTRY_U1	UNIQUE	5	TIMER_ID

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