

Technical Reference Manual

Release 11i

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# Oracle<sup>®</sup> Treasury Technical Reference Manual

**RELEASE 11*i***

**January 2000**

**ORACLE<sup>®</sup>**

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## Oracle Treasury Technical Reference Manual A80830-01

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# Introduction

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

This chapter introduces you to the Oracle Treasury Technical Reference Manual, and explains how to use it.

---

# 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 Treasury Technical Reference Manual contains detailed, up-to-date information about the underlying structure of Oracle Treasury. As we design and build new releases of Oracle Treasury, we update our Oracle Designer repository to reflect our enhancements. As a result, we can always provide you with an Oracle Treasury 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 Treasury to improve performance.

## About this Manual

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This manual describes the Oracle Applications release 11*i* data model, as used by Oracle Treasury; it discusses the database we include with a fresh install of Oracle Applications release 11*i*. If you have not yet upgraded to release 11*i*, your database may differ from the database we document in this book.

If you have upgraded from a previous release, you might find it helpful to use this manual with the appropriate *Oracle Applications Product Update Notes* manual. The product update notes list database changes and seed data changes in Oracle Treasury between releases. The *Oracle Applications Product Update Notes Release 11* manual describes the changes between release 10.7 and release 11, and the *Oracle Applications Product Update Notes Release 11i* manual describes the changes between release 11 and release 11*i*.

You can contact your Oracle representative to confirm that you have the latest technical information for Oracle Treasury. You can also use Oracle *MetaLink* 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 Treasury Technical Reference Manual contains the latest information as of the publication date. For the latest information we

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

- Convert existing application data
- Integrate your Oracle Treasury 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.

---

### **Example 1: Importing Bank Statement Information**

Suppose you are writing a custom application to import your bank statement information into Oracle Treasury. Use the Table List in Chapter 2 to locate the table where Oracle Treasury imports bank statement information. Keep in mind that the tables have intuitive names. In the Table List section you see the XTR\_BANK\_BAL\_INTERFACE table that contains bank statement information imported into Oracle Treasury.

Then examine the column descriptions and column types for the XTR\_BANK\_BAL\_INTERFACE table in the Table View and Definitions section of Chapter 3 to determine how you should import your bank statement data. Look at the foreign keys list to identify other tables that are related to the table. Examine the descriptions for tables to ensure that your application references those tables appropriately. Then examine the column descriptions in the Table and View Definitions section of Chapter 3 to learn which columns you should display in your report and how you should display them.

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### **Example 2: Reporting on User-defined Deal Statuses**

Suppose you are writing a report to list the deal statuses you have defined in Oracle Treasury. Use the Table List in Chapter 2 to locate the XTR\_DEAL\_STATUSES table. Then examine the column descriptions

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in the Table and View Definitions section of Chapter 3 to learn which columns you should display in your report and how you should display them.

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## How Not To Use This Manual

### **Do Not Use This Manual to Plan Modifications**

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

We have constructed Oracle Treasury 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.

### **Do Not Write Data Into Non-interface Tables**

---

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 Treasury Technical Reference Manual does not contain complete information about the dependencies between Oracle Treasury 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 Treasury 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**

Oracle reserves the right to change the structure of Oracle Treasury 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 Treasury 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.

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## **About Oracle Application Object Library**

The Oracle Treasury 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 Treasury.

---

## **A Few Words About Terminology**

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

### **Relationship**

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 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.

## **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**

There are additional information sources, including other documentation, training and support services, that you can use to increase your knowledge and understanding of Oracle Designer, Oracle

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Application Object Library, and Oracle Treasury. We want to make these products easy for you and your staff to understand and use.

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### **Oracle Designer Online Documentation**

The online help for Oracle Designer describes how you can use Oracle Designer for your development needs.

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### **Oracle Applications Developer's Guide**

This guide contains the coding standards followed by the Oracle Applications development staff. It describes the Oracle Application Object Library components needed to implement the Oracle Applications user interface described in the *Oracle Applications User Interface Standards*. It also provides information to help you build your custom Developer forms so that they integrate with Oracle Applications.

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### **Oracle Applications User Interface Standards**

This manual contains the user interface (UI) standards followed by the Oracle Applications development staff. It describes the UI for the Oracle Applications products and how to apply this UI to the design of an application built using Oracle Forms 6.

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### **Oracle Treasury User Guide**

Your user guide provides you with all the information you need to use your release 11*i* Oracle Treasury application. Each user guide is organized for fast, easy access to detailed information in a function- and task-oriented organization.

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### **Oracle Financials Regional Technical Reference Manual**

This manual describes additional tables and views that have been added to support features that meet statutory requirements and common business practices in your country or region. The Appendix of this manual also describes how the GLOBAL\_ATTRIBUTE columns of your base product tables are used in your country or region.

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### **Country-Specific Manuals**

Use these manuals to meet statutory requirements and common business practices in your country or region. They also describe additional features added to Oracle Treasury to meet those

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requirements. Look for a user guide appropriate to your country; for example, see the *Oracle Financials for the Czech Republic User Guide* for more information about using this software in the Czech Republic.

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### **Oracle Self-Service Web Applications Online Documentation**

This documentation describes how Oracle Self-Service Web Applications enable companies to provide a self-service and secure Web interface for employees, customers, and suppliers. Employees can change their personal status, submit expense reports, or request supplies. Customers can check on their orders, and suppliers can share production schedules with their trading partners. This documentation is available in HTML only.

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### **Oracle Applications Flexfields Guide**

This guide provides flexfields planning, setup and reference information for the Oracle Treasury implementation team, as well as for users responsible for the ongoing maintenance of Oracle Applications product data. This manual also provides information on creating custom reports on flexfields data.

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### **Oracle Workflow Guide**

This manual explains how to define new workflow business processes as well as customize existing Oracle Applications-embedded workflow processes. You also use this guide to complete the setup steps necessary for any Oracle Applications product that includes workflow-enabled processes.

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### **Oracle Alert User Guide**

This manual explains how to define periodic and event alerts to monitor the status of your Oracle Applications data.

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### **Multiple Reporting Currencies in Oracle Applications**

If you use the Multiple Reporting Currencies feature to report and maintain accounting records in more than one currency, use this manual before implementing Oracle Treasury. This manual details additional steps and setup considerations for implementing Oracle Treasury with this feature.

## **Oracle Financials Open Interfaces Guide**

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This book contains a brief summary of all open interface discussions in all Oracle Financial Applications user guides.

## **Oracle Manufacturing, Distribution, Sales and Service Open Interfaces Manual**

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This manual contains up-to-date information about integrating with other Oracle Manufacturing applications and with your other systems. This documentation includes open interfaces found in Oracle Manufacturing.

## **Oracle Applications Messages Manual**

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The Oracle Applications Messages Manual contains the text of numbered error messages in Oracle Applications. (Oracle Applications messages begin with the prefix "APP-".) It also provides information on the actions you take if you get a message. Note: This manual is available only in HTML format.

## **Installation and System Administration**

### **Oracle Applications Installation Release Notes**

---

This manual contains a road map to the components of the release, including instructions about where to access the release 11*i* documentation set.

### **Oracle Applications Concepts**

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Designed to be the first book the user reads to prepare for an installation of Oracle Applications. It explains the technology stack, architecture, features and terminology for Oracle Applications release 11*i*. This book also introduces the concepts behind and major uses of Applications-wide features such as MRC, BIS, languages and character sets (NLS, MLS), BIS, Self-Service Web Applications and so on.

### **Installing Oracle Applications**

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Describes the One-Hour Install process, the method by which release 11*i* will be installed. This manual includes all how-to steps, screen shots and information about Applications-wide post-install tasks.

## **Using the AD Utilities**

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This manual contains how-to steps, screen shots and other information required to run the various AD utilities such as AutoInstall, AutoPatch, AD Administration, AD Controller, Relink and so on. It also contains information about when and why you should use these utilities.

## **Upgrading Oracle Applications**

---

This manual contains all the product specific pre- and post-upgrade steps that are required to upgrade products from release 10.7 (NCA, SC and character-mode) or release 11 of Oracle Applications. This manual also contains an overview chapter that describes all the tasks necessary to prepare and complete a upgrade of Oracle Applications.

## **Oracle Applications System Administrator's Guide**

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This manual provides planning and reference information for the Oracle Applications System Administrator. It contains information on how to define security, customize menus and manage concurrent processing.

## **Oracle Applications Product Update Notes**

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This book contains a summary of each new feature we added since release 11, as well as information about database changes and seed data changes that may affect your operations or any custom reports you have written. If you are upgrading from release 10.7 you also need to read *Oracle Applications Product Update Notes Release 11*.

## **Oracle Self-Service Web Applications Implementation Manual**

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This manual describes the setup steps for Oracle Self-Service Web Applications and the Web Applications Dictionary.

## **Oracle Applications Implementation Wizard User Guide**

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If you are implementing more than one Oracle product, you can use the Oracle Applications Implementation Wizard to coordinate your setup activities. This guide describes how to use the wizard.

## Other Information

### **Training**

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Oracle Education offers a complete set of training courses to help you and your staff master Oracle 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.

### **Support**

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From on-site support to central support, our team of experienced professionals provides the help and information you need to keep Oracle Treasury 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

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# High-Level Design

**T**his chapter presents a high-level design for Oracle Treasury that satisfies the business needs we specify during Strategy and Analysis. It contains database diagrams for Oracle Treasury 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 Treasury applications. And, you can prepare yourself to understand the detailed design and implementation of Oracle Treasury.

---

## Database Diagrams

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

Use this section to quickly learn what tables each Oracle Treasury 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 Treasury 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

---

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.

## **Internal Tables**

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

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## **View Lists**

The View List sections list the Oracle Treasury 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**

---

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**

---

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.

### **Internal Views**

---

This section includes each private, internal view that Oracle Treasury 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 Treasury applications modules. This section lists forms, reports, and concurrent programs.

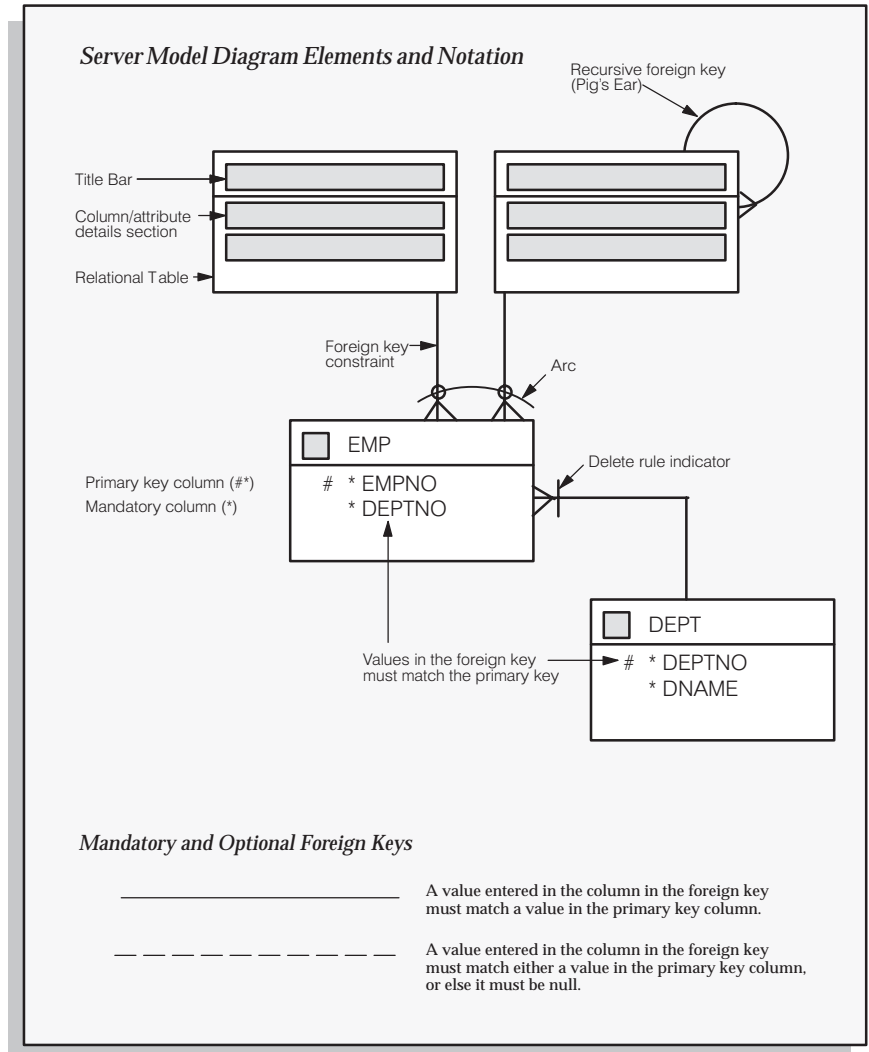
A form is a module comprised of closely related windows that are used together to perform a task. For example, the Enter Journals form in Oracle General Ledger includes the Enter Journals window, the Batch window, and the More Actions window. The Enter Journals window is the main window, and from it, 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 Treasury. 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.

---

## Database Diagrams

This section graphically represents most of the significant Oracle Treasury tables and the relationships between them, organized by building block. Use this section to quickly learn what tables each Oracle Treasury 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 Treasury application building blocks:

- Diagram 1: Account Maintenance
- Diagram 2: Accruals and Revaluations
- Diagram 3: Central Repository
- Diagram 4: Confirmation
- Diagram 5: Currency Relationships
- Diagram 6: Deal Capture
- Diagram 7: Journals
- Diagram 8: Limits
- Diagram 9: Party Relationships
- Diagram 10: Reconciliation
- Diagram 11: Tax Brokerage
- Diagram 12: Transaction Validation

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.

### Account Maintenance

---

Diagram 1 shows the tables and relationships associated with entering and maintaining bank accounts in Oracle Treasury. The tables store information such as the bank account interest rates, and current and historic bank balances.

### Accruals and Revaluations

---

Diagram 2 shows the tables and relationships associated with accruals and revaluations of your deals in Oracle Treasury. The tables store

revaluation rates, current market rates, revaluation details, and associated deal details.

### **Central Repository**

---

Diagram 3 shows the XTR\_DEAL\_DATE\_AMOUNTS table where deals are grouped by different date types, amount types, and amount actions for journal purposes. The denormalized XTR\_DEAL\_DATE\_AMOUNTS table also contains information on treasury positions.

### **Confirmations**

---

Diagram 4 shows the tables and relationships related to confirming deal actions in Oracle Treasury. The tables store information on confirmation letter templates and confirmation types.

### **Currency Relations**

---

Diagram 5 shows the tables and relationships that describe the currency relationships you have defined in Oracle Treasury. The tables store information on currency holiday rules, spot rates, authorized currencies and currency combinations, and interest rate policies.

### **Deal Capture**

---

Diagram 6 shows the tables associated with capturing deal information. The tables store information such as deal types, subtypes, product types, payment schedules, bond issues, limits, exposures, and authorized users.

### **Journals**

---

Diagram 7 shows the tables and relationships that Oracle Treasury uses to transfer deal information to your general ledger for creating journal entries. You create journal entries from the data in these tables and



post the journal entries in your general ledger to update your account balances

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### **Limits**

---

Diagram 8 shows the tables and relationships associated with limits policies. The tables store information on each limit type and the parties and deals to which those limits are applied.

---

### **Party Relations**

---

Diagram 9 shows the tables and relationships between the different parties in Oracle Treasury. The tables contain information on each party, their party groups, settlement categories, and associated limits.

---

### **Reconciliation**

---

Diagram 10 shows the tables and relationships that define how you reconcile your bank statements against your treasury deal information. The tables contain information on bank statement import sources, reconciliation processes and passes, and interface statuses.

---

### **Tax and Brokerage**

---

Diagram 11 shows the tables and relationships that define your tax and brokerage structure. The tables contain information on brokerage and tax categories, settlements, and deductions.

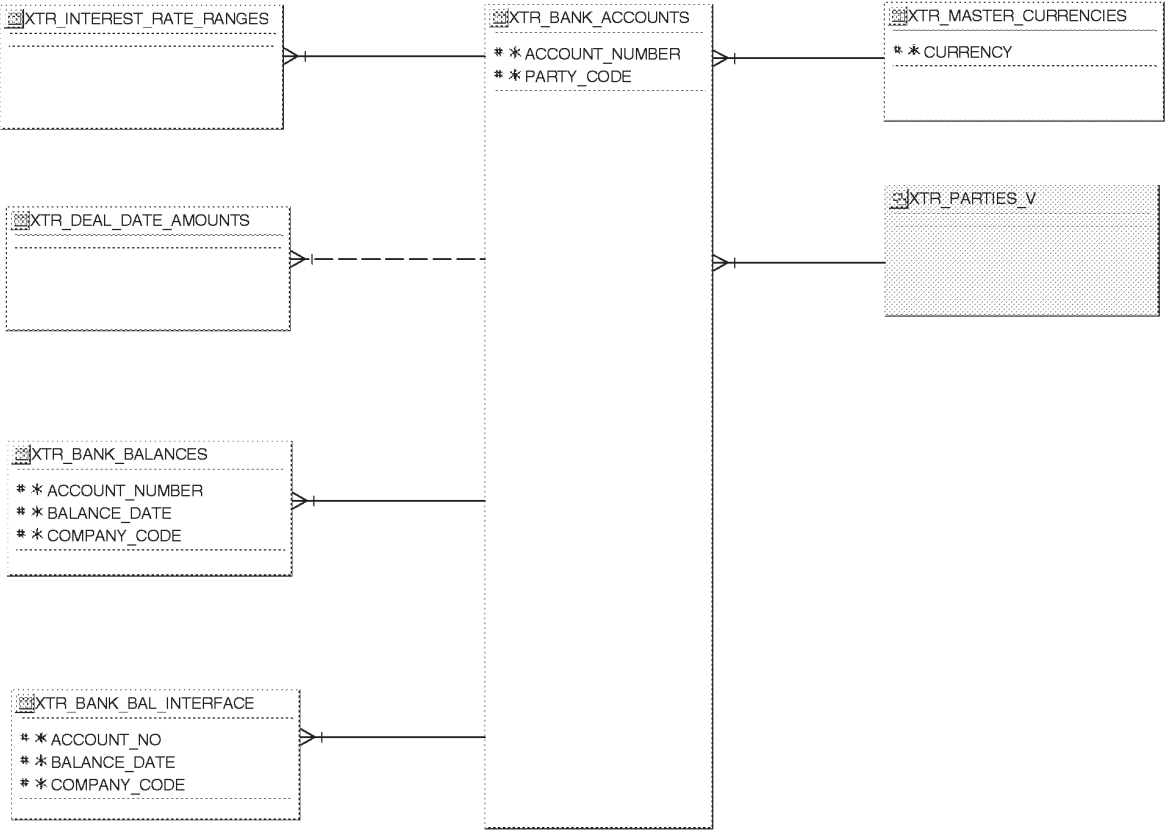
---

### **Transaction Validation**

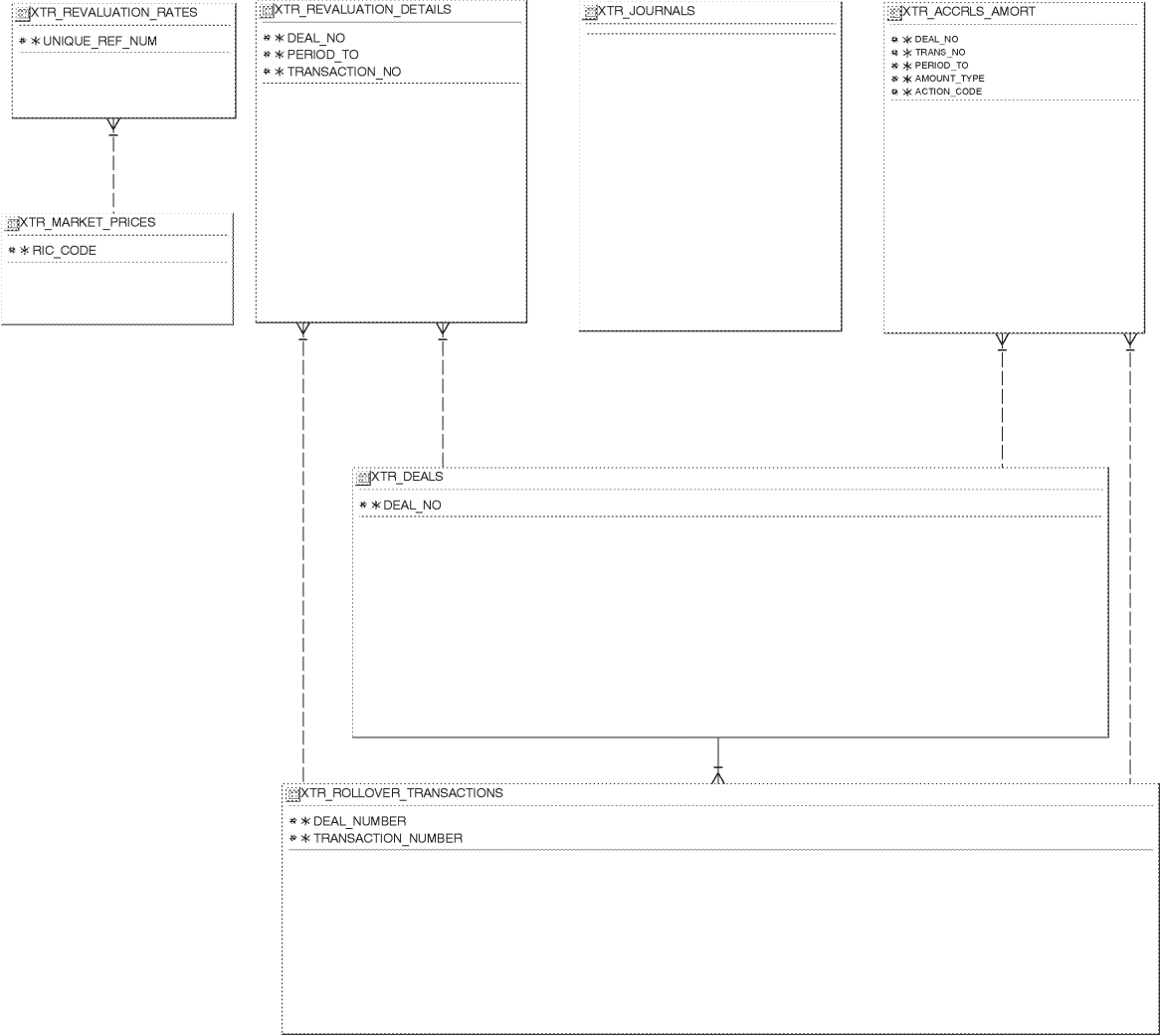
---

Diagram 12 shows the tables and relationships that define the process for validating a transaction in Oracle Treasury. The tables contain information on deals, confirmation details, and rolled over transactions.

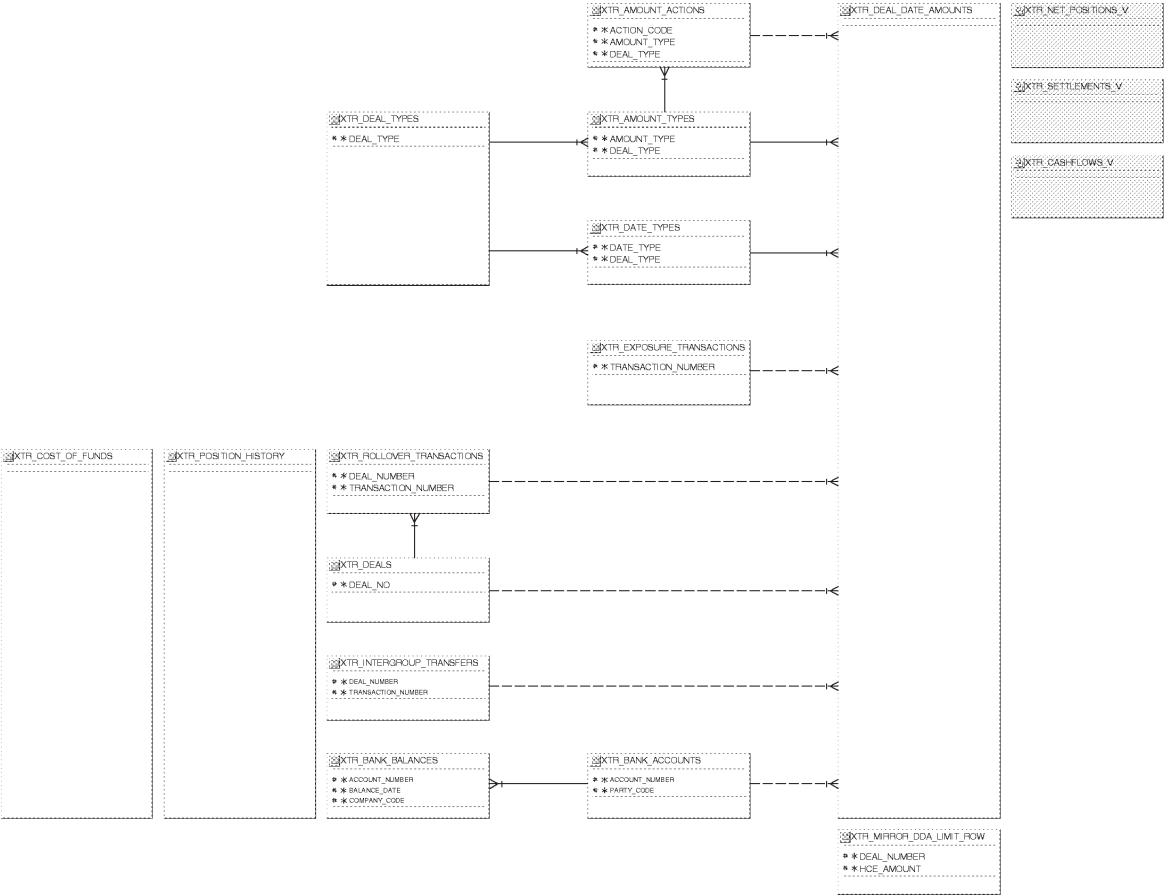
# Account Maintenance



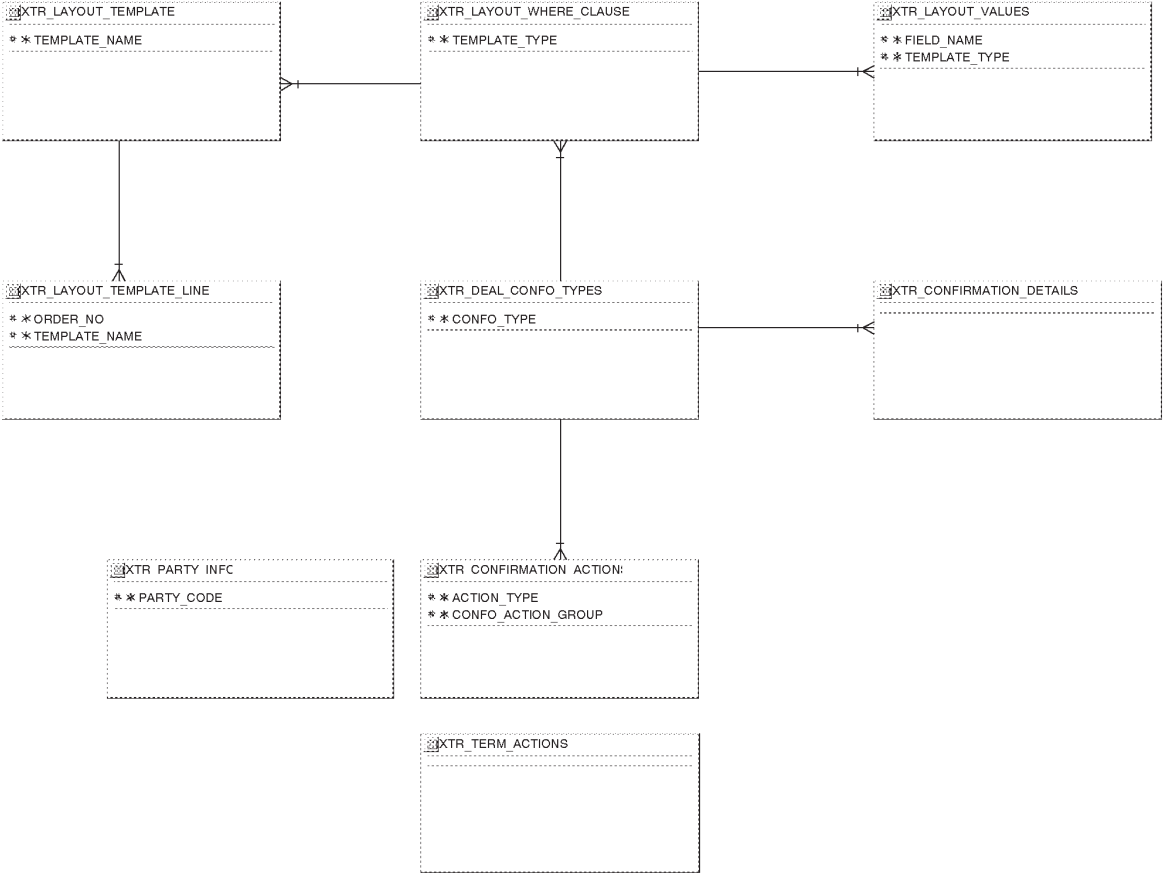
# Accruals and Revaluations



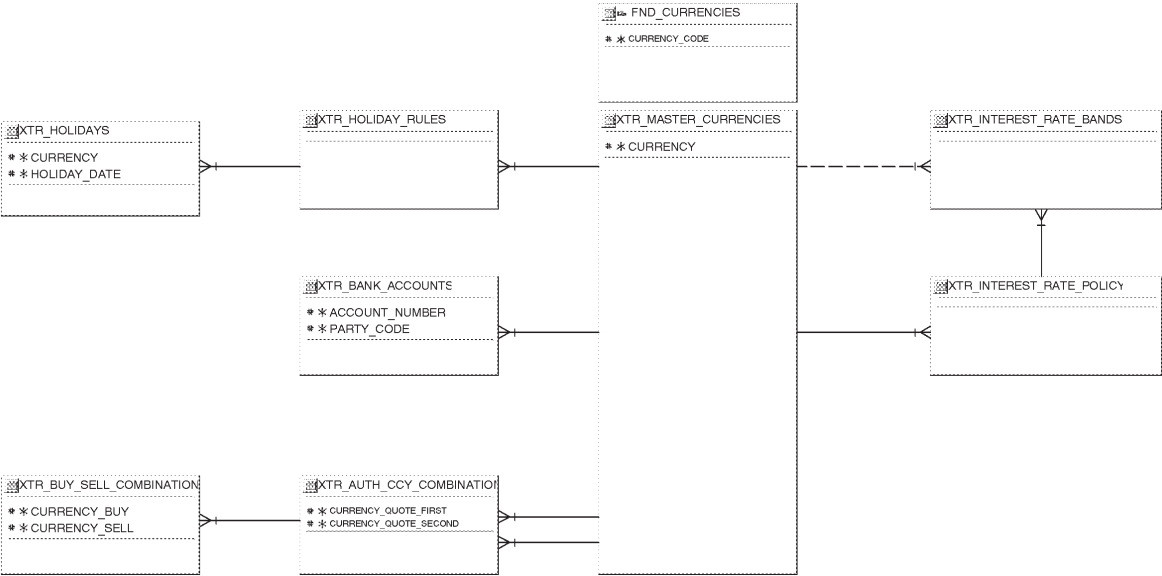
# Central Repository



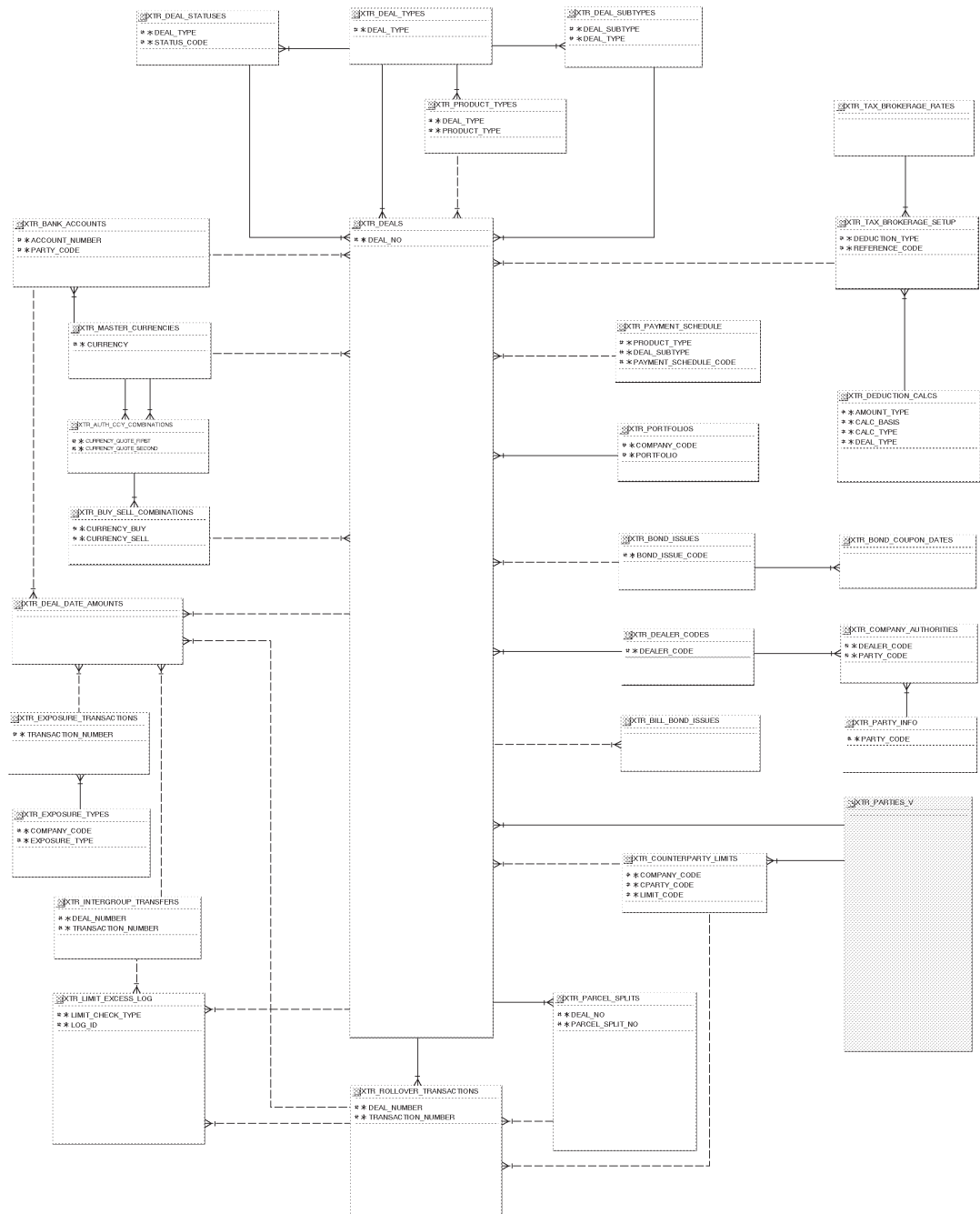
# Confirmations

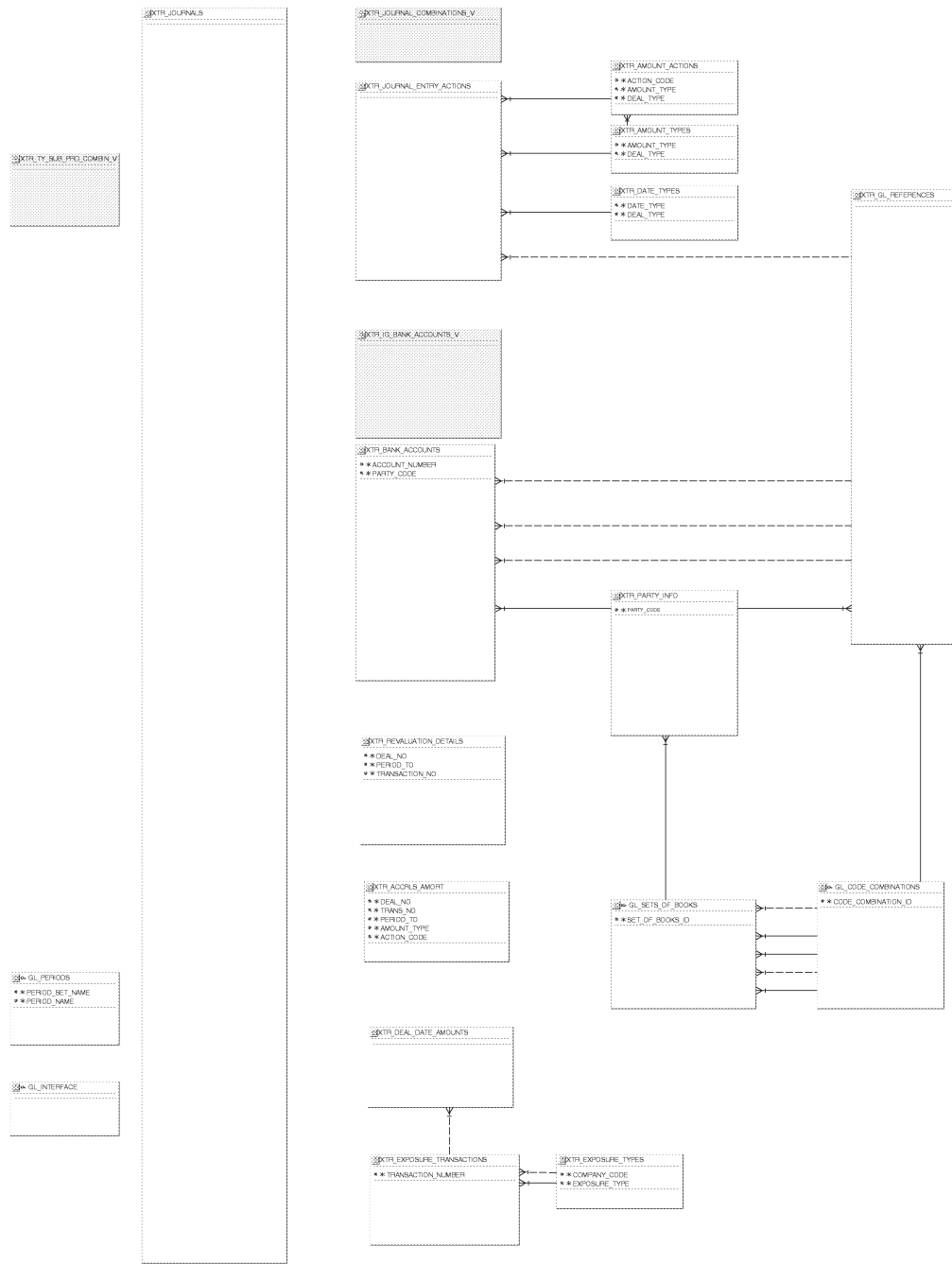


# Currency Relations



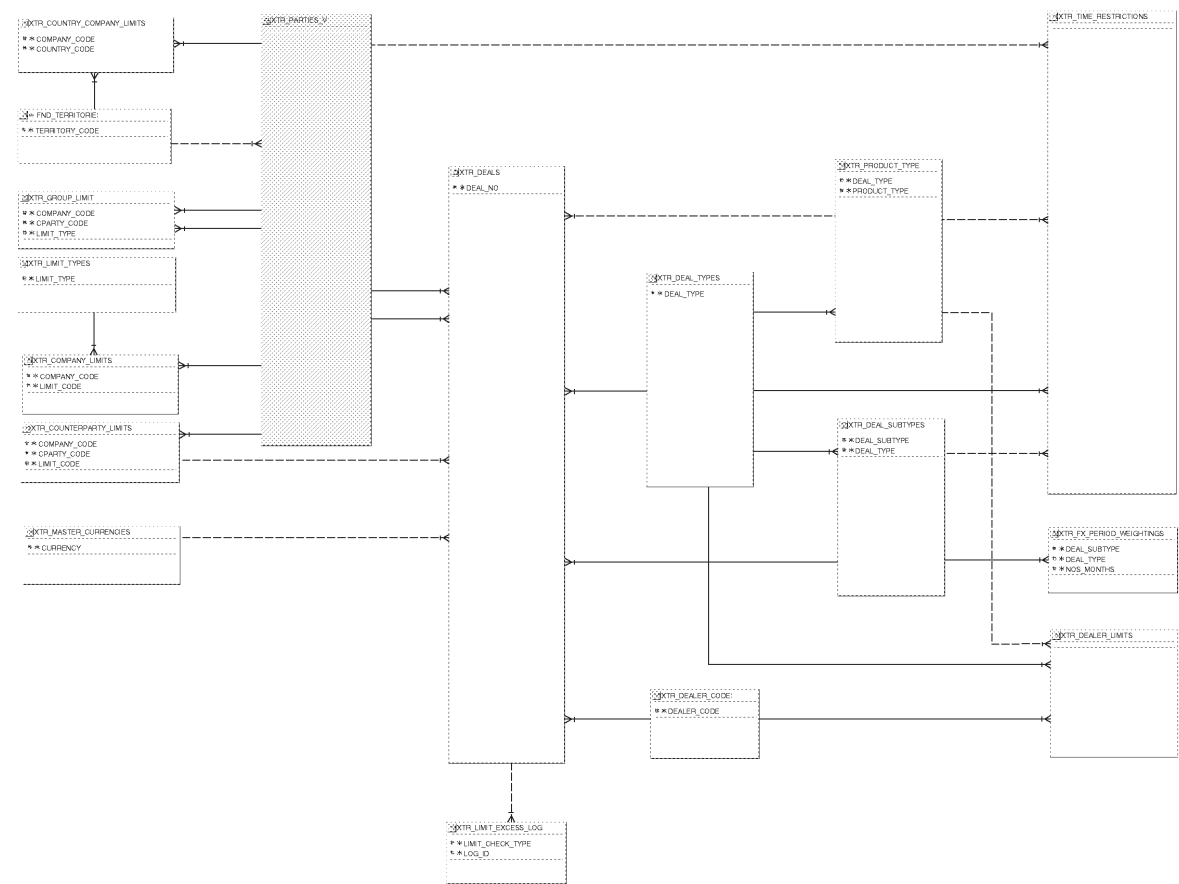
# Deal Capture



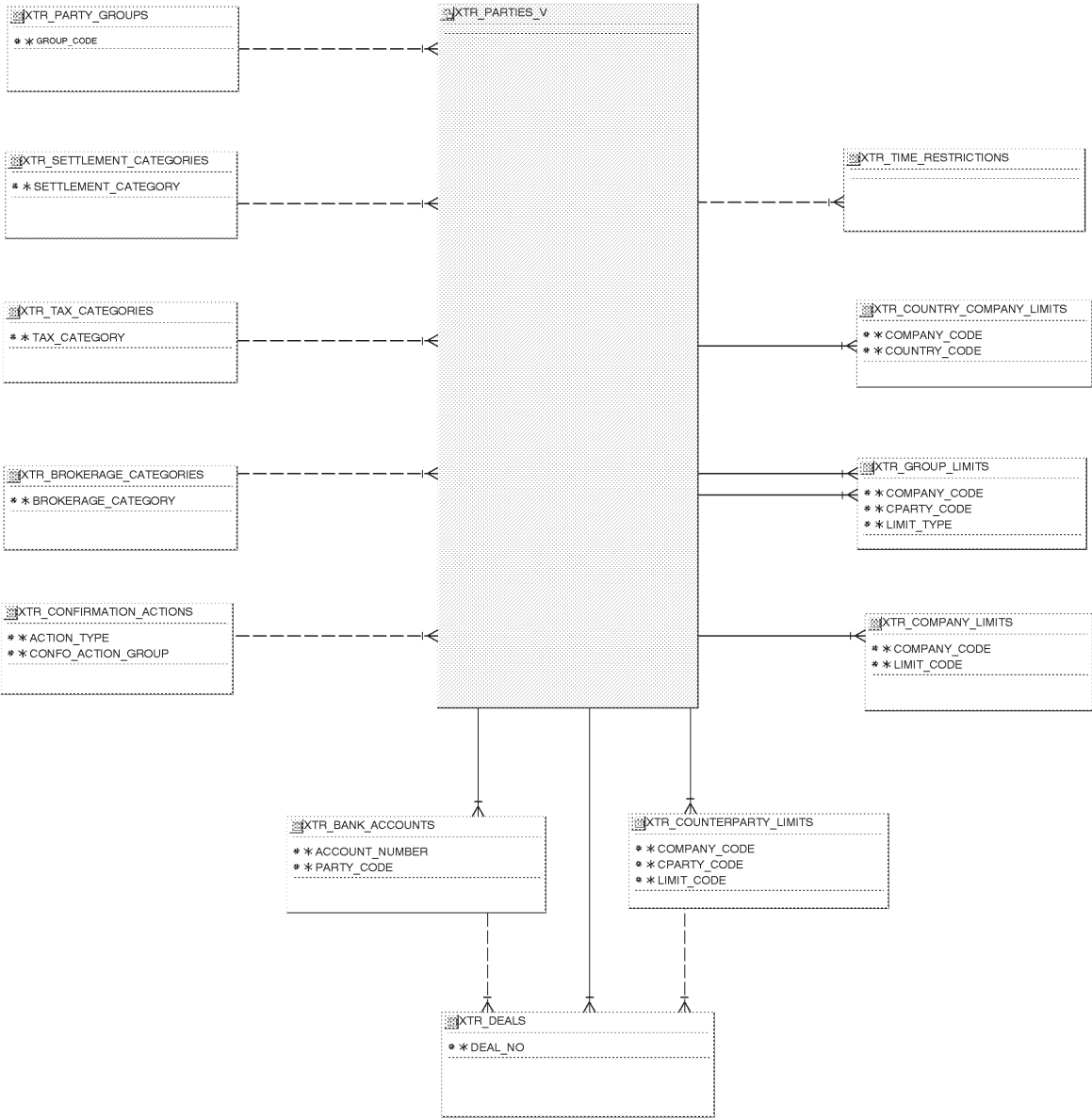




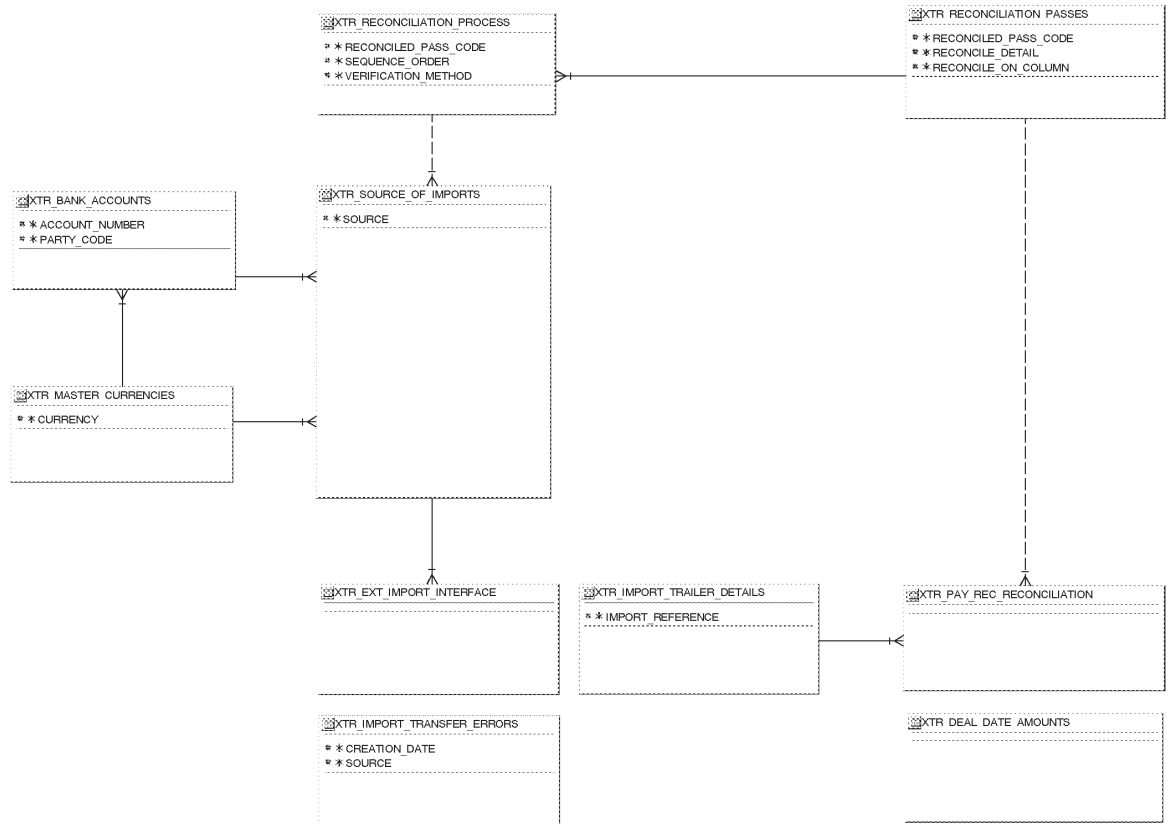
# Limits



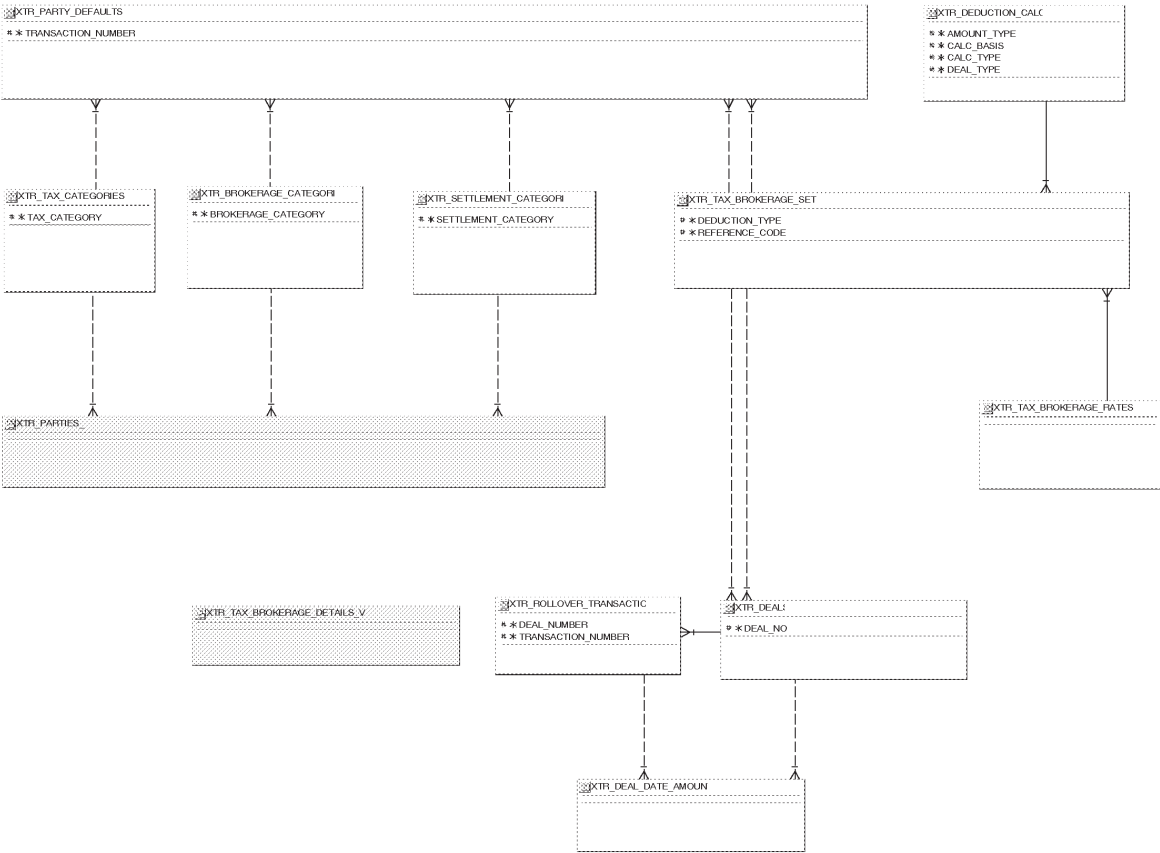
# Party Relations



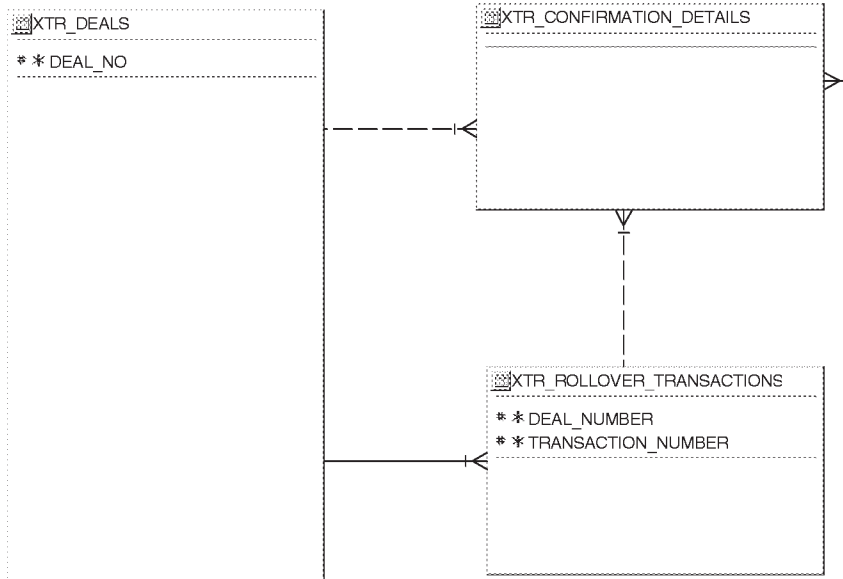
# Reconciliation



# Tax and Brokerage



## Transaction Validation



## Public Table List

This section lists each public database table that Oracle Treasury 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 Treasury uses the following Public tables:

| Table Name                | Description   |
|---------------------------|---|
| CE_FORECAST_HEADERS       | Forecast template headers (See page 3 – 8)  |
| FND_CURRENCIES            | Currencies enabled for use at your site (See page 3 – 10)   |
| FND_TERRITORIES           | Territories, also known as countries (No table description)   |
| GL_CODE_COMBINATIONS      | Account combinations (See page 3 – 13)  |
| GL_DAILY_CONVERSION_TYPES | Foreign currency daily conversion rate types (See page 3 – 18)  |
| GL_INTERFACE              | Import journal entry batches (See page 3 – 19)  |
| GL_PERIODS                | Calendar period definitions (See page 3 – 23)   |
| GL_SETS_OF_BOOKS          | Set of books definitions (See page 3 – 25)  |
| XTR_ACCRLS_AMORT          | Accrual amounts for deal transactions (See page 3 – 29)   |
| XTR_AMOUNT_ACTIONS        | Amount action information (See page 3 – 31)   |
| XTR_AMOUNT_TYPES          | Amount type information (See page 3 – 32)   |
| XTR_AUTH_CCY_COMBINATIONS | Currency combination information including whether a combination is authorized for use (See page 3 – 33)  |
| XTR_BANK_ACCOUNTS         | Bank account information (See page 3 – 35)  |
| XTR_BANK_BALANCES         | Daily bank balance information (See page 3 – 38)  |
| XTR_BANK_BAL_INTERFACE    | Specific bank account balance information to be or that has been uploaded into Treasury (See page 3 – 40) |

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|                            |   |
|----------------------------|---|
| XTR_BILL_BOND_ISSUES       | Bill and bond issue serial numbers and information about the deals to which they are assigned (See page 3 – 41) |
| XTR_BOND_COUPON_DATES      | Coupon dates for bond issues (See page 3 – 42)  |
| XTR_BOND_ISSUES            | Bond issues information (See page 3 – 43)   |
| XTR_BROKERAGE_CATEGORIES   | Alpha-numeric reference to financial accounts of Treasury parties. (See page 3 – 45)                            |
| XTR_BUY_SELL_COMBINATIONS  | Buy and sell currency combination information (See page 3 – 46)   |
| XTR_COMPANY_AUTHORITIES    | User access authorities of companies (See page 3 – 51)  |
| XTR_COMPANY_LIMITS         | Company limits information including limit and utilization amounts (See page 3 – 52)                            |
| XTR_CONFIRMATION_ACTIONS   | Deal confirmation action information required for a deal type (See page 3 – 53)                                 |
| XTR_CONFIRMATION_DETAILS   | Confirmation letter details (See page 3 – 54)   |
| XTR_COST_OF_FUNDS          | Daily summarized amount and average rate information of Treasury deals (See page 3 – 56)                        |
| XTR_COUNTERPARTY_LIMITS    | Counterparty limits information including limit and utilization amounts (See page 3 – 58)                       |
| XTR_COUNTRY_COMPANY_LIMITS | Sovereign limits information including limit and utilization amounts (See page 3 – 60)                          |
| XTR_DATE_AMOUNT_TYPES      | Information on date, amount type combinations for deal types (See page 3 – 61)                                  |
| XTR_DATE_TYPES             | Date types information (See page 3 – 62)  |
| XTR_DEALER_CODES           | Treasury users information (See page 3 – 63)  |
| XTR_DEALER_LIMITS          | Dealer limits information including limit amounts (See page 3 – 64)   |
| XTR_DEALS                  | Information for all financial instrument deals except exposure transactions (See page 3 – 66)                   |
| XTR_DEAL_CONFO_TYPES       | Deal confirmation types used in confirmation letter templates (See page 3 – 75)                                 |

|                            |  |
|----------------------------|--|
| XTR_DEAL_DATE_AMOUNTS      | Deal transaction information grouped by date type, amount type, and amount action (See page 3 – 76)    |
| XTR_DEAL_STATUSES          | Deal status information (See page 3 – 81)  |
| XTR_DEAL_SUBTYPES          | Deal subtype information (See page 3 – 82)   |
| XTR_DEAL_TYPES             | Deal type information (See page 3 – 83)  |
| XTR_DEDUCTION_CALCS        | Pre-defined deduction calculation methods for setting up tax and brokerage schedules (See page 3 – 84) |
| XTR_EXPOSURE_TRANSACTIONS  | Exposure transactions used for gap analysis of all Treasury cash flows (See page 3 – 85)               |
| XTR_EXPOSURE_TYPES         | Exposure type information (See page 3 – 88)  |
| XTR_EXT_IMPORT_INTERFACE   | Information on bank statements that have not been transferred for reconciliation (See page 3 – 90)     |
| XTR_FX_PERIOD_WEIGHTINGS   | Limit weightings information (See page 3 – 92)   |
| XTR_GROUP_LIMITS           | Group limits information including limit and utilization amounts (See page 3 – 93)                     |
| XTR_HOLIDAYS               | Holidays defined for different currencies (See page 3 – 94)  |
| XTR_HOLIDAY_RULES          | Holiday rules defined for different currencies (See page 3 – 95)                                       |
| XTR_IMPORT_TRAILER_DETAILS | Summary information of successful bank statement transfers (See page 3 – 99)                           |
| XTR_IMPORT_TRANSFER_ERRORS | Error information associated with a failed bank statement transfer (See page 3 – 100)                  |
| XTR_INTEREST_RATE_BANDS    | Interest rate band details for different interest rate policies (See page 3 – 101)                     |
| XTR_INTEREST_RATE_POLICY   | Interest rate policy for different currencies and investment categories (See page 3 – 102)             |
| XTR_INTEREST_RATE_RANGES   | Interest rate information for your bank accounts, including intercompany funding (See page 3 – 103)    |
| XTR_INTERGROUP_TRANSFERS   | Intercompany loans or deposits information (See page 3 – 104)  |
| XTR_JOURNALS               | Detailed journal entry information (See page 3 – 106)  |

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|                            |   |
|----------------------------|---|
| XTR_JOURNAL_ENTRY_ACTIONS  | Journal structure information that Treasury uses to create journals (See page 3 – 109)                      |
| XTR_LAYOUT_TEMPLATE        | Confirmation letter template information (See page 3 – 111)   |
| XTR_LAYOUT_TEMPLATE_LINE   | Confirmation template lines (See page 3 – 112)  |
| XTR_LAYOUT_VALUES          | Common variables for the confirmation templates (See page 3 – 113)  |
| XTR_LAYOUT_WHERE_CLAUSE    | SQL select statement and where clause for each template type (See page 3 – 114)                             |
| XTR_LIMIT_EXCESS_LOG       | Limit exceptions caused by deal transactions (See page 3 – 115)   |
| XTR_LIMIT_TYPES            | Information on defined limit types (See page 3 – 120)   |
| XTR_MARKET_PRICES          | Current rates for foreign exchange and money market deals (See page 3 – 121)                                |
| XTR_MASTER_CURRENCIES      | Currency information including its net maximum exposure, quotation basis, and year basis (See page 3 – 123) |
| XTR_MIRROR_DDA_LIMIT_ROW   | Cashflow information for all deal transactions with status of CURRENT (See page 3 – 128)                    |
| XTR_PARCEL_SPLITS          | Parcel split detail information for discounted securities deals (See page 3 – 132)                          |
| XTR_PARTY_DEFAULTS         | Counterparty default settlement information (See page 3 – 138)  |
| XTR_PARTY_GROUPS           | Party group information (See page 3 – 140)  |
| XTR_PARTY_INFO             | Created from Entity XTR PARTY by ORACLE on 06-MAY-93 (See page 3 – 141)                                     |
| XTR_PAYMENT_SCHEDULE       | Payment schedule information for retail term money deals (See page 3 – 144)                                 |
| XTR_PAY_REC_RECONCILIATION | Information on successfully transferred bank statements (See page 3 – 146)                                  |
| XTR_PORTFOLIOS             | Company portfolio information (See page 3 – 148)  |
| XTR_POSITION_HISTORY       | Archive of daily balances and rates for all current deal transactions (See page 3 – 150)                    |

|                            |   |
|----------------------------|---|
| XTR_PRODUCT_TYPES          | Product type information (See page 3 – 152)   |
| XTR_PRO_PARAM              | Treasury system parameter settings (See page 3 – 153)   |
| XTR_QUICK_INPUT_DEALS      | Information for short term money or foreign exchange deals that was entered in the Quick Deals window (See page 3 – 154)  |
| XTR_RATE_SETS              | Interest rates for retail term money deals (See page 3 – 156)   |
| XTR_RECONCILIATION_PASSES  | Reconciliation criteria for bank statement lines (See page 3 – 158)   |
| XTR_RECONCILIATION_PROCESS | Reconciliation method definitions (See page 3 – 159)  |
| XTR_REVALUATION_DETAILS    | Revaluation results of Treasury deals (See page 3 – 160)  |
| XTR_REVALUATION_RATES      | Revaluation rates for a particular company in an end-of-period date (See page 3 – 163)  |
| XTR_ROLLOVER_TRANSACTIONS  | Information about transactions in bond, interest rate swap, negotiable instrument, short term money, retail term money, and wholesale term money deals (See page 3 – 165) |
| XTR_SETTLEMENT_CATEGORIES  | Settlement categories used for organizing settlement actions (See page 3 – 175)   |
| XTR_SOURCE_OF_IMPORTS      | Import source information used for reconciliation (See page 3 – 176)  |
| XTR_SPOT_RATES             | History of foreign exchange rates (See page 3 – 177)  |
| XTR_TAX_BROKERAGE_RATES    | Rate group and rates applied to withholding tax and brokerage amounts (See page 3 – 180)  |
| XTR_TAX_BROKERAGE_SETUP    | Tax and brokerage schedule information (See page 3 – 181)   |
| XTR_TAX_CATEGORIES         | Tax categories used for grouping the calculation methods and rates (See page 3 – 183)   |
| XTR_TERM_ACTIONS           | Term adjustments for retail term money deals (See page 3 – 184)   |
| XTR_TIME_RESTRICTIONS      | Term limits information (See page 3 – 185)  |

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## Public View List

This section lists each public database view that Oracle Treasury 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 Treasury uses the following public views:

| <b>View Name</b>             | <b>Description</b>   |
|------------------------------|--|
| XTR_CASHFLOWS_V              | Internal Treasury and external cashflows (See page 3 – 48)   |
| XTR_IG_BANK_ACCOUNTS_V       | Intercompany account information (See page 3 – 96)   |
| XTR_JOURNAL_COMBINATIONS_V   | All journal entry actions, deal type, and deal subtype combinations (See page 3 – 108)                           |
| XTR_LIMIT_OVERVIEW_V         | Limit amount versus the limit utilization amounts for all limit areas. (See page 3 – 117)                        |
| XTR_MATURITIES_V             | Cashflows belonging to only those date amount types relevant to the Treasury maturity reports (See page 3 – 125) |
| XTR_NET_POSITIONS_V          | Current net position information (See page 3 – 130)  |
| XTR_PARTIES_V                | General information of Treasury parties, where user access to company information is enforced (See page 3 – 134) |
| XTR_SETTLEMENTS_V            | Settlement transactions of Treasury deals (See page 3 – 171)   |
| XTR_TAX_BROKERAGE_DETAILS_V  | Withholding tax and brokerage fee settlement amount due information (See page 3 – 178)                           |
| XTR_TY_SUB_PRD_PORT_COMBIN_V | All authorized deal type, deal subtype, product type, and portfolio combinations (See page 3 – 186)              |

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## Forms and Table View List

This section lists supplementary views that are not essential to the Release 11i data model, but simplify coding or improve performance of Developer. For example, many of these views are used as base tables in Oracle Treasury forms.



**Warning:** We do not recommend you query or alter data using these views. Furthermore, these views may change dramatically in subsequent minor or major releases of Oracle Treasury.

Oracle Treasury uses the following Forms and Table views:

- XTR\_ACCOUNT\_DEBIT\_AUTHS\_V
- XTR\_ACCRLS\_AMORT\_V
- XTR\_AMOUNT\_ACTIONS\_V
- XTR\_AMOUNT\_TYPES\_V
- XTR\_AUDIT\_COLUMNS\_V
- XTR\_AUDIT\_SUMMARY\_V
- XTR\_AUTH\_CCY\_COMBINATIONS\_V
- XTR\_AUTH\_TYPE\_SUBTYPE\_PROD\_V
- XTR\_BANK\_ACCOUNTS\_V
- XTR\_BANK\_BALANCES\_V
- XTR\_BILL\_BOND\_ISSUES\_V
- XTR\_BROKERAGE\_CATEGORIES\_V
- XTR\_CANCELLED\_TRANSACTIONS\_V
- XTR\_COMPANY\_AUTHORITIES\_V
- XTR\_COMPANY\_LIMITS\_EXCL\_FX\_V
- XTR\_COMPANY\_LIMITS\_V
- XTR\_CONFIRMATION\_ACTIONS\_V
- XTR\_CONFIRMATION\_DETAILS\_V
- XTR\_COUNTERPARTY\_LIMITS\_V
- XTR\_COUNTRY\_COMPANY\_LIMITS\_V
- XTR\_CURRENCY\_CROSS\_RATES\_V
- XTR\_DATA\_FEED\_CODES\_V

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- XTR\_DATE\_TYPES\_V
- XTR\_DEALER\_CODES\_V
- XTR\_DEALER\_LIMITS\_V
- XTR\_DEALS\_V
- XTR\_DEAL\_CONTACTS\_V
- XTR\_DEAL\_DATE\_AMOUNTS\_V
- XTR\_DEAL\_LINKING\_V
- XTR\_DEAL\_ORDERS\_V
- XTR\_DEAL\_STATUSES\_V
- XTR\_DEAL\_SUBTYPES\_V
- XTR\_DEAL\_TYPES\_V
- XTR\_EXPOSURE\_TRANSACTIONS\_V
- XTR\_EXPOSURE\_TYPES\_V
- XTR\_EXT\_IMPORT\_INTERFACE\_V
- XTR\_FORECAST\_PERIODS\_V
- XTR\_FX\_MULTIPLE\_CONTRACTS\_V
- XTR\_FX\_PERIOD\_WEIGHTINGS\_V
- XTR\_FX\_ROLL\_PRE\_DETAILS\_V
- XTR\_GROUP\_LIMITS\_V
- XTR\_HOLIDAYS\_V
- XTR\_HOLIDAY\_RULES\_V
- XTR\_IMPORT\_TRANSFER\_ERRORS\_V
- XTR\_INTEREST\_PERIOD\_RATES\_V
- XTR\_INTEREST\_RATE\_BANDS\_V
- XTR\_INTEREST\_RATE\_EXP\_PER\_V
- XTR\_INTEREST\_RATE\_POLICY\_V
- XTR\_INTEREST\_RATE\_RANGES\_V
- XTR\_INTERGROUP\_TRANSFERS\_V
- XTR\_INTRA\_DAY\_LIMITS\_V
- XTR\_JOURNALS\_V

- XTR\_LAYOUT\_TEMPLATE\_LINE\_V
- XTR\_LAYOUT\_TEMPLATE\_V
- XTR\_LAYOUT\_VALUES\_V
- XTR\_LAYOUT\_WHERE\_CLAUSE\_V
- XTR\_LIMIT\_EXCESS\_LOG\_DETAILS\_V
- XTR\_LIMIT\_EXCESS\_LOG\_V
- XTR\_LIMIT\_TYPES\_V
- XTR\_LIMIT\_UTILIZATION\_FEE\_V
- XTR\_LINKED\_TRANSACTIONS\_V
- XTR\_MARKET\_PRICES\_V
- XTR\_MASTER\_CURRENCIES\_V
- XTR\_MIRROR\_DDA\_LIMIT\_ROW\_V
- XTR\_MTS\_RECORDS\_HISTORY\_V
- XTR\_PARCEL\_SPLITS\_V
- XTR\_PARTY\_DEFAULTS\_V
- XTR\_PARTY\_GROUPS\_V
- XTR\_PAYMENT\_SCHEDULE\_V
- XTR\_PAY\_REC\_RECONCILIATION\_V
- XTR\_PORTFOLIOS\_V
- XTR\_PRODUCT\_TYPES\_V
- XTR\_PRO\_DUAL\_V
- XTR\_PRO\_PARAM\_V
- XTR\_P\_SPLIT\_V
- XTR\_QUICK\_INPUT\_DEALS\_V
- XTR\_QUICK\_INPUT\_QUOTES\_V
- XTR\_RATE\_SETS\_V
- XTR\_RECONCILIATION\_HEADERS\_V
- XTR\_RECONCILIATION\_PROCESS\_V
- XTR\_REVALUATION\_DETAILS\_V
- XTR\_REVALUATION\_RATES\_V

- XTR\_REVIEW\_ALL\_CONTRACTS\_V
- XTR\_ROLLOVER\_TRANSACTIONS\_V
- XTR\_SETTLEMENT\_CATEGORIES\_V
- XTR\_SETTLEMENT\_CONTACTS\_V
- XTR\_SETTLEMENT\_SCRIPTS\_V
- XTR\_SETUP\_AUDIT\_REQMTS\_V
- XTR\_SOURCE\_OF\_IMPORTS\_V
- XTR\_SPOT\_RATES\_V
- XTR\_STANDING\_INSTRUCTIONS\_V
- XTR\_TAX\_BROKERAGE\_RATES\_V
- XTR\_TAX\_BROKERAGE\_SETUP\_V
- XTR\_TAX\_CATEGORIES\_V
- XTR\_TIME\_RESTRICTIONS\_V
- XTR\_TMM\_SUMMARY\_V
- XTR\_TY\_SUB\_PRD\_COMBIN\_V
- XTR\_VOUCHER\_REFERENCES\_V

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## Internal View List

This section lists each private, internal view that Oracle Treasury uses.



**Warning:** Oracle Corporation does not support access to Oracle Applications data using these views, except from standard Oracle Applications forms, reports, and programs.

Oracle Treasury uses the following internal views:

- XTR\_ACCOUNT\_MANAGERS\_V
- XTR\_ARCHIVE\_ERROR\_LOG\_V
- XTR\_ARCHIVE\_HISTORY\_V
- XTR\_ARCHIVE\_SETUP\_V
- XTR\_AUDIT\_GROUPS\_V
- XTR\_AUTH\_DEAL\_SUBTYPES\_V
- XTR\_AUTH\_PRODUCT\_TYPES\_V
- XTR\_AVAILABLE\_FOR\_RECON\_V
- XTR\_A\_ALL\_CONTRACTS\_V
- XTR\_A\_BANK\_ACCOUNTS\_V
- XTR\_A\_BANK\_BALANCES\_V
- XTR\_A\_BANK\_SETTLEMENT\_CODES\_V
- XTR\_A\_BOND\_ISSUES\_V
- XTR\_A\_BUY\_SELL\_COMBINATIONS\_V
- XTR\_A\_COMPANY\_LIMITS\_V
- XTR\_A\_COUNTERPARTY\_LIMITS\_V
- XTR\_A\_DEALER\_CODES\_V
- XTR\_A\_DEALER\_LIMITS\_V
- XTR\_A\_DEALS\_V
- XTR\_A\_DEAL\_DATE\_AMOUNTS\_V
- XTR\_A\_DEAL\_ORDERS\_V
- XTR\_A\_EXPOSURE\_TRANSACTIONS\_V
- XTR\_A\_EXPOSURE\_TYPES\_V
- XTR\_A\_GL\_REFERENCES\_V
- XTR\_A\_INTERGROUP\_TRANSFERS\_V

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- XTR\_A\_JOURNALS\_V
- XTR\_A\_JOURNAL\_ENTRY\_ACTIONS\_V
- XTR\_A\_MASTER\_CURRENCIES\_V
- XTR\_A\_PARTY\_DEFAULTS\_V
- XTR\_A\_PARTY\_INFO\_V
- XTR\_A\_PORTFOLIOS\_V
- XTR\_A\_PRODUCT\_TYPES\_V
- XTR\_A\_PRO\_PARAM\_V
- XTR\_A\_RATE\_SETS\_V
- XTR\_A\_REVALUATION\_DETAILS\_V
- XTR\_A\_REVALUATION\_RATES\_V
- XTR\_A\_ROLLOVER\_TRANSACTIONS\_V
- XTR\_A\_SETTLEMENT\_CATEGORIES\_V
- XTR\_A\_STANDING\_INSTRUCTIONS\_V
- XTR\_A\_TAX\_BROKERAGE\_RATES\_V
- XTR\_A\_TAX\_BROKERAGE\_SETUP\_V
- XTR\_A\_TAX\_CATEGORIES\_V
- XTR\_BANK\_BAL\_INTERFACE\_V
- XTR\_BOND\_COUPON\_DATES\_V
- XTR\_BOND\_ISSUES\_V
- XTR\_BUY\_SELL\_COMBINATIONS\_V
- XTR\_CASH\_TRANSACTIONS\_V
- XTR\_COST\_OF\_FUNDS\_V
- XTR\_CUM\_DIST\_CALCS\_V
- XTR\_DATE\_AMOUNT\_TYPES\_V
- XTR\_DDA\_EXPOSURES\_V
- XTR\_DEAL\_CONFO\_TYPES\_V
- XTR\_DEDUCTION\_CALCS\_V
- XTR\_EFT\_CREDITS\_V
- XTR\_EFT\_DEBITS\_V

- XTR\_EXPOSURE\_SUMMARY\_V
- XTR\_FUTURES\_V
- XTR\_FX\_EXPOSURES\_VIEW\_V
- XTR\_FX\_ROLL\_PRE\_ITERATIONS\_V
- XTR\_FX\_WHAT\_IFS\_V
- XTR\_GL\_REFERENCES\_V
- XTR\_IMPORT\_TRAILER\_DETAILS\_V
- XTR\_IRE\_MATURITY\_BY\_POLICY\_V
- XTR\_IRS\_ACTUALS\_V
- XTR\_ITEM\_RELEASE\_DETAILS\_V
- XTR\_JEA\_DUPLICATE\_V
- XTR\_JOURNAL\_ENTRY\_ACTIONS\_V
- XTR\_LAYOUT\_RESULTS\_V
- XTR\_LOAN\_SECURITIES\_V
- XTR\_MIRROR\_DDA\_LIM\_ROW\_TMP\_V
- XTR\_MTS\_RECORDS\_V
- XTR\_PARTY\_INFO\_V
- XTR\_PRINTED\_FILE\_DETAILS\_V
- XTR\_RECONCILIATION\_PASSES\_V
- XTR\_REVIEW\_CURRENCIES\_V
- XTR\_R\_BANK\_BALANCES\_V
- XTR\_R\_CURRENCY\_CROSS\_RATES\_V
- XTR\_R\_DEALS\_V
- XTR\_R\_DEAL\_DATE\_AMOUNTS\_V
- XTR\_R\_EXPOSURE\_TRANSACTIONS\_V
- XTR\_R\_INTEREST\_PERIOD\_RATES\_V
- XTR\_R\_ROLLOVER\_TRANSACTIONS\_V
- XTR\_R\_SPOT\_RATES\_V
- XTR\_SETTLE\_ROW\_UTILISED\_V
- XTR\_TERM\_ACTIONS\_V

- XTR\_TERM\_ACTION\_REQUESTS\_V
- XTR\_TMP\_FX\_EXPOSURE\_V
- XTR\_YIELD\_CURVES\_V

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## Multilingual View List

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

Oracle Treasury uses the following Multilingual views:

- XTR\_SYS\_LANGUAGES\_VL

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## Module List

This section lists each form, report and concurrent program comprising Oracle Treasury.

---

### Forms

|           |   |
|-----------|---|
| XTRACACL  | Accruals  |
| XTRACJNL  | Daily Journals  |
| XTRACJST  | Journal Entry Actions                                     |
| XTRACREV  | Revaluations  |
| XTRAUACC  | User Access Levels  |
| XTRAUREQ  | Audit Requirements  |
| XTRAUSUM  | View Audit Summary  |
| XTRBAINS  | Bank Account Interest Setoffs                             |
| XTRCAANN  | Annuity Calculator  |
| XTRCAFXR  | Fixed income Securities Calculator                        |
| XTREQADL  | View Deals  |
| XTREQAVG  | View Average Rates  |
| XTREQCAN  | View Cancelled Transactions                               |
| XTREQCFN  | Confirmation Letters                                      |
| XTREQCSS  | View Cashflow Summary                                     |
| XTREQDLC  | View Deal Linking Codes                                   |
| XTREQDLD  | View Deal Details   |
| XTREQFXH  | View Foreign Exchange Deal Rollover / Predelivery History |
| XTREQUIRE | View Interest Rate Exposures                              |
| XTREQLIQ  | View Limits Liquidity                                     |
| XTREQMDL  | View Currency Positions                                   |
| XTREQNET  | View Net Transaction Positions                            |
| XTRFCDFN  | Cash Forecast Template                                    |
| XTRINBDO  | Fixed Income Securities Options                           |
| XTRINBND  | Fixed Income Securities                                   |

|          |  |
|----------|--|
| XTRINBNK | Current Account Balances                       |
| XTRINDIS | Discounted Securities                          |
| XTRINEXP | Exposure Transactions                          |
| XTRINFRA | Forward Rate Agreements                        |
| XTRINFXO | Foreign Exchange Options                       |
| XTRINFXR | Foreign Exchange Deal Rollover / Predeliveries |
| XTRINFXS | Foreign Exchange Spot / Forwards               |
| XTRINIAC | Inter-Account Transfers                        |
| XTRINING | Intercompany Funding                           |
| XTRINIRO | Interest Rate Options                          |
| XTRINIRS | Interest Rate Swaps                            |
| XTRINMIM | Manual Statement Input                         |
| XTRINORD | Deal Orders                                    |
| XTRINQIN | Quick Deals                                    |
| XTRINRBN | Fixed Income Security Resales                  |
| XTRINRDS | Discounted Security Resales                    |
| XTRINRTL | Retail Term Money                              |
| XTRINSHT | Short Term Money                               |
| XTRINSWN | Interest Rate Swaptions                        |
| XTRINTXB | Tax / Brokerage Settlements                    |
| XTRINWHL | Wholesale Term Money                           |
| XTRLCHK  | Limit Check                                    |
| XTRLIEXC | Limit Excesses                                 |
| XTRLIQRY | Limit Utilization                              |
| XTRLISET | Limits   |
| XTRMTREC | Bank Account Reconciliation                    |
| XTRMTVAL | Transaction Validation                         |
| XTRRAPRD | Product Rates                                  |
| XTRRASYS | Current System Rates                           |
| XTRRPTMP | Confirmation Templates                         |
| XTRSEBKP | Bank Account Interest Rates                    |
| XTRSEBKR | Brokerage Schedule and Details                 |

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|          |                             |
|----------|-----------------------------|
| XTRSEBND | Bond Issues                 |
| XTRSECFG | Deal Confirmation Groups    |
| XTRSECOM | Company Profiles            |
| XTRSECPY | Counterparty Profiles       |
| XTRSEDAD | Default Settlement Accounts |
| XTRSEEXP | Exposure Types              |
| XTRSEFXP | Currency Details            |
| XTRSEHOL | Currency Holiday Rules      |
| XTRSEISS | Bill / Bond Issue Numbers   |
| XTRSELNG | System Languages            |
| XTRSEMP  | Interest Rate Policies      |
| XTRSEPAR | System Parameters           |
| XTRSEPGP | Party Group Codes           |
| XTRSEPOR | Portfolio Codes             |
| XTRSEPYS | Payment Schedules           |
| XTRSESRC | Import Sources              |
| XTRSETAX | Tax Schedule and Details    |
| XTRSETOL | Deal Rate Tolerances        |
| XTRSETYP | Deal Types / Product Types  |
| XTRSLACT | Default Settlement Actions  |
| XTRSLCBK | View Cash Book Summary      |
| XTRSLSET | Settlements                 |

---

## Reports

|          |                                      |
|----------|--------------------------------------|
| XTRAUNCL | Cancelled Transaction Summary Report |
| XTRAUSRM | Audit Summary Report                 |
| XTRCFACC | Cash Flows by Account Report         |
| XTRCFCCY | Cash Flows by Currency Report        |
| XTRCFCON | Consolidated Cashflows Report        |
| XTRDISRE | Discounted Securities Register       |
| XTRFCERR | Cash Forecasting Execution Report    |

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|           |   |
|-----------|---|
| XTRFXAVG  | Average Foreign Exchange Deal Rates Report                |
| XTRFXDEL  | Foreign Exchange Deal Rate versus Spot Rate Report        |
| XTRFXEXP  | Foreign Exchange Exposures Report                         |
| XTRFXREV  | Foreign Exchange Deal Revaluation Report                  |
| XTRFXTAX  | Foreign Exchange Deal Tax Gain / Loss Report              |
| XTRIGINS  | Intercompany Interest Settlement Report                   |
| XTRIGSUM  | Intercompany Statements                                   |
| XTRIREXP  | Interest Rate Exposures Report                            |
| XTRIRHED  | Interest Rate Hedges Report                               |
| XTRJLDAT  | Journals by Date Report                                   |
| XTRLIEXP  | Limit Exceptions Log                                      |
| XTRLIU TL | Limit Utilizations Report                                 |
| XTRLTCFM  | Confirmation Letters                                      |
| XTRLTDAP  | Daily Payment / Receipt Letters                           |
| XTRLTIGI  | Intercompany Letters                                      |
| XTRMILNS  | Loan Securities Report                                    |
| XTRMTCPY  | Maturities by Counterparty Report                         |
| XTRMTDAT  | Maturities by Date Report                                 |
| XTRRTAMT  | Monthly Average Rates / Amounts Report                    |
| XTRSESTA  | Settlement Status Report                                  |
| XTRSTDAY  | Daily Payment / Receipt Report                            |
| XTRTMAOD  | Retail Term Money Overdues Report                         |
| XTRTMAVG  | Retail Term Money Average Rates Report                    |
| XTRTM BLS | Retail Term Money Current Balance Summary Report          |
| XTRTM BLT | Retail Term Money by Deal Subtype and Product Type Report |
| XTRTMNEW  | New / Settled Retail Term Money Report                    |
| XTRTMODR  | Retail Term Money Aging Report                            |
| XTRTMSTM  | Retail Term Money Statements                              |



# Detailed Design

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

---

## 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 Treasury that enables you to:

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

---

## Table and View Definitions

The Table and View Definitions section contains a detailed definition of Oracle Treasury 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 Treasury application contains, and how it uses them to hold and access the information it needs.

---

## Table and View Definitions

This section contains a detailed description of each Oracle Treasury 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 Treasury 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

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.

---

## 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 Treasury 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 Treasury 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 Treasury does not use this column, although the column might be used in a future release.   |
| <b>No longer used</b>      | Oracle Treasury no longer uses this column. AutoInstall installs this column. Subsequent versions of Oracle Treasury might not include this column.  |
| <b>No longer installed</b> | Oracle Treasury 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 Treasury, you do not have this column. |

### Standard Who Columns

---

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

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|                          |  |
|--------------------------|--|
| <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 Treasury 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.

---

### Columns Reserved for Country-Specific Localizations

---

Some tables have GLOBAL\_ATTRIBUTE columns which support additional features added to Oracle Treasury to meet statutory requirements and common business practices in your country or region. For details on these columns, refer to the Appendix in *Oracle Financials Regional Technical Reference Manual*. To read more about the features that these columns support, look for a User Guide appropriate to your country; for example, see the *Oracle Financials for the Czech Republic User Guide*.

---

## Indexes

If an Oracle Treasury 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 Treasury.

---

## Sequences

Oracle Treasury 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.

---

## 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 Treasury 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.

## CE\_FORECAST\_HEADERS

The CE\_FORECAST\_HEADERS table stores the header information of your cash forecast templates. Each row includes the template header ID, name, description, and an indicator to specify whether you are forecasting by GL accounting periods or simply by a range of dates. You must first create a template in order to generate a forecast.

This table corresponds to the Forecast Template window of the Forecast Templates form.

### Foreign Keys

| Primary Key Table       | Primary Key Column      | Foreign Key Column      |
|-------------------------|-------------------------|-------------------------|
| GL_TRANSACTION_CALENDAR | TRANSACTION_CALENDAR_ID | TRANSACTION_CALENDAR_ID |
| PA_PROJECTS_ALL         | PROJECT_ID              | START_PROJECT_ID        |
| PA_PROJECTS_ALL         | PROJECT_ID              | END_PROJECT_ID          |

### Column Descriptions

| Name                    | Null?    | Type          | Description   |
|-------------------------|----------|---------------|---|
| FORECAST_HEADER_ID (PK) | NOT NULL | NUMBER(15)    | System-assigned forecast template identifier  |
| NAME                    | NOT NULL | VARCHAR2(30)  | User-assigned forecast template name  |
| AGING_TYPE              | NOT NULL | VARCHAR2(1)   | Specifies forecast periods, lookup type FORECAST_AGING_TYPE   |
| OVERDUE_TRANSACTIONS    | NOT NULL | VARCHAR2(30)  | A flag to indicate whether to include or exclude overdue transactions, lookup type FORECAST_OVERDUE_TRX |
| CUTOFF_PERIOD           | NULL     | NUMBER(15)    | Number of days or accounting periods for cutoff periods for including overdue transactions              |
| TRANSACTION_CALENDAR_ID | NULL     | NUMBER(15)    | Transaction or Business Calendar 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   |
| DESCRIPTION             | NULL     | VARCHAR2(255) | Forecast template description   |
| ATTRIBUTE_CATEGORY      | NULL     | VARCHAR2(30)  | Descriptive Flexfield structure defining column   |
| ATTRIBUTE1              | NULL     | VARCHAR2(150) | Descriptive Flexfield segment   |
| ATTRIBUTE2              | NULL     | VARCHAR2(150) | Descriptive Flexfield segment   |
| ATTRIBUTE3              | NULL     | VARCHAR2(150) | Descriptive Flexfield segment   |
| ATTRIBUTE4              | NULL     | VARCHAR2(150) | Descriptive Flexfield segment   |
| ATTRIBUTE5              | NULL     | VARCHAR2(150) | Descriptive Flexfield segment   |
| ATTRIBUTE6              | NULL     | VARCHAR2(150) | Descriptive Flexfield segment   |
| ATTRIBUTE7              | NULL     | VARCHAR2(150) | Descriptive Flexfield segment   |
| ATTRIBUTE8              | NULL     | VARCHAR2(150) | Descriptive Flexfield segment   |
| ATTRIBUTE9              | NULL     | VARCHAR2(150) | Descriptive Flexfield segment   |
| ATTRIBUTE10             | NULL     | VARCHAR2(150) | Descriptive Flexfield segment   |
| ATTRIBUTE11             | NULL     | VARCHAR2(150) | Descriptive Flexfield segment   |
| ATTRIBUTE12             | NULL     | VARCHAR2(150) | Descriptive Flexfield segment   |
| ATTRIBUTE13             | NULL     | VARCHAR2(150) | Descriptive Flexfield segment   |

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*Column Descriptions (Continued)*

| Name              | Null? | Type          | Description   |
|-------------------|-------|---------------|---|
| ATTRIBUTE14       | NULL  | VARCHAR2(150) | Descriptive Flexfield segment                         |
| ATTRIBUTE15       | NULL  | VARCHAR2(150) | Descriptive Flexfield segment                         |
| START_PROJECT_ID  | NULL  | NUMBER(15)    | Start Project Number for Project-Related source types |
| END_PROJECT_ID    | NULL  | NUMBER(15)    | End Project Number for Project-Related source types   |
| TREASURY_TEMPLATE | NULL  | VARCHAR2(1)   | The flag to indicate treasury forecast template       |

*Indexes*

| Index Name             | Index Type | Sequence | Column Name        |
|------------------------|------------|----------|--------------------|
| CE_FORECAST_HEADERS_U1 | UNIQUE     | 1        | FORECAST_HEADER_ID |
| CE_FORECAST_HEADERS_U2 | UNIQUE     | 1        | NAME               |

*Sequences*

| Sequence              | Derived Column     |
|-----------------------|--------------------|
| CE_FORECAST_HEADERS_S | FORECAST_HEADER_ID |

## FND\_CURRENCIES

FND\_CURRENCIES stores information about currencies. Each row includes the currency code (CURRENCY\_CODE) established by ISO (International Standards Organization) standard, the name of the currency (NAME), a flag to indicate whether the currency is enabled for use at your site (ENABLED\_FLAG), a flag to indicate if this is a currency or a statistical unit (CURRENCY\_FLAG), and the territory code of the issuing country (ISSUING\_TERRITORY\_CODE). Each row also includes the number of digits to the right of the decimal point (PRECISION), the extended precision (EXTENDED\_PRECISION), the symbol denoting the currency, a description of the currency, and descriptive flexfield attribute columns. There is also information on when the currency becomes active and inactive, and the minimum accountable unit for the currency. You need one row for each currency defined with Oracle Application Object Library. Oracle Application Object Library uses this information to display dynamic currency values. You can also use this information to assign a currency to a set of books.

### Foreign Keys

| Primary Key Table | Primary Key Column | Foreign Key Column     |
|-------------------|--------------------|------------------------|
| FND_TERRITORIES   | TERRITORY_CODE     | ISSUING_TERRITORY_CODE |

### QuickCodes Columns

| Column        | QuickCodes Type | QuickCodes Table |
|---------------|-----------------|------------------|
| CURRENCY_FLAG | YES_NO          | FND_LOOKUPS      |
|               | N               | No               |
|               | Y               | Yes              |
| ENABLED_FLAG  | YES_NO_NEVER    | FND_LOOKUPS      |
|               | N               | No               |
|               | Y               | Yes              |

### Column Descriptions

| Name                   | Null?    | Type          | Description  |
|------------------------|----------|---------------|--|
| CURRENCY_CODE (PK)     | NOT NULL | VARCHAR2(15)  | Currency code  |
| LAST_UPDATE_DATE       | NOT NULL | DATE          | Standard Who column  |
| LAST_UPDATED_BY        | NOT NULL | NUMBER(15)    | Standard Who column  |
| CREATION_DATE          | NOT NULL | DATE          | Standard Who column  |
| CREATED_BY             | NOT NULL | NUMBER(15)    | Standard Who column  |
| LAST_UPDATE_LOGIN      | NOT NULL | NUMBER(15)    | Standard Who column  |
| ENABLED_FLAG           | NOT NULL | VARCHAR2(1)   | Enabled flag   |
| CURRENCY_FLAG          | NOT NULL | VARCHAR2(1)   | Flag to indicate if the currency is a statistical unit or a currency |
| DESCRIPTION            | NULL     | VARCHAR2(240) | Description  |
| ISSUING_TERRITORY_CODE | NULL     | VARCHAR2(2)   | The territory code of the country issuing the currency               |
| PRECISION              | NULL     | NUMBER(1)     | Maximum number of digits to the right of decimal point               |

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Column Descriptions (Continued)

| Name                      | Null?    | Type          | Description   |
|---------------------------|----------|---------------|---|
| EXTENDED_PRECISION        | NULL     | NUMBER(2)     | Extended precision  |
| SYMBOL                    | NULL     | VARCHAR2(4)   | The symbol denoting the currency                                    |
| START_DATE_ACTIVE         | NULL     | DATE          | The date when the currency code becomes active                      |
| END_DATE_ACTIVE           | NULL     | DATE          | The date the currency code expires                                  |
| MINIMUM_ACCOUNTABLE_UNIT  | NULL     | NUMBER        | Minimum accountable unit for the currency                           |
| CONTEXT                   | NULL     | VARCHAR2(80)  | Attribute category for the currency                                 |
| ISO_FLAG                  | NOT NULL | VARCHAR2(1)   | Flag to indicate whether or not the currency is defined in ISO-4217 |
| ATTRIBUTE1                | NULL     | VARCHAR2(150) | Descriptive flexfield segment                                       |
| ATTRIBUTE2                | NULL     | VARCHAR2(150) | Descriptive flexfield segment                                       |
| ATTRIBUTE3                | NULL     | VARCHAR2(150) | Descriptive flexfield segment                                       |
| ATTRIBUTE4                | NULL     | VARCHAR2(150) | Descriptive flexfield segment                                       |
| ATTRIBUTE5                | NULL     | VARCHAR2(150) | Descriptive flexfield segment                                       |
| ATTRIBUTE6                | NULL     | VARCHAR2(150) | Descriptive flexfield segment                                       |
| ATTRIBUTE7                | NULL     | VARCHAR2(150) | Descriptive flexfield segment                                       |
| ATTRIBUTE8                | NULL     | VARCHAR2(150) | Descriptive flexfield segment                                       |
| ATTRIBUTE9                | NULL     | VARCHAR2(150) | Descriptive flexfield segment                                       |
| ATTRIBUTE10               | NULL     | VARCHAR2(150) | Descriptive flexfield segment                                       |
| ATTRIBUTE11               | NULL     | VARCHAR2(150) | Descriptive flexfield segment                                       |
| ATTRIBUTE12               | NULL     | VARCHAR2(150) | Descriptive flexfield segment                                       |
| ATTRIBUTE13               | NULL     | VARCHAR2(150) | Descriptive flexfield segment                                       |
| ATTRIBUTE14               | NULL     | VARCHAR2(150) | Descriptive flexfield segment                                       |
| ATTRIBUTE15               | NULL     | VARCHAR2(150) | Descriptive flexfield segment                                       |
| GLOBAL_ATTRIBUTE_CATEGORY | NULL     | VARCHAR2(150) | Reserved for country-specific functionality                         |
| GLOBAL_ATTRIBUTE1         | NULL     | VARCHAR2(150) | Reserved for country-specific functionality                         |
| GLOBAL_ATTRIBUTE2         | NULL     | VARCHAR2(150) | Reserved for country-specific functionality                         |
| GLOBAL_ATTRIBUTE3         | NULL     | VARCHAR2(150) | Reserved for country-specific functionality                         |
| GLOBAL_ATTRIBUTE4         | NULL     | VARCHAR2(150) | Reserved for country-specific functionality                         |
| GLOBAL_ATTRIBUTE5         | NULL     | VARCHAR2(150) | Reserved for country-specific functionality                         |
| GLOBAL_ATTRIBUTE6         | NULL     | VARCHAR2(150) | Reserved for country-specific functionality                         |
| GLOBAL_ATTRIBUTE7         | NULL     | VARCHAR2(150) | Reserved for country-specific functionality                         |
| GLOBAL_ATTRIBUTE8         | NULL     | VARCHAR2(150) | Reserved for country-specific functionality                         |
| GLOBAL_ATTRIBUTE9         | NULL     | VARCHAR2(150) | Reserved for country-specific functionality                         |
| GLOBAL_ATTRIBUTE10        | NULL     | VARCHAR2(150) | Reserved for country-specific functionality                         |
| GLOBAL_ATTRIBUTE11        | NULL     | VARCHAR2(150) | Reserved for country-specific functionality                         |
| GLOBAL_ATTRIBUTE12        | NULL     | VARCHAR2(150) | Reserved for country-specific functionality                         |
| GLOBAL_ATTRIBUTE13        | NULL     | VARCHAR2(150) | Reserved for country-specific functionality                         |
| GLOBAL_ATTRIBUTE14        | NULL     | VARCHAR2(150) | Reserved for country-specific functionality                         |

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Column Descriptions (Continued)

| Name               | Null? | Type          | Description  |
|--------------------|-------|---------------|--|
| GLOBAL_ATTRIBUTE15 | NULL  | VARCHAR2(150) | Reserved for country-specific functionality  |
| GLOBAL_ATTRIBUTE16 | NULL  | VARCHAR2(150) | Reserved for country-specific functionality  |
| GLOBAL_ATTRIBUTE17 | NULL  | VARCHAR2(150) | Reserved for country-specific functionality  |
| GLOBAL_ATTRIBUTE18 | NULL  | VARCHAR2(150) | Reserved for country-specific functionality  |
| GLOBAL_ATTRIBUTE19 | NULL  | VARCHAR2(150) | Reserved for country-specific functionality  |
| GLOBAL_ATTRIBUTE20 | NULL  | VARCHAR2(150) | Reserved for country-specific functionality  |
| DERIVE_EFFECTIVE   | NULL  | DATE          | The date from which this currency's value becomes derived from the related currency. If this value is null or later than the computation date, then the other derive_ columns are undefined.                           |
| DERIVE_TYPE        | NULL  | VARCHAR2(8)   | Indicates whether the currency has a special relationship with other currencies. Currently, only EURO (Euro currency), EMU (European Monetary Union currency), and NULL (no special relationship) are possible values. |
| DERIVE_FACTOR      | NULL  | NUMBER        | Multiple applied to the base currency to derive this currency. Only used for the derived currency in a relationship.   |

Indexes

| Index Name        | Index Type | Sequence | Column Name   |
|-------------------|------------|----------|---------------|
| FND_CURRENCIES_N1 | NOT UNIQUE | 2        | DERIVE_TYPE   |
| FND_CURRENCIES_U1 | UNIQUE     | 1        | CURRENCY_CODE |

## GL\_CODE\_COMBINATIONS

GL\_CODE\_COMBINATIONS stores valid account combinations for each Accounting Flexfield structure within your Oracle General Ledger application. Associated with each account are certain codes and flags, including whether the account is enabled, whether detail posting or detail budgeting is allowed, and others.

Segment values are stored in the SEGMENT columns. Note that each Accounting Flexfield structure may use different SEGMENT columns within the table to store the flexfield value combination. Moreover, the SEGMENT columns that are used are not guaranteed to be in any order.

The Oracle Application Object Library table FND\_ID\_FLEX\_SEGMENTS stores information about which column in this table is used for each segment of each Accounting Flexfield structure. Summary accounts have SUMMARY\_FLAG = 'Y' and TEMPLATE\_ID not NULL. Detail accounts have SUMMARY\_FLAG = 'N' and TEMPLATE\_ID NULL.

### Foreign Keys

| Primary Key Table      | Primary Key Column | Foreign Key Column   |
|------------------------|--------------------|----------------------|
| FND_ID_FLEX_STRUCTURES | ID_FLEX_NUM        | CHART_OF_ACCOUNTS_ID |
| GL_SUMMARY_TEMPLATES   | TEMPLATE_ID        | TEMPLATE_ID          |

### QuickCodes Columns

| Column                        | QuickCodes Type | QuickCodes Table |
|-------------------------------|-----------------|------------------|
| ACCOUNT_TYPE                  | ACCOUNT TYPE    | GL_LOOKUPS       |
|                               | A               | A                |
|                               | E               | E                |
|                               | L               | L                |
|                               | O               | O                |
| DETAIL_BUDGETING_ALLOWED_FLAG | R               | R                |
|                               | YES/NO          | GL_LOOKUPS       |
|                               | N               | No               |
|                               | Y               | Yes              |
| DETAIL_POSTING_ALLOWED_FLAG   | YES/NO          | GL_LOOKUPS       |
|                               | N               | No               |
|                               | Y               | Yes              |
| ENABLED_FLAG                  | YES/NO          | GL_LOOKUPS       |
|                               | N               | No               |
|                               | Y               | Yes              |
| PRESERVE_FLAG                 | YES/NO          | GL_LOOKUPS       |
|                               | N               | No               |
|                               | Y               | Yes              |
| REFRESH_FLAG                  | YES/NO          | GL_LOOKUPS       |
|                               | N               | No               |
|                               | Y               | Yes              |

# *QuickCodes Columns (Continued)*

| Column       | QuickCodes Type | QuickCodes Table |
|--------------|-----------------|------------------|
| SUMMARY_FLAG | YES/NO          | GL_LOOKUPS       |
|              | N               | No               |
|              | Y               | Yes              |

## *Column Descriptions*

| Name                          | Null?    | Type          | Description  |
|-------------------------------|----------|---------------|--|
| CODE_COMBINATION_ID (PK)      | NOT NULL | NUMBER(15)    | Key flexfield combination defining column              |
| LAST_UPDATE_DATE              | NOT NULL | DATE          | Standard Who column                                    |
| LAST_UPDATED_BY               | NOT NULL | NUMBER        | Standard Who column                                    |
| CHART_OF_ACCOUNTS_ID          | NOT NULL | NUMBER(15)    | Key flexfield structure defining column                |
| DETAIL_POSTING_ALLOWED_FLAG   | NOT NULL | VARCHAR2(1)   | Detail posting flag                                    |
| DETAIL_BUDGETING_ALLOWED_FLAG | NOT NULL | VARCHAR2(1)   | Detail budgeting flag                                  |
| ACCOUNT_TYPE                  | NOT NULL | VARCHAR2(1)   | Key flexfield combination type (Asset, Liability, etc) |
| ENABLED_FLAG                  | NOT NULL | VARCHAR2(1)   | Key flexfield enabled flag                             |
| SUMMARY_FLAG                  | NOT NULL | VARCHAR2(1)   | Summary account flag                                   |
| SEGMENT1                      | NULL     | VARCHAR2(25)  | Key flexfield segment                                  |
| SEGMENT2                      | NULL     | VARCHAR2(25)  | Key flexfield segment                                  |
| SEGMENT3                      | NULL     | VARCHAR2(25)  | Key flexfield segment                                  |
| SEGMENT4                      | NULL     | VARCHAR2(25)  | Key flexfield segment                                  |
| SEGMENT5                      | NULL     | VARCHAR2(25)  | Key flexfield segment                                  |
| SEGMENT6                      | NULL     | VARCHAR2(25)  | Key flexfield segment                                  |
| SEGMENT7                      | NULL     | VARCHAR2(25)  | Key flexfield segment                                  |
| SEGMENT8                      | NULL     | VARCHAR2(25)  | Key flexfield segment                                  |
| SEGMENT9                      | NULL     | VARCHAR2(25)  | Key flexfield segment                                  |
| SEGMENT10                     | NULL     | VARCHAR2(25)  | Key flexfield segment                                  |
| SEGMENT11                     | NULL     | VARCHAR2(25)  | Key flexfield segment                                  |
| SEGMENT12                     | NULL     | VARCHAR2(25)  | Key flexfield segment                                  |
| SEGMENT13                     | NULL     | VARCHAR2(25)  | Key flexfield segment                                  |
| SEGMENT14                     | NULL     | VARCHAR2(25)  | Key flexfield segment                                  |
| SEGMENT15                     | NULL     | VARCHAR2(25)  | Key flexfield segment                                  |
| SEGMENT16                     | NULL     | VARCHAR2(25)  | Key flexfield segment                                  |
| SEGMENT17                     | NULL     | VARCHAR2(25)  | Key flexfield segment                                  |
| SEGMENT18                     | NULL     | VARCHAR2(25)  | Key flexfield segment                                  |
| SEGMENT19                     | NULL     | VARCHAR2(25)  | Key flexfield segment                                  |
| SEGMENT20                     | NULL     | VARCHAR2(25)  | Key flexfield segment                                  |
| SEGMENT21                     | NULL     | VARCHAR2(25)  | Key flexfield segment                                  |
| SEGMENT22                     | NULL     | VARCHAR2(25)  | Key flexfield segment                                  |
| SEGMENT23                     | NULL     | VARCHAR2(25)  | Key flexfield segment                                  |
| SEGMENT24                     | NULL     | VARCHAR2(25)  | Key flexfield segment                                  |
| SEGMENT25                     | NULL     | VARCHAR2(25)  | Key flexfield segment                                  |
| SEGMENT26                     | NULL     | VARCHAR2(25)  | Key flexfield segment                                  |
| SEGMENT27                     | NULL     | VARCHAR2(25)  | Key flexfield segment                                  |
| SEGMENT28                     | NULL     | VARCHAR2(25)  | Key flexfield segment                                  |
| SEGMENT29                     | NULL     | VARCHAR2(25)  | Key flexfield segment                                  |
| SEGMENT30                     | NULL     | VARCHAR2(25)  | Key flexfield segment                                  |
| DESCRIPTION                   | NULL     | VARCHAR2(240) | Key flexfield description                              |
| TEMPLATE_ID                   | NULL     | NUMBER(15)    | Summary template defining column                       |
| ALLOCATION_CREATE_FLAG        | NULL     | VARCHAR2(1)   | Not currently used                                     |
| START_DATE_ACTIVE             | NULL     | DATE          | Date before which key flexfield combination is invalid |

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Column Descriptions (Continued)

| Name                | Null? | Type          | Description   |
|---------------------|-------|---------------|---|
| END_DATE_ACTIVE     | NULL  | DATE          | Date after which key flexfield combination is invalid |
| ATTRIBUTE1          | NULL  | VARCHAR2(150) | Descriptive flexfield segment                         |
| ATTRIBUTE2          | NULL  | VARCHAR2(150) | Descriptive flexfield segment                         |
| ATTRIBUTE3          | NULL  | VARCHAR2(150) | Descriptive flexfield segment                         |
| ATTRIBUTE4          | NULL  | VARCHAR2(150) | Descriptive flexfield segment                         |
| ATTRIBUTE5          | NULL  | VARCHAR2(150) | Descriptive flexfield segment                         |
| ATTRIBUTE6          | NULL  | VARCHAR2(150) | Descriptive flexfield segment                         |
| ATTRIBUTE7          | NULL  | VARCHAR2(150) | Descriptive flexfield segment                         |
| ATTRIBUTE8          | NULL  | VARCHAR2(150) | Descriptive flexfield segment                         |
| ATTRIBUTE9          | NULL  | VARCHAR2(150) | Descriptive flexfield segment                         |
| ATTRIBUTE10         | NULL  | VARCHAR2(150) | Descriptive flexfield segment                         |
| CONTEXT             | NULL  | VARCHAR2(150) | Descriptive flex context column                       |
| SEGMENT_ATTRIBUTE1  | NULL  | VARCHAR2(60)  | Reporting attribute key flexfield segment             |
| SEGMENT_ATTRIBUTE2  | NULL  | VARCHAR2(60)  | Reporting attribute key flexfield segment             |
| SEGMENT_ATTRIBUTE3  | NULL  | VARCHAR2(60)  | Reporting attribute key flexfield segment             |
| SEGMENT_ATTRIBUTE4  | NULL  | VARCHAR2(60)  | Reporting attribute key flexfield segment             |
| SEGMENT_ATTRIBUTE5  | NULL  | VARCHAR2(60)  | Reporting attribute key flexfield segment             |
| SEGMENT_ATTRIBUTE6  | NULL  | VARCHAR2(60)  | Reporting attribute key flexfield segment             |
| SEGMENT_ATTRIBUTE7  | NULL  | VARCHAR2(60)  | Reporting attribute key flexfield segment             |
| SEGMENT_ATTRIBUTE8  | NULL  | VARCHAR2(60)  | Reporting attribute key flexfield segment             |
| SEGMENT_ATTRIBUTE9  | NULL  | VARCHAR2(60)  | Reporting attribute key flexfield segment             |
| SEGMENT_ATTRIBUTE10 | NULL  | VARCHAR2(60)  | Reporting attribute key flexfield segment             |
| SEGMENT_ATTRIBUTE11 | NULL  | VARCHAR2(60)  | Reporting attribute key flexfield segment             |
| SEGMENT_ATTRIBUTE12 | NULL  | VARCHAR2(60)  | Reporting attribute key flexfield segment             |
| SEGMENT_ATTRIBUTE13 | NULL  | VARCHAR2(60)  | Reporting attribute key flexfield segment             |
| SEGMENT_ATTRIBUTE14 | NULL  | VARCHAR2(60)  | Reporting attribute key flexfield segment             |
| SEGMENT_ATTRIBUTE15 | NULL  | VARCHAR2(60)  | Reporting attribute key flexfield segment             |
| SEGMENT_ATTRIBUTE16 | NULL  | VARCHAR2(60)  | Reporting attribute key flexfield segment             |
| SEGMENT_ATTRIBUTE17 | NULL  | VARCHAR2(60)  | Reporting attribute key flexfield segment             |
| SEGMENT_ATTRIBUTE18 | NULL  | VARCHAR2(60)  | Reporting attribute key flexfield segment             |
| SEGMENT_ATTRIBUTE19 | NULL  | VARCHAR2(60)  | Reporting attribute key flexfield segment             |
| SEGMENT_ATTRIBUTE20 | NULL  | VARCHAR2(60)  | Reporting attribute key flexfield segment             |
| SEGMENT_ATTRIBUTE21 | NULL  | VARCHAR2(60)  | Reporting attribute key flexfield segment             |
| SEGMENT_ATTRIBUTE22 | NULL  | VARCHAR2(60)  | Reporting attribute key flexfield segment             |
| SEGMENT_ATTRIBUTE23 | NULL  | VARCHAR2(60)  | Reporting attribute key flexfield segment             |

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# Column Descriptions (Continued)

| Name                | Null? | Type         | Description  |
|---------------------|-------|--------------|--|
| SEGMENT_ATTRIBUTE24 | NULL  | VARCHAR2(60) | Reporting attribute key flexfield segment                  |
| SEGMENT_ATTRIBUTE25 | NULL  | VARCHAR2(60) | Reporting attribute key flexfield segment                  |
| SEGMENT_ATTRIBUTE26 | NULL  | VARCHAR2(60) | Reporting attribute key flexfield segment                  |
| SEGMENT_ATTRIBUTE27 | NULL  | VARCHAR2(60) | Reporting attribute key flexfield segment                  |
| SEGMENT_ATTRIBUTE28 | NULL  | VARCHAR2(60) | Reporting attribute key flexfield segment                  |
| SEGMENT_ATTRIBUTE29 | NULL  | VARCHAR2(60) | Reporting attribute key flexfield segment                  |
| SEGMENT_ATTRIBUTE30 | NULL  | VARCHAR2(60) | Reporting attribute key flexfield segment                  |
| SEGMENT_ATTRIBUTE31 | NULL  | VARCHAR2(60) | Reporting attribute key flexfield segment                  |
| SEGMENT_ATTRIBUTE32 | NULL  | VARCHAR2(60) | Reporting attribute key flexfield segment                  |
| SEGMENT_ATTRIBUTE33 | NULL  | VARCHAR2(60) | Reporting attribute key flexfield segment                  |
| SEGMENT_ATTRIBUTE34 | NULL  | VARCHAR2(60) | Reporting attribute key flexfield segment                  |
| SEGMENT_ATTRIBUTE35 | NULL  | VARCHAR2(60) | Reporting attribute key flexfield segment                  |
| SEGMENT_ATTRIBUTE36 | NULL  | VARCHAR2(60) | Reporting attribute key flexfield segment                  |
| SEGMENT_ATTRIBUTE37 | NULL  | VARCHAR2(60) | Reporting attribute key flexfield segment                  |
| SEGMENT_ATTRIBUTE38 | NULL  | VARCHAR2(60) | Reporting attribute key flexfield segment                  |
| SEGMENT_ATTRIBUTE39 | NULL  | VARCHAR2(60) | Reporting attribute key flexfield segment                  |
| SEGMENT_ATTRIBUTE40 | NULL  | VARCHAR2(60) | Reporting attribute key flexfield segment                  |
| SEGMENT_ATTRIBUTE41 | NULL  | VARCHAR2(60) | Reporting attribute key flexfield segment                  |
| SEGMENT_ATTRIBUTE42 | NULL  | VARCHAR2(60) | Reporting attribute key flexfield segment                  |
| REFERENCE1          | NULL  | VARCHAR2(1)  | Reserved for localization use                              |
| REFERENCE2          | NULL  | VARCHAR2(1)  | Reserved for localization use                              |
| REFERENCE3          | NULL  | VARCHAR2(1)  | Reserved for localization use                              |
| REFERENCE4          | NULL  | VARCHAR2(1)  | Reserved for localization use                              |
| REFERENCE5          | NULL  | VARCHAR2(1)  | Reserved for localization use                              |
| JGZZ_RECON_FLAG     | NULL  | VARCHAR2(1)  | Global reconciliation descriptive flexfield segment        |
| JGZZ_RECON_CONTEXT  | NULL  | VARCHAR2(30) | Global reconciliation descriptive flexfield context column |
| PRESERVE_FLAG       | NULL  | VARCHAR2(1)  | Preserve segment value attributes flag                     |
| REFRESH_FLAG        | NULL  | VARCHAR2(1)  | Refresh segment value attributes flag                      |

## Indexes

| Index Name               | Index Type | Sequence | Column Name         |
|--------------------------|------------|----------|---------------------|
| GL_CODE_COMBINATIONS_N31 | NOT UNIQUE | 1        | TEMPLATE_ID         |
| GL_CODE_COMBINATIONS_U1  | UNIQUE     | 1        | CODE_COMBINATION_ID |

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Sequences

| Sequence               | Derived Column      |
|------------------------|---------------------|
| GL_CODE_COMBINATIONS_S | CODE_COMBINATION_ID |

# GL\_DAILY\_CONVERSION\_TYPES

GL\_DAILY\_CONVERSION\_TYPES stores daily conversion rate types and their descriptions. This table corresponds to the Conversion Rate Types form. This table has no foreign keys other than the standard Who columns.

Column Descriptions

| Name                 | Null?    | Type          | Description                       |
|----------------------|----------|---------------|-----------------------------------|
| CONVERSION_TYPE (PK) | NOT NULL | VARCHAR2(30)  | Conversion type name              |
| USER_CONVERSION_TYPE | NOT NULL | VARCHAR2(30)  | Conversion type user defined name |
| LAST_UPDATE_DATE     | NOT NULL | DATE          | Standard Who column               |
| LAST_UPDATED_BY      | NOT NULL | NUMBER(15)    | Standard Who column               |
| CREATION_DATE        | NULL     | DATE          | Standard Who column               |
| CREATED_BY           | NULL     | NUMBER(15)    | Standard Who column               |
| LAST_UPDATE_LOGIN    | NULL     | NUMBER(15)    | Standard Who column               |
| DESCRIPTION          | NULL     | VARCHAR2(240) | Conversion type description       |
| ATTRIBUTE1           | NULL     | VARCHAR2(150) | Descriptive flexfield segment     |
| ATTRIBUTE2           | NULL     | VARCHAR2(150) | Descriptive flexfield segment     |
| ATTRIBUTE3           | NULL     | VARCHAR2(150) | Descriptive flexfield segment     |
| ATTRIBUTE4           | NULL     | VARCHAR2(150) | Descriptive flexfield segment     |
| ATTRIBUTE5           | NULL     | VARCHAR2(150) | Descriptive flexfield segment     |
| ATTRIBUTE6           | NULL     | VARCHAR2(150) | Descriptive flexfield segment     |
| ATTRIBUTE7           | NULL     | VARCHAR2(150) | Descriptive flexfield segment     |
| ATTRIBUTE8           | NULL     | VARCHAR2(150) | Descriptive flexfield segment     |
| ATTRIBUTE9           | NULL     | VARCHAR2(150) | Descriptive flexfield segment     |
| ATTRIBUTE10          | NULL     | VARCHAR2(150) | Descriptive flexfield segment     |
| ATTRIBUTE11          | NULL     | VARCHAR2(150) | Descriptive flexfield segment     |
| ATTRIBUTE12          | NULL     | VARCHAR2(150) | Descriptive flexfield segment     |
| ATTRIBUTE13          | NULL     | VARCHAR2(150) | Descriptive flexfield segment     |
| ATTRIBUTE14          | NULL     | VARCHAR2(150) | Descriptive flexfield segment     |
| ATTRIBUTE15          | NULL     | VARCHAR2(150) | Descriptive flexfield segment     |
| CONTEXT              | NULL     | VARCHAR2(150) | Descriptive flexfield context     |

Indexes

| Index Name                   | Index Type | Sequence | Column Name          |
|------------------------------|------------|----------|----------------------|
| GL_DAILY_CONVERSION_TYPES_U1 | UNIQUE     | 1        | CONVERSION_TYPE      |
| GL_DAILY_CONVERSION_TYPES_U2 | UNIQUE     | 1        | USER_CONVERSION_TYPE |

Sequences

| Sequence                    | Derived Column  |
|-----------------------------|-----------------|
| GL_DAILY_CONVERSION_TYPES_S | CONVERSION_TYPE |

## GL\_INTERFACE

GL\_INTERFACE is the table you use to import journal entry batches through Journal Import. You insert rows in this table and then use the Import Journals form to create journal batches. You must supply values for all NOT NULL columns. For a complete description of how to load this table, see the Oracle General Ledger User Guide.

### Foreign Keys

| Primary Key Table          | Primary Key Column     | Foreign Key Column            |
|----------------------------|------------------------|-------------------------------|
| FND_CONCURRENT_REQUESTS    | REQUEST_ID             | REQUEST_ID                    |
| FND_CURRENCIES             | CURRENCY_CODE          | CURRENCY_CODE                 |
| FND_CURRENCIES             | CURRENCY_CODE          | FUNCTIONAL_CURRENCY_CODE      |
| FND_FLEX_VALUES            | FLEX_VALUE             | ORIGINATING_BAL_SEG_VALUE     |
| GL_BUDGET_VERSIONS         | BUDGET_VERSION_ID      | BUDGET_VERSION_ID             |
| GL_CODE_COMBINATIONS       | CODE_COMBINATION_ID    | CODE_COMBINATION_ID           |
| GL_DAILY_CONVERSION_TYPES  | USER_CONVERSION_TYPE   | USER_CURRENCY_CONVERSION_TYPE |
| GL_ENCUMBRANCE_TYPES       | ENCUMBRANCE_TYPE_ID    | ENCUMBRANCE_TYPE_ID           |
| GL_JE_BATCHES              | JE_BATCH_ID            | JE_BATCH_ID                   |
| GL_JE_CATEGORIES_TL        | USER_JE_CATEGORY_NAME  | USER_JE_CATEGORY_NAME         |
| GL_JE_HEADERS              | JE_HEADER_ID           | JE_HEADER_ID                  |
| GL_JE_LINES                | JE_HEADER_ID           | JE_HEADER_ID                  |
|                            | JE_LINE_NUM            | JE_LINE_NUM                   |
| GL_JE_SOURCES_TL           | USER_JE_SOURCE_NAME    | USER_JE_SOURCE_NAME           |
| GL_PERIODS                 | PERIOD_NAME            | PERIOD_NAME                   |
| GL_SETS_OF_BOOKS           | SET_OF_BOOKS_ID        | SET_OF_BOOKS_ID               |
| GL_USSGL_TRANSACTION_CODES | USSGL_TRANSACTION_CODE | USSGL_TRANSACTION_CODE        |

### QuickCodes Columns

| Column               | QuickCodes Type | QuickCodes Table |
|----------------------|-----------------|------------------|
| ACTUAL_FLAG          | BATCH_TYPE      | GL_LOOKUPS       |
|                      | A               | A                |
|                      | B               | B                |
|                      | E               | E                |
| AVERAGE_JOURNAL_FLAG | YES/NO          | GL_LOOKUPS       |
|                      | N               | No               |
|                      | Y               | Yes              |

### Column Descriptions

| Name                  | Null?    | Type         | Description                                   |
|-----------------------|----------|--------------|---|
| STATUS                | NOT NULL | VARCHAR2(50) | Journal Import status                         |
| SET_OF_BOOKS_ID       | NOT NULL | NUMBER(15)   | Accounting books defining column              |
| ACCOUNTING_DATE       | NOT NULL | DATE         | Effective date of the transaction             |
| CURRENCY_CODE         | NOT NULL | VARCHAR2(15) | Currency                                      |
| DATE_CREATED          | NOT NULL | DATE         | Standard Who column                           |
| CREATED_BY            | NOT NULL | NUMBER(15)   | Standard Who column                           |
| ACTUAL_FLAG           | NOT NULL | VARCHAR2(1)  | Balance type (actual, budget, or encumbrance) |
| USER_JE_CATEGORY_NAME | NOT NULL | VARCHAR2(25) | Journal entry category user defined name      |

Column Descriptions (Continued)

| Name                          | Null?    | Type          | Description                                 |
|-------------------------------|----------|---------------|---|
| USER_JE_SOURCE_NAME           | NOT NULL | VARCHAR2(25)  | Journal entry source user defined name      |
| CURRENCY_CONVERSION_DATE      | NULL     | DATE          | Date of exchange rate                       |
| ENCUMBRANCE_TYPE_ID           | NULL     | NUMBER        | Encumbrance type defining column            |
| BUDGET_VERSION_ID             | NULL     | NUMBER        | Budget version defining column              |
| USER_CURRENCY_CONVERSION_TYPE | NULL     | VARCHAR2(30)  | Type of exchange rate                       |
| CURRENCY_CONVERSION_RATE      | NULL     | NUMBER        | Foreign currency exchange rate              |
| AVERAGE_JOURNAL_FLAG          | NULL     | VARCHAR2(1)   | Average journal flag                        |
| ORIGINATING_BAL_SEG_VALUE     | NULL     | VARCHAR2(25)  | Originating balancing segment value         |
| SEGMENT1                      | NULL     | VARCHAR2(25)  | Key flexfield segment                       |
| SEGMENT2                      | NULL     | VARCHAR2(25)  | Key flexfield segment                       |
| SEGMENT3                      | NULL     | VARCHAR2(25)  | Key flexfield segment                       |
| SEGMENT4                      | NULL     | VARCHAR2(25)  | Key flexfield segment                       |
| SEGMENT5                      | NULL     | VARCHAR2(25)  | Key flexfield segment                       |
| SEGMENT6                      | NULL     | VARCHAR2(25)  | Key flexfield segment                       |
| SEGMENT7                      | NULL     | VARCHAR2(25)  | Key flexfield segment                       |
| SEGMENT8                      | NULL     | VARCHAR2(25)  | Key flexfield segment                       |
| SEGMENT9                      | NULL     | VARCHAR2(25)  | Key flexfield segment                       |
| SEGMENT10                     | NULL     | VARCHAR2(25)  | Key flexfield segment                       |
| SEGMENT11                     | NULL     | VARCHAR2(25)  | Key flexfield segment                       |
| SEGMENT12                     | NULL     | VARCHAR2(25)  | Key flexfield segment                       |
| SEGMENT13                     | NULL     | VARCHAR2(25)  | Key flexfield segment                       |
| SEGMENT14                     | NULL     | VARCHAR2(25)  | Key flexfield segment                       |
| SEGMENT15                     | NULL     | VARCHAR2(25)  | Key flexfield segment                       |
| SEGMENT16                     | NULL     | VARCHAR2(25)  | Key flexfield segment                       |
| SEGMENT17                     | NULL     | VARCHAR2(25)  | Key flexfield segment                       |
| SEGMENT18                     | NULL     | VARCHAR2(25)  | Key flexfield segment                       |
| SEGMENT19                     | NULL     | VARCHAR2(25)  | Key flexfield segment                       |
| SEGMENT20                     | NULL     | VARCHAR2(25)  | Key flexfield segment                       |
| SEGMENT21                     | NULL     | VARCHAR2(25)  | Key flexfield segment                       |
| SEGMENT22                     | NULL     | VARCHAR2(25)  | Key flexfield segment                       |
| SEGMENT23                     | NULL     | VARCHAR2(25)  | Key flexfield segment                       |
| SEGMENT24                     | NULL     | VARCHAR2(25)  | Key flexfield segment                       |
| SEGMENT25                     | NULL     | VARCHAR2(25)  | Key flexfield segment                       |
| SEGMENT26                     | NULL     | VARCHAR2(25)  | Key flexfield segment                       |
| SEGMENT27                     | NULL     | VARCHAR2(25)  | Key flexfield segment                       |
| SEGMENT28                     | NULL     | VARCHAR2(25)  | Key flexfield segment                       |
| SEGMENT29                     | NULL     | VARCHAR2(25)  | Key flexfield segment                       |
| SEGMENT30                     | NULL     | VARCHAR2(25)  | Key flexfield segment                       |
| ENTERED_DR                    | NULL     | NUMBER        | Transaction debit amount, entered currency  |
| ENTERED_CR                    | NULL     | NUMBER        | Transaction credit amount, entered currency |
| ACCOUNTED_DR                  | NULL     | NUMBER        | Transaction debit amount, base currency     |
| ACCOUNTED_CR                  | NULL     | NUMBER        | Transaction credit amount, base currency    |
| TRANSACTION_DATE              | NULL     | DATE          | Date of transaction                         |
| REFERENCE1                    | NULL     | VARCHAR2(100) | Journal Import reference column             |
| REFERENCE2                    | NULL     | VARCHAR2(240) | Journal Import reference column             |
| REFERENCE3                    | NULL     | VARCHAR2(100) | Journal Import reference column             |
| REFERENCE4                    | NULL     | VARCHAR2(100) | Journal Import reference column             |
| REFERENCE5                    | NULL     | VARCHAR2(240) | Journal Import reference column             |
| REFERENCE6                    | NULL     | VARCHAR2(100) | Journal Import reference column             |

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Column Descriptions (Continued)

| Name                         | Null?    | Type          | Description                                   |
|------------------------------|----------|---------------|---|
| REFERENCE7                   | NULL     | VARCHAR2(100) | Journal Import reference column               |
| REFERENCE8                   | NULL     | VARCHAR2(100) | Journal Import reference column               |
| REFERENCE9                   | NULL     | VARCHAR2(100) | Journal Import reference column               |
| REFERENCE10                  | NULL     | VARCHAR2(240) | Journal Import reference column               |
| REFERENCE11                  | NULL     | VARCHAR2(100) | Journal Import reference column               |
| REFERENCE12                  | NULL     | VARCHAR2(100) | Journal Import reference column               |
| REFERENCE13                  | NULL     | VARCHAR2(100) | Journal Import reference column               |
| REFERENCE14                  | NULL     | VARCHAR2(100) | Journal Import reference column               |
| REFERENCE15                  | NULL     | VARCHAR2(100) | Journal Import reference column               |
| REFERENCE16                  | NULL     | VARCHAR2(100) | Journal Import reference column               |
| REFERENCE17                  | NULL     | VARCHAR2(100) | Journal Import reference column               |
| REFERENCE18                  | NULL     | VARCHAR2(100) | Journal Import reference column               |
| REFERENCE19                  | NULL     | VARCHAR2(100) | Journal Import reference column               |
| REFERENCE20                  | NULL     | VARCHAR2(100) | Journal Import reference column               |
| REFERENCE21                  | NULL     | VARCHAR2(240) | Journal Import reference column               |
| REFERENCE22                  | NULL     | VARCHAR2(240) | Journal Import reference column               |
| REFERENCE23                  | NULL     | VARCHAR2(240) | Journal Import reference column               |
| REFERENCE24                  | NULL     | VARCHAR2(240) | Journal Import reference column               |
| REFERENCE25                  | NULL     | VARCHAR2(240) | Journal Import reference column               |
| REFERENCE26                  | NULL     | VARCHAR2(240) | Journal Import reference column               |
| REFERENCE27                  | NULL     | VARCHAR2(240) | Journal Import reference column               |
| REFERENCE28                  | NULL     | VARCHAR2(240) | Journal Import reference column               |
| REFERENCE29                  | NULL     | VARCHAR2(240) | Journal Import reference column               |
| REFERENCE30                  | NULL     | VARCHAR2(240) | Journal Import reference column               |
| JE_BATCH_ID                  | NULL     | NUMBER(15)    | Journal entry batch defining column           |
| PERIOD_NAME                  | NOT NULL | VARCHAR2(15)  | Accounting period                             |
| JE_HEADER_ID                 | NULL     | NUMBER(15)    | Journal entry header defining column          |
| JE_LINE_NUM                  | NULL     | NUMBER(15)    | Journal entry line number                     |
| CHART_OF_ACCOUNTS_ID         | NULL     | NUMBER(15)    | Key flexfield structure defining column       |
| FUNCTIONAL_CURRENCY_CODE     | NOT NULL | VARCHAR2(15)  | Accounting books base currency                |
| CODE_COMBINATION_ID          | NULL     | NUMBER(15)    | Key flexfield combination defining column     |
| DATE_CREATED_IN_GL           | NULL     | DATE          | Date Journal Import created batch             |
| WARNING_CODE                 | NULL     | VARCHAR2(4)   | Not currently used                            |
| STATUS_DESCRIPTION           | NULL     | VARCHAR2(240) | Journal import status description             |
| STAT_AMOUNT                  | NULL     | NUMBER        | Statistical amount                            |
| GROUP_ID                     | NULL     | NUMBER(15)    | Interface group defining column               |
| REQUEST_ID                   | NULL     | NUMBER(15)    | Concurrent program request id                 |
| SUBLEDGER_DOC_SEQUENCE_ID    | NULL     | NUMBER        | Sequential numbering sequence defining column |
| SUBLEDGER_DOC_SEQUENCE_VALUE | NULL     | NUMBER        | Sequential numbering sequence value           |
| ATTRIBUTE1                   | NULL     | VARCHAR2(150) | Descriptive flexfield segment                 |
| ATTRIBUTE2                   | NULL     | VARCHAR2(150) | Descriptive flexfield segment                 |
| ATTRIBUTE3                   | NULL     | VARCHAR2(150) | Descriptive flexfield segment                 |
| ATTRIBUTE4                   | NULL     | VARCHAR2(150) | Descriptive flexfield segment                 |
| ATTRIBUTE5                   | NULL     | VARCHAR2(150) | Descriptive flexfield segment                 |
| ATTRIBUTE6                   | NULL     | VARCHAR2(150) | Descriptive flexfield segment                 |
| ATTRIBUTE7                   | NULL     | VARCHAR2(150) | Descriptive flexfield segment                 |
| ATTRIBUTE8                   | NULL     | VARCHAR2(150) | Descriptive flexfield segment                 |
| ATTRIBUTE9                   | NULL     | VARCHAR2(150) | Descriptive flexfield segment                 |

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Column Descriptions (Continued)

| Name                     | Null?    | Type          | Description                                  |
|--------------------------|----------|---------------|--|
| ATTRIBUTE10              | NULL     | VARCHAR2(150) | Descriptive flexfield segment                |
| ATTRIBUTE11              | NULL     | VARCHAR2(150) | Descriptive flexfield segment                |
| ATTRIBUTE12              | NULL     | VARCHAR2(150) | Descriptive flexfield segment                |
| ATTRIBUTE13              | NULL     | VARCHAR2(150) | Descriptive flexfield segment                |
| ATTRIBUTE14              | NULL     | VARCHAR2(150) | Descriptive flexfield segment                |
| ATTRIBUTE15              | NULL     | VARCHAR2(150) | Descriptive flexfield segment                |
| ATTRIBUTE16              | NULL     | VARCHAR2(150) | Descriptive flexfield segment                |
| ATTRIBUTE17              | NULL     | VARCHAR2(150) | Descriptive flexfield segment                |
| ATTRIBUTE18              | NULL     | VARCHAR2(150) | Descriptive flexfield segment                |
| ATTRIBUTE19              | NULL     | VARCHAR2(150) | Descriptive flexfield segment                |
| ATTRIBUTE20              | NULL     | VARCHAR2(150) | Descriptive flexfield segment                |
| CONTEXT                  | NULL     | VARCHAR2(150) | Descriptive flexfield context column         |
| CONTEXT2                 | NULL     | VARCHAR2(150) | Descriptive flexfield context column         |
| INVOICE_DATE             | NULL     | DATE          | Value added tax descriptive flexfield column |
| TAX_CODE                 | NULL     | VARCHAR2(15)  | Value added tax descriptive flexfield column |
| INVOICE_IDENTIFIER       | NULL     | VARCHAR2(20)  | Value added tax descriptive flexfield column |
| INVOICE_AMOUNT           | NULL     | NUMBER        | Value added tax descriptive flexfield column |
| CONTEXT3                 | NULL     | VARCHAR2(150) | Descriptive flexfield context column         |
| USSGL_TRANSACTION_CODE   | NOT NULL | VARCHAR2(30)  | Government transaction code                  |
| DESCR_FLEX_ERROR_MESSAGE | NULL     | VARCHAR2(240) | Descriptive flexfield error message          |
| JGZZ_RECON_REF           | NULL     | VARCHAR2(240) | Global reconciliation reference              |
| GL_SL_LINK_ID            | NULL     | NUMBER        | Link to associated subledger data            |
| GL_SL_LINK_TABLE         | NULL     | VARCHAR2(30)  | Table containing associated subledger data   |

Indexes

| Index Name      | Index Type | Sequence | Column Name                  |
|-----------------|------------|----------|------------------------------|
| GL_INTERFACE_N1 | NOT UNIQUE | 1        | USER_JE_SOURCE_NAME          |
|                 |            | 2        | SET_OF_BOOKS_ID              |
|                 |            | 3        | GROUP_ID                     |
| GL_INTERFACE_N2 | NOT UNIQUE | 1        | REQUEST_ID                   |
|                 |            | 2        | JE_HEADER_ID                 |
|                 |            | 3        | STATUS                       |
|                 |            | 4        | CODE_COMBINATION_ID          |
| GL_INTERFACE_N3 | NOT UNIQUE | 1        | SUBLEDGER_DOC_SEQUENCE_VALUE |
|                 |            | 2        | SUBLEDGER_DOC_SEQUENCE_ID    |
| GL_INTERFACE_N4 | NOT UNIQUE | 1        | REFERENCE26                  |
|                 |            | 2        | REFERENCE22                  |
|                 |            | 3        | REFERENCE23                  |

## GL\_PERIODS

GL\_PERIODS stores information about the accounting periods you define using the Accounting Calendar form. Each row includes the start date and end date of the period, the period type, the fiscal year, the period number, and other information. There is a one-to-many relationship between a row in the GL\_PERIOD\_SETS table and rows in this table.

### Foreign Keys

| Primary Key Table | Primary Key Column | Foreign Key Column |
|-------------------|--------------------|--------------------|
| GL_PERIOD_SETS    | PERIOD_SET_NAME    | PERIOD_SET_NAME    |
| GL_PERIOD_TYPES   | PERIOD_TYPE        | PERIOD_TYPE        |

### QuickCodes Columns

| Column                 | QuickCodes Type  | QuickCodes Table        |
|------------------------|------------------|-------------------------|
| ADJUSTMENT_PERIOD_FLAG | YES/NO<br>N<br>Y | GL_LOOKUPS<br>No<br>Yes |

### Column Descriptions

| Name                   | Null?    | Type          | Description  |
|------------------------|----------|---------------|--|
| PERIOD_SET_NAME (PK)   | NOT NULL | VARCHAR2(15)  | Accounting calendar name   |
| PERIOD_NAME (PK)       | NOT NULL | VARCHAR2(15)  | System generated accounting period name                            |
| LAST_UPDATE_DATE       | NOT NULL | DATE          | Standard Who column  |
| LAST_UPDATED_BY        | NOT NULL | NUMBER(15)    | Standard Who column  |
| START_DATE             | NOT NULL | DATE          | Date on which accounting period begins                             |
| END_DATE               | NOT NULL | DATE          | Date on which accounting period ends                               |
| YEAR_START_DATE        | NULL     | DATE          | Date on which the year containing this accounting period starts    |
| QUARTER_START_DATE     | NULL     | DATE          | Date on which the quarter containing this accounting period starts |
| PERIOD_TYPE            | NOT NULL | VARCHAR2(15)  | Accounting period type   |
| PERIOD_YEAR            | NOT NULL | NUMBER(15)    | Accounting period year   |
| PERIOD_NUM             | NOT NULL | NUMBER(15)    | Accounting period number   |
| QUARTER_NUM            | NOT NULL | NUMBER(15)    | Quarter number of accounting period                                |
| ENTERED_PERIOD_NAME    | NOT NULL | VARCHAR2(15)  | User entered accounting period name                                |
| ADJUSTMENT_PERIOD_FLAG | NOT NULL | VARCHAR2(1)   | Calendar period adjustment status                                  |
| CREATION_DATE          | NULL     | DATE          | Standard Who column  |
| CREATED_BY             | NULL     | NUMBER(15)    | Standard Who column  |
| LAST_UPDATE_LOGIN      | NULL     | NUMBER(15)    | Standard Who column  |
| DESCRIPTION            | NULL     | VARCHAR2(240) | Accounting period description                                      |
| ATTRIBUTE1             | NULL     | VARCHAR2(150) | Descriptive flexfield segment                                      |
| ATTRIBUTE2             | NULL     | VARCHAR2(150) | Descriptive flexfield segment                                      |
| ATTRIBUTE3             | NULL     | VARCHAR2(150) | Descriptive flexfield segment                                      |
| ATTRIBUTE4             | NULL     | VARCHAR2(150) | Descriptive flexfield segment                                      |

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# Column Descriptions (Continued)

| Name       | Null? | Type          | Description                          |
|------------|-------|---------------|--------------------------------------|
| ATTRIBUTE5 | NULL  | VARCHAR2(150) | Descriptive flexfield segment        |
| ATTRIBUTE6 | NULL  | VARCHAR2(150) | Descriptive flexfield segment        |
| ATTRIBUTE7 | NULL  | VARCHAR2(150) | Descriptive flexfield segment        |
| ATTRIBUTE8 | NULL  | VARCHAR2(150) | Descriptive flexfield segment        |
| CONTEXT    | NULL  | VARCHAR2(150) | Descriptive flexfield context column |

## Indexes

| Index Name    | Index Type | Sequence | Column Name     |
|---------------|------------|----------|-----------------|
| GL_PERIODS_N1 | NOT UNIQUE | 1        | START_DATE      |
| GL_PERIODS_N2 | NOT UNIQUE | 1        | END_DATE        |
| GL_PERIODS_U1 | UNIQUE     | 1        | PERIOD_NAME     |
|               |            | 2        | PERIOD_SET_NAME |
| GL_PERIODS_U2 | UNIQUE     | 1        | PERIOD_SET_NAME |
|               |            | 2        | PERIOD_TYPE     |
|               |            | 3        | PERIOD_YEAR     |
|               |            | 4        | PERIOD_NUM      |



## GL\_SETS\_OF\_BOOKS

GL\_SETS\_OF\_BOOKS stores information about the sets of books you define in your Oracle General Ledger application. Each row includes the set of books name, description, functional currency, and other information. This table corresponds to the Set of Books form.

### Foreign Keys

| Primary Key Table         | Primary Key Column      | Foreign Key Column             |
|---------------------------|-------------------------|--------------------------------|
| FND_CURRENCIES            | CURRENCY_CODE           | CURRENCY_CODE                  |
| FND_ID_FLEX_STRUCTURES    | ID_FLEX_NUM             | CHART_OF_ACCOUNTS_ID           |
| GL_CODE_COMBINATIONS      | CODE_COMBINATION_ID     | CUM_TRANS_CODE_COMBINATION_ID  |
| GL_CODE_COMBINATIONS      | CODE_COMBINATION_ID     | RET_EARN_CODE_COMBINATION_ID   |
| GL_CODE_COMBINATIONS      | CODE_COMBINATION_ID     | RES_ENCUMB_CODE_COMBINATION_ID |
| GL_CODE_COMBINATIONS      | CODE_COMBINATION_ID     | NET_INCOME_CODE_COMBINATION_ID |
| GL_CODE_COMBINATIONS      | CODE_COMBINATION_ID     | ROUNDING_CODE_COMBINATION_ID   |
| GL_DAILY_CONVERSION_TYPES | CONVERSION_TYPE         | DAILY_TRANSLATION_RATE_TYPE    |
| GL_PERIOD_SETS            | PERIOD_SET_NAME         | PERIOD_SET_NAME                |
| GL_PERIOD_TYPES           | PERIOD_TYPE             | ACCOUNTED_PERIOD_TYPE          |
| GL_TRANSACTION_CALENDAR   | TRANSACTION_CALENDAR_ID | TRANSACTION_CALENDAR_ID        |

### QuickCodes Columns

| Column                        | QuickCodes Type  | QuickCodes Table        |
|-------------------------------|------------------|-------------------------|
| ALLOW_INTERCOMPANY_POST_FLAG  | YES/NO<br>N<br>Y | GL_LOOKUPS<br>No<br>Yes |
| CONSOLIDATION_SOB_FLAG        | YES/NO<br>N<br>Y | GL_LOOKUPS<br>No<br>Yes |
| ENABLE_AUTOMATIC_TAX_FLAG     | YES/NO<br>N<br>Y | GL_LOOKUPS<br>No<br>Yes |
| ENABLE_AVERAGE_BALANCES_FLAG  | YES/NO<br>N<br>Y | GL_LOOKUPS<br>No<br>Yes |
| ENABLE_BUDGETARY_CONTROL_FLAG | YES/NO<br>N<br>Y | GL_LOOKUPS<br>No<br>Yes |
| ENABLE_JE_APPROVAL_FLAG       | YES/NO<br>N<br>Y | GL_LOOKUPS<br>No<br>Yes |
| REQUIRE_BUDGET_JOURNALS_FLAG  | YES/NO<br>N<br>Y | GL_LOOKUPS<br>No<br>Yes |
| SUSPENSE_ALLOWED_FLAG         | YES/NO<br>N<br>Y | GL_LOOKUPS<br>No<br>Yes |
| TRACK_ROUNDING_IMBALANCE_FLAG | YES/NO<br>N<br>Y | GL_LOOKUPS<br>No<br>Yes |
| TRANSLATE_EOD_FLAG            | YES/NO           | GL_LOOKUPS              |

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QuickCodes Columns (Continued)

| Column              | QuickCodes Type | QuickCodes Table |
|---------------------|-----------------|------------------|
|                     | N               | No               |
|                     | Y               | Yes              |
| TRANSLATE_QATD_FLAG | YES/NO          | GL_LOOKUPS       |
|                     | N               | No               |
|                     | Y               | Yes              |
| TRANSLATE_YATD_FLAG | YES/NO          | GL_LOOKUPS       |
|                     | N               | No               |
|                     | Y               | Yes              |

Column Descriptions

| Name                           | Null?    | Type         | Description   |
|--------------------------------|----------|--------------|---|
| SET_OF_BOOKS_ID (PK)           | NOT NULL | NUMBER(15)   | Accounting books defining column                                |
| NAME                           | NOT NULL | VARCHAR2(30) | Accounting books name   |
| SHORT_NAME                     | NOT NULL | VARCHAR2(20) | Accounting books short name                                     |
| CHART_OF_ACCOUNTS_ID           | NOT NULL | NUMBER(15)   | Key flexfield structure defining column                         |
| CURRENCY_CODE                  | NOT NULL | VARCHAR2(15) | Currency  |
| PERIOD_SET_NAME                | NOT NULL | VARCHAR2(15) | Accounting calendar name  |
| ACCOUNTED_PERIOD_TYPE          | NOT NULL | VARCHAR2(15) | Accounting period type  |
| SUSPENSE_ALLOWED_FLAG          | NOT NULL | VARCHAR2(1)  | Suspense posting allowed flag                                   |
| ALLOW_INTERCOMPANY_POST_FLAG   | NOT NULL | VARCHAR2(1)  | Allow intercompany posting                                      |
| TRACK_ROUNDING_IMBALANCE_FLAG  | NOT NULL | VARCHAR2(1)  | Track rounding imbalances flag                                  |
| ENABLE_AVERAGE_BALANCES_FLAG   | NOT NULL | VARCHAR2(1)  | Enable average balances flag                                    |
| ENABLE_BUDGETARY_CONTROL_FLAG  | NOT NULL | VARCHAR2(1)  | Enable budgetary control flag                                   |
| REQUIRE_BUDGET_JOURNALS_FLAG   | NOT NULL | VARCHAR2(1)  | Journal required for budget flag                                |
| ENABLE_JE_APPROVAL_FLAG        | NOT NULL | VARCHAR2(1)  | Enable journal entry approval flag                              |
| ENABLE_AUTOMATIC_TAX_FLAG      | NOT NULL | VARCHAR2(1)  | Enable automatic tax flag                                       |
| CONSOLIDATION_SOB_FLAG         | NOT NULL | VARCHAR2(1)  | Consolidation set of books flag                                 |
| TRANSLATE_EOD_FLAG             | NOT NULL | VARCHAR2(1)  | Translate EOD balances flag                                     |
| TRANSLATE_QATD_FLAG            | NOT NULL | VARCHAR2(1)  | Translated QATD balances flag                                   |
| TRANSLATE_YATD_FLAG            | NOT NULL | VARCHAR2(1)  | Translate YATD balances flag                                    |
| MRC_SOB_TYPE_CODE              | NOT NULL | VARCHAR2(1)  | MRC set of books type (Parent, Reporting, None)                 |
| ALLOW_POSTING_WARNING_FLAG     | NOT NULL | VARCHAR2(1)  | No longer used - (defaults to 'N')                              |
| LAST_UPDATE_DATE               | NOT NULL | DATE         | Standard Who column   |
| LAST_UPDATED_BY                | NOT NULL | NUMBER(15)   | Standard Who column   |
| CREATION_DATE                  | NULL     | DATE         | Standard Who column   |
| CREATED_BY                     | NULL     | NUMBER(15)   | Standard Who column   |
| LAST_UPDATE_LOGIN              | NULL     | NUMBER(15)   | Standard Who column   |
| FUTURE_ENTERABLE_PERIODS_LIMIT | NULL     | NUMBER(15)   | Number of future enterable periods                              |
| LATEST_OPENED_PERIOD_NAME      | NULL     | VARCHAR2(15) | Latest opened accounting period                                 |
| LATEST_ENCUMBRANCE_YEAR        | NULL     | NUMBER(15)   | Latest open year for encumbrances                               |
| RET_EARN_CODE_COMBINATION_ID   | NULL     | NUMBER(15)   | Retained earnings key flexfield defining column                 |
| CUM_TRANS_CODE_COMBINATION_ID  | NULL     | NUMBER(15)   | Cumulative translation adjustment key flexfield defining column |
| RES_ENCUMB_CODE_COMBINATION_ID | NOT NULL | NUMBER(15)   | Reserve for encumbrance key flexfield defining column           |

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Column Descriptions (Continued)

| Name                           | Null? | Type          | Description  |
|--------------------------------|-------|---------------|--|
| NET_INCOME_CODE_COMBINATION_ID | NULL  | NUMBER(15)    | Net income key flexfield defining column                     |
| ROUNDING_CODE_COMBINATION_ID   | NULL  | NUMBER(15)    | Rounding imbalances key flexfield defining column            |
| TRANSACTION_CALENDAR_ID        | NULL  | NUMBER(15)    | Transaction Calendar defining column                         |
| DAILY_TRANSLATION_RATE_TYPE    | NULL  | VARCHAR2(30)  | The rate type to be used for translation of average balances |
| EARLIEST_UNTRANS_PERIOD_NAME   | NULL  | VARCHAR2(15)  | No longer used   |
| DESCRIPTION                    | NULL  | VARCHAR2(240) | Accounting books description                                 |
| ATTRIBUTE1                     | NULL  | VARCHAR2(150) | Descriptive flexfield segment                                |
| ATTRIBUTE2                     | NULL  | VARCHAR2(150) | Descriptive flexfield segment                                |
| ATTRIBUTE3                     | NULL  | VARCHAR2(150) | Descriptive flexfield segment                                |
| ATTRIBUTE4                     | NULL  | VARCHAR2(150) | Descriptive flexfield segment                                |
| ATTRIBUTE5                     | NULL  | VARCHAR2(150) | Descriptive flexfield segment                                |
| ATTRIBUTE6                     | NULL  | VARCHAR2(150) | Descriptive flexfield segment                                |
| ATTRIBUTE7                     | NULL  | VARCHAR2(150) | Descriptive flexfield segment                                |
| ATTRIBUTE8                     | NULL  | VARCHAR2(150) | Descriptive flexfield segment                                |
| ATTRIBUTE9                     | NULL  | VARCHAR2(150) | Descriptive flexfield segment                                |
| ATTRIBUTE10                    | NULL  | VARCHAR2(150) | Descriptive flexfield segment                                |
| ATTRIBUTE11                    | NULL  | VARCHAR2(150) | Descriptive flexfield segment                                |
| ATTRIBUTE12                    | NULL  | VARCHAR2(150) | Descriptive flexfield segment                                |
| ATTRIBUTE13                    | NULL  | VARCHAR2(150) | Descriptive flexfield segment                                |
| ATTRIBUTE14                    | NULL  | VARCHAR2(150) | Descriptive flexfield segment                                |
| ATTRIBUTE15                    | NULL  | VARCHAR2(150) | Descriptive flexfield segment                                |
| CONTEXT                        | NULL  | VARCHAR2(150) | Descriptive flexfield context                                |
| GLOBAL_ATTRIBUTE_CATEGORY      | NULL  | VARCHAR2(30)  | Reserved for country-specific functionality                  |
| GLOBAL_ATTRIBUTE1              | NULL  | VARCHAR2(150) | Reserved for country-specific functionality                  |
| GLOBAL_ATTRIBUTE2              | NULL  | VARCHAR2(150) | Reserved for country-specific functionality                  |
| GLOBAL_ATTRIBUTE3              | NULL  | VARCHAR2(150) | Reserved for country-specific functionality                  |
| GLOBAL_ATTRIBUTE4              | NULL  | VARCHAR2(150) | Reserved for country-specific functionality                  |
| GLOBAL_ATTRIBUTE5              | NULL  | VARCHAR2(150) | Reserved for country-specific functionality                  |
| GLOBAL_ATTRIBUTE6              | NULL  | VARCHAR2(150) | Reserved for country-specific functionality                  |
| GLOBAL_ATTRIBUTE7              | NULL  | VARCHAR2(150) | Reserved for country-specific functionality                  |
| GLOBAL_ATTRIBUTE8              | NULL  | VARCHAR2(150) | Reserved for country-specific functionality                  |
| GLOBAL_ATTRIBUTE9              | NULL  | VARCHAR2(150) | Reserved for country-specific functionality                  |
| GLOBAL_ATTRIBUTE10             | NULL  | VARCHAR2(150) | Reserved for country-specific functionality                  |

Indexes

| Index Name          | Index Type | Sequence | Column Name     |
|---------------------|------------|----------|-----------------|
| GL_SETS_OF_BOOKS_U1 | UNIQUE     | 1        | NAME            |
| GL_SETS_OF_BOOKS_U2 | UNIQUE     | 1        | SET_OF_BOOKS_ID |

Sequences

| Sequence           | Derived Column  |
|--------------------|-----------------|
| GL_SETS_OF_BOOKS_S | SET_OF_BOOKS_ID |

## XTR\_ACCRLS\_AMORT

XTR\_ACCRLS\_AMORT contains the accrual amounts for deal transactions. Each row contains the calculated accrual amount of a deal transaction for a specific accrual period and amount type. Only those accruals that match the deal type, amount type combination set up in the journals structure are transferred to journals.

### Foreign Keys

| Primary Key Table         | Primary Key Column | Foreign Key Column |
|---------------------------|--------------------|--------------------|
| XTR_DEALS                 | DEAL_NO            | DEAL_NO            |
| XTR_ROLLOVER_TRANSACTIONS | DEAL_NUMBER        | DEAL_NO            |
|                           | TRANSACTION_NUMBER | TRANS_NO           |

### Column Descriptions

| Name                 | Null?    | Type         | Description   |
|----------------------|----------|--------------|---|
| DEAL_NO (PK)         | NOT NULL | NUMBER       | Unique number assigned to each deal   |
| TRANS_NO (PK)        | NOT NULL | NUMBER       | Unique reference number assigned to a transaction   |
| PERIOD_FROM          | NOT NULL | DATE         | Start date of accrual period  |
| PERIOD_TO (PK)       | NOT NULL | DATE         | End date of accrual period  |
| COMPANY_CODE         | NOT NULL | VARCHAR2(7)  | Company code  |
| DEAL_TYPE            | NOT NULL | VARCHAR2(7)  | Code for high level deals   |
| DEAL_SUBTYPE         | NULL     | VARCHAR2(7)  | Code for deal executions permissible within a deal type                                     |
| CPARTY_CODE          | NULL     | VARCHAR2(7)  | Counterparty code   |
| CURRENCY             | NULL     | VARCHAR2(15) | Currency code   |
| PRODUCT_TYPE         | NULL     | VARCHAR2(10) | Code for products used in a deal type   |
| PORTFOLIO_CODE       | NULL     | VARCHAR2(7)  | Code for grouping deals under a single portfolio  |
| AMOUNT_TYPE (PK)     | NOT NULL | VARCHAR2(7)  | Amount type used in accruals  |
| ACTION_CODE (PK)     | NOT NULL | VARCHAR2(7)  | Code for actions involved in executing deals  |
| TRANSACTION_AMOUNT   | NULL     | NUMBER       | Transaction amount used to calculate the accrual amount                                     |
| ACTUAL_START_DATE    | NULL     | DATE         | Start date used in accrual calculations   |
| ACTUAL_MATURITY_DATE | NULL     | DATE         | Maturity date used in accrual calculations  |
| INTEREST_RATE        | NULL     | NUMBER       | Interest rate at which a deal or transaction is executed                                    |
| NO_OF_DAYS           | NULL     | NUMBER       | Number of days used to calculate interest   |
| YEAR_BASIS           | NULL     | NUMBER       | Number of days in a year used in calculations   |
| ACCRLS_AMOUNT        | NULL     | NUMBER       | Accrual amount  |
| FIRST_ACCRUAL_INDIC  | NULL     | VARCHAR2(1)  | Flag to indicate if this is the first accrual or amortization for this deal (Y), or not (N) |
| TRANSFERED_ON        | NULL     | DATE         | Not currently used  |
| REVERSAL_DATE        | NULL     | DATE         | Date accrual is reversed  |
| CREATED_ON           | NULL     | DATE         | Date this record was created  |
| CREATED_BY           | NULL     | VARCHAR2(20) | User who created this record  |

*Column Descriptions (Continued)*

| Name                       | Null? | Type        | Description  |
|----------------------------|-------|-------------|--|
| ACCRLS_AMOUNT_BAL          | NULL  | NUMBER      | Running balance of the accrual amount for the deal and transaction                           |
| EFFECTIVE_CALCULATED_VALUE | NULL  | NUMBER      | Running balance of the discounted amount for the accrual period for the deal and transaction |
| AUTHORIZE_JOURNAL_CREATION | NULL  | VARCHAR2(1) | Flag to indicate if the accrual is authorized for journal creation (Y), or not (null)        |
| JOURNAL_CREATED            | NULL  | DATE        | Date the journal was created for this transaction  |

*Indexes*

| Index Name          | Index Type | Sequence | Column Name  |
|---------------------|------------|----------|--------------|
| XTR_ACCRLS_AMORT_N1 | NOT UNIQUE | 1        | PERIOD_FROM  |
|                     |            | 2        | PERIOD_TO    |
|                     |            | 3        | COMPANY_CODE |
| XTR_ACCRLS_AMORT_N2 | NOT UNIQUE | 2        | CURRENCY     |
|                     |            | 4        | DEAL_TYPE    |

## XTR\_AMOUNT\_ACTIONS

XTR\_AMOUNT\_ACTIONS contains the predefined amount actions that are associated with deal type, amount type combinations. Each row corresponds to an amount action. Many amount actions can be defined for a given deal type and amount type. Along with date types and amount types, amount actions help define the journals structure. Oracle Treasury derives the amount actions in the XTR\_DEAL\_DATE\_AMOUNTS table from the XTR\_AMOUNT\_ACTIONS table. This table corresponds to the Actions region in the Amount Types tabbed region in the Deal Types/Product Types/Deal Subtypes window.

### Foreign Keys

| Primary Key Table | Primary Key Column       | Foreign Key Column       |
|-------------------|--------------------------|--------------------------|
| XTR_AMOUNT_TYPES  | DEAL_TYPE<br>AMOUNT_TYPE | DEAL_TYPE<br>AMOUNT_TYPE |

### Column Descriptions

| Name                | Null?    | Type         | Description   |
|---------------------|----------|--------------|---|
| ACTION_CODE (PK)    | NOT NULL | VARCHAR2(7)  | Code for actions involved in executing deals                    |
| USER_ACTION_CODE    | NOT NULL | VARCHAR2(7)  | User-defined action code  |
| AMOUNT_TYPE (PK)    | NOT NULL | VARCHAR2(7)  | Code that identifies the purpose of the amounts for a deal type |
| DEAL_TYPE (PK)      | NOT NULL | VARCHAR2(7)  | Code for high level deals                                       |
| DESCRIPTION         | NOT NULL | VARCHAR2(80) | User-defined amount action description                          |
| SEEDDED_DESCRIPTION | NOT NULL | VARCHAR2(80) | Pre-defined amount action description                           |
| UPDATED_BY          | NULL     | VARCHAR2(30) | User who last updated this record                               |

### Indexes

| Index Name            | Index Type | Sequence | Column Name      |
|-----------------------|------------|----------|------------------|
| XTR_AMOUNT_ACTIONS_N1 | NOT UNIQUE | 2        | AMOUNT_TYPE      |
|                       |            | 4        | DEAL_TYPE        |
| XTR_AMOUNT_ACTIONS_U1 | UNIQUE     | 1        | DEAL_TYPE        |
|                       |            | 4        | AMOUNT_TYPE      |
|                       |            | 6        | ACTION_CODE      |
| XTR_AMOUNT_ACTIONS_U2 | UNIQUE     | 1        | DEAL_TYPE        |
|                       |            | 3        | AMOUNT_TYPE      |
|                       |            | 5        | USER_ACTION_CODE |

## XTR\_AMOUNT\_TYPES

XTR\_AMOUNT\_TYPES contains the amount types for deal types. The amount types for retail term money deals are user-defined while the other deal types are predefined. Each row in this table corresponds to an amount type. Several amount types can be defined for a given deal type. Along with date types and amount actions, amount types help define the journals structure. Oracle Treasury derives the amount types in the XTR\_DEAL\_DATE\_AMOUNTS table from the XTR\_AMOUNT\_TYPES table. This table corresponds to the Amounts region in the Amount Types tab region in the Deal Types/Product Types/Deal Subtypes window.

### Foreign Keys

| Primary Key Table | Primary Key Column | Foreign Key Column |
|-------------------|--------------------|--------------------|
| XTR_DEAL_TYPES    | DEAL_TYPE          | DEAL_TYPE          |

### Column Descriptions

| Name              | Null?    | Type         | Description  |
|-------------------|----------|--------------|--|
| AMOUNT_NAME       | NOT NULL | VARCHAR2(80) | Amount type name   |
| AMOUNT_TYPE (PK)  | NOT NULL | VARCHAR2(7)  | Code that identifies the purpose of the amounts for a deal type                      |
| USER_AMOUNT_TYPE  | NOT NULL | VARCHAR2(7)  | User-defined amount type code  |
| DEAL_TYPE (PK)    | NOT NULL | VARCHAR2(7)  | Code for high level deals  |
| SEDED_DESCRIPTION | NOT NULL | VARCHAR2(80) | Pre-defined amount type description  |
| JOURNAL_USE       | NOT NULL | VARCHAR2(1)  | Flag to indicate whether you can create journal with the amount type (Y), or not (N) |
| UPDATED_BY        | NULL     | VARCHAR2(30) | User who last updated this record  |

### Indexes

| Index Name          | Index Type | Sequence | Column Name      |
|---------------------|------------|----------|------------------|
| XTR_AMOUNT_TYPES_N1 | NOT UNIQUE | 2        | DEAL_TYPE        |
| XTR_AMOUNT_TYPES_U1 | UNIQUE     | 2        | AMOUNT_TYPE      |
|                     |            | 4        | DEAL_TYPE        |
| XTR_AMOUNT_TYPES_U2 | UNIQUE     | 1        | DEAL_TYPE        |
|                     |            | 5        | USER_AMOUNT_TYPE |



## XTR\_AUTH\_CCY\_COMBINATIONS

XTR\_AUTH\_CCY\_COMBINATIONS contains information on currency combinations. Each row in this table contains the base and the contra currency for the currency combination. It also contains a flag that indicates whether or not the currency combination is authorized for use in deal transactions. You can only create a foreign exchange deal using an authorized currency combination. Each time a currency combination is authorized a database trigger fires to insert two rows into XTR\_BUY\_SELL\_COMBINATIONS, one where the buy currency is the base currency and the other where buy currency is the contra currency, assuming those combinations do not already exist. This table corresponds to the Combination Details region in the Currency Details window.

### Foreign Keys

| Primary Key Table     | Primary Key Column | Foreign Key Column    |
|-----------------------|--------------------|-----------------------|
| XTR_MASTER_CURRENCIES | CURRENCY           | CURRENCY_QUOTE_FIRST  |
| XTR_MASTER_CURRENCIES | CURRENCY           | CURRENCY_QUOTE_SECOND |

### Column Descriptions

| Name                       | Null?    | Type         | Description  |
|----------------------------|----------|--------------|--|
| AUDIT_INDICATOR            | NULL     | VARCHAR2(1)  | Not currently used   |
| AUTHORISED                 | NOT NULL | VARCHAR2(1)  | Flag to indicate if the currency combination is authorized for use (Y), or not (N) |
| CREATED_BY                 | NOT NULL | VARCHAR2(30) | User who created this record   |
| CREATED_ON                 | NOT NULL | DATE         | Date this record was created   |
| CURRENCY_QUOTE_FIRST (PK)  | NOT NULL | VARCHAR2(15) | Base currency  |
| CURRENCY_QUOTE_SECOND (PK) | NOT NULL | VARCHAR2(15) | Contra currency in a foreign exchange currency quote                               |
| FX_SEQ_NO                  | NULL     | NUMBER       | No longer used   |
| LAST_TRANSACTION_CHANGED   | NULL     | DATE         | Date the transaction was last changed  |
| UPDATED_BY                 | NULL     | VARCHAR2(30) | User who last updated this record  |
| UPDATED_ON                 | NULL     | DATE         | Date this record was last updated  |

### Indexes

| Index Name                   | Index Type | Sequence | Column Name           |
|------------------------------|------------|----------|-----------------------|
| XTR_AUTH_CCY_COMBINATIONS_N1 | NOT UNIQUE | 2        | CURRENCY_QUOTE_SECOND |
| XTR_AUTH_CCY_COMBINATIONS_U1 | UNIQUE     | 2        | CURRENCY_QUOTE_FIRST  |
|                              |            | 4        | CURRENCY_QUOTE_SECOND |

### *Database Triggers*

Trigger Name : XTR\_BIUD\_BUY\_SELL\_COMBIN\_T  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT, UPDATE, DELETE

This before insert, update, or delete trigger maintains the buy/sell combinations table.

## XTR\_BANK\_ACCOUNTS

XTR\_BANK\_ACCOUNTS contains bank account information. Each row corresponds to one bank account. Whenever you create or settle a deal transaction cashflow, you can use this table to select the bank accounts that serve as either the source or the receiver for that cashflow. Treasury limits your choice of bank accounts to only physical accounts that belong to the parties involved with the deal transaction (either the company, counterparty, or client), and that you are authorized to use.

### Foreign Keys

| Primary Key Table     | Primary Key Column  | Foreign Key Column  |
|-----------------------|---------------------|---------------------|
| GL_CODE_COMBINATIONS  | CODE_COMBINATION_ID | CODE_COMBINATION_ID |
| GL_CODE_COMBINATIONS  | CODE_COMBINATION_ID | PARTY_INT_CCID      |
| GL_CODE_COMBINATIONS  | CODE_COMBINATION_ID | PARTY_PRIN_CCID     |
| XTR_GL_REFERENCES     | CODE_COMBINATION_ID | CODE_COMBINATION_ID |
| XTR_GL_REFERENCES     | CODE_COMBINATION_ID | PARTY_PRIN_CCID     |
| XTR_GL_REFERENCES     | CODE_COMBINATION_ID | PARTY_INT_CCID      |
| XTR_MASTER_CURRENCIES | CURRENCY            | CURRENCY            |
| XTR_PARTY_INFO        | PARTY_CODE          | PARTY_CODE          |

### Column Descriptions

| Name                       | Null?    | Type         | Description   |
|----------------------------|----------|--------------|---|
| ACCOUNT_NUMBER (PK)        | NOT NULL | VARCHAR2(20) | Alpha-numeric reference to financial accounts of Treasury parties                               |
| AUDIT_INDICATOR            | NULL     | VARCHAR2(1)  | Not currently used  |
| AUTHORISED                 | NULL     | VARCHAR2(1)  | Flag to indicate if the bank account is authorized for use (Y), or not (N)                      |
| BANK_CODE                  | NULL     | VARCHAR2(7)  | Bank code   |
| BANK_NAME                  | NULL     | VARCHAR2(50) | Bank name   |
| BANK_SHORT_CODE            | NOT NULL | VARCHAR2(7)  | Bank short code   |
| CASHFLOWS_TO_CURRENT_DATE  | NULL     | NUMBER       | Not currently used  |
| CREATED_BY                 | NOT NULL | VARCHAR2(30) | User who created this record  |
| CREATED_ON                 | NOT NULL | DATE         | Date this record was created  |
| CURRENCY                   | NOT NULL | VARCHAR2(15) | Currency code   |
| CURRENT_CASHFLOW_DATE      | NULL     | DATE         | Not currently used  |
| DEFAULT_ACCT               | NULL     | VARCHAR2(1)  | Flag to indicate if the account is the default account (Y), or not (N)                          |
| DIRECT_DEBIT_AUTHORITY     | NULL     | VARCHAR2(1)  | Flag to indicate whether the company has direct debit authority to this account (Y), or not (N) |
| EFT_SCRIPT_NAME            | NULL     | VARCHAR2(50) | Settlement script   |
| EFT_SCRIPT_OUTPUT_PATH     | NULL     | VARCHAR2(50) | EFT script output path  |
| CODE_COMBINATION_ID        | NULL     | NUMBER(15)   | Unique key for identifying GL account references  |
| GL_COMPANY_CODE            | NULL     | VARCHAR2(7)  | General Ledger company code   |
| INTEREST_CALCULATION_BASIS | NULL     | VARCHAR2(4)  | Interest calculation basis (STEP or FLAT)   |
| INTEREST_RATE              | NULL     | NUMBER       | Interest rate   |
| INTERNAL_PTY               | NULL     | VARCHAR2(1)  | Flag to indicate if the party is an internal party (Y), or not (N)                              |

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Column Descriptions (Continued)

| Name                         | Null?    | Type          | Description   |
|------------------------------|----------|---------------|---|
| LOCATION                     | NOT NULL | VARCHAR2(35)  | Bank location   |
| LIMIT_CODE                   | NULL     | VARCHAR2(7)   | Code for user-defined limits imposed on deals and transactions  |
| OPENING_BALANCE              | NULL     | NUMBER        | Opening balance   |
| OPENING_BAL_HCE              | NULL     | NUMBER        | Opening balance in reporting currency equivalent  |
| PARTY_CODE (PK)              | NOT NULL | VARCHAR2(7)   | Party code  |
| PARTY_PRIN_CCID              | NULL     | NUMBER(15)    | Code combination identifier of the general ledger account used to account for the principal cash flows of an intercompany account |
| PARTY_INT_CCID               | NULL     | NUMBER(15)    | Code combination identifier of the general ledger account used to account for the interest cash flows of an intercompany account  |
| PARTY_TYPE                   | NULL     | VARCHAR2(2)   | Flag to indicate if the party is a company (C) or counterparty (CP)   |
| PORTFOLIO_CODE               | NULL     | VARCHAR2(7)   | Code for grouping deals under a single portfolio  |
| PRIMARY_SETTLEMENT_METHOD    | NULL     | VARCHAR2(15)  | Not currently used  |
| PROJECTED_BALANCE            | NULL     | NUMBER        | Projected balance of bank account based on future recorded cashflows  |
| PROJECTED_BALANCE_DATE       | NULL     | DATE          | Projected balance date  |
| PROJECTED_BALANCE_UPDATED_ON | NULL     | DATE          | Date the projected balance was last updated   |
| SETOFF                       | NULL     | VARCHAR2(5)   | Setoff code of the nominal account  |
| SETOFF_ACCOUNT_YN            | NULL     | VARCHAR2(1)   | Flag to indicate if the account is a nominal account (Y), or not (null)   |
| SETOFF_COMPANY               | NULL     | VARCHAR2(7)   | Party code of the nominal account associated with this setoff account   |
| STATEMENT_DATE               | NULL     | DATE          | Statement date  |
| STREET                       | NOT NULL | VARCHAR2(35)  | Street name   |
| SUB_ACCOUNT_AT               | NULL     | VARCHAR2(100) | Not currently used  |
| SUB_ACCOUNT_NUMBER           | NULL     | VARCHAR2(20)  | Not currently used  |
| UPDATED_BY                   | NULL     | VARCHAR2(30)  | User who last updated this record   |
| UPDATED_ON                   | NULL     | DATE          | Date this record was last updated   |
| DOMICILED_CURRENCY           | NULL     | VARCHAR2(15)  | National currency in which the bank can make settlements (only applies to euro currency accounts)                                 |
| YEAR_CALC_TYPE               | NULL     | VARCHAR2(15)  | Day count basis which defines the way in which interest accrues over time   |

Indexes

| Index Name           | Index Type | Sequence | Column Name         |
|----------------------|------------|----------|---------------------|
| XTR_BANK_ACCOUNTS_N1 | NOT UNIQUE | 2        | CODE_COMBINATION_ID |
|                      |            | 4        | GL_COMPANY_CODE     |
| XTR_BANK_ACCOUNTS_N2 | NOT UNIQUE | 2        | PARTY_CODE          |
| XTR_BANK_ACCOUNTS_N3 | NOT UNIQUE | 2        | CURRENCY            |

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*Indexes (Continued)*

| <u>Index Name</u>    | <u>Index Type</u> | <u>Sequence</u> | <u>Column Name</u> |
|----------------------|-------------------|-----------------|--------------------|
| XTR_BANK_ACCOUNTS_N4 | NOT UNIQUE        | 2               | ACCOUNT_NUMBER     |
|                      |                   | 4               | STATEMENT_DATE     |
| XTR_BANK_ACCOUNTS_U1 | UNIQUE            | 2               | ACCOUNT_NUMBER     |
|                      |                   | 4               | PARTY_CODE         |

## XTR\_BANK\_BALANCES

XTR\_BANK\_BALANCES contains the daily bank balances. Each row corresponds to one balance date and amount for a bank account. There can only be one bank balance row per day per bank account. Bank balances can be manually inputted using the Bank Balances window or imported via the XTR\_BANK\_BAL\_INTERFACE table. Treasury uses the daily bank balances to track actual and expected cash flows. This table corresponds to the Bank Balances window.

### Foreign Keys

| Primary Key Table | Primary Key Column           | Foreign Key Column             |
|-------------------|------------------------------|--------------------------------|
| XTR_BANK_ACCOUNTS | ACCOUNT_NUMBER<br>PARTY_CODE | ACCOUNT_NUMBER<br>COMPANY_CODE |

### Column Descriptions

| Name                 | Null?    | Type         | Description  |
|----------------------|----------|--------------|--|
| ACCOUNT_NUMBER (PK)  | NOT NULL | VARCHAR2(20) | Alpha-numeric reference to financial accounts of Treasury parties  |
| ACCUM_INT_BFWD       | NOT NULL | NUMBER       | Accumulated interest on previous balance date  |
| ACCUM_INT_CFWD       | NOT NULL | NUMBER       | Accumulated interest on current balance date   |
| AUDIT_INDICATOR      | NULL     | VARCHAR2(1)  | Not currently used   |
| BALANCE_ADJUSTMENT   | NOT NULL | NUMBER       | Amount required to adjust the bank statement balance for bank errors (the difference between the interest calculation balance and the statement balance) |
| BALANCE_CFLOW        | NOT NULL | NUMBER       | Cash flow balance which reflects counterparty errors and bank errors   |
| BALANCE_DATE (PK)    | NOT NULL | DATE         | Balance date   |
| COMPANY_CODE (PK)    | NOT NULL | VARCHAR2(7)  | Company code   |
| INTEREST             | NOT NULL | NUMBER       | Interest amount  |
| INTEREST_RATE        | NOT NULL | NUMBER       | Interest rate at which a deal or transaction is executed   |
| INTEREST_SETTLED     | NOT NULL | NUMBER       | Interest settlement  |
| INTEREST_SETTLED_HCE | NOT NULL | NUMBER       | Interest settlement in reporting currency equivalent   |
| NO_OF_DAYS           | NOT NULL | NUMBER       | Number of days since the last balance date   |
| SETOFF               | NULL     | VARCHAR2(5)  | Setoff code of the notional account to which the bank account balance belongs  |
| STATEMENT_BALANCE    | NOT NULL | NUMBER       | Statement balance  |
| UPDATED_BY           | NULL     | VARCHAR2(30) | User who last updated this record  |
| UPDATED_ON           | NULL     | DATE         | Date this record was last updated  |
| LIMIT_CODE           | NULL     | VARCHAR2(7)  | Code for user-defined limits imposed on deals and transactions   |
| CREATED_BY           | NOT NULL | VARCHAR2(30) | User who created this record   |
| CREATED_ON           | NOT NULL | DATE         | Date this record was created   |

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*Column Descriptions (Continued)*

| Name             | Null? | Type   | Description  |
|------------------|-------|--------|--|
| ACCRUAL_INTEREST | NULL  | NUMBER | Running accumulated interest on current balance date |

*Indexes*

| Index Name           | Index Type | Sequence | Column Name    |
|----------------------|------------|----------|----------------|
| XTR_BANK_BALANCES_U1 | UNIQUE     | 1        | COMPANY_CODE   |
|                      |            | 2        | ACCOUNT_NUMBER |
|                      |            | 4        | BALANCE_DATE   |

*Database Triggers*

Trigger Name : XTR\_AU\_BANK\_BALANCE\_T  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

This after update trigger maintains the position history table as well as the audit table for bank balances.

Trigger Name : XTR\_AID\_BANK\_BALANCE\_T  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : INSERT, DELETE

This after insert or delete trigger maintains the position history table.

# XTR\_BANK\_BAL\_INTERFACE

XTR\_BANK\_BAL\_INTERFACE contains bank balance information that is to be or has already been uploaded to Treasury. Each row reflects the balance of a specific bank account for a balance date. The "Upload Bank Account Balances" concurrent program transfers the balance data from this table to XTR\_BANK\_BALANCES.

Foreign Keys

| Primary Key Table | Primary Key Column           | Foreign Key Column         |
|-------------------|------------------------------|----------------------------|
| XTR_BANK_ACCOUNTS | ACCOUNT_NUMBER<br>PARTY_CODE | ACCOUNT_NO<br>COMPANY_CODE |

Column Descriptions

| Name               | Null?    | Type         | Description   |
|--------------------|----------|--------------|---|
| ACCOUNT_NO (PK)    | NOT NULL | VARCHAR2(20) | Alpha-numeric reference to financial accounts of Treasury parties for settlement purposes |
| AMOUNT             | NOT NULL | NUMBER       | Balance amount  |
| BALANCE_DATE (PK)  | NOT NULL | DATE         | Balance date  |
| COMPANY_CODE (PK)  | NOT NULL | VARCHAR2(7)  | Company code  |
| TRANSFER_SUCCEEDED | NULL     | VARCHAR2(1)  | Flag to indicate if a balance transfer is successful (Y), or not (N)                      |

Indexes

| Index Name                | Index Type | Sequence      | Column Name                                |
|---------------------------|------------|---------------|--|
| XTR_BANK_BAL_INTERFACE_U1 | UNIQUE     | 6<br>11<br>15 | COMPANY_CODE<br>ACCOUNT_NO<br>BALANCE_DATE |



## XTR\_BILL\_BOND\_ISSUES

XTR\_BILL\_BOND\_ISSUES contains bill and bond issue serial numbers and information about the deals those numbers are assigned to. Each row in this table corresponds to a bill or bond serial number. When you create a deal to issue a bill or bond, you assign the bill or bond an issue number from this table. Note you must create a separate deal for each bill or bond that you issue. You cannot create a single deal with multiple parcels as you can when you buy or sell bills or bonds. The deal information is automatically entered into the row that corresponds to the deal's assigned serial number.

This table corresponds to the Bill/Bond Issue Numbers window.

### Foreign Keys

| Primary Key Table | Primary Key Column | Foreign Key Column |
|-------------------|--------------------|--------------------|
| XTR_DEALS         | DEAL_NO            | DEAL_NUMBER        |

### Column Descriptions

| Name            | Null?    | Type         | Description  |
|-----------------|----------|--------------|--|
| AMOUNT          | NULL     | NUMBER       | Transaction amount   |
| BANK_CODE       | NULL     | VARCHAR2(7)  | Bank code for the issue number   |
| CURRENCY        | NULL     | VARCHAR2(15) | Currency code  |
| DEAL_NUMBER     | NULL     | NUMBER       | Unique number assigned to each deal                                    |
| DUE_DATE        | NULL     | DATE         | Not currently used   |
| ISSUE_DATE      | NULL     | DATE         | Not currently used   |
| NI_OR_BOND      | NOT NULL | VARCHAR2(4)  | Code to indicate if the issue number is for a bill (NI) or bond (BOND) |
| PARCEL_SPLIT_NO | NULL     | NUMBER       | Not currently used   |
| SERIAL_NUMBER   | NOT NULL | NUMBER       | Serial number used for bond or bill issues                             |
| STATUS          | NULL     | VARCHAR2(10) | Status of the deal   |

### Indexes

| Index Name              | Index Type | Sequence | Column Name   |
|-------------------------|------------|----------|---------------|
| XTR_BILL_BOND_ISSUES_U1 | UNIQUE     | 1        | SERIAL_NUMBER |
|                         |            | 2        | NI_OR_BOND    |
|                         |            | 3        | BANK_CODE     |

# XTR\_BOND\_COUPON\_DATES

XTR\_BOND\_COUPON\_DATES contains the coupon dates for bond issues. Each row contains a coupon date and the bond issue for which the date was generated. Oracle Treasury uses these dates to calculate bond prices or yields.

This table corresponds to the Coupon Dates tabbed region of the Bond Issues window.

Foreign Keys

| Primary Key Table | Primary Key Column | Foreign Key Column |
|-------------------|--------------------|--------------------|
| XTR_BOND_ISSUES   | BOND_ISSUE_CODE    | BOND_ISSUE_CODE    |

Column Descriptions

| Name            | Null?    | Type        | Description                            |
|-----------------|----------|-------------|--|
| BOND_ISSUE_CODE | NOT NULL | VARCHAR2(7) | Reference to a bond issue              |
| COUPON_DATE     | NOT NULL | DATE        | Date that a coupon is paid or received |

Indexes

| Index Name               | Index Type | Sequence | Column Name     |
|--------------------------|------------|----------|-----------------|
| XTR_BOND_COUPON_DATES_U1 | UNIQUE     | 2        | BOND_ISSUE_CODE |
|                          |            | 4        | COUPON_DATE     |

## XTR\_BOND\_ISSUES

XTR\_BOND\_ISSUES contains information about bond issues. Each row corresponds to a bond issue and contains all of the bond issue's coupon dates. Coupon dates are automatically calculated using the previous and last coupon date as well as the coupon frequency. Every fixed income security deal you create must be associated with a bond issue from this table.

This table corresponds to the Bond Issues window.

### Column Descriptions

| Name                        | Null?    | Type         | Description  |
|-----------------------------|----------|--------------|--|
| AUDIT_INDICATOR             | NULL     | VARCHAR2(1)  | Not currently used   |
| AUTHORISED                  | NOT NULL | VARCHAR2(1)  | Flag to indicate if the bond issue is authorized for use (Y), or not (N)                                     |
| BOND_ISSUE_CODE (PK)        | NOT NULL | VARCHAR2(7)  | User-defined identifier for the bond issue   |
| BOND_OR_DEBENTURE_ISSUE     | NULL     | VARCHAR2(1)  | Not currently used   |
| CALC_TYPE                   | NULL     | VARCHAR2(15) | Coupon interest calculation type   |
| COUPON_RATE                 | NOT NULL | NUMBER       | Coupon rate  |
| COUPON_TYPE                 | NULL     | VARCHAR2(15) | Not currently used   |
| CREATED_BY                  | NOT NULL | VARCHAR2(30) | User who created this record   |
| CREATED_ON                  | NOT NULL | DATE         | Date this record was created   |
| CURRENCY                    | NOT NULL | VARCHAR2(15) | Currency code  |
| DESCRIPTION                 | NULL     | VARCHAR2(35) | Bond issue description   |
| FIRST_COUPON_DATE           | NULL     | DATE         | First coupon date to calculate cashflows from  |
| ISSUER                      | NOT NULL | VARCHAR2(7)  | Bond issuer  |
| MATURITY_DATE               | NOT NULL | DATE         | Date when the deal matures or when an action is required   |
| NO_OF_COUPONS_PER_YEAR      | NOT NULL | NUMBER       | Number of coupons per year for the bond issue  |
| RIC_CODE                    | NULL     | VARCHAR2(20) | Reference rate from current rates  |
| RISK_GROUP                  | NULL     | VARCHAR2(10) | Product type   |
| UPDATED_BY                  | NULL     | VARCHAR2(30) | User who last updated this record  |
| UPDATED_ON                  | NULL     | DATE         | Date this record was last updated  |
| YEAR_BASIS                  | NOT NULL | NUMBER       | Not currently used   |
| YEAR_CALC_TYPE              | NULL     | VARCHAR2(15) | Day count basis which defines the way in which interest accrues  |
| ACCRUED_INT_YEAR_CALC_BASIS | NULL     | VARCHAR2(15) | Day count basis which defines the way in which interest accrues over time                                    |
| FORCE_MONTH_END_COUPONS     | NULL     | VARCHAR2(1)  | Flag to indicate if the coupon dates are to be forced to the last calendar date of the month (Y), or not (N) |
| COMMENCE_DATE               | NULL     | DATE         | Start date of the bond issue (dated date is the market term)   |
| LAST_COUPON_DATE            | NULL     | DATE         | Last coupon date of the bond issue   |

#### Column Descriptions (Continued)

| Name             | Null? | Type         | Description  |
|------------------|-------|--------------|--|
| SETTLEMENT_BASIS | NULL  | VARCHAR2(2)  | Method used to adjust coupon dates if they do not fall on a business day (valid values are Modified Following, Modified Previous (MP), Previous (P), and Null) |
| SECURITY_ID      | NULL  | VARCHAR2(10) | Bond issue unique identifier issued by the government (for example, CUSSIP)  |
| PRICE_ROUNDING   | NULL  | NUMBER       | Number of decimal places used for price calculation  |
| YIELD_ROUNDING   | NULL  | NUMBER       | Number of decimal places used for yield calculation  |

#### Indexes

| Index Name         | Index Type | Sequence | Column Name     |
|--------------------|------------|----------|-----------------|
| XTR_BOND_ISSUES_U1 | UNIQUE     | 2        | BOND_ISSUE_CODE |

#### Database Triggers

Trigger Name : XTR\_AU\_BOND\_ISSUES\_T  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

This after update trigger maintains the audit table for bond issues.

## XTR\_BROKERAGE\_CATEGORIES

XTR\_BROKERAGE\_CATEGORIES contains brokerage category information. Each row in this table corresponds to one brokerage category and contains a description of that category. Brokerage categories are used for grouping the calculation methods and rates. You can assign a brokerage category to one or more counterparties. When you assign a brokerage category to a counterparty, it becomes the default brokerage category for that counterparty during deal input.

This table corresponds to the Categories region of the Categories tabbed region of the Brokerage Schedule and Details window.

Column Descriptions

| Name                    | Null?    | Type         | Description                    |
|-------------------------|----------|--------------|--------------------------------|
| BROKERAGE_CATEGORY (PK) | NOT NULL | VARCHAR2(7)  | Brokerage category             |
| DESCRIPTION             | NOT NULL | VARCHAR2(25) | Brokerage category description |

## XTR\_BUY\_SELL\_COMBINATIONS

XTR\_BUY\_SELL\_COMBINATIONS contains information about currency combinations that are purchased and sold. Each currency combination consists of two currencies: one for purchase (buy currency) and one for sale (sell currency). For each currency combination, this table contains two rows: one for the buy/sell combination and the other for the sell/buy combination. This table is the source of the currency combinations list of values that you can select from when you create a foreign exchange deal.

### Foreign Keys

| Primary Key Table         | Primary Key Column                            | Foreign Key Column                |
|---------------------------|---|-----------------------------------|
| XTR_AUTH_CCY_COMBINATIONS | CURRENCY_QUOTE_FIRST<br>CURRENCY_QUOTE_SECOND | CURRENCY_FIRST<br>CURRENCY_SECOND |

### Column Descriptions

| Name               | Null?    | Type         | Description  |
|--------------------|----------|--------------|--|
| AUDIT_INDICATOR    | NULL     | VARCHAR2(1)  | Not currently used   |
| AUTHORISED         | NULL     | VARCHAR2(1)  | Flag to indicate if the buy, sell currency combination is authorized for use (Y), or not (N) |
| CURRENCY_BUY (PK)  | NOT NULL | VARCHAR2(15) | Currency code for buy amount   |
| CURRENCY_FIRST     | NOT NULL | VARCHAR2(15) | Base currency  |
| CURRENCY_SECOND    | NOT NULL | VARCHAR2(15) | Contra currency in a foreign exchange currency quote   |
| CURRENCY_SELL (PK) | NOT NULL | VARCHAR2(15) | Currency code for sell amount  |
| LATEST_CROSS_DATE  | NULL     | DATE         | Most recent currency combination cross date  |
| LATEST_CROSS_RATE  | NULL     | NUMBER       | Most recent currency combination cross rate  |
| UPDATED_BY         | NULL     | VARCHAR2(30) | User who last updated this record  |
| UPDATED_ON         | NULL     | DATE         | Date this record was last updated  |
| CREATED_BY         | NOT NULL | VARCHAR2(30) | User who created this record   |
| CREATED_ON         | NOT NULL | DATE         | Date this record was created   |

### Indexes

| Index Name                   | Index Type | Sequence | Column Name                       |
|------------------------------|------------|----------|-----------------------------------|
| XTR_BUY_SELL_COMBINATIONS_N1 | NOT UNIQUE | 2<br>4   | CURRENCY_FIRST<br>CURRENCY_SECOND |
| XTR_BUY_SELL_COMBINATIONS_N2 | NOT UNIQUE | 2        | CURRENCY_SECOND                   |
| XTR_BUY_SELL_COMBINATIONS_N3 | NOT UNIQUE | 2        | CURRENCY_SELL                     |
| XTR_BUY_SELL_COMBINATIONS_U1 | UNIQUE     | 2<br>4   | CURRENCY_BUY<br>CURRENCY_SELL     |

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#### *Database Triggers*

Trigger Name : XTR\_AU\_BUY\_SELL\_COMBINATIONS\_T  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

This after update trigger maintains the audit table for buy sell currency combinations.

## XTR\_CASHFLOWS\_V

XTR\_CASHFLOWS\_V shows the cashflows generated by deals with CURRENT status. Oracle Treasury uses this view to provide you with net cashflow and cash book summaries. You can choose to include cashflows from intergroup accounts and indicative exposures or filter your view by company, currency, and date range combinations.

### View Definition

```
CREATE VIEW XTR_CASHFLOWS_V
as SELECT
    dda.DEAL_NUMBER,
    dda.DEAL_TYPE,
    dda.DEAL_SUBTYPE,
    dda.TRANSACTION_RATE,
    dda.STATUS_CODE,
    dda.CURRENCY,
    dda.AMOUNT_DATE,
    dda.CASHFLOW_AMOUNT,
    dda.COMPANY_CODE,
    dda.ACCOUNT_NO,
    dda.PRODUCT_TYPE,
    dda.PORTFOLIO_CODE,
    dda.CPARTY_CODE,
    dda.CLIENT_CODE,
    dt.USER_DEAL_TYPE,
    dt.FX_MM_EXP_FLAG,
    st.USER_DEAL_SUBTYPE,
    dda.AMOUNT_TYPE,
    at.USER_AMOUNT_TYPE,
    dda.TRANSACTION_NUMBER,
    dda.DEALER_CODE,
    dda.SETTLE,
    dda.DEAL_TYPE,
    dda.MULTIPLE_SETTLEMENTS

    from XTR_DEAL_DATE_AMOUNTS      dda,
         XTR_DEAL_TYPES             dt,
         XTR_DEAL_SUBTYPES          st,
         XTR_AMOUNT_TYPES           at
where  dda.STATUS_CODE = 'CURRENT'
and    dda.CASHFLOW_AMOUNT <> 0
and    dda.DEAL_TYPE <> 'CA'
and    nvl(dda.MULTIPLE_SETTLEMENTS, 'N') = 'N'
and    dt.DEAL_TYPE = dda.DEAL_TYPE
and    (st.DEAL_TYPE = dda.DEAL_TYPE
and     st.DEAL_SUBTYPE = dda.DEAL_SUBTYPE)
and    (at.DEAL_TYPE = dda.DEAL_TYPE
and     at.AMOUNT_TYPE = dda.AMOUNT_TYPE)
union all
select
    0,
    'EXT',
    ex.TRX_TYPE,
```

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```

1,
'CURRENT',
ex.CURRENCY,
ex.AMOUNT_DATE,
ex.AMOUNT,
ex.COMPANY_CODE,
null,
null,
null,
null,
null,
dt.USER_DEAL_TYPE,
'XX',
ex.TRX_TYPE,
'INDIC',
'INDIC',
0,
null,
'N',
'EXT',
'N'
from XTR_EXTERNAL_CASHFLOWS ex,
      XTR_DEAL_TYPES dt
where dt.DEAL_TYPE = 'EXT'

```

#### Column Descriptions

| Name             | Null? | Type         | Description  |
|------------------|-------|--------------|--|
| DEAL_NUMBER      | NULL  | NUMBER       | Number of the deal responsible for the cash flow   |
| DDA_DEAL_TYPE    | NULL  | VARCHAR2(7)  | Code for high level deals  |
| DDA_DEAL_SUBTYPE | NULL  | VARCHAR2(7)  | Code for deal executions permissible within a deal type  |
| TRANSACTION_RATE | NULL  | NUMBER       | Transaction rate of the cash flow  |
| STATUS_CODE      | NULL  | VARCHAR2(10) | Code for the execution status of deals and transactions  |
| CURRENCY_CODE    | NULL  | VARCHAR2(15) | Currency code  |
| TRX_DATE         | NULL  | DATE         | Date of the cash flow  |
| AMOUNT           | NULL  | NUMBER       | Amount of cash flow  |
| COMPANY_CODE     | NULL  | VARCHAR2(7)  | Company code   |
| COMPANY_ACCOUNT  | NULL  | VARCHAR2(20) | Settlement account number  |
| PRODUCT_TYPE     | NULL  | VARCHAR2(10) | Code for products used in a deal type  |
| PORTFOLIO_CODE   | NULL  | VARCHAR2(7)  | Code for grouping deals under a single portfolio   |
| CPARTY_CODE      | NULL  | VARCHAR2(7)  | Counterparty code  |
| CLIENT_CODE      | NULL  | VARCHAR2(7)  | Client for which the deal is made  |
| DEAL_TYPE        | NULL  | VARCHAR2(7)  | User-defined deal type code  |
| CATEGORY         | NULL  | VARCHAR2(2)  | Flag indicates if the deal type is Foreign Exchange (FX), Money Market (MM) or Exposures (EXP) |

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*Column Descriptions (Continued)*

| Name                 | Null? | Type         | Description  |
|----------------------|-------|--------------|--|
| DEAL_SUBTYPE         | NULL  | VARCHAR2(7)  | User-defined deal subtype code   |
| TYPE_OF_AMOUNT       | NULL  | VARCHAR2(7)  | Code that identifies the purpose of the amounts for a deal type  |
| AMOUNT_TYPE          | NULL  | VARCHAR2(7)  | User-defined amount type code  |
| TRANSACTION_NUMBER   | NULL  | NUMBER       | Unique reference number assigned to a transaction  |
| DEALER               | NULL  | VARCHAR2(10) | Code for Treasury users  |
| SETTLE               | NULL  | VARCHAR2(1)  | Flag to indicate if the settlement has been authorized (Y), or not (N)                                     |
| CONTRACT_TYPE        | NULL  | VARCHAR2(7)  | Code for high level deals  |
| MULTIPLE_SETTLEMENTS | NULL  | VARCHAR2(1)  | Flag to indicate if the settlement is split into more than one company or one bank account (Y), or not (N) |

## XTR\_COMPANY\_AUTHORITIES

XTR\_COMPANY\_AUTHORITIES contains user access authorities defined by company. Each row contains a company name, dealer code, and a flag that indicates whether or not this dealer has the authority to access the company. This table is used throughout the application to enforce user security and ensure that users only create deals or see cashflows for the companies for which they have authorization.

This table corresponds to the Company Accesses tabbed region in the User Access Levels window.

Foreign Keys

| Primary Key Table | Primary Key Column | Foreign Key Column |
|-------------------|--------------------|--------------------|
| XTR_DEALER_CODES  | DEALER_CODE        | DEALER_CODE        |
| XTR_PARTY_INFO    | PARTY_CODE         | PARTY_CODE         |

Column Descriptions

| Name                         | Null?    | Type         | Description  |
|------------------------------|----------|--------------|--|
| COMPANY_AUTHORISED_FOR_INPUT | NOT NULL | VARCHAR2(2)  | Flag to indicate if the dealer has access to the company (Y), or not (N) |
| DEALER_CODE (PK)             | NOT NULL | VARCHAR2(10) | Code for Treasury users  |
| PARTY_CODE (PK)              | NOT NULL | VARCHAR2(7)  | Company code   |

## XTR\_COMPANY\_LIMITS

XTR\_COMPANY\_LIMITS contains company limits information. Each limit corresponds to a limit type defined in XTR\_LIMIT\_TYPES. A company can have multiple limits placed on it as long as the limit code is unique for each company.

This table corresponds to the Global Limits tabbed region in the Limits window.

### Foreign Keys

| Primary Key Table | Primary Key Column | Foreign Key Column |
|-------------------|--------------------|--------------------|
| XTR_LIMIT_TYPES   | LIMIT_TYPE         | LIMIT_TYPE         |

### Column Descriptions

| Name              | Null?    | Type         | Description  |
|-------------------|----------|--------------|--|
| AUDIT_INDICATOR   | NULL     | VARCHAR2(1)  | Not currently used   |
| AUTHORISED        | NULL     | VARCHAR2(1)  | Flag to indicate if the limit is authorized (Y), or not (N)    |
| COMPANY_CODE (PK) | NOT NULL | VARCHAR2(7)  | Company code   |
| CREATED_BY        | NOT NULL | VARCHAR2(30) | User who created this record                                   |
| CREATED_ON        | NOT NULL | DATE         | Date this record was created                                   |
| LIMIT_AMOUNT      | NULL     | NUMBER       | Maximum amount allowed by the limit                            |
| LIMIT_CODE (PK)   | NOT NULL | VARCHAR2(7)  | Code for user-defined limits imposed on deals and transactions |
| LIMIT_TYPE        | NOT NULL | VARCHAR2(2)  | Limit type code (tied to one of four limit categories)         |
| NAME              | NOT NULL | VARCHAR2(20) | Limit name   |
| UPDATED_BY        | NULL     | VARCHAR2(30) | User who last updated this record                              |
| UPDATED_ON        | NULL     | DATE         | Date this record was last updated                              |
| UTILISED_AMOUNT   | NULL     | NUMBER       | Total amount that deal transactions have applied to the limit  |

### Indexes

| Index Name            | Index Type | Sequence | Column Name  |
|-----------------------|------------|----------|--------------|
| XTR_COMPANY_LIMITS_N1 | NOT UNIQUE | 2        | LIMIT_TYPE   |
| XTR_COMPANY_LIMITS_N2 | NOT UNIQUE | 2        | COMPANY_CODE |
| XTR_COMPANY_LIMITS_U1 | UNIQUE     | 1        | LIMIT_CODE   |
|                       |            | 2        | COMPANY_CODE |

### Database Triggers

Trigger Name : XTR\_AU\_COMPANY\_LIMITS\_T  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

This after update trigger maintains the audit table for company limits.

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# XTR\_CONFIRMATION\_ACTIONS

XTR\_CONFIRMATION\_ACTIONS contains the deal confirmation actions required for a deal type. A deal type may have one or more actions associated with it, each of which may or may not require confirmation. Each confirmation action belongs to a confirmation group. That confirmation group contains multiple confirmation actions. You create confirmation groups using the list of confirmation actions in the XTR\_DEAL\_CONFO\_TYPES table, which is supplied by Oracle. Once you save a confirmation group, you can choose to exclude (or re-include) one or more confirmation actions from the confirmation group. All confirmation actions must be defined in the XTR\_DEAL\_CONFO\_TYPES table. A confirmation group can be assigned to a party in the Counterparties window.

This table corresponds to the Confirmation Actions region on the Deal Confirmation Groups window.

Foreign Keys

| Primary Key Table    | Primary Key Column | Foreign Key Column |
|----------------------|--------------------|--------------------|
| XTR_DEAL_CONFO_TYPES | CONFO_TYPE         | ACTION_TYPE        |

Column Descriptions

| Name                    | Null?    | Type         | Description  |
|-------------------------|----------|--------------|--|
| ACTION_TYPE (PK)        | NOT NULL | VARCHAR2(50) | Deal action type   |
| CONFO_ACTION_GROUP (PK) | NOT NULL | VARCHAR2(20) | Confirmation action group  |
| CONFO_REQD              | NULL     | VARCHAR2(1)  | Flag to indicate if confirmation is required for the deal action (Y), or not (N) |
| DEAL_TYPE               | NOT NULL | VARCHAR2(7)  | Code for deal type   |
| GROUP_DESC              | NOT NULL | VARCHAR2(50) | Confirmation action group description  |

## XTR\_CONFIRMATION\_DETAILS

XTR\_CONFIRMATION\_DETAILS contains details about your confirmation letters. Each row corresponds to one confirmation letter and includes the deal action, company, counterparty, deal type, deal subtype, deal and transaction numbers, and confirmation verification information for the confirmation letter.

### Foreign Keys

| Primary Key Table         | Primary Key Column | Foreign Key Column |
|---------------------------|--------------------|--------------------|
| XTR_DEALS                 | DEAL_NO            | DEAL_NO            |
| XTR_DEAL_CONFO_TYPES      | CONFO_TYPE         | ACTION_TYPE        |
| XTR_ROLLOVER_TRANSACTIONS | DEAL_NUMBER        | DEAL_NO            |
|                           | TRANSACTION_NUMBER | TRANSACTION_NO     |

### Column Descriptions

| Name                      | Null?    | Type          | Description  |
|---------------------------|----------|---------------|--|
| ACTION_TYPE               | NOT NULL | VARCHAR2(50)  | Deal confirmation action type  |
| AMOUNT                    | NULL     | NUMBER        | Transaction amount   |
| AMOUNT_TYPE               | NULL     | VARCHAR2(7)   | Code that identifies the purpose of the amounts for a deal type  |
| CLIENT_CODE               | NULL     | VARCHAR2(7)   | Client for which the deal is made  |
| COMPANY_CODE              | NOT NULL | VARCHAR2(7)   | Company code   |
| CONFIRMATION_VALIDATED_BY | NULL     | VARCHAR2(10)  | User who validated the confirmation  |
| CONFIRMATION_VALIDATED_ON | NULL     | DATE          | Date the confirmation is validated   |
| CONFO_PARTY_CODE          | NULL     | VARCHAR2(7)   | Confirmation party code  |
| CONFO_VALIDATION_BOTH     | NOT NULL | VARCHAR2(1)   | Flag to indicates if an action requires just validation (V) or both validation and a confirmation letter (B) |
| CPARTY_CODE               | NOT NULL | VARCHAR2(7)   | Counterparty code  |
| CURRENCY                  | NULL     | VARCHAR2(15)  | Currency code  |
| DATE_ACTION_INITIATED     | NOT NULL | DATE          | Date the action was initiated  |
| DEAL_NO                   | NOT NULL | NUMBER        | Unique number assigned to each deal  |
| DEAL_SUBTYPE              | NULL     | VARCHAR2(7)   | Code for deal executions permissible within a deal type  |
| DEAL_TYPE                 | NOT NULL | VARCHAR2(7)   | Code for high level deals  |
| DEAL_UPDATED_YN           | NULL     | VARCHAR2(1)   | Flag to indicate if deal is updated (Y), or not (N)  |
| FILE_NAME                 | NULL     | VARCHAR2(100) | Not currently used   |
| INITIALLY_PRINTED_ON      | NULL     | DATE          | Date the confirmation letter is first printed  |
| PARTY_CONFO_CHECKED       | NULL     | VARCHAR2(1)   | Flag to indicate if party confirmation is checked (Y) or not (N)   |
| PARTY_CONFO_CHECKED_BY    | NULL     | VARCHAR2(10)  | User who checked the party confirmation  |
| PARTY_CONFO_CHECKED_ON    | NULL     | DATE          | Date the party confirmation was checked  |
| PARTY_CONFO_FILE_NAME     | NULL     | VARCHAR2(50)  | Not currently used   |
| REPRINTED_ON              | NULL     | DATE          | Date the confirmation letter is reprinted  |

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Column Descriptions (Continued)

| Name                 | Null?    | Type         | Description   |
|----------------------|----------|--------------|---|
| REPRINT_REQUESTED_BY | NULL     | VARCHAR2(10) | User who requested the reprint of a confirmation letter |
| SETTLE_DATE          | NULL     | DATE         | Settle date   |
| STATUS_CODE          | NOT NULL | VARCHAR2(10) | Status code   |
| TRANSACTION_NO       | NULL     | NUMBER       | Unique reference number assigned to a transaction       |

## XTR\_COST\_OF\_FUNDS

XTR\_COST\_OF\_FUNDS contains the daily summarized amount and average rate information from the XTR\_POSITION\_HISTORY table. Each row corresponds to a cost of funds summary for a specific combination of the following factors: date, company, counterparty, deal type, deal subtype, product type, portfolio, currency, and currency combination. The XTR\_POSITION\_HISTORY table triggers an update of the XTR\_COST\_OF\_FUNDS table when a company's position history information changes.

### Column Descriptions

| Name                        | Null?    | Type         | Description   |
|-----------------------------|----------|--------------|---|
| ACCOUNT_NO                  | NULL     | VARCHAR2(20) | Alpha-numeric reference to financial accounts of Treasury parties |
| AS_AT_DATE                  | NOT NULL | DATE         | As of date  |
| AVG_INTEREST_RATE           | NULL     | NUMBER       | Average interest rate   |
| COMMENCE_DATE               | NULL     | DATE         | Not currently used  |
| COMPANY_CODE                | NOT NULL | VARCHAR2(7)  | Company code  |
| CONTRA_CCY                  | NULL     | VARCHAR2(15) | Contra currency in a foreign exchange currency quote              |
| CREATED_ON                  | NULL     | DATE         | Date this record was created                                      |
| CURRENCY                    | NOT NULL | VARCHAR2(15) | Currency code   |
| CURRENCY_COMBINATION        | NULL     | VARCHAR2(31) | Currency quotations which combine a base and a contra currency    |
| DEAL_SUBTYPE                | NULL     | VARCHAR2(7)  | Code for deal executions permissible within a deal type           |
| DEAL_TYPE                   | NOT NULL | VARCHAR2(7)  | Code for high level deals   |
| GROSS_PRINCIPAL             | NULL     | NUMBER       | Gross principal amount  |
| HCE_GROSS_PRINCIPAL         | NULL     | NUMBER       | Gross principal in reporting currency equivalent                  |
| HCE_INTEREST                | NULL     | NUMBER       | Interest amount in reporting currency equivalent                  |
| INTEREST                    | NULL     | NUMBER       | Interest amount   |
| NO_OF_DAYS                  | NULL     | NUMBER       | Not currently used  |
| NO_OF_DEALS                 | NULL     | NUMBER       | Number of deals   |
| PARTY_CODE                  | NULL     | VARCHAR2(7)  | Party code  |
| PORTFOLIO_CODE              | NULL     | VARCHAR2(7)  | Code for grouping deals under a single portfolio                  |
| PRODUCT_TYPE                | NULL     | VARCHAR2(10) | Code for products used in a deal type                             |
| WEIGHTED_AVG_PRINCIPAL      | NULL     | NUMBER       | Gross principal of face value amount times transaction rate       |
| AVG_BASE_RATE               | NULL     | NUMBER       | Average base currency exchange rate                               |
| BASE_WEIGHTED_AVG_PRINCIPAL | NULL     | NUMBER       | Gross principal of face value amount times base rate              |

### Indexes

| Index Name           | Index Type | Sequence | Column Name  |
|----------------------|------------|----------|--------------|
| XTR_COST_OF_FUNDS_N1 | NOT UNIQUE | 2        | AS_AT_DATE   |
|                      |            | 4        | COMPANY_CODE |
|                      |            | 6        | DEAL_TYPE    |
| XTR_COST_OF_FUNDS_N2 | NOT UNIQUE | 2        | DEAL_TYPE    |

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Indexes (Continued)

| Index Name           | Index Type | Sequence | Column Name  |
|----------------------|------------|----------|--------------|
| XTR_COST_OF_FUNDS_N3 | NOT UNIQUE | 2        | CURRENCY     |
| XTR_COST_OF_FUNDS_N4 | NOT UNIQUE | 2        | DEAL_SUBTYPE |

## XTR\_COUNTERPARTY\_LIMITS

XTR\_COUNTERPARTY\_LIMITS contains information regarding the limits a company has with its counterparties. Each row corresponds to a counterparty limit for a company. The company and limit code in each row are derived from the XTR\_COMPANY\_LIMITS table, with the exception of settlement limits. The limit code for settlement limits is always SETTLE.

This table corresponds to the Counterparty Limits and Settlement Limits tabbed regions in the Limits window.

### Column Descriptions

| Name                        | Null?    | Type         | Description  |
|-----------------------------|----------|--------------|--|
| AUDIT_INDICATOR             | NULL     | VARCHAR2(1)  | Not currently used   |
| AUTHORISED                  | NULL     | VARCHAR2(1)  | Flag to indicate if the limit is authorized (Y), or not (N)    |
| BENCHMARK_REF               | NULL     | VARCHAR2(20) | Not currently used   |
| COMMITMENT_FEE_PERCENT      | NULL     | NUMBER       | Not currently used   |
| COMPANY_CODE (PK)           | NOT NULL | VARCHAR2(7)  | Company code   |
| CPARTY_CODE (PK)            | NOT NULL | VARCHAR2(7)  | Counterparty code  |
| CREATED_BY                  | NOT NULL | VARCHAR2(30) | User who created this record                                   |
| CREATED_ON                  | NOT NULL | DATE         | Date this record was created                                   |
| CROSS_ALLOCATION_GROUP_CODE | NULL     | VARCHAR2(15) | Not currently used   |
| EXPIRY_DATE                 | NULL     | DATE         | Expiration date for the limit                                  |
| FREQUENCY                   | NULL     | NUMBER       | Not currently used   |
| INITIAL_FEE_DATE            | NULL     | DATE         | Not currently used   |
| LIMIT_AMOUNT                | NULL     | NUMBER       | Maximum amount allowed by the limit                            |
| LIMIT_CODE (PK)             | NOT NULL | VARCHAR2(7)  | Code for user-defined limits imposed on deals and transactions |
| LIMIT_TYPE                  | NULL     | VARCHAR2(2)  | Limit type code (tied to one of four limit categories)         |
| SEQUENCE_NUMBER             | NULL     | NUMBER       | Not currently used   |
| UPDATED_BY                  | NULL     | VARCHAR2(30) | User who last updated this record                              |
| UPDATED_ON                  | NULL     | DATE         | Date this record was last updated                              |
| UTILISATION_CALC_BASIS      | NULL     | VARCHAR2(1)  | Not currently used   |
| UTILISATION_FEE_PERCENT     | NULL     | NUMBER       | Not currently used   |
| UTILISED_AMOUNT             | NULL     | NUMBER       | Total amount that deal transactions have applied to the limit  |
| UTILIZATION_STRUCTURE_BASIS | NULL     | VARCHAR2(1)  | Not currently used   |

### Indexes

| Index Name                 | Index Type | Sequence | Column Name  |
|----------------------------|------------|----------|--------------|
| XTR_COUNTERPARTY_LIMITS_N1 | NOT UNIQUE | 1        | CPARTY_CODE  |
|                            |            | 2        | COMPANY_CODE |
|                            |            | 5        | LIMIT_CODE   |
|                            |            | 6        | LIMIT_AMOUNT |
| XTR_COUNTERPARTY_LIMITS_N2 | NOT UNIQUE | 2        | CPARTY_CODE  |
| XTR_COUNTERPARTY_LIMITS_U1 | UNIQUE     | 1        | LIMIT_CODE   |
|                            |            | 2        | CPARTY_CODE  |
|                            |            | 3        | COMPANY_CODE |

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### *Database Triggers*

Trigger Name : XTR\_AU\_COUNTERPARTY\_LIMITS\_T  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

This trigger maintains the audit table for counterparty limits.

## XTR\_COUNTRY\_COMPANY\_LIMITS

XTR\_COUNTRY\_COMPANY\_LIMITS contains the country limit information for a company. Each row corresponds to a limit placed on a country in which counterparties of the company reside.

This table corresponds to the Sovereign Limits tabbed region in the Limits window.

### Foreign Keys

| Primary Key Table | Primary Key Column | Foreign Key Column |
|-------------------|--------------------|--------------------|
| FND_TERRITORIES   | TERRITORY_CODE     | COUNTRY_CODE       |

### Column Descriptions

| Name              | Null?    | Type         | Description   |
|-------------------|----------|--------------|---|
| AUDIT_INDICATOR   | NULL     | VARCHAR2(1)  | Not currently used  |
| AUTHORISED        | NULL     | VARCHAR2(1)  | Flag to indicate if the limit is authorized (Y), or not (N)   |
| COMPANY_CODE (PK) | NOT NULL | VARCHAR2(7)  | Company code  |
| COUNTRY_CODE (PK) | NOT NULL | VARCHAR2(2)  | Country code  |
| CREATED_BY        | NULL     | VARCHAR2(30) | User who created this record                                  |
| CREATED_ON        | NULL     | DATE         | Date this record was created                                  |
| LIMIT_AMOUNT      | NULL     | NUMBER       | Maximum amount allowed by the limit                           |
| UPDATED_BY        | NULL     | VARCHAR2(30) | User who last updated this record                             |
| UPDATED_ON        | NULL     | DATE         | Date this record was last updated                             |
| UTILISED_AMOUNT   | NULL     | NUMBER       | Total amount that deal transactions have applied to the limit |

### Indexes

| Index Name                 | Index Type | Sequence | Column Name                  |
|----------------------------|------------|----------|------------------------------|
| XTR_COUNTRY_COMP_LIMITS_U1 | UNIQUE     | 5<br>10  | COMPANY_CODE<br>COUNTRY_CODE |

## XTR\_DATE\_AMOUNT\_TYPES

XTR\_DATE\_AMOUNT\_TYPES contains predefined date amount type combinations for deal types. Each row corresponds to a date amount type and indicates whether or not the date amount will appear on maturity reports.

### Foreign Keys

| Primary Key Table | Primary Key Column | Foreign Key Column |
|-------------------|--------------------|--------------------|
| XTR_AMOUNT_TYPES  | DEAL_TYPE          | DEAL_TYPE          |
|                   | AMOUNT_TYPE        | AMOUNT_TYPE        |
| XTR_DATE_TYPES    | DEAL_TYPE          | DEAL_TYPE          |
|                   | DATE_TYPE          | DATE_TYPE          |

### Column Descriptions

| Name               | Null?    | Type        | Description  |
|--------------------|----------|-------------|--|
| AMOUNT_TYPE (PK)   | NOT NULL | VARCHAR2(7) | Code that identifies the purpose of the amounts for a deal type                                |
| CASHFLOW_REPORT    | NULL     | VARCHAR2(1) | Not currently used   |
| DATE_TYPE (PK)     | NOT NULL | VARCHAR2(7) | Date type tied to specific deal types (for example, accrual, maturity, start, and dealt dates) |
| DEAL_TYPE (PK)     | NOT NULL | VARCHAR2(7) | Code for high level deals  |
| MATURITY_REPORT    | NULL     | VARCHAR2(1) | Flag to indicate if the date amount type will be included in maturity reports (Y), or not (N)  |
| PAY_RECEIVE_REPORT | NULL     | VARCHAR2(1) | Not currently used   |

### Indexes

| Index Name               | Index Type | Sequence | Column Name |
|--------------------------|------------|----------|-------------|
| XTR_DATE_AMOUNT_TYPES_N1 | NOT UNIQUE | 2        | AMOUNT_TYPE |
|                          |            | 4        | DEAL_TYPE   |
| XTR_DATE_AMOUNT_TYPES_N2 | NOT UNIQUE | 2        | DATE_TYPE   |
|                          |            | 4        | DEAL_TYPE   |
| XTR_DATE_AMOUNT_TYPES_U1 | UNIQUE     | 1        | DEAL_TYPE   |
|                          |            | 2        | DATE_TYPE   |
|                          |            | 3        | AMOUNT_TYPE |

## XTR\_DATE\_TYPES

XTR\_DATE\_TYPES contains the predefined date types for a deal type. Each row corresponds to a date type. Many date types can be defined for a deal type. Along with amount actions and amount types, date types help define the journals structure. The date types in the XTR\_DEAL\_DATE\_AMOUNTS table are derived from the XTR\_DATE\_TYPES table.

This table corresponds to the Date Types tabbed region in the Deal Types/Product Types/Deal Subtypes window.

### Foreign Keys

| Primary Key Table | Primary Key Column | Foreign Key Column |
|-------------------|--------------------|--------------------|
| XTR_DEAL_TYPES    | DEAL_TYPE          | DEAL_TYPE          |

### Column Descriptions

| Name                | Null?    | Type         | Description   |
|---------------------|----------|--------------|---|
| DATE_NAME           | NOT NULL | VARCHAR2(80) | User-defined date type description  |
| DATE_TYPE (PK)      | NOT NULL | VARCHAR2(7)  | Date type tied to specific deal types (for example, accrual, maturity, start, and dealt date)     |
| USER_DATE_TYPE      | NOT NULL | VARCHAR2(7)  | User-defined date type code   |
| DEAL_TYPE (PK)      | NOT NULL | VARCHAR2(7)  | Code for high level deals   |
| SEEDDED_DESCRIPTION | NOT NULL | VARCHAR2(80) | Pre-defined date type description   |
| JOURNAL_USE         | NOT NULL | VARCHAR2(1)  | Flag to indicate if the date type can be used to define journal structures (predefined as Y or N) |
| UPDATED_BY          | NULL     | VARCHAR2(30) | User who last updated this record   |

### Indexes

| Index Name        | Index Type | Sequence | Column Name    |
|-------------------|------------|----------|----------------|
| XTR_DATE_TYPES_N1 | NOT UNIQUE | 2        | DEAL_TYPE      |
| XTR_DATE_TYPES_U1 | UNIQUE     | 1        | DEAL_TYPE      |
|                   |            | 2        | DATE_TYPE      |
| XTR_DATE_TYPES_U2 | UNIQUE     | 2        | DEAL_TYPE      |
|                   |            | 5        | USER_DATE_TYPE |

## XTR\_DEALER\_CODES

XTR\_DEALER\_CODES contains dealer information such as the dealer code and name. Each dealer is associated with one unique Oracle user. Dealers are linked to authorities that indicate whether or not the dealers can create deals, access companies, and handle specific deal types, deal subtypes, or product types.

This table corresponds to the Treasury User Details region in the User Access Details window.

### Column Descriptions

| Name             | Null?    | Type          | Description                       |
|------------------|----------|---------------|-----------------------------------|
| DEALER_CODE      | NOT NULL | VARCHAR2(10)  | Code for Treasury users           |
| DEALER_USER_NAME | NULL     | VARCHAR2(240) | Name for Treasury users           |
| USER_ID          | NOT NULL | NUMBER        | Treasury user identifier          |
| UPDATED_BY       | NULL     | NUMBER        | User who last updated this record |
| UPDATED_ON       | NULL     | DATE          | Date this record was last updated |
| AUDIT_INDICATOR  | NULL     | VARCHAR2(1)   | Not currently used                |
| CREATED_BY       | NOT NULL | VARCHAR2(30)  | User who created this record      |
| CREATED_ON       | NOT NULL | DATE          | Date this record was created      |

### Indexes

| Index Name           | Index Type | Sequence | Column Name |
|----------------------|------------|----------|-------------|
| XTR_DEALDER_CODES_U1 | UNIQUE     | 5        | DEALER_CODE |

### Database Triggers

Trigger Name : XTR\_AU\_DEALER\_CODES\_T  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

This after update trigger maintains the audit table for dealer codes.

## XTR\_DEALER\_LIMITS

XTR\_DEALER\_LIMITS contains information about the limits a dealer has when making deals. Dealer limits can be applied to a deal type or to a product type. The unique key for this table consists of dealer, deal type, and product type. This table has no primary key because the product type can be null.

This table corresponds to the Dealer Limits tabbed region of the Limits window.

### Foreign Keys

| Primary Key Table | Primary Key Column | Foreign Key Column |
|-------------------|--------------------|--------------------|
| XTR_DEALER_CODES  | DEALER_CODE        | DEALER_CODE        |
| XTR_DEAL_TYPES    | DEAL_TYPE          | DEAL_TYPE          |
| XTR_PRODUCT_TYPES | PRODUCT_TYPE       | PRODUCT_TYPE       |
|                   | DEAL_TYPE          | DEAL_TYPE          |

### Column Descriptions

| Name                     | Null?    | Type         | Description  |
|--------------------------|----------|--------------|--|
| AUDIT_INDICATOR          | NULL     | VARCHAR2(1)  | Not currently used   |
| AUTHORISED               | NULL     | VARCHAR2(1)  | Flag to indicate that indicates if the limit is authorized (Y), or not (N)                 |
| CREATED_BY               | NULL     | VARCHAR2(30) | User who created this record   |
| CREATED_ON               | NULL     | DATE         | Date this record was created   |
| DEALER_CODE              | NOT NULL | VARCHAR2(10) | Code for Treasury users  |
| DEAL_TYPE                | NOT NULL | VARCHAR2(7)  | Code for high level deals  |
| LIMIT_AMOUNT             | NOT NULL | NUMBER       | Not currently used   |
| PRODUCT_TYPE             | NULL     | VARCHAR2(10) | Code for products used in a deal type  |
| SINGLE_DEAL_LIMIT_AMOUNT | NOT NULL | NUMBER       | Maximum amount a dealer is allowed for each deal for a deal type, product type combination |
| UPDATED_ON               | NULL     | DATE         | Date this record was last updated  |
| UTILISED_AMOUNT          | NULL     | NUMBER       | Total amount that deal transactions have applied to the limit                              |
| UPDATED_BY               | NULL     | VARCHAR2(30) | User who last updated this record  |

### Indexes

| Index Name           | Index Type | Sequence | Column Name  |
|----------------------|------------|----------|--------------|
| XTR_DEALER_LIMITS_U1 | UNIQUE     | 5        | DEALER_CODE  |
|                      |            | 10       | DEAL_TYPE    |
|                      |            | 15       | PRODUCT_TYPE |



### *Database Triggers*

Trigger Name : XTR\_AU\_DEALER\_LIMITS\_T  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

This after update trigger maintains the audit table for dealer limits.

## XTR\_DEALS

XTR\_DEALS contains information for all financial instrument deals except exposure transactions. Each row in this table corresponds to a deal. A deal consists of its deal type, deal subtype, company, counterparty, deal amounts, dates, dealer, and other financial instrument-specific information. Deals with one transaction per deal, such as bond options, FRAs, foreign exchange deals, foreign exchange options, interest rate options, and swaptions, are recorded only in this table. Deals with multiple transactions, such as bonds, interest rate swaps, discounted securities, short term money, retail term money, and wholesale term money deals, have their common header information stored in this table and their transaction details stored in the XTR\_ROLLOVER\_TRANSACTIONS table. When you create a deal, database triggers automatically insert multiple rows into the XTR\_DEAL\_DATE\_AMOUNTS table, each row with a different date type, amount type, and action code combination, depending on the type of deal you created. When you update the deal status, database triggers maintain the XTR\_DEAL\_DATE\_AMOUNTS table accordingly.

### Foreign Keys

| Primary Key Table         | Primary Key Column                        | Foreign Key Column                                     |
|---------------------------|---|--|
| XTR_BANK_ACCOUNTS         | ACCOUNT_NUMBER<br>PARTY_CODE              | BUY_ACCOUNT_NO<br>COMPANY_CODE                         |
| XTR_BANK_ACCOUNTS         | ACCOUNT_NUMBER<br>PARTY_CODE              | SELL_ACCOUNT_NO<br>COMPANY_CODE                        |
| XTR_BANK_ACCOUNTS         | ACCOUNT_NUMBER<br>PARTY_CODE              | MATURITY_ACCOUNT_NO<br>COMPANY_CODE                    |
| XTR_BANK_ACCOUNTS         | ACCOUNT_NUMBER<br>PARTY_CODE              | PREMIUM_ACCOUNT_NO<br>COMPANY_CODE                     |
| XTR_BANK_ACCOUNTS         | ACCOUNT_NUMBER<br>PARTY_CODE              | SETTLE_ACCOUNT_NO<br>COMPANY_CODE                      |
| XTR_BANK_ACCOUNTS         | ACCOUNT_NUMBER<br>PARTY_CODE              | START_ACCOUNT_NO<br>COMPANY_CODE                       |
| XTR_BANK_ACCOUNTS         | PARTY_CODE<br>BANK_SHORT_CODE             | CPARTY_CODE<br>CPARTY_REF                              |
| XTR_BOND_ISSUES           | BOND_ISSUE_CODE                           | BOND_ISSUE   |
| XTR_BUY_SELL_COMBINATIONS | CURRENCY_BUY<br>CURRENCY_SELL             | CURRENCY_BUY<br>CURRENCY_SELL                          |
| XTR_BUY_SELL_COMBINATIONS | CURRENCY_BUY<br>CURRENCY_SELL             | REF_CCY<br>CTY_CCY                                     |
| XTR_COUNTERPARTY_LIMITS   | COMPANY_CODE<br>CPARTY_CODE<br>LIMIT_CODE | COMPANY_CODE<br>CPARTY_CODE<br>LIMIT_CODE              |
| XTR_COUNTERPARTY_LIMITS   | COMPANY_CODE<br>CPARTY_CODE<br>LIMIT_CODE | COMPANY_CODE<br>RISKPARTY_CODE<br>RISKPARTY_LIMIT_CODE |
| XTR_DEALER_CODES          | DEALER_CODE                               | DEALER_CODE  |
| XTR_DEAL_STATUSES         | DEAL_TYPE<br>STATUS_CODE                  | DEAL_TYPE<br>STATUS_CODE                               |
| XTR_DEAL_SUBTYPES         | DEAL_TYPE<br>DEAL_SUBTYPE                 | DEAL_TYPE<br>DEAL_SUBTYPE                              |
| XTR_DEAL_TYPES            | DEAL_TYPE                                 | DEAL_TYPE  |
| XTR_MASTER_CURRENCIES     | CURRENCY                                  | CURRENCY   |

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# Foreign Keys (Continued)

| Primary Key Table       | Primary Key Column                                    | Foreign Key Column                                    |
|-------------------------|---|---|
| XTR_PAYMENT_SCHEDULE    | PAYMENT_SCHEDULE_CODE<br>DEAL_SUBTYPE<br>PRODUCT_TYPE | PAYMENT_SCHEDULE_CODE<br>DEAL_SUBTYPE<br>PRODUCT_TYPE |
| XTR_PORTFOLIOS          | COMPANY_CODE<br>PORTFOLIO                             | COMPANY_CODE<br>PORTFOLIO_CODE                        |
| XTR_PRODUCT_TYPES       | PRODUCT_TYPE<br>DEAL_TYPE                             | PRODUCT_TYPE<br>DEAL_TYPE                             |
| XTR_TAX_BROKERAGE_SETUP | REFERENCE_CODE  | BROKERAGE_CODE  |
| XTR_TAX_BROKERAGE_SETUP | REFERENCE_CODE  | TAX_CODE  |

# Column Descriptions

| Name                   | Null? | Type         | Description  |
|------------------------|-------|--------------|--|
| ACCEPTOR_CODE          | NULL  | VARCHAR2(7)  | Acceptor code (party in a discounted securities deal who is responsible for the payment at maturity)                               |
| ACCEPTOR_NAME          | NULL  | VARCHAR2(20) | Acceptor name  |
| ACCRUAL_FROM           | NULL  | DATE         | Not currently used   |
| ACCRUAL_TO             | NULL  | DATE         | Not currently used   |
| ACCRUED_INTEREST_PRICE | NULL  | NUMBER       | Accrued interest of the bond   |
| ACTION_STATUS          | NULL  | VARCHAR2(20) | Not currently used   |
| ARCHIVE_BY             | NULL  | VARCHAR2(30) | Not currently used   |
| ARCHIVE_DATE           | NULL  | DATE         | Not currently used   |
| ATTACHMENT_EXISTS      | NULL  | VARCHAR2(1)  | Not currently used   |
| AUDIT_INDICATOR        | NULL  | VARCHAR2(1)  | Not currently used   |
| BASE_DATE              | NULL  | DATE         | Deal date  |
| BASE_RATE              | NULL  | NUMBER       | Spot rate from which points are added or subtracted to produce the forward rate  |
| BKGE_SETTLED_REFERENCE | NULL  | NUMBER       | Brokerage settlement reference number (all transactions with the same reference number were settled together in one settle action) |
| BOND_ISSUE             | NULL  | VARCHAR2(7)  | Code for a particular financial asset  |
| BOND_PROFIT_LOSS       | NULL  | NUMBER       | Profit or loss of a bond type deal   |
| BOND_RENEG_DATE        | NULL  | DATE         | Date the bond deal was resold  |
| BOND_RESALE_DATE       | NULL  | DATE         | Not currently used   |
| BROKER                 | NULL  | VARCHAR2(7)  | Code to identify the broker  |
| BROKERAGE_AMOUNT       | NULL  | NUMBER       | Fee paid to a broker to execute a trade  |
| BROKERAGE_AMOUNT_HCE   | NULL  | NUMBER       | Brokerage amount in reporting currency equivalent  |
| BROKERAGE_CODE         | NULL  | VARCHAR2(7)  | Brokerage code   |
| BOND_SALE_DATE         | NULL  | DATE         | Date a bond deal is sold   |
| BROKERAGE_CURRENCY     | NULL  | VARCHAR2(15) | Currency code of brokerage amount  |
| BROKERAGE_RATE         | NULL  | NUMBER       | Rate that a company charges a counterparty or that a counterparty pays to a company for brokered deals                             |
| BUY_ACCOUNT_NO         | NULL  | VARCHAR2(20) | Company account that serves as the receiver of the settlement in the buy currency of a foreign exchange deal                       |
| BUY_AMOUNT             | NULL  | NUMBER       | Amount in the buy currency of a foreign exchange deal  |

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Column Descriptions (Continued)

| Name                | Null?    | Type          | Description   |
|---------------------|----------|---------------|---|
| BUY_HCE_AMOUNT      | NULL     | NUMBER        | Buy amount in reporting currency equivalent   |
| CALC_BASIS          | NULL     | VARCHAR2(8)   | Method of calculating interest (for example, discount basis or yield basis)   |
| CAPITAL_PRICE       | NULL     | NUMBER        | Dirty price of the bond (full market value of the bond issue minus the accrued interest, expressed as a percentage of the issue's face value) |
| CAP_OR_FLOOR        | NULL     | VARCHAR2(5)   | Type of option Call (C) or Put (P)  |
| CLIENT_ADVICE       | NULL     | VARCHAR2(1)   | Not currently used  |
| CLIENT_CODE         | NULL     | VARCHAR2(7)   | Type of option (C for Call or P for Put)  |
| CLIENT_REF          | NULL     | VARCHAR2(7)   | Client account reference  |
| COMMENCE_DATE       | NULL     | DATE          | Not currently used  |
| COMMENTS            | NULL     | VARCHAR2(255) | Internal comments   |
| COMPANY_CODE        | NOT NULL | VARCHAR2(7)   | Company code  |
| CONTRACT_COMMISSION | NULL     | NUMBER        | Not currently used  |
| CONTRACT_FEES       | NULL     | NUMBER        | Not currently used  |
| CONTRACT_NOS        | NULL     | NUMBER        | Not currently used  |
| CONTRACT_RATE       | NULL     | NUMBER        | Not currently used  |
| COUPON_ACTION       | NULL     | VARCHAR2(3)   | Code to identify coupon action  |
| COUPON_RATE         | NULL     | NUMBER        | Interest rate that the issuer agrees to pay the investor  |
| CPARTY_ADVICE       | NULL     | VARCHAR2(1)   | Not currently used  |
| CPARTY_CODE         | NOT NULL | VARCHAR2(7)   | Counterparty code   |
| CPARTY_REF          | NULL     | VARCHAR2(7)   | Counterparty account reference code   |
| CREATED_BY          | NOT NULL | VARCHAR2(30)  | User who created this record  |
| CREATED_ON          | NOT NULL | DATE          | Date this record was created  |
| CTY_CCY             | NULL     | VARCHAR2(15)  | Contra currency in a foreign exchange currency quote  |
| CUM_COUPON_DATE     | NULL     | DATE          | Upcoming coupon date  |
| CURRENCY            | NULL     | VARCHAR2(15)  | Currency code   |
| CURRENCY_BUY        | NULL     | VARCHAR2(15)  | Currency code of buy amount   |
| CURRENCY_SELL       | NULL     | VARCHAR2(15)  | Currency code of sell amount  |
| DEALER_CODE         | NOT NULL | VARCHAR2(10)  | Code for Treasury users   |
| DEAL_DATE           | NOT NULL | DATE          | Date the deal is made   |
| DEAL_LINKING_CODE   | NULL     | VARCHAR2(8)   | Code to identify the group of linked deals  |
| DEAL_NO (PK)        | NOT NULL | NUMBER        | Unique number assigned to each deal   |
| DEAL_SUBTYPE        | NOT NULL | VARCHAR2(7)   | Code to sub-categorize deals within each deal type  |
| DEAL_TYPE           | NOT NULL | VARCHAR2(7)   | Code to identify a deal or instrument type  |
| DISCOUNT            | NULL     | VARCHAR2(1)   | Flag to indicate if the interest rate is of discount (Y) or yield basis (N)   |
| DRAWER_CODE         | NULL     | VARCHAR2(7)   | Drawer code (party in a discounted securities deal who is responsible for paying if the acceptor and endorser defaults on the payment)        |
| DRAWER_NAME         | NULL     | VARCHAR2(20)  | Drawer name   |

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Column Descriptions (Continued)

| Name                         | Null? | Type          | Description  |
|------------------------------|-------|---------------|--|
| DUAL_AUTHORISATION_BY        | NULL  | VARCHAR2(30)  | Login name of user who created the deal (only applies if the Treasury system parameter, DUAL_AUTHORISE, is set to Y)                                   |
| DUAL_AUTHORISATION_ON        | NULL  | DATE          | Date the user created the deal (only applies if the Treasury system parameter, DUAL_AUTHORISE, is set to Y)  |
| ENDORSER_CODE                | NULL  | VARCHAR2(7)   | Endorser code (party in a discounted securities deal who is responsible for paying the negotiable instruments if the acceptor defaults on the payment) |
| ENDORSER_NAME                | NULL  | VARCHAR2(20)  | Endorser name  |
| ENTER_INTO_SWAP              | NULL  | VARCHAR2(1)   | Reference number for an interest rate swap   |
| EXCHANGE_CODE                | NULL  | VARCHAR2(7)   | Not currently used   |
| EXERCISE                     | NULL  | VARCHAR2(1)   | Flag to indicate if an option has been exercised (Y), or not (N)   |
| EXPIRY_DATE                  | NULL  | DATE          | Price at which the security underlying the options contract may be bought or sold  |
| EXTERNAL_COMMENTS            | NULL  | VARCHAR2(255) | External comments  |
| EXTERNAL_CPARTY_NO           | NULL  | VARCHAR2(15)  | External reference   |
| FACE_VALUE_AMOUNT            | NULL  | NUMBER        | Amount that the issuer agrees to pay at maturity date  |
| FACE_VALUE_HCE_AMOUNT        | NULL  | NUMBER        | Face value in reporting currency equivalent  |
| FIRST_REVAL                  | NULL  | VARCHAR2(1)   | Not currently used   |
| FIXED_OR_FLOATING_RATE       | NULL  | VARCHAR2(5)   | Code to indicate if the interest rate is fixed (FIXED) or floating (FLOAT)   |
| FIXED_TERM_MY                | NULL  | VARCHAR2(3)   | Code to identify the term of the fixed interest rate period (M for month, or Y for year)   |
| FORWARD_HCE_AMOUNT           | NULL  | NUMBER        | Amount difference in reporting currency equivalent between the buy and sell amounts in a forward foreign exchange deal                                 |
| FRA_DESCRIPTION              | NULL  | VARCHAR2(20)  | Not currently used   |
| FREQUENCY                    | NULL  | NUMBER        | Payment frequency  |
| FXD_DEAL_NO                  | NULL  | NUMBER        | Deal number of the first part of a foreign exchange swap deal  |
| FXO_DEAL_NO                  | NULL  | NUMBER        | Deal number of the foreign exchange option deal from which this deal was generated   |
| FX_COVER_CROSS_REF           | NULL  | NUMBER        | Deal number of the bond that was partially sold  |
| FX_PD_DEAL_NO                | NULL  | NUMBER        | Number of the deal from which deal was pre-delivered   |
| FX_REVALUED_ON_DATE          | NULL  | DATE          | Date the foreign exchange deal was valued  |
| FX_RO_DEAL_NO                | NULL  | NUMBER        | Number of the deal from which this foreign exchange deal was rolled over   |
| FX_SUBSIDIARY_BALANCE_AMOUNT | NULL  | NUMBER        | Not currently used   |
| FX_WHOLESALE_REF             | NULL  | NUMBER        | Number of the parent deal for this subsidiary foreign exchange deal  |

Column Descriptions (Continued)

| Name                        | Null? | Type         | Description  |
|-----------------------------|-------|--------------|--|
| INSERT_FOR_CASHFLOW         | NULL  | VARCHAR2(1)  | Flag to indicate if the cashflow row of a foreign exchange option is to be inserted into XTR_DEAL_DATE_AMOUNTS table (Y), or not (N) |
| INTEREST_AMOUNT             | NULL  | NUMBER       | Interest amount  |
| INTEREST_CUTOFF             | NULL  | VARCHAR2(1)  | Not currently used   |
| INTEREST_HCE_AMOUNT         | NULL  | NUMBER       | Interest amount in reporting currency equivalent   |
| INTEREST_RATE               | NULL  | NUMBER       | Agreed upon rate expressed as a percentage per annum   |
| INTERNAL_TICKET_NO          | NULL  | VARCHAR2(15) | Internal reference   |
| INT_SWAP_REF                | NULL  | VARCHAR2(10) | Unique reference for interest rate swap deals  |
| KNOCK_EXECUTED_BY           | NULL  | VARCHAR2(10) | Treasury user who executed the foreign exchange knock option   |
| KNOCK_EXECUTED_ON           | NULL  | DATE         | Date the foreign exchange knock option is executed   |
| KNOCK_INSERT_TYPE           | NULL  | VARCHAR2(1)  | Not currently used   |
| KNOCK_LEVEL                 | NULL  | NUMBER       | Knock rate   |
| KNOCK_TYPE                  | NULL  | VARCHAR2(10) | Flag to indicate if the foreign exchange option deal is an knock in (I), knock out (O), or standard (null) option type               |
| LIMIT_AMOUNT                | NULL  | NUMBER       | Maximum amount allowed by the limit  |
| LIMIT_CODE                  | NULL  | VARCHAR2(7)  | Code for user-defined limits imposed on deals and transactions   |
| MARGIN                      | NULL  | NUMBER       | Not currently used   |
| MATURITY_ACCOUNT_NO         | NULL  | VARCHAR2(20) | Company account for the face value settlement for discounted securities deals  |
| MATURITY_AMOUNT             | NULL  | NUMBER       | Amount that the issuer agrees to pay at the maturity date  |
| MATURITY_BALANCE_AMOUNT     | NULL  | NUMBER       | Face value balance of discounted securities deals  |
| MATURITY_BALANCE_HCE_AMOUNT | NULL  | NUMBER       | Face value balance in reporting currency equivalent  |
| MATURITY_DATE               | NULL  | DATE         | Date the deal matures or an action is required   |
| MATURITY_HCE_AMOUNT         | NULL  | NUMBER       | Maturity amount in reporting currency equivalent   |
| NEXT_COUPON_DATE            | NULL  | DATE         | Maturity amount in reporting currency equivalent   |
| NI_DEAL_NO                  | NULL  | NUMBER       | Not currently used   |
| NI_PROFIT_LOSS              | NULL  | NUMBER       | Profit or loss amount for discounted securities deals  |
| NO_OF_DAYS                  | NULL  | NUMBER       | Number of days used to calculate interest  |
| OPTION_AMOUNT               | NULL  | NUMBER       | Not currently used   |
| OPTION_COMMENCEMENT         | NULL  | DATE         | Date the option can start to be exercised  |
| OPTION_HCE_AMOUNT           | NULL  | NUMBER       | Not currently used   |
| OPTION_POINTS               | NULL  | NUMBER       | Break even rate for an option deal (the rate at which the premium is recovered)  |
| OPTION_TYPE                 | NULL  | VARCHAR2(8)  | Code to indicate whether the option is American (AMERICAN) or European (EUROPEAN)  |

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Column Descriptions (Continued)

| Name                  | Null?    | Type         | Description   |
|-----------------------|----------|--------------|---|
| PAYMENT_FREQ          | NULL     | VARCHAR2(12) | Payment frequency for retail and wholesale term money deals   |
| PAYMENT_SCHEDULE_CODE | NULL     | VARCHAR2(7)  | Payment schedule code   |
| PI_AMOUNT_DUE         | NULL     | NUMBER       | Total amount of principal and interest for retail term money deals  |
| PORTFOLIO_AMOUNT      | NULL     | NUMBER       | Portfolio amount  |
| PORTFOLIO_CODE        | NOT NULL | VARCHAR2(7)  | Code for grouping deals under a single portfolio  |
| PREMIUM_ACCOUNT_NO    | NULL     | VARCHAR2(20) | Code for grouping deals under a single portfolio  |
| PREMIUM_ACTION        | NULL     | VARCHAR2(7)  | Premium action code   |
| PREMIUM_AMOUNT        | NULL     | NUMBER       | Option premium amount   |
| PREMIUM_AMOUNT_TYPE   | NULL     | VARCHAR2(7)  | Not currently used  |
| PREMIUM_CURRENCY      | NULL     | VARCHAR2(15) | Currency code of the option premium   |
| PREMIUM_DATE          | NULL     | DATE         | Date the option premium is paid or received   |
| PREMIUM_HCE_AMOUNT    | NULL     | NUMBER       | Premium in reporting currency equivalent  |
| PREMIUM_NO_OF_DAYS    | NULL     | NUMBER       | Not currently used  |
| PRINCIPAL_SETTLED_BY  | NULL     | VARCHAR2(1)  | Client settlement action code (C for Clearing Account, D for Direct To Counterparty, or A for Account)      |
| PRINTED_CPARTY_ADVICE | NULL     | VARCHAR2(1)  | Not currently used  |
| PRINTED_YN            | NULL     | VARCHAR2(1)  | Flag to indicate if the confirmation letter is printed (Y), or not (N)                                      |
| PRODUCT_TYPE          | NULL     | VARCHAR2(10) | Code for products used in a deal type   |
| QUICK_INPUT           | NULL     | VARCHAR2(1)  | Flag to indicate if the deal is generated from a quick input deal (Y), or not (N)                           |
| RATE_BASIS            | NULL     | VARCHAR2(5)  | Source for interest rate quotes (for example, LIBOR)  |
| REF_CCY               | NULL     | VARCHAR2(15) | Base currency code  |
| RENEG_DATE            | NULL     | DATE         | Not currently used  |
| RISKPARTY_CODE        | NULL     | VARCHAR2(7)  | Code to identify the risk party   |
| RISKPARTY_LIMIT_CODE  | NULL     | VARCHAR2(7)  | Limit code against the risk party   |
| SECURITY_NAME         | NULL     | VARCHAR2(10) | Security name   |
| SELL_ACCOUNT_NO       | NULL     | VARCHAR2(20) | Company account that serves as the source of the settlement in the sell currency of a foreign exchange deal |
| SELL_AMOUNT           | NULL     | NUMBER       | Amount in the sell currency of a foreign exchange deal  |
| SELL_HCE_AMOUNT       | NULL     | NUMBER       | Amount in the sell currency of a foreign exchange deal in reporting currency equivalent                     |
| SETTLE_ACCOUNT_NO     | NULL     | VARCHAR2(20) | Company account used for the settlement funds on deal exercise or settlement                                |
| SETTLE_ACTION         | NULL     | VARCHAR2(7)  | Code to identify the settlement action  |
| SETTLE_AMOUNT         | NULL     | NUMBER       | Amount settled  |
| SETTLE_AMOUNT_TYPE    | NULL     | VARCHAR2(7)  | Not currently used  |
| SETTLE_DATE           | NULL     | DATE         | Settlement date   |

Column Descriptions (Continued)

| Name                         | Null?    | Type         | Description  |
|------------------------------|----------|--------------|--|
| SETTLE_DUAL_AUTHORIZATION_BY | NULL     | VARCHAR2(30) | User who authorized the deal settlement  |
| SETTLE_DUAL_AUTHORIZATION_ON | NULL     | DATE         | Date the deal settlement is authorized   |
| SETTLE_HCE_AMOUNT            | NULL     | NUMBER       | Settlement amount in reporting currency equivalent   |
| SETTLE_NO_OF_DAYS            | NULL     | NUMBER       | Not currently used   |
| SETTLE_RATE                  | NULL     | NUMBER       | Current market rate on which settlement funds are calculated on deal exercise or settlement          |
| SPOT_RATE_ON_VALUATION       | NULL     | NUMBER       | Not currently used   |
| START_ACCOUNT_NO             | NULL     | VARCHAR2(20) | Company settlement account number for short term money deals   |
| START_AMOUNT                 | NULL     | NUMBER       | Amount to be settled on the start date for discounted securities deals                               |
| START_DATE                   | NULL     | DATE         | Date the deal starts   |
| START_HCE_AMOUNT             | NULL     | NUMBER       | Consideration value in reporting currency equivalent   |
| STATUS_CODE                  | NOT NULL | VARCHAR2(10) | Code for the execution status of deals and transactions  |
| SWAP_DEPO_ADJUSTMENT         | NULL     | NUMBER       | Not currently used   |
| SWAP_DEPO_FLAG               | NULL     | VARCHAR2(1)  | Not currently used   |
| SWAP_DEPO_INT_RATE           | NULL     | NUMBER       | Not currently used   |
| SWAP_DEPO_TOTAL_RECEIPT      | NULL     | NUMBER       | Not currently used   |
| SWAP_REF                     | NULL     | VARCHAR2(10) | Number (or swap reference) of the bond (or interest rate swap) generated by exercising the option    |
| SYNTHETIC_PRINTED_YN         | NULL     | VARCHAR2(1)  | Not currently used   |
| TAX_AMOUNT                   | NULL     | NUMBER       | Tax amount   |
| TAX_AMOUNT_HCE               | NULL     | NUMBER       | Tax amount in reporting currency equivalent  |
| TAX_CODE                     | NULL     | VARCHAR2(7)  | Code to identify the tax   |
| TAX_RATE                     | NULL     | NUMBER       | Withholding tax rate   |
| TAX_SETTLED_REFERENCE        | NULL     | NUMBER       | Reference number of the tax settlement of the deal   |
| TERM_MY                      | NULL     | VARCHAR2(4)  | Not currently used   |
| TOTAL_PRICE                  | NULL     | NUMBER       | Full market value of a bond, including accrued interest, expressed as a percentage of its face value |
| TRANSACTION_CROSS_REF        | NULL     | VARCHAR2(7)  | Not currently used   |
| TRANSACTION_NO               | NULL     | NUMBER       | Unique reference number assigned to a transaction  |
| TRANSACTION_RATE             | NULL     | NUMBER       | Foreign exchange rate  |
| UPDATED_BY                   | NULL     | VARCHAR2(30) | User who last updated this record  |
| UPDATED_ON                   | NULL     | DATE         | Date this record was last updated  |
| VALUE_DATE                   | NULL     | DATE         | Date the foreign exchange deal takes place   |
| YEAR_BASIS                   | NULL     | NUMBER       | Number of days in a year to use in calculate interest (for example, 360 and 365)                     |
| YEAR_CALC_TYPE               | NULL     | VARCHAR2(15) | Day count basis which defines the way in which interest accrues over time                            |
| YIELD_AMOUNT                 | NULL     | NUMBER       | Interest amount  |

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Column Descriptions (Continued)

| Name             | Null? | Type         | Description   |
|------------------|-------|--------------|---|
| YIELD_HCE_AMOUNT | NULL  | NUMBER       | Interest amount in reporting currency equivalent                                  |
| RATE_FIXING_DATE | NULL  | DATE         | Date the deal rate changes from fixed to floating                                 |
| SECURITY_ID      | NULL  | VARCHAR2(10) | Bond issue unique identifier issued by the government (for example, CUSSIP)       |
| EXERCISE_PRICE   | NULL  | NUMBER       | Price at which the security underlying the options contract may be bought or sold |

Indexes

| Index Name    | Index Type | Sequence | Column Name          |
|---------------|------------|----------|----------------------|
| XTR_DEALS_N1  | NOT UNIQUE | 2        | DEAL_LINKING_CODE    |
| XTR_DEALS_N10 | NOT UNIQUE | 2        | FX_RO_DEAL_NO        |
| XTR_DEALS_N11 | NOT UNIQUE | 1        | MATURITY_ACCOUNT_NO  |
|               |            | 2        | COMPANY_CODE         |
| XTR_DEALS_N12 | NOT UNIQUE | 2        | NI_DEAL_NO           |
| XTR_DEALS_N13 | NOT UNIQUE | 4        | PREMIUM_ACTION       |
|               |            | 6        | PREMIUM_AMOUNT_TYPE  |
|               |            | 8        | DEAL_TYPE            |
| XTR_DEALS_N14 | NOT UNIQUE | 1        | PREMIUM_ACCOUNT_NO   |
|               |            | 2        | COMPANY_CODE         |
| XTR_DEALS_N15 | NOT UNIQUE | 2        | RISKPARTY_CODE       |
| XTR_DEALS_N16 | NOT UNIQUE | 1        | RISKPARTY_LIMIT_CODE |
|               |            | 2        | RISKPARTY_CODE       |
|               |            | 3        | COMPANY_CODE         |
| XTR_DEALS_N17 | NOT UNIQUE | 1        | SELL_ACCOUNT_NO      |
|               |            | 2        | COMPANY_CODE         |
| XTR_DEALS_N18 | NOT UNIQUE | 4        | SETTLE_ACTION        |
|               |            | 6        | SETTLE_AMOUNT_TYPE   |
|               |            | 8        | DEAL_TYPE            |
| XTR_DEALS_N19 | NOT UNIQUE | 1        | SETTLE_ACCOUNT_NO    |
|               |            | 2        | COMPANY_CODE         |
| XTR_DEALS_N2  | NOT UNIQUE | 2        | BUY_ACCOUNT_NO       |
|               |            | 4        | COMPANY_CODE         |
| XTR_DEALS_N20 | NOT UNIQUE | 1        | START_ACCOUNT_NO     |
|               |            | 2        | COMPANY_CODE         |
| XTR_DEALS_N21 | NOT UNIQUE | 2        | COMPANY_CODE         |
| XTR_DEALS_N22 | NOT UNIQUE | 2        | CPARTY_CODE          |
| XTR_DEALS_N23 | NOT UNIQUE | 2        | CURRENCY             |
| XTR_DEALS_N3  | NOT UNIQUE | 2        | CURRENCY_BUY         |
|               |            | 4        | CURRENCY_SELL        |
| XTR_DEALS_N4  | NOT UNIQUE | 1        | DEAL_TYPE            |
|               |            | 2        | DEAL_SUBTYPE         |
| XTR_DEALS_N5  | NOT UNIQUE | 1        | LIMIT_CODE           |
|               |            | 2        | CPARTY_CODE          |
|               |            | 3        | COMPANY_CODE         |
| XTR_DEALS_N6  | NOT UNIQUE | 2        | STATUS_CODE          |
| XTR_DEALS_N7  | NOT UNIQUE | 2        | FXO_DEAL_NO          |
| XTR_DEALS_N8  | NOT UNIQUE | 2        | FXD_DEAL_NO          |
| XTR_DEALS_N9  | NOT UNIQUE | 2        | FX_PD_DEAL_NO        |
| XTR_DEALS_U1  | UNIQUE     | 2        | DEAL_NO              |

Sequences

| Sequence    | Derived Column |
|-------------|----------------|
| XTR_DEALS_S | DEAL_NO        |

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## Database Triggers

Trigger Name : XTR\_BI\_DEALS\_T  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT

This before insert trigger maintains the journals table for those deals that have been rolled over or pre-delivered.

Trigger Name : XTR\_BU\_DEALS\_T  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : UPDATE

This before update trigger maintains the deals audit table and the journals table for newly cancelled deals.

Trigger Name : XTR\_AI\_DEALS\_T  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : INSERT

This after insert trigger maintains the XTR\_MIRROR\_DDA\_LIMIT\_ROW and position history tables, and populates the confirmation details table with action codes.

Trigger Name : XTR\_AU\_DEALS\_T  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

This after insert trigger maintains the XTR\_MIRROR\_DDA\_LIMIT\_ROW and position history tables, and populates the confirmation details table with action codes.

## XTR\_DEAL\_CONFO\_TYPES

XTR\_DEAL\_CONFO\_TYPES contains deal confirmation types used in confirmation letter templates. Each row corresponds to a confirmation type, and includes a description of the confirmation type and the deal type with which the confirmation type is associated.

Column Descriptions

| Name            | Null?    | Type          | Description                   |
|-----------------|----------|---------------|-------------------------------|
| CONFO_TYPE (PK) | NOT NULL | VARCHAR2(50)  | Deal confirmation action type |
| DEAL_TYPE       | NOT NULL | VARCHAR2(7)   | Code for high level deals     |
| DESCRIPTION     | NULL     | VARCHAR2(200) | Deal action description       |

## XTR\_DEAL\_DATE\_AMOUNTS

XTR\_DEAL\_DATE\_AMOUNTS contains deal transaction information broken down by the date type, amount type, and amount action combinations that are used to structure journals and track outstanding cashflows. Each row corresponds to the different amounts and dates that result from specific actions performed on a deal, such as exercising an option or settling a FRA. For each deal transaction, only one row contains the limit code that specifies which cashflow amount should be applied to which applicable limit. This table uses database triggers to pull information from any row where the limit code is not null to populate the XTR\_MIRROR\_DDA\_LIMIT\_ROW table.

### Foreign Keys

| Primary Key Table         | Primary Key Column                      | Foreign Key Column                      |
|---------------------------|---|---|
| XTR_AMOUNT_ACTIONS        | AMOUNT_TYPE<br>ACTION_CODE<br>DEAL_TYPE | AMOUNT_TYPE<br>ACTION_CODE<br>DEAL_TYPE |
| XTR_AMOUNT_TYPES          | DEAL_TYPE<br>AMOUNT_TYPE                | DEAL_TYPE<br>AMOUNT_TYPE                |
| XTR_BANK_ACCOUNTS         | ACCOUNT_NUMBER<br>PARTY_CODE            | ACCOUNT_NO<br>CPARTY_CODE               |
| XTR_DATE_TYPES            | DEAL_TYPE<br>DATE_TYPE                  | DEAL_TYPE<br>DATE_TYPE                  |
| XTR_DEALS                 | DEAL_NO                                 | DEAL_NUMBER                             |
| XTR_EXPOSURE_TRANSACTIONS | TRANSACTION_NUMBER                      | DEAL_NUMBER                             |
| XTR_INTERGROUP_TRANSFERS  | DEAL_NUMBER<br>TRANSACTION_NUMBER       | DEAL_NUMBER<br>TRANSACTION_NUMBER       |
| XTR_ROLLOVER_TRANSACTIONS | DEAL_NUMBER<br>TRANSACTION_NUMBER       | DEAL_NUMBER<br>TRANSACTION_NUMBER       |

### Column Descriptions

| Name                   | Null?    | Type         | Description   |
|------------------------|----------|--------------|---|
| ACCOUNT_NO             | NULL     | VARCHAR2(20) | Settlement account number   |
| ACCRUAL_FROM           | NULL     | DATE         | Not currently used  |
| ACCRUAL_TO             | NULL     | DATE         | Not currently used  |
| ACTION_CODE            | NULL     | VARCHAR2(7)  | Code for actions involved in executing deals  |
| ACTION_COMPLETED       | NULL     | VARCHAR2(1)  | Not currently used  |
| ACTUAL_SETTLEMENT_DATE | NULL     | DATE         | Settlement date   |
| AMOUNT                 | NOT NULL | NUMBER       | Transaction amount  |
| AMOUNT_DATE            | NULL     | DATE         | Date the deal finishes and is paid off, or date the principal amount of a note, draft, acceptance, bond, short term or other debt instrument becomes due and payable. |
| AMOUNT_TYPE            | NOT NULL | VARCHAR2(7)  | Code that identifies the purpose of the amounts for a deal type   |
| ARCHIVE_BY             | NULL     | VARCHAR2(30) | Not currently used  |
| ARCHIVE_DATE           | NULL     | DATE         | Not currently used  |
| ATTACHMENT_EXISTS      | NULL     | VARCHAR2(1)  | Not currently used  |
| AUDIT_INDICATOR        | NULL     | VARCHAR2(1)  | Not currently used  |
| AUTHORISED             | NULL     | VARCHAR2(1)  | Not currently used  |

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Column Descriptions (Continued)

| Name                   | Null?    | Type          | Description   |
|------------------------|----------|---------------|---|
| BALANCE_SHEET_EXPOSURE | NULL     | VARCHAR2(1)   | Flag indicates if the exposure type is in balance sheet (Y), or not (N)   |
| BENEFICIARY_ACCOUNT_NO | NULL     | VARCHAR2(20)  | Settlement beneficiary party account number   |
| BENEFICIARY_PARTY      | NULL     | VARCHAR2(7)   | Settlement beneficiary party  |
| CASHFLOW_AMOUNT        | NULL     | NUMBER        | Cash flow amount  |
| CHQ_REQD               | NULL     | VARCHAR2(1)   | Flag to indicate if user selects check as method of payment for settlement (Y), or not (N)                        |
| CLIENT_BROKER_CLRACCT  | NULL     | VARCHAR2(1)   | Flag to indicate if the client has settled with the counterparty via the company clearing account (Y), or not (N) |
| CLIENT_CODE            | NULL     | VARCHAR2(7)   | Client for which the deal is made   |
| COMMENCE_DATE          | NULL     | DATE          | Date the deal can start to be exercised   |
| COMMENTS               | NULL     | VARCHAR2(255) | Settlement comments   |
| COMPANY_CODE           | NULL     | VARCHAR2(7)   | Company code  |
| CONTRACT_CODE          | NULL     | VARCHAR2(7)   | Not currently used  |
| CPARTY_ACCOUNT_NO      | NULL     | VARCHAR2(20)  | Alpha-numeric reference of counterparty financial account   |
| CPARTY_CODE            | NULL     | VARCHAR2(7)   | Counterparty code   |
| CURRENCY               | NOT NULL | VARCHAR2(15)  | Currency code   |
| CURRENCY_COMBINATION   | NULL     | VARCHAR2(31)  | Currency quotations which combine a base and a contra currency  |
| DATE_TYPE              | NOT NULL | VARCHAR2(7)   | Date type tied to specific deal types (for example, accrual, maturity, start, and dealt dates)                    |
| DEALER_CODE            | NULL     | VARCHAR2(10)  | Code for Treasury users   |
| DEAL_NUMBER            | NOT NULL | NUMBER        | Unique number assigned to each deal   |
| DEAL_ORDERS            | NULL     | VARCHAR2(255) | Not currently used  |
| DEAL_SUBTYPE           | NULL     | VARCHAR2(7)   | Code for deal executions permissible within a deal type   |
| DEAL_TYPE              | NOT NULL | VARCHAR2(7)   | Code for high level deals   |
| DIARY_CREATED_BY       | NULL     | VARCHAR2(30)  | Not currently used  |
| DIARY_NOTE             | NULL     | VARCHAR2(255) | Not currently used  |
| DIRECT_DEBIT           | NULL     | VARCHAR2(1)   | Flag to indicate if user selects direct debit as method of payment for settlement (Y), or not (N)                 |
| DUAL_AUTHORISATION_BY  | NULL     | VARCHAR2(30)  | Login name of user who created the deal, to be included only if parameter DUAL_AUTHORISE is set to Y              |
| DUAL_AUTHORISATION_ON  | NULL     | DATE          | Date on which the user created the deal, to be included only if parameter DUAL_AUTHORISE is set to Y              |
| EXPOSURE_REF_DATE      | NULL     | DATE          | Not currently used  |
| EXP_SETTLE_REQD        | NULL     | VARCHAR2(1)   | Flag to indicate if Treasury user wants to automatically initiate a payment for the exposure (Y), or not (N)      |
| EXTERNAL_COMMENTS      | NULL     | VARCHAR2(255) | Not currently used  |

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Column Descriptions (Continued)

| Name                      | Null?    | Type         | Description  |
|---------------------------|----------|--------------|--|
| FIRST_ACCRUAL             | NULL     | DATE         | Not currently used   |
| FRA_DESCRIPTION           | NULL     | VARCHAR2(20) | Not currently used   |
| GENERAL_OR_PRIVATE_ACCESS | NULL     | VARCHAR2(7)  | Not currently used   |
| CODE_COMBINATION_ID       | NULL     | NUMBER(15)   | Unique key for identifying GL account references   |
| GOOD_VALUE_CLAIM          | NULL     | VARCHAR2(1)  | Not currently used   |
| HCE_AMOUNT                | NULL     | NUMBER       | Amount in reporting currency equivalent  |
| JOURNAL_CREATED           | NOT NULL | VARCHAR2(1)  | Flag to indicate if the journal was created for the transaction (Y), or not (N)                            |
| LIMIT_CODE                | NULL     | VARCHAR2(7)  | Code for user-defined limits imposed on deals and transactions   |
| LIMIT_PARTY               | NULL     | VARCHAR2(7)  | Party against which limits are checked   |
| MULTIPLE_REFERENCE_NUMBER | NULL     | NUMBER       | Original settlement number which indicates where this split settlement comes from                          |
| MULTIPLE_SETTLEMENTS      | NULL     | VARCHAR2(1)  | Flag to indicate if the settlement is split into more than one company or one bank account (Y), or not (N) |
| NETOFF_GROUP_FLAG         | NULL     | VARCHAR2(1)  | Flag to indicate the method of settlement groupings (Netoff (N), Sum (S), None (O), and Not Set (T))       |
| NETOFF_NUMBER             | NULL     | NUMBER       | Unique reference number assigned to a netting group  |
| PORTFOLIO_CODE            | NULL     | VARCHAR2(7)  | Code for grouping deals under a single portfolio   |
| PRINTED_MATURITY_YN       | NULL     | VARCHAR2(1)  | Not currently used   |
| PRODUCT_TYPE              | NULL     | VARCHAR2(10) | Code for products used in a deal type  |
| QUICK_INPUT               | NULL     | VARCHAR2(1)  | Flag to indicate if the deal is generated from a quick input deal (Y), or not (N)                          |
| RECONCILED_DAYS_ADJUST    | NULL     | NUMBER       | Days adjusted for bank statement reconciliation  |
| RECONCILED_PASS_CODE      | NULL     | VARCHAR2(2)  | Set of selection criteria used for reconciliation  |
| RECONCILED_REFERENCE      | NULL     | NUMBER       | Reference number to the statement line against which this transaction is reconciled                        |
| SERIAL_REFERENCE          | NULL     | VARCHAR2(12) | Internal reference   |
| SETTLE                    | NULL     | VARCHAR2(1)  | Flag to indicate if the settlement has been authorized (Y), or not (N)                                     |
| SETTLEMENT_ACTIONED       | NULL     | VARCHAR2(1)  | Flag to indicate if the settlement has been processed (Y), or not (N)                                      |
| SETTLEMENT_ACTIONED_FILE  | NULL     | VARCHAR2(50) | Not currently used   |
| SETTLEMENT_AUTHORISED_BY  | NULL     | VARCHAR2(30) | Treasury user who authorized the settlement  |
| SETTLEMENT_NUMBER         | NULL     | NUMBER       | Unique reference number assigned to a settlement   |
| SETTLEMENT_PARTY          | NULL     | VARCHAR2(7)  | Not currently used   |
| STATUS_CODE               | NULL     | VARCHAR2(10) | Code for the execution status of deals and transactions  |
| TRANSACTION_DATE          | NOT NULL | DATE         | Date the transaction is made   |

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Column Descriptions (Continued)

| Name                         | Null? | Type         | Description   |
|------------------------------|-------|--------------|---|
| TRANSACTION_NUMBER           | NULL  | NUMBER       | Unique reference number assigned to a transaction   |
| TRANSACTION_RATE             | NULL  | NUMBER       | Transaction rate  |
| TRANS_MTS                    | NULL  | VARCHAR2(1)  | Flag to indicate if user has selected EFT (Electronic Funds Transfer) as method of payment for settlement (Y), or not (N) |
| UPDATED_BY                   | NULL  | VARCHAR2(30) | User who last updated this record   |
| UPDATED_ON                   | NULL  | DATE         | Date this record was last updated   |
| ORIGINAL_SETTLEMENT_CURRENCY | NULL  | VARCHAR2(15) | Not currently used  |
| ORIGINAL_SETTLEMENT_AMOUNT   | NULL  | NUMBER       | Not currently used  |
| COMPANY_HCE_AMOUNT           | NULL  | NUMBER       | Not currently used  |
| CREATED_BY                   | NULL  | VARCHAR2(30) | User who created this record  |
| CREATED_ON                   | NULL  | DATE         | Date this record was created  |

Indexes

| Index Name                | Index Type | Sequence | Column Name            |
|---------------------------|------------|----------|------------------------|
| XTR_DEAL_DATE_AMOUNTS_N1  | NOT UNIQUE | 2        | ACCOUNT_NO             |
| XTR_DEAL_DATE_AMOUNTS_N10 | NOT UNIQUE | 2        | COMPANY_CODE           |
|                           |            | 4        | AMOUNT_DATE            |
|                           |            | 5        | ACTUAL_SETTLEMENT_DATE |
| XTR_DEAL_DATE_AMOUNTS_N11 | NOT UNIQUE | 5        | ACTUAL_SETTLEMENT_DATE |
| XTR_DEAL_DATE_AMOUNTS_N2  | NOT UNIQUE | 2        | COMPANY_CODE           |
| XTR_DEAL_DATE_AMOUNTS_N3  | NOT UNIQUE | 2        | AMOUNT_TYPE            |
|                           |            | 4        | DATE_TYPE              |
|                           |            | 6        | DEAL_TYPE              |
| XTR_DEAL_DATE_AMOUNTS_N4  | NOT UNIQUE | 1        | CPARTY_CODE            |
|                           |            | 2        | LIMIT_PARTY            |
|                           |            | 3        | AMOUNT_DATE            |
|                           |            | 4        | DEAL_TYPE              |
|                           |            | 5        | DEAL_SUBTYPE           |
|                           |            | 6        | STATUS_CODE            |
|                           |            | 7        | LIMIT_CODE             |
|                           |            | 8        | AMOUNT_TYPE            |
|                           |            | 9        | HCE_AMOUNT             |
|                           |            | 10       | DEALER_CODE            |
|                           |            | 11       | COMPANY_CODE           |
| XTR_DEAL_DATE_AMOUNTS_N5  | NOT UNIQUE | 2        | AMOUNT_DATE            |
| XTR_DEAL_DATE_AMOUNTS_N6  | NOT UNIQUE | 2        | CURRENCY               |
| XTR_DEAL_DATE_AMOUNTS_N7  | NOT UNIQUE | 2        | ACTION_CODE            |
|                           |            | 4        | AMOUNT_TYPE            |
|                           |            | 6        | DEAL_TYPE              |
| XTR_DEAL_DATE_AMOUNTS_N8  | NOT UNIQUE | 2        | STATUS_CODE            |
| XTR_DEAL_DATE_AMOUNTS_N9  | NOT UNIQUE | 2        | DEAL_TYPE              |
|                           |            | 4        | DEAL_NUMBER            |
|                           |            | 1        | DEAL_NUMBER            |
| XTR_DEAL_DATE_AMOUNTS_U1  | UNIQUE     | 2        | TRANSACTION_NUMBER     |
|                           |            | 3        | TRANSACTION_DATE       |
|                           |            | 4        | DEAL_TYPE              |
|                           |            | 5        | DATE_TYPE              |
|                           |            | 6        | AMOUNT_TYPE            |
|                           |            | 7        | AMOUNT_DATE            |
|                           |            | 8        | SETTLEMENT_NUMBER      |
|                           |            | 9        | CASHFLOW_AMOUNT        |

Sequences

| Sequence                | Derived Column       |
|-------------------------|----------------------|
| XTR_DEAL_DATE_AMOUNTS_S | RECONCILED_REFERENCE |

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## Database Triggers

Trigger Name : XTR\_AU\_DEAL\_DATE\_AMOUNTS\_T  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

This after update trigger maintains the deal transactions table, XTR\_MIRROR\_DDA\_LIMIT\_ROW table, and audit table for XTR\_DEAL\_DATE\_AMOUNTS table.

Trigger Name : XTR\_AID\_DEAL\_DATE\_AMOUNTS\_T  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : INSERT, DELETE

This after insert or delete trigger maintains the XTR\_MIRROR\_DDA\_LIMIT\_ROW table.



## XTR\_DEAL\_STATUSES

XTR\_DEAL\_STATUSES contains the different deal type and status combinations. One deal type can have many statuses. With the exception of exposure transactions, all deal types have at least two statuses: CURRENT and CANCELLED. Physical instrument deals also have a CLOSED status. Derivatives, with the exception of FRAs, have an EXPIRED and an EXERCISED status. FRAs have a SETTLED status. Treasury changes a deal's status automatically when that deal goes from one stage to another. You can only change a deal with a CURRENT status to CANCELLED.

### Foreign Keys

| Primary Key Table | Primary Key Column | Foreign Key Column |
|-------------------|--------------------|--------------------|
| XTR_DEAL_TYPES    | DEAL_TYPE          | DEAL_TYPE          |

### Column Descriptions

| Name              | Null?    | Type         | Description  |
|-------------------|----------|--------------|--|
| AUTO_USER_SET     | NOT NULL | VARCHAR2(1)  | Flag to indicate the status is set automatically (A) or manually by user (U) |
| DEAL_TYPE (PK)    | NOT NULL | VARCHAR2(7)  | Code for high level deals  |
| DESCRIPTION       | NOT NULL | VARCHAR2(80) | Status description   |
| STATUS_CODE (PK)  | NOT NULL | VARCHAR2(10) | Code for the execution status of deals and transactions                      |
| USER_STATUS_CODE  | NOT NULL | VARCHAR2(10) | User-defined deal status code  |
| UPDATEABLE        | NOT NULL | VARCHAR2(1)  | Flag to indicate whether the status is updatable (Y), or not (N)             |
| SEDED_DESCRIPTION | NOT NULL | VARCHAR2(80) | Pre-defined status description   |
| UPDATED_BY        | NULL     | VARCHAR2(30) | User who last updated this record  |

### Indexes

| Index Name           | Index Type | Sequence | Column Name      |
|----------------------|------------|----------|------------------|
| XTR_DEAL_STATUSES_N1 | NOT UNIQUE | 2        | DEAL_TYPE        |
| XTR_DEAL_STATUSES_U1 | UNIQUE     | 2        | DEAL_TYPE        |
|                      |            | 4        | STATUS_CODE      |
| XTR_DEAL_STATUSES_U2 | UNIQUE     | 2        | DEAL_TYPE        |
|                      |            | 5        | USER_STATUS_CODE |

## XTR\_DEAL\_SUBTYPES

XTR\_DEAL\_SUBTYPES contains deal subtype information. Each row in this table corresponds to a deal type and deal subtype combination and contains the deal tolerance level for that combination. All deal types must exist in the XTR\_DEAL\_TYPES table. Each deal transaction must be associated with a deal subtype that belongs to the deal type of your deal transaction.

This table corresponds to the Deal Subtypes tabbed region in the Deal Types/Deal Subtypes/Product Types window.

### Foreign Keys

| Primary Key Table | Primary Key Column | Foreign Key Column |
|-------------------|--------------------|--------------------|
| XTR_DEAL_TYPES    | DEAL_TYPE          | DEAL_TYPE          |

### Column Descriptions

| Name              | Null?    | Type         | Description  |
|-------------------|----------|--------------|--|
| AUTHORISED        | NULL     | VARCHAR2(1)  | Flag to indicate if the deal subtype is authorized for use (Y), or not (N) |
| DEAL_SUBTYPE (PK) | NOT NULL | VARCHAR2(7)  | Code for deal executions permissible within a deal type                    |
| USER_DEAL_SUBTYPE | NOT NULL | VARCHAR2(7)  | User-defined deal subtype code   |
| DEAL_TYPE (PK)    | NOT NULL | VARCHAR2(7)  | Code for high level deals  |
| LIMIT_WEIGHTING   | NULL     | NUMBER       | Percentage of a deal's face value considered as risk                       |
| NAME              | NOT NULL | VARCHAR2(80) | Deal subtype name  |
| PRICE_ROUNDING    | NULL     | NUMBER       | Not currently used   |
| TOLERANCE         | NULL     | NUMBER       | Tolerance level (as a percentage)  |
| YIELD_ROUNDING    | NULL     | NUMBER       | Not currently used   |
| SEDED_DESCRIPTION | NOT NULL | VARCHAR2(80) | Pre-defined deal subtype description                                       |
| UPDATED_BY        | NULL     | VARCHAR2(30) | User who last updated this record  |

### Indexes

| Index Name           | Index Type | Sequence | Column Name       |
|----------------------|------------|----------|-------------------|
| XTR_DEAL_SUBTYPES_N1 | NOT UNIQUE | 2        | DEAL_TYPE         |
| XTR_DEAL_SUBTYPES_U1 | UNIQUE     | 4        | DEAL_TYPE         |
|                      |            | 6        | DEAL_SUBTYPE      |
| XTR_DEAL_SUBTYPES_U2 | UNIQUE     | 2        | DEAL_TYPE         |
|                      |            | 5        | USER_DEAL_SUBTYPE |

## XTR\_DEAL\_TYPES

XTR\_DEAL\_TYPES contains information of deal types and their categories, such as money market, foreign exchange, and exposures. Each row corresponds to one deal type and contains a description of the deal type and a flag indicating whether the deal type is authorized for use or not. All deal type values within Treasury must be in this table.

This table corresponds to the Deal Types region in the Deal Types/Deal Subtypes/Product Types window.

### Column Descriptions

| Name              | Null?    | Type         | Description  |
|-------------------|----------|--------------|--|
| ACCRUE_AMORTISE   | NULL     | VARCHAR2(3)  | Not currently used   |
| AMOUNT_TYPE       | NULL     | VARCHAR2(7)  | Code that identifies the purpose of the amounts for a deal type                                  |
| AUTHORISED        | NULL     | VARCHAR2(1)  | Flag to indicate if the deal type is authorized for use (Y), or not (N)                          |
| DEAL_TYPE (PK)    | NOT NULL | VARCHAR2(7)  | Code for high level deals  |
| USER_DEAL_TYPE    | NOT NULL | VARCHAR2(7)  | User-defined deal type code  |
| FROM_DATE_TYPE    | NULL     | VARCHAR2(7)  | Not currently used   |
| FX_MM_EXP_FLAG    | NOT NULL | VARCHAR2(2)  | Flag to indicate if the deal type is Foreign Exchange (FX), Money Market (MM) or Exposures (EXP) |
| METHOD            | NULL     | VARCHAR2(3)  | Not currently used   |
| NAME              | NOT NULL | VARCHAR2(80) | Deal type description  |
| TO_DATE_TYPE      | NULL     | VARCHAR2(7)  | Not currently used   |
| SEDED_DESCRIPTION | NOT NULL | VARCHAR2(80) | Pre-defined deal type description  |
| UPDATED_BY        | NULL     | VARCHAR2(30) | User who last updated this record  |

### Indexes

| Index Name        | Index Type | Sequence | Column Name    |
|-------------------|------------|----------|----------------|
| XTR_DEAL_TYPES_U1 | UNIQUE     | 2        | DEAL_TYPE      |
| XTR_DEAL_TYPES_U2 | UNIQUE     | 1        | USER_DEAL_TYPE |

# XTR\_DEDUCTION\_CALCS

XTR\_DEDUCTION\_CALCS contains the predefined deduction calculation methods that apply to the set up of tax and brokerage schedules. Each calculation method corresponds to an amount type and a calculation basis for a deal type. Calculation methods are used to calculate withholding tax and brokerage settlement amounts.

Column Descriptions

| Name             | Null?    | Type         | Description   |
|------------------|----------|--------------|---|
| AMOUNT_TYPE (PK) | NOT NULL | VARCHAR2(7)  | Code that identifies the purpose of the amounts for a deal type |
| CALC_BASIS (PK)  | NOT NULL | VARCHAR2(10) | Basis on which the deduction is calculated                      |
| CALC_TYPE (PK)   | NOT NULL | VARCHAR2(5)  | Calculation type  |
| DESCRIPTION      | NOT NULL | VARCHAR2(30) | Deduction calculation description                               |
| DEAL_TYPE (PK)   | NOT NULL | VARCHAR2(7)  | Code for high level deals                                       |

Indexes

| Index Name             | Index Type | Sequence | Column Name |
|------------------------|------------|----------|-------------|
| XTR_DEDUCTION_CALCS_U1 | UNIQUE     | 2        | DEAL_TYPE   |
|                        |            | 4        | AMOUNT_TYPE |
|                        |            | 6        | CALC_BASIS  |
|                        |            | 8        | CALC_TYPE   |

## XTR\_EXPOSURE\_TRANSACTIONS

XTR\_EXPOSURE\_TRANSACTIONS contains the exposure transactions that are used for gap analysis of all cash flows that affect Treasury, but that are not retrieved or recorded through deals or through interface with Oracle Cash Management. Each row in this table with a 'Y' in the TAX\_BROKERAGE\_TYPE column represents a withholding tax or a brokerage fee exposure transaction. Each row with an 'N' in the TAX\_BROKERAGE\_TYPE column belongs to an exposure type from the XTR\_EXPOSURE\_TYPES table.

This table corresponds to the Exposure Transactions window and the Cancel Tax/Brokerage Settlements window of the Tax/Brokerage form.

### Foreign Keys

| Primary Key Table  | Primary Key Column                                  | Foreign Key Column                                |
|--------------------|---|---|
| XTR_EXPOSURE_TYPES | COMPANY_CODE<br>EXPOSURE_TYPE                       | COMPANY_CODE<br>EXPOSURE_TYPE                     |
| XTR_EXPOSURE_TYPES | COMPANY_CODE<br>EXPOSURE_TYPE<br>TAX_BROKERAGE_TYPE | COMPANY_CODE<br>CPARTY_CODE<br>TAX_BROKERAGE_TYPE |

### Column Descriptions

| Name                   | Null?    | Type          | Description  |
|------------------------|----------|---------------|--|
| ACCOUNT_NO             | NULL     | VARCHAR2(20)  | Settlement account number  |
| ACTION_CODE            | NULL     | VARCHAR2(7)   | Code for actions involved in executing deals                         |
| AMOUNT                 | NULL     | NUMBER        | Actual exposure amount   |
| AMOUNT_HCE             | NOT NULL | NUMBER        | Exposure amount in reporting currency equivalent                     |
| AMOUNT_TYPE            | NULL     | VARCHAR2(7)   | Code that identifies the purpose of the amounts for an exposure type |
| ARCHIVE_BY             | NULL     | VARCHAR2(30)  | Not currently used   |
| ARCHIVE_DATE           | NULL     | DATE          | Not currently used   |
| AUDIT_INDICATOR        | NULL     | VARCHAR2(1)   | Not currently used   |
| AVG_RATE               | NULL     | NUMBER        | Currency exchange rate   |
| BALANCE                | NULL     | NUMBER        | Not currently used   |
| BENEFICIARY_CODE       | NULL     | VARCHAR2(7)   | Not currently used   |
| COMMENTS               | NULL     | VARCHAR2(255) | Comments   |
| COMPANY_CODE           | NOT NULL | VARCHAR2(7)   | Company code   |
| CONTRA_NZD_AMOUNT      | NULL     | NUMBER        | Not currently used   |
| COVERED_BY_FX_CONTRACT | NULL     | NUMBER        | Reference to foreign exchange deal number                            |
| CPARTY_CODE            | NULL     | VARCHAR2(7)   | Counterparty code  |
| CPARTY_REF             | NULL     | VARCHAR2(7)   | Counterparty account reference code                                  |
| CREATED_BY             | NOT NULL | VARCHAR2(30)  | User who created the exposure  |
| CREATED_ON             | NOT NULL | DATE          | Date on which the exposure was generated                             |
| CURRENCY               | NOT NULL | VARCHAR2(15)  | Currency code  |
| DEAL_STATUS            | NULL     | VARCHAR2(1)   | Code for the execution status of deals and transactions              |
| DEAL_SUBTYPE           | NOT NULL | VARCHAR2(7)   | Code for deal executions permissible within a deal type              |

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|                 |          |             |                           |
|-----------------|----------|-------------|---------------------------|
| DEAL_TYPE       | NOT NULL | VARCHAR2(7) | Code for high level deals |
| ESTIMATE_AMOUNT | NULL     | NUMBER      | Estimated exposure amount |

*Column Descriptions (Continued)*

| Name                      | Null?    | Type         | Description  |
|---------------------------|----------|--------------|--|
| ESTIMATE_DATE             | NULL     | DATE         | Estimated exposure date  |
| EXPOSURE_TYPE             | NOT NULL | VARCHAR2(7)  | User-defined exposure type code  |
| FIS_FOB                   | NULL     | VARCHAR2(3)  | Not currently used   |
| INTERMEDIARY_BANK_DETAILS | NULL     | VARCHAR2(62) | Not currently used   |
| NZD_AMOUNT                | NULL     | NUMBER       | Not currently used   |
| PAYMENT_AMOUNT            | NULL     | NUMBER       | Not currently used   |
| PAYMENT_STATUS            | NULL     | VARCHAR2(1)  | Not currently used   |
| PORTFOLIO_CODE            | NULL     | VARCHAR2(7)  | Code for grouping deals under a single portfolio                                 |
| PROFIT_LOSS               | NULL     | NUMBER       | Not currently used   |
| PURCHASING_MODULE         | NULL     | VARCHAR2(1)  | Not currently used   |
| SELECT_ACTION             | NULL     | VARCHAR2(1)  | Not currently used   |
| SELECT_REFERENCE          | NULL     | NUMBER       | Not currently used   |
| SETTLE_ACTION_REQD        | NOT NULL | VARCHAR2(1)  | Flag to indicate if exposure cashflow was created for settlement (Y), or not (N) |
| STATUS_CODE               | NULL     | VARCHAR2(10) | Code for the execution status of deals and transactions                          |
| SUBSIDIARY_REF            | NULL     | VARCHAR2(10) | Not currently used   |
| TAX_BROKERAGE_TYPE        | NULL     | VARCHAR2(1)  | Not currently used   |
| THIRDPARTY_CODE           | NULL     | VARCHAR2(7)  | Settlement counterparty  |
| TRANSACTION_NUMBER (PK)   | NOT NULL | NUMBER       | Unique reference number assigned to a transaction                                |
| UPDATED_BY                | NULL     | VARCHAR2(30) | User who last updated the exposure transaction                                   |
| UPDATED_ON                | NULL     | DATE         | Date on which the exposure transaction was updated                               |
| VALUE_DATE                | NULL     | DATE         | Actual date of settlement  |
| WHOLESALE_REFERENCE       | NULL     | NUMBER       | Not currently used   |

*Indexes*

| Index Name                   | Index Type | Sequence | Column Name        |
|------------------------------|------------|----------|--------------------|
| XTR_EXPOSURE_TRANSACTIONS_N1 | NOT UNIQUE | 4        | ACTION_CODE        |
|                              |            | 6        | AMOUNT_TYPE        |
|                              |            | 8        | DEAL_TYPE          |
| XTR_EXPOSURE_TRANSACTIONS_N2 | NOT UNIQUE | 2        | ACCOUNT_NO         |
|                              |            | 4        | COMPANY_CODE       |
| XTR_EXPOSURE_TRANSACTIONS_N3 | NOT UNIQUE | 2        | DEAL_SUBTYPE       |
|                              |            | 4        | DEAL_TYPE          |
| XTR_EXPOSURE_TRANSACTIONS_N4 | NOT UNIQUE | 1        | EXPOSURE_TYPE      |
|                              |            | 2        | COMPANY_CODE       |
| XTR_EXPOSURE_TRANSACTIONS_N5 | NOT UNIQUE | 2        | THIRDPARTY_CODE    |
| XTR_EXPOSURE_TRANSACTIONS_N6 | NOT UNIQUE | 2        | CURRENCY           |
| XTR_EXPOSURE_TRANSACTIONS_U1 | UNIQUE     | 2        | TRANSACTION_NUMBER |

*Sequences*

| Sequence             | Derived Column     |
|----------------------|--------------------|
| XTR_EXPOSURE_TRANS_S | TRANSACTION_NUMBER |

### *Database Triggers*

Trigger Name : XTR\_AU\_EXPOSURE\_TRANSACTIONS\_T  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

This after update trigger maintains the journals table and audit table for exposure transactions.

## XTR\_EXPOSURE\_TYPES

XTR\_EXPOSURE\_TYPES contains exposure type and tax and brokerage settlement code information. Each row with a value of 'Y' in the TAX\_BROKERAGE\_TYPE column corresponds to a tax or brokerage settlement code. Settlement codes are used to settle withholding tax and brokerage fees. Each row with a value of 'N' in the TAX\_BROKERAGE\_TYPE column corresponds to an exposure type.

This table corresponds to the Exposure Types window, the Settlement Codes tabbed region on the Brokerage Schedule and Details window, and to the Settlement Codes tabbed region on the Tax Schedule and Details window.

### Foreign Keys

| Primary Key Table    | Primary Key Column  | Foreign Key Column  |
|----------------------|---------------------|---------------------|
| GL_CODE_COMBINATIONS | CODE_COMBINATION_ID | CODE_COMBINATION_ID |

### Column Descriptions

| Name                   | Null?    | Type         | Description   |
|------------------------|----------|--------------|---|
| AUDIT_INDICATOR        | NULL     | VARCHAR2(1)  | Not currently used  |
| BALANCE_SHEET_EXPOSURE | NULL     | VARCHAR2(1)  | Not currently used  |
| COMPANY_CODE (PK)      | NOT NULL | VARCHAR2(7)  | Company code  |
| EXPOSURE_TYPE (PK)     | NOT NULL | VARCHAR2(7)  | Exposure type   |
| FREQUENCY              | NULL     | NUMBER       | Frequency at which the exposure occurs (for example, 5 means the exposure occurs every five days)                             |
| CODE_COMBINATION_ID    | NULL     | NUMBER(15)   | Unique key for identifying GL account references  |
| LAST_DOWNLOAD_DATE     | NULL     | DATE         | Not currently used  |
| NAME                   | NOT NULL | VARCHAR2(20) | Exposure type description   |
| TAX_BROKERAGE_TYPE     | NULL     | VARCHAR2(1)  | Flag to indicate if the exposure type is a tax or brokerage type (Y), or not (N)  |
| TAX_OR_BROKERAGE       | NULL     | VARCHAR2(1)  | Flag to indicate if the exposure type is a tax (T) or brokerage (B) (meaningful only when the TAX_BROKERAGE_TYPE has value Y) |
| UPDATED_BY             | NULL     | VARCHAR2(30) | User who last updated this record   |
| UPDATED_ON             | NULL     | DATE         | Date this record was last updated   |
| CREATED_BY             | NOT NULL | VARCHAR2(30) | User who created this record  |
| CREATED_ON             | NOT NULL | DATE         | Date this record was created  |

### Indexes

| Index Name            | Index Type | Sequence | Column Name         |
|-----------------------|------------|----------|---------------------|
| XTR_EXPOSURE_TYPES_N1 | NOT UNIQUE | 2        | COMPANY_CODE        |
| XTR_EXPOSURE_TYPES_N2 | NOT UNIQUE | 1        | CODE_COMBINATION_ID |
|                       |            | 2        | COMPANY_CODE        |
| XTR_EXPOSURE_TYPES_U1 | UNIQUE     | 1        | EXPOSURE_TYPE       |
|                       |            | 2        | COMPANY_CODE        |

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### *Database Triggers*

Trigger Name : XTR\_AU\_EXPOSURE\_TYPES\_T  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

This after update trigger maintains the audit table for exposure types.

## XTR\_EXT\_IMPORT\_INTERFACE

XTR\_EXT\_IMPORT\_INTERFACE contains bank statement information that is about to be transferred into Treasury for reconciliation. Each row with a record type of '01' corresponds to a statement line or transaction. Transactions are grouped by statements. Statements are uniquely defined by their combination of import source, creation date, and value date. Each statement has one row with record type of '00' that holds the account, currency, and transferred by information for the bank statement. Each statement also has one row with record type of '02' that keeps track of the total debits and credits for the bank statement. When you transfer a statement for reconciliation, the transaction information from this table is transferred to the XTR\_PAY\_REC\_RECONCILIATION table. If the transfer succeeds, a row is inserted in the XTR\_IMPORT\_TRAILER\_DETAILS table, which shows a summary of the transfer. If the transfer does not succeed, a row is inserted into the XTR\_IMPORT\_TRANSFER\_ERRORS table with the error information.

This table corresponds to the Manual Statement Input window.

### Foreign Keys

| Primary Key Table     | Primary Key Column | Foreign Key Column |
|-----------------------|--------------------|--------------------|
| XTR_SOURCE_OF_IMPORTS | SOURCE             | SOURCE             |

### Column Descriptions

| Name                   | Null?    | Type          | Description   |
|------------------------|----------|---------------|---|
| ACCOUNT_NUMBER         | NULL     | VARCHAR2(20)  | Alpha-numeric reference to financial accounts of Treasury parties   |
| AMOUNT                 | NULL     | NUMBER        | Statement line amount   |
| COMMENTS               | NULL     | VARCHAR2(150) | Comments for a statement line   |
| CREATION_DATE          | NOT NULL | DATE          | Statement creation date   |
| CREDIT_AMOUNT          | NULL     | NUMBER        | Total credit amount of statement (trailer information)  |
| CURRENCY               | NULL     | VARCHAR2(15)  | Currency code   |
| DEBIT_AMOUNT           | NULL     | NUMBER        | Total debit amount of statement (trailer information)   |
| NUMBER_OF_TRANSACTIONS | NULL     | NUMBER        | Number of transactions in the statement (trailer information)   |
| PARTICULARS            | NULL     | VARCHAR2(12)  | Particulars of a statement line (for example, deal number)  |
| PARTY_NAME             | NULL     | VARCHAR2(20)  | Counterparty code of a statement line   |
| RECORD_TYPE            | NOT NULL | VARCHAR2(2)   | Code that identifies if the record is a statement header (00), statement line (01), or statement trailer (02) |
| SELECT_FOR_TRANSFER    | NULL     | VARCHAR2(1)   | Not currently used  |
| SERIAL_REFERENCE       | NULL     | VARCHAR2(12)  | Not currently used  |
| SOURCE                 | NOT NULL | VARCHAR2(20)  | Reconciliation import source  |
| TRANSACTION_CODE       | NULL     | VARCHAR2(2)   | Code to indicate the type of transaction (45 for payment or 55 for receipt)                                   |

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Column Descriptions (Continued)

| Name        | Null?    | Type         | Description  |
|-------------|----------|--------------|--|
| TRANSFER_BY | NULL     | VARCHAR2(10) | User who initiated the transfer from the interface table |
| VALUE_DATE  | NOT NULL | DATE         | Statement value date                                     |

# XTR\_FX\_PERIOD\_WEIGHTINGS

XTR\_FX\_PERIOD\_WEIGHTINGS contains limit weighting information. Each row corresponds to a limit weighting for a combination of deal type, deal subtype, and the number of months the deal is from maturity before this limit is applied.

This table corresponds to the Weightings window.

Foreign Keys

| Primary Key Table | Primary Key Column | Foreign Key Column |
|-------------------|--------------------|--------------------|
| XTR_DEAL_SUBTYPES | DEAL_TYPE          | DEAL_TYPE          |
|                   | DEAL_SUBTYPE       | DEAL_SUBTYPE       |

Column Descriptions

| Name              | Null?    | Type        | Description   |
|-------------------|----------|-------------|---|
| DEAL_SUBTYPE (PK) | NOT NULL | VARCHAR2(7) | Code for deal executions permissible within a deal type                 |
| DEAL_TYPE (PK)    | NOT NULL | VARCHAR2(7) | Code for high level deals   |
| LIMIT_WEIGHTING   | NULL     | NUMBER      | Percentage of a deal's face value considered as risk                    |
| NOS_MONTHS (PK)   | NOT NULL | NUMBER      | Number of months to maturity date for which the limit weighting applies |

Indexes

| Index Name                  | Index Type | Sequence | Column Name  |
|-----------------------------|------------|----------|--------------|
| XTR_FX_PERIOD_WEIGHTINGS_U1 | UNIQUE     | 1        | DEAL_TYPE    |
|                             |            | 2        | DEAL_SUBTYPE |
|                             |            | 6        | NOS_MONTHS   |

## XTR\_GROUP\_LIMITS

XTR\_GROUP\_LIMITS contains group limit information. Each row corresponds to a limit placed on a company against a counterparty group for a limit type. Currently, three limit types are derived from the FX\_INVEST\_FUND\_TYPE column in the XTR\_LIMIT\_TYPES table: 'F' (fund), 'I' (invest), and 'X' (foreign exchange), are derived from the XTR\_LIMIT\_TYPES table. The fourth limit type, 'XI' (foreign exchange and invest) is not derived from the XTR\_LIMIT\_TYPES table.

This table corresponds to the Group Limits tabbed region in the Limits window.

### Column Descriptions

| Name              | Null?    | Type         | Description   |
|-------------------|----------|--------------|---|
| AUDIT_INDICATOR   | NULL     | VARCHAR2(1)  | Not currently used  |
| AUTHORISED        | NULL     | VARCHAR2(1)  | Flag to indicate if the limit is authorized (Y), or not (N)       |
| COMPANY_CODE (PK) | NOT NULL | VARCHAR2(7)  | Company code  |
| CPARTY_CODE (PK)  | NOT NULL | VARCHAR2(7)  | Counterparty code   |
| CREATED_BY        | NOT NULL | VARCHAR2(30) | User who created this record                                      |
| CREATED_ON        | NOT NULL | DATE         | Date this record was created                                      |
| EXPIRY_DATE       | NULL     | DATE         | Expiration date for the limit                                     |
| LIMIT_AMOUNT      | NULL     | NUMBER       | Maximum amount allowed by the limit                               |
| LIMIT_TYPE (PK)   | NOT NULL | VARCHAR2(2)  | Limit categories to which the group limit belongs (F, I, X or XI) |
| UPDATED_BY        | NULL     | VARCHAR2(30) | User who last updated this record                                 |
| UPDATED_ON        | NULL     | DATE         | Date this record was last updated                                 |
| UTILISED_AMOUNT   | NULL     | NUMBER       | Total amount that deal transactions have applied to the limit     |

# XTR\_HOLIDAYS

XTR\_HOLIDAYS contains the holiday information for currencies. Each row corresponds to a holiday date for a currency. A currency can have many holiday dates.

This table corresponds to the Currency Holiday Dates window.

Foreign Keys

| Primary Key Table | Primary Key Column | Foreign Key Column |
|-------------------|--------------------|--------------------|
| XTR_HOLIDAY_RULES | CURRENCY           | CURRENCY           |

Column Descriptions

| Name              | Null?    | Type         | Description   |
|-------------------|----------|--------------|---|
| COMMENTS          | NULL     | VARCHAR2(20) | Holiday description   |
| CURRENCY (PK)     | NOT NULL | VARCHAR2(15) | Currency code   |
| DAY_DESC          | NULL     | DATE         | Day of the holiday  |
| HOLIDAY_DATE (PK) | NOT NULL | DATE         | Date of the holiday   |
| HOL_SEQ           | NOT NULL | NUMBER       | Holiday rule identifier (used to determine which dates corresponds to which rule) |

Indexes

| Index Name      | Index Type | Sequence | Column Name  |
|-----------------|------------|----------|--------------|
| XTR_HOLIDAYS_N1 | NOT UNIQUE | 2        | CURRENCY     |
| XTR_HOLIDAYS_U1 | UNIQUE     | 1        | HOLIDAY_DATE |
|                 |            | 2        | CURRENCY     |

Sequences

| Sequence       | Derived Column |
|----------------|----------------|
| XTR_HOLIDAYS_S | HOL_SEQ        |

## XTR\_HOLIDAY\_RULES

XTR\_HOLIDAY\_RULES stores information about rules for calculating holidays for each currency. Each row corresponds to a holiday rule for a currency. You can enter constant dates or define rules to generate a holiday schedule. Treasury stores this set of holiday dates in the XTR\_HOLIDAYS table.

This table corresponds to the Currency Holiday Rules window.

### Foreign Keys

| Primary Key Table     | Primary Key Column | Foreign Key Column |
|-----------------------|--------------------|--------------------|
| XTR_MASTER_CURRENCIES | CURRENCY           | CURRENCY           |

### Column Descriptions

| Name               | Null?    | Type         | Description   |
|--------------------|----------|--------------|---|
| CALCULATED_OUT_TO  | NULL     | DATE         | Date to which a holiday rule is calculated out                  |
| CURRENCY           | NOT NULL | VARCHAR2(15) | Currency code   |
| DAY_RULE           | NULL     | VARCHAR2(3)  | Day of the week of the holiday                                  |
| EXTRA_HOLIDAY_DAYS | NULL     | NUMBER       | Number of additional days that the holiday is observed          |
| HOLIDAY_DAY        | NULL     | NUMBER       | Date of the month of the holiday                                |
| HOLIDAY_DESC       | NOT NULL | VARCHAR2(20) | Holiday description   |
| HOLIDAY_MONTH      | NOT NULL | VARCHAR2(3)  | Month of the holiday  |
| HOLIDAY_RULE       | NULL     | NUMBER       | Week of the month for the holiday                               |
| HOLIDAY_TYPE       | NOT NULL | VARCHAR2(1)  | Type of holiday (Rule, One off, or Constant)                    |
| HOLIDAY_YEAR       | NULL     | NUMBER       | Year of the holiday   |
| HOL_SEQ            | NOT NULL | NUMBER       | Holiday rule identifier   |
| WEEKEND_ADJ        | NULL     | VARCHAR2(3)  | Day of the week to adjust the holiday if it occurs on a weekend |

---

## XTR\_IG\_BANK\_ACCOUNTS\_V

XTR\_IG\_BANK\_ACCOUNTS\_V contains intercompany bank account information. This bank account information is really a subset of columns from the XTR\_BANK\_ACCOUNTS table. Each row in the XTR\_IG\_BANK\_ACCOUNTS table corresponds to an intercompany bank account in the XTR\_BANK\_ACCOUNTS table. (An intercompany bank account is any account where the party who holds the bank account is cross-referenced to a company.)

This view corresponds to the Bank Accounts tabbed region in the Parties window where the party is cross referenced to a company and the Intercompany Accounts tabbed region in the Journal Entry Actions window.

### *View Definition*

```
CREATE VIEW XTR_IG_BANK_ACCOUNTS_V
as SELECT
    ba.rowid,
    ba.account_number,
    ba.party_code,
    ba.currency,
    ba.bank_name,
    ba.bank_short_code,
    ba.location,
    ba.street,
    ba.created_by,
    ba.created_on,
    ba.code_combination_id,
    ba.gl_company_code,
    ba.updated_by,
    ba.updated_on,
    ba.opening_balance,
    ba.opening_bal_hce,
    ba.statement_date,
    ba.default_acct,
    ba.party_type,
    ba.authorised,
    ba.setoff,
    ba.bank_code,
    ba.party_prin_ccid,
    ba.party_int_ccid,
    ba.internal_pty,
    ba.setoff_company,
    ba.setoff_account_yn,
    ba.interest_calculation_basis,
    ba.audit_indicator,
    ba.portfolio_code,
    ba.primary_settlement_method,
    ba.direct_debit_authority,
    ba.eft_script_name,
    ba.eft_script_output_path,
    ba.sub_account_at,
```

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```

ba.sub_account_number,
ba.cashflows_to_current_date,
ba.current_cashflow_date,
ba.projected_balance,
ba.projected_balance_date,
ba.projected_balance_updated_on,
ba.interest_rate,
pt.cross_ref_to_other_party,
pt.full_name

from xtr_bank_accounts ba,
     xtr_party_info pt
where pt.cross_ref_to_other_party is not null
and   pt.party_code = ba.party_code
and   pt.PARTY_TYPE = 'CP'

```

#### Column Descriptions

| Name                | Null?    | Type         | Description  |
|---------------------|----------|--------------|--|
| ROW_ID              | NULL     | ROWID        | Database row identifier  |
| ACCOUNT_NUMBER      | NOT NULL | VARCHAR2(20) | Alpha-numeric reference to financial accounts of Treasury parties          |
| PARTY_CODE          | NOT NULL | VARCHAR2(7)  | Party code   |
| CURRENCY            | NOT NULL | VARCHAR2(15) | Currency code  |
| BANK_NAME           | NULL     | VARCHAR2(50) | Bank name  |
| BANK_SHORT_CODE     | NOT NULL | VARCHAR2(7)  | Bank short code  |
| LOCATION            | NOT NULL | VARCHAR2(35) | Bank location  |
| STREET              | NOT NULL | VARCHAR2(35) | Street name  |
| CREATED_BY          | NOT NULL | VARCHAR2(30) | User who created this record   |
| CREATED_ON          | NOT NULL | DATE         | Date this record was created   |
| CODE_COMBINATION_ID | NULL     | NUMBER(15)   | Unique key for identifying GL account references                           |
| GL_COMPANY_CODE     | NULL     | VARCHAR2(7)  | General Ledger company code  |
| UPDATED_BY          | NULL     | VARCHAR2(30) | User who last updated this record  |
| UPDATED_ON          | NULL     | DATE         | Date this record was last updated  |
| OPENING_BALANCE     | NULL     | NUMBER       | Opening balance  |
| OPENING_BAL_HCE     | NULL     | NUMBER       | Opening balance in reporting currency equivalent                           |
| STATEMENT_DATE      | NULL     | DATE         | Statement date   |
| DEFAULT_ACCT        | NULL     | VARCHAR2(1)  | Flag to indicate if the account is the default account (Y), or not (N)     |
| PARTY_TYPE          | NULL     | VARCHAR2(2)  | Flag to indicate if the party is a company (C) or counterparty (CP)        |
| AUTHORISED          | NULL     | VARCHAR2(1)  | Flag to indicate if the bank account is authorized for use (Y), or not (N) |
| SETOFF              | NULL     | VARCHAR2(5)  | Setoff code of the nominal account   |
| BANK_CODE           | NULL     | VARCHAR2(7)  | Bank code  |

|                 |      |            |   |
|-----------------|------|------------|---|
| PARTY_PRIN_CCID | NULL | NUMBER(15) | Code combination identifier of the general ledger account used to account for the principal cash flows of an intercompany account |
|-----------------|------|------------|---|

*Column Descriptions (Continued)*

| Name                         | Null?    | Type          | Description  |
|------------------------------|----------|---------------|--|
| PARTY_INT_CCID               | NULL     | NUMBER(15)    | Code combination identifier of the general ledger account used to account for the interest cash flows of an intercompany account |
| INTERNAL_PTY                 | NULL     | VARCHAR       | Flag to indicate if the party is an internal party (Y), or not (N)   |
| SETOFF_COMPANY               | NULL     | VARCHAR2(7)   | Party code of the nominal account associated with this setoff account  |
| SETOFF_ACCOUNT_YN            | NULL     | VARCHAR2(1)   | Flag to indicate if the account is a nominal account (Y), or not (null)  |
| INTEREST_CALCULATION_BASIS   | NULL     | VARCHAR2(4)   | Interest calculation basis (STEP or FLAT)  |
| AUDIT_INDICATOR              | NULL     | VARCHAR2(1)   | Not currently used   |
| PORTFOLIO_CODE               | NULL     | VARCHAR2(7)   | Code for grouping deals under a single portfolio   |
| PRIMARY_SETTLEMENT_METHOD    | NULL     | VARCHAR2(15)  | Not currently used   |
| DIRECT_DEBIT_AUTHORITY       | NULL     | VARCHAR2(1)   | Flag to indicate whether the company has direct debit authority to this account (Y), or not (N)                                  |
| EFT_SCRIPT_NAME              | NULL     | VARCHAR2(50)  | Settlement script  |
| EFT_SCRIPT_OUTPUT_PATH       | NULL     | VARCHAR2(50)  | EFT script output path   |
| SUB_ACCOUNT_AT               | NULL     | VARCHAR2(100) | Not currently used   |
| SUB_ACCOUNT_NUMBER           | NULL     | VARCHAR2(20)  | Not currently used   |
| CASHFLOWS_TO_CURRENT_DATE    | NULL     | NUMBER        | Not currently used   |
| CURRENT_CASHFLOW_DATE        | NULL     | DATE          | Not currently used   |
| PROJECTED_BALANCE            | NULL     | NUMBER        | Projected balance of bank account based on future recorded cashflows   |
| PROJECTED_BALANCE_DATE       | NULL     | DATE          | Projected balance date   |
| PROJECTED_BALANCE_UPDATED_ON | NULL     | DATE          | Date the projected balance was last updated  |
| INTEREST_RATE                | NULL     | NUMBER        | Interest rate  |
| CROSS_REF_TO_OTHER_PARTY     | NULL     | VARCHAR2(7)   | Party cross reference  |
| PARTY_NAME                   | NOT NULL | VARCHAR2(50)  | Full name of a party   |

## XTR\_IMPORT\_TRAILER\_DETAILS

XTR\_IMPORT\_TRAILER\_DETAILS contains summary information of successful transfers from the XTR\_EXT\_IMPORT\_INTERFACE table to the XTR\_PAY\_REC\_RECONCILIATION table. Each row corresponds to a successfully transferred statement. The summary information contained in this table includes the account number, statement, or creation, date, currency, import source, and import reference number. Each statement line transferred has its information and its import reference number inserted into the XTR\_PAY\_REC\_RECONCILIATION table. The import reference number allows you to trace the statement line in the XTR\_PAY\_REC\_RECONCILIATION table back to the statement transfer in this table.

### Column Descriptions

| Name                   | Null?    | Type         | Description   |
|------------------------|----------|--------------|---|
| ACCOUNT_NUMBER         | NULL     | VARCHAR2(20) | Alpha-numeric reference to financial accounts of Treasury parties |
| AMOUNT                 | NULL     | NUMBER       | Not currently used  |
| CREATION_DATE          | NOT NULL | DATE         | Date the transfer is made   |
| CREDIT_AMOUNT          | NULL     | NUMBER       | Not currently used  |
| CURRENCY               | NULL     | VARCHAR2(15) | Currency code   |
| DEBIT_AMOUNT           | NULL     | NUMBER       | Not currently used  |
| IMPORT_REFERENCE (PK)  | NOT NULL | NUMBER       | Unique reference for the statement transfer                       |
| NUMBER_OF_TRANSACTIONS | NULL     | NUMBER       | Not currently used  |
| SOURCE                 | NOT NULL | VARCHAR2(20) | Reconciliation import source                                      |
| VALUE_DATE             | NULL     | DATE         | Not currently used  |

### Indexes

| Index Name                    | Index Type | Sequence | Column Name      |
|-------------------------------|------------|----------|------------------|
| XTR_IMPORT_TRAILER_DETAILS_N1 | NOT UNIQUE | 5        | IMPORT_REFERENCE |
| XTR_IMPORT_TRAILER_DETAILS_N2 | NOT UNIQUE | 10       | SOURCE           |

## XTR\_IMPORT\_TRANSFER\_ERRORS

XTR\_IMPORT\_TRANSFER\_ERRORS contains the error information associated with a failed statement transfer. Each row in this table stores the statement header information, including the import source, creation date and currency, as well as the reason for the error.

### Column Descriptions

| Name               | Null?    | Type          | Description   |
|--------------------|----------|---------------|---|
| COMMENTS           | NULL     | VARCHAR2(255) | Error description   |
| CREATION_DATE (PK) | NOT NULL | DATE          | Date the error was recorded   |
| CURRENCY           | NOT NULL | VARCHAR2(15)  | Currency code   |
| NET_AMOUNT         | NULL     | NUMBER        | Amount difference between the statement net total amount from the statement lines and the trailer net total |
| NET_CREDIT_AMOUNT  | NULL     | NUMBER        | Amount difference between the statement total credit amount and the trailer total credit amount             |
| NET_DEBIT_AMOUNT   | NULL     | NUMBER        | Amount difference between the statement total debit amount and the trailer total debit amount               |
| NET_TRANS_NOS      | NULL     | NUMBER        | Difference between the number of lines in the statement and the trailer total number of transactions        |
| SOURCE (PK)        | NOT NULL | VARCHAR2(20)  | Reconciliation import source  |
| TRANSFER_BY        | NOT NULL | VARCHAR2(10)  | User who initiated the transfer from the interface table  |
| TRANSFER_ON        | NOT NULL | DATE          | Date of transfer from interface table   |

## XTR\_INTEREST\_RATE\_BANDS

XTR\_INTEREST\_RATE\_BANDS contains the detailed time frame associated with the interest rate policies defined in the XTR\_INTEREST\_RATE\_POLICY table. Each row includes the currency, the period band reference, the time frame, and the percentage of total maturities that are associated with the time frame. After selecting the currency and the invest/fund type, you can establish the percentage of maturities which you want to occur during certain time frames. The period band reference in this table is a concatenation of an investment type (FUND, INVEST, or FX) and a currency. If the period band reference in a row of this table matches the period band reference of a row in the XTR\_INTEREST\_RATE\_POLICY table, then that interest rate band is part of that interest rate policy.

This table corresponds to the Band Details region of the Interest Rate Policies window.

### Foreign Keys

| Primary Key Table        | Primary Key Column    | Foreign Key Column    |
|--------------------------|-----------------------|-----------------------|
| XTR_INTEREST_RATE_POLICY | PERIOD_BAND_REFERENCE | PERIOD_BAND_REFERENCE |
| XTR_MASTER_CURRENCIES    | CURRENCY              | CURRENCY              |

### Column Descriptions

| Name                        | Null?    | Type         | Description   |
|-----------------------------|----------|--------------|---|
| CURRENCY                    | NULL     | VARCHAR2(15) | Currency code   |
| FX_PERCENT_MAX              | NULL     | NUMBER       | Maximum percentage for foreign exchange type policy band                        |
| FX_PERCENT_MIN              | NULL     | NUMBER       | Minimum percentage for foreign exchange type policy band                        |
| PERCENT_MAX_MATURING        | NULL     | NUMBER       | Maximum percentage band for the certain period                                  |
| PERIOD_BAND_REFERENCE       | NOT NULL | VARCHAR2(20) | Concatenation of an investment category (INVEST, FUND, or FX) and currency code |
| PERIOD_DESC                 | NULL     | VARCHAR2(20) | Description for the period  |
| PERIOD_FROM                 | NULL     | NUMBER       | Period that the interest rate band begins to apply                              |
| PERIOD_TO                   | NULL     | NUMBER       | Period that the interest rate band no longer applies                            |
| TYPE_PERIOD_FROM_MONTH_YEAR | NULL     | VARCHAR2(1)  | Type of from period (Month or Year)   |
| TYPE_PERIOD_TO_MONTH_YEAR   | NULL     | VARCHAR2(1)  | Type of to period (Month or Year)   |

# XTR\_INTEREST\_RATE\_POLICY

XTR\_INTEREST\_RATE\_POLICY contains the minimum and maximum percentage of your total funding or investment deals that can be associated with a fixed interest rate. Each row contains a currency, a fund/investment type, and the minimum and maximum percentage for funding or investment deals. A currency can have many interest rate policies. The PERIOD\_BAND\_REFERENCE column in this table is a concatenation of an investment types (FUND or INVEST) and the currency for an interest rate policy.

This table corresponds to the Policy Details region of the Interest Rate Policies window.

### Foreign Keys

| Primary Key Table     | Primary Key Column | Foreign Key Column |
|-----------------------|--------------------|--------------------|
| XTR_MASTER_CURRENCIES | CURRENCY           | CURRENCY           |

### Column Descriptions

| Name                  | Null?    | Type         | Description  |
|-----------------------|----------|--------------|--|
| CURRENCY              | NOT NULL | VARCHAR2(15) | Currency code  |
| INVEST_FUND           | NULL     | VARCHAR2(6)  | Flag indicates if the type is INVEST or FUND                           |
| MAXIMUM_FIXED         | NULL     | NUMBER       | Maximum percentage for the fixed rate                                  |
| MINIMUM_FIXED         | NULL     | NUMBER       | Minimum percentage for the fixed rate                                  |
| PERIOD_BAND_REFERENCE | NULL     | VARCHAR2(20) | Concatenation of an investment type (INVEST or FUND) and currency code |
| POLICY_NAME           | NULL     | VARCHAR2(30) | Name of interest rate policy   |

### Indexes

| Index Name                  | Index Type | Sequence | Column Name |
|-----------------------------|------------|----------|-------------|
| XTR_INTEREST_RATE_POLICY_U1 | UNIQUE     | 1        | INVEST_FUND |
|                             |            | 2        | CURRENCY    |

## XTR\_INTEREST\_RATE\_RANGES

XTR\_INTEREST\_RATE\_RANGES contains interest rate information for bank accounts as well as global and specific interest rate information for intercompany funding deals. Each row corresponds to an amount range to which an interest rate applies for a given bank account and party or bank code. For bank accounts, each row contains the bank code and bank account number. For counterparty settlement accounts, each row contains the counterparty code and settlement account number. For intercompany funding deals, each row contains the company and counterparty code for global and specific interest, respectively, and the account number IG\_PRO1075.

This table corresponds to the Bank Account Interest Rates window.

### Foreign Keys

| Primary Key Table | Primary Key Column           | Foreign Key Column     |
|-------------------|------------------------------|------------------------|
| XTR_BANK_ACCOUNTS | ACCOUNT_NUMBER<br>PARTY_CODE | REF_CODE<br>PARTY_CODE |

### Column Descriptions

| Name                | Null?    | Type         | Description  |
|---------------------|----------|--------------|--|
| CURRENCY            | NOT NULL | VARCHAR2(15) | Currency code  |
| EFFECTIVE_FROM_DATE | NULL     | DATE         | Effective date for the particular amount and interest rate |
| INTEREST_RATE       | NULL     | NUMBER       | Interest rate at which a deal or transaction is executed   |
| MAX_AMT             | NULL     | NUMBER       | Maximum amount   |
| MIN_AMT             | NULL     | NUMBER       | Minimum amount   |
| PARTY_CODE          | NOT NULL | VARCHAR2(7)  | Party code   |
| REF_CODE            | NOT NULL | VARCHAR2(20) | Reference account number code                              |

### Indexes

| Index Name                  | Index Type | Sequence | Column Name         |
|-----------------------------|------------|----------|---------------------|
| XTR_INTEREST_RATE_RANGES_U1 | UNIQUE     | 1        | EFFECTIVE_FROM_DATE |
|                             |            | 2        | PARTY_CODE          |
|                             |            | 3        | CURRENCY            |
|                             |            | 4        | REF_CODE            |
|                             |            | 5        | MIN_AMT             |
|                             |            | 6        | MAX_AMT             |

## XTR\_INTERGROUP\_TRANSFERS

XTR\_INTERGROUP\_TRANSFERS contains information on intercompany loans or deposits. Each row corresponds to a loan or a deposit between a company and a subsidiary.

This table corresponds to the Intercompany Funding window.

### Column Descriptions

| Name                  | Null?    | Type          | Description   |
|-----------------------|----------|---------------|---|
| ACCT_REF              | NULL     | VARCHAR2(7)   | Account reference   |
| ACCUM_INTEREST_BF     | NULL     | NUMBER        | Accumulated interest  |
| ACCUM_INTEREST_BF_HCE | NULL     | NUMBER        | Accumulated interest in reporting currency equivalent             |
| AUDIT_INDICATOR       | NULL     | VARCHAR2(1)   | Not currently used  |
| BALANCE_BF            | NULL     | NUMBER        | Previous balance brought forward                                  |
| BALANCE_BF_HCE        | NULL     | NUMBER        | Previous balance brought forward in reporting currency equivalent |
| BALANCE_OUT           | NULL     | NUMBER        | Balance amount  |
| BALANCE_OUT_HCE       | NULL     | NUMBER        | Balance amount in reporting currency equivalent                   |
| COMMENTS              | NULL     | VARCHAR2(255) | Comments  |
| COMPANY_ACCOUNT_NO    | NULL     | VARCHAR2(20)  | Company financial account number                                  |
| COMPANY_CODE          | NOT NULL | VARCHAR2(7)   | Company code  |
| CREATED_BY            | NULL     | VARCHAR2(30)  | User who created this record                                      |
| CREATED_ON            | NULL     | DATE          | Date this record was created                                      |
| CURRENCY              | NOT NULL | VARCHAR2(15)  | Currency code   |
| DEAL_NUMBER (PK)      | NOT NULL | NUMBER        | Unique number assigned to each deal                               |
| DEAL_TYPE             | NOT NULL | VARCHAR2(7)   | Code for high level deals   |
| INTEREST              | NULL     | NUMBER        | Interest amount   |
| INTEREST_HCE          | NULL     | NUMBER        | Interest amount in reporting currency equivalent                  |
| INTEREST_RATE         | NULL     | NUMBER        | Interest rate at which a deal or transaction is executed          |
| INTEREST_SETTLED      | NULL     | NUMBER        | Interest settlement   |
| INTEREST_SETTLED_HCE  | NULL     | NUMBER        | Interest settlement in reporting currency equivalent              |
| LIMIT_CODE            | NULL     | VARCHAR2(7)   | Code for user-defined limits imposed on deals and transactions    |
| NO_OF_DAYS            | NULL     | NUMBER        | Number of days  |
| PARTY_ACCOUNT_NO      | NULL     | VARCHAR2(20)  | Counterparty financial account number                             |
| PARTY_CODE            | NOT NULL | VARCHAR2(7)   | Party code  |
| PORTFOLIO             | NULL     | VARCHAR2(7)   | Code for grouping deals under a single portfolio                  |
| PRINCIPAL_ACTION      | NULL     | VARCHAR2(7)   | Indicates if a principal is paid (PAY) or received (REC)          |
| PRINCIPAL_ADJUST      | NULL     | NUMBER        | Principal adjustment amount                                       |
| PRINCIPAL_ADJUST_HCE  | NULL     | NUMBER        | Principal adjustment amount in reporting currency equivalent      |
| PRODUCT_TYPE          | NULL     | VARCHAR2(10)  | Code for products used in a deal type                             |
| SETTLE_DATE           | NULL     | DATE          | Date the transfer is settled                                      |

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*Column Descriptions (Continued)*

| Name                    | Null?    | Type         | Description                                       |
|-------------------------|----------|--------------|---|
| TRANSACTION_NUMBER (PK) | NOT NULL | NUMBER       | Unique reference number assigned to a transaction |
| TRANSFER_DATE           | NOT NULL | DATE         | Date the transfer occurred                        |
| UPDATED_BY              | NULL     | VARCHAR2(30) | User who last updated this record                 |
| UPDATED_ON              | NULL     | DATE         | Date this record was last updated                 |
| ACCRUAL_INTEREST        | NULL     | NUMBER       | Running accumulated interest                      |

*Indexes*

| Index Name                  | Index Type | Sequence | Column Name        |
|-----------------------------|------------|----------|--------------------|
| XTR_INTERGROUP_TRANSFERS_N1 | NOT UNIQUE | 2        | PARTY_CODE         |
|                             |            | 4        | TRANSFER_DATE      |
| XTR_INTERGROUP_TRANSFERS_N2 | NOT UNIQUE | 5        | COMPANY_CODE       |
|                             |            | 5        | PARTY_CODE         |
|                             |            | 5        | CURRENCY           |
| XTR_INTERGROUP_TRANSFERS_U1 | UNIQUE     | 2        | DEAL_NUMBER        |
|                             |            | 4        | TRANSACTION_NUMBER |

*Database Triggers*

Trigger Name : XTR\_AU\_INTERGROUP\_TRANSFERS\_T  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

This after update trigger maintains the audit table for intergroup transfers as well as the position history table.

Trigger Name : XTR\_AID\_INTERGROUP\_TRANSFERS\_T  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : INSERT, DELETE

This after insert or delete trigger maintains the position history table.

## XTR\_JOURNALS

XTR\_JOURNALS contains the detailed journal entries created in Treasury. Journals are adjusted to deals before they are downloaded to General Ledger. This table corresponds to the Daily Journals window.

### Foreign Keys

| Primary Key Table    | Primary Key Column  | Foreign Key Column  |
|----------------------|---------------------|---------------------|
| GL_CODE_COMBINATIONS | CODE_COMBINATION_ID | CODE_COMBINATION_ID |
| GL_SETS_OF_BOOKS     | SET_OF_BOOKS_ID     | SET_OF_BOOKS_ID     |

### Column Descriptions

| Name                    | Null?    | Type          | Description   |
|-------------------------|----------|---------------|---|
| AMOUNT_TYPE             | NULL     | VARCHAR2(7)   | Code that identifies the purpose of the amounts for a deal type   |
| AUDIT_INDICATOR         | NULL     | VARCHAR2(1)   | Not currently used  |
| CANCELLED_IN_GL         | NULL     | VARCHAR2(1)   | Flag to indicate if a reversing entry was created for the entry due to cancellation of a deal after the journal entry has been transferred to the GL interface table (Y), or not (null) |
| COMMENTS                | NULL     | VARCHAR2(255) | Comments  |
| COMPANY_CODE            | NOT NULL | VARCHAR2(7)   | Company code  |
| CREATED_BY              | NOT NULL | VARCHAR2(30)  | User who created this record  |
| CREATED_ON              | NOT NULL | DATE          | Date this record was created  |
| CREDIT_AMOUNT           | NULL     | NUMBER        | Credit amount   |
| CURRENCY                | NULL     | VARCHAR2(15)  | Currency code   |
| DEAL_NUMBER             | NOT NULL | NUMBER        | Unique number assigned to each deal   |
| DEAL_SUBTYPE            | NULL     | VARCHAR2(7)   | Code for deal executions permissible within a deal type   |
| DEAL_TYPE               | NULL     | VARCHAR2(7)   | Code for high level deals   |
| DEBIT_AMOUNT            | NULL     | NUMBER        | Debit amount  |
| CODE_COMBINATION_ID     | NOT NULL | NUMBER(15)    | Unique key for identifying GL account references  |
| GL_TRANSFER_DATE        | NULL     | DATE          | Date the journal entry was transferred to GL interface table  |
| JNL_REVERSAL_IND        | NULL     | VARCHAR2(1)   | Flag to indicate the journal entry has been reversed due to either the cancellation of a deal (C) or the creation of a reversal entry (R)   |
| JOURNAL_DATE            | NOT NULL | DATE          | Effective date of the journal transaction   |
| PORTFOLIO_CODE          | NULL     | VARCHAR2(7)   | Code for grouping deals under a single portfolio  |
| PRODUCT_TYPE            | NULL     | VARCHAR2(10)  | Code for products used in a deal type   |
| TRANSACTION_NUMBER      | NOT NULL | NUMBER        | Unique reference number assigned to a transaction   |
| TRANSFER_TO_EXTERNAL_GL | NULL     | DATE          | Date the journal entry was transferred to the GL interface table (null values indicate that the entry has not been transferred)   |

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### Column Descriptions (Continued)

| Name              | Null?    | Type         | Description  |
|-------------------|----------|--------------|--|
| UPDATED_BY        | NULL     | VARCHAR2(30) | User who last updated this record  |
| UPDATED_ON        | NULL     | DATE         | Date this record was last updated  |
| SET_OF_BOOKS_ID   | NOT NULL | NUMBER(15)   | Accounting books defining column   |
| SUSPENSE_GL       | NULL     | VARCHAR2(1)  | Flag to indicate if entry is booked to the company's default suspense account (Y), or not (null) |
| ACCOUNTED_DR      | NULL     | NUMBER       | Debit amount in Set of Books currency  |
| ACCOUNTED_CR      | NULL     | NUMBER       | Credit amount in Set of Books currency   |
| GL_SL_LINK_ID     | NULL     | NUMBER(15)   | Unique id which identifies the journal line for future GL drill down function                    |
| SETTLEMENT_NUMBER | NULL     | NUMBER       | Unique reference number assigned to a settlement   |

### Indexes

| Index Name      | Index Type | Sequence | Column Name         |
|-----------------|------------|----------|---------------------|
| XTR_JOURNALS_N1 | NOT UNIQUE | 2        | CODE_COMBINATION_ID |
| XTR_JOURNALS_N2 | NOT UNIQUE | 1        | CURRENCY            |
|                 |            | 2        | AMOUNT_TYPE         |
| XTR_JOURNALS_N3 | NOT UNIQUE | 2        | DEAL_NUMBER         |
|                 |            | 4        | TRANSACTION_NUMBER  |
| XTR_JOURNALS_U1 | UNIQUE     | 1        | JOURNAL_DATE        |
|                 |            | 2        | COMPANY_CODE        |
|                 |            | 3        | CURRENCY            |
|                 |            | 4        | DEAL_NUMBER         |
|                 |            | 5        | TRANSACTION_NUMBER  |
|                 |            | 7        | SETTLEMENT_NUMBER   |
|                 |            | 8        | AMOUNT_TYPE         |
|                 |            | 9        | CODE_COMBINATION_ID |
|                 |            | 10       | DEBIT_AMOUNT        |
|                 |            | 11       | CREDIT_AMOUNT       |
|                 |            | 12       | JNL_REVERSAL_IND    |

### Sequences

| Sequence         | Derived Column |
|------------------|----------------|
| XTR_AE_LINK_ID_S | GL_SL_LINK_ID  |

### Database Triggers

Trigger Name : XTR\_AU\_JOURNALS\_T  
 Trigger Time : AFTER  
 Trigger Level : ROW  
 Trigger Event : UPDATE

This after update trigger maintains the audit table for journals.

# XTR\_JOURNAL\_COMBINATIONS\_V

XTR\_JOURNAL\_COMBINATIONS\_V contains your defined journal combinations. Each row contains the company, deal type, deal subtype, product type, and portfolio for a journal entry action. This table is used to set the default values for a new journal entry action that has the same company, deal type, and deal subtype information as an existing journal entry action.

This view corresponds to the Available Journals for Copy window in the Journal Structure tabbed region of the Journal Entry Actions window.

```
View Definition
CREATE VIEW XTR_JOURNAL_COMBINATIONS_V
as SELECT
    distinct
    a.COMPANY_CODE,
    a.DEAL_TYPE,
    dt.USER_DEAL_TYPE,
    a.DEAL_SUBTYPE,
    st.USER_DEAL_SUBTYPE,
    a.PRODUCT_TYPE,
    a.PORTFOLIO_CODE

    from XTR_JOURNAL_ENTRY_ACTIONS a,
         XTR_DEAL_TYPES dt,
         XTR_DEAL_SUBTYPES st
where   a.DEAL_TYPE = dt.DEAL_TYPE
AND     (a.DEAL_TYPE = st.DEAL_TYPE AND
         a.DEAL_SUBTYPE = st.DEAL_SUBTYPE)
```

Column Descriptions

| Name              | Null?    | Type         | Description   |
|-------------------|----------|--------------|---|
| COMPANY_CODE      | NOT NULL | VARCHAR2(7)  | Company code  |
| DEAL_TYPE         | NOT NULL | VARCHAR2(7)  | Code for high level deals                               |
| USER_DEAL_TYPE    | NOT NULL | VARCHAR2(7)  | User-defined deal type code                             |
| DEAL_SUBTYPE      | NOT NULL | VARCHAR2(7)  | Code for deal executions permissible within a deal type |
| USER_DEAL_SUBTYPE | NOT NULL | VARCHAR2(7)  | User-defined deal subtype code                          |
| PRODUCT_TYPE      | NULL     | VARCHAR2(10) | Code for products used in a deal type                   |
| PORTFOLIO_CODE    | NULL     | VARCHAR2(7)  | Code for grouping deals under a single portfolio        |

## XTR\_JOURNAL\_ENTRY\_ACTIONS

XTR\_JOURNAL\_ENTRY\_ACTIONS contains the structure used to create journals in Treasury. Each row corresponds to a combination of company, deal type, deal subtype, product type and portfolio.

This table corresponds to the multi-row block of the Journal Structures tabbed region on the Journal Entry Actions window.

### Foreign Keys

| Primary Key Table    | Primary Key Column                      | Foreign Key Column                      |
|----------------------|---|---|
| GL_CODE_COMBINATIONS | CODE_COMBINATION_ID                     | CODE_COMBINATION_ID                     |
| XTR_AMOUNT_ACTIONS   | DEAL_TYPE<br>AMOUNT_TYPE<br>ACTION_CODE | DEAL_TYPE<br>AMOUNT_TYPE<br>ACTION_CODE |
| XTR_AMOUNT_TYPES     | AMOUNT_TYPE<br>DEAL_TYPE                | AMOUNT_TYPE<br>DEAL_TYPE                |
| XTR_DATE_TYPES       | DATE_TYPE<br>DEAL_TYPE                  | DATE_TYPE<br>DEAL_TYPE                  |
| XTR_GL_REFERENCES    | CODE_COMBINATION_ID                     | CODE_COMBINATION_ID                     |

### Column Descriptions

| Name                    | Null?    | Type          | Description   |
|-------------------------|----------|---------------|---|
| ACTION_CODE             | NULL     | VARCHAR2(7)   | Code for actions involved in executing deals  |
| AMOUNT_TYPE             | NOT NULL | VARCHAR2(7)   | Code that identifies the purpose of the amounts for a deal type   |
| AUDIT_INDICATOR         | NULL     | VARCHAR2(1)   | Not currently used  |
| COMMENTS                | NULL     | VARCHAR2(255) | Comments for the journal entry details  |
| COMPANY_CODE            | NOT NULL | VARCHAR2(7)   | Company code  |
| CREATED_BY              | NOT NULL | VARCHAR2(30)  | User who created this record  |
| CREATED_ON              | NOT NULL | DATE          | Date this record was created  |
| CREDIT_OR_DEBIT         | NOT NULL | VARCHAR2(2)   | Flag to indicate if a GL account is to be debited (DR) or credited (CR)   |
| DATE_TYPE               | NOT NULL | VARCHAR2(7)   | Date type tied to specific deal types (for example, accrual, maturity, start, and dealt dates)  |
| DEAL_SUBTYPE            | NOT NULL | VARCHAR2(7)   | Code for deal executions permissible within a deal type   |
| DEAL_TYPE               | NOT NULL | VARCHAR2(7)   | Code for high level deals   |
| GET_PRIN_CCID_FROM_DEAL | NOT NULL | VARCHAR2(1)   | Flag indicating GL account used should be the principal GL account associated with the intercompany counterparty for the deal (Y), or not (N) |
| GET_INT_CCID_FROM_DEAL  | NOT NULL | VARCHAR2(1)   | Flag indicating GL account used should be the interest GL account associated with the intercompany counterparty for the deal (Y), or not (N)  |
| CODE_COMBINATION_ID     | NULL     | NUMBER(15)    | Comments for the journal entry details  |

|                  |                      |   |
|------------------|----------------------|---|
| GET_GL_FROM_DEAL | NOT NULL VARCHAR2(1) | Flag indicating GL account used should be the one associated with the company's bank account for the deal (Y), or not (N) |
|------------------|----------------------|---|

*Column Descriptions (Continued)*

| Name           | Null? | Type         | Description                                      |
|----------------|-------|--------------|--|
| PARTY_GL       | NULL  | VARCHAR2(1)  | Not currently used                               |
| PORTFOLIO_CODE | NULL  | VARCHAR2(7)  | Code for grouping deals under a single portfolio |
| PRODUCT_TYPE   | NULL  | VARCHAR2(10) | Code for products used in a deal type            |
| UPDATED_BY     | NULL  | VARCHAR2(30) | User who last updated this record                |
| UPDATED_ON     | NULL  | DATE         | Date this record was last updated                |

*Indexes*

| Index Name                   | Index Type | Sequence | Column Name             |
|------------------------------|------------|----------|-------------------------|
| XTR_JOURNAL_ENTRY_ACTIONS_N1 | NOT UNIQUE | 2        | ACTION_CODE             |
|                              |            | 4        | AMOUNT_TYPE             |
|                              |            | 6        | DEAL_TYPE               |
| XTR_JOURNAL_ENTRY_ACTIONS_N2 | NOT UNIQUE | 1        | DEAL_TYPE               |
|                              |            | 2        | DEAL_SUBTYPE            |
| XTR_JOURNAL_ENTRY_ACTIONS_N3 | NOT UNIQUE | 2        | COMPANY_CODE            |
| XTR_JOURNAL_ENTRY_ACTIONS_N4 | NOT UNIQUE | 2        | AMOUNT_TYPE             |
|                              |            | 4        | DEAL_TYPE               |
| XTR_JOURNAL_ENTRY_ACTIONS_N5 | NOT UNIQUE | 2        | DATE_TYPE               |
|                              |            | 4        | DEAL_TYPE               |
| XTR_JOURNAL_ENTRY_ACTIONS_N6 | NOT UNIQUE | 1        | CODE_COMBINATION_ID     |
|                              |            | 2        | COMPANY_CODE            |
| XTR_JOURNAL_ENTRY_ACTIONS_N7 | NOT UNIQUE | 1        | PRODUCT_TYPE            |
|                              |            | 2        | PORTFOLIO_CODE          |
|                              |            | 3        | AMOUNT_TYPE             |
|                              |            | 4        | DATE_TYPE               |
|                              |            | 5        | DEAL_TYPE               |
|                              |            | 6        | DEAL_SUBTYPE            |
|                              |            | 7        | CREDIT_OR_DEBIT         |
|                              |            | 8        | ACTION_CODE             |
|                              |            | 10       | GET_GL_FROM_DEAL        |
|                              |            | 11       | CODE_COMBINATION_ID     |
|                              |            | 12       | COMPANY_CODE            |
|                              |            | 13       | GET_PRIN_CCID_FROM_DEAL |
|                              |            | 14       | GET_INT_CCID_FROM_DEAL  |

*Database Triggers*

Trigger Name : XTR\_AU\_JOURNAL\_ENTRY\_ACTIONS\_T  
 Trigger Time : AFTER  
 Trigger Level : ROW  
 Trigger Event : UPDATE

This after update trigger maintains the audit table for journal entry actions.

## XTR\_LAYOUT\_TEMPLATE

XTR\_LAYOUT\_TEMPLATE contains information about confirmation letter templates. Each row corresponds to a template and includes the template name, template type, and deal action type. It also indicates whether the template is a default template or not.

### Foreign Keys

| Primary Key Table       | Primary Key Column | Foreign Key Column |
|-------------------------|--------------------|--------------------|
| XTR_LAYOUT_WHERE_CLAUSE | TEMPLATE_TYPE      | TEMPLATE_TYPE      |

### Column Descriptions

| Name                    | Null?    | Type          | Description  |
|-------------------------|----------|---------------|--|
| ACTION_TYPE             | NOT NULL | VARCHAR2(50)  | Deal action type   |
| CLIENT_LETTER           | NULL     | VARCHAR2(1)   | Not currently used   |
| CLIENT_OR_CPARTY_LETTER | NOT NULL | VARCHAR2(2)   | Flag to indicate if a confirmation is a client (C) or counterparty letter (CP) |
| CURRENT_TEMPLATE_YN     | NULL     | VARCHAR2(1)   | Flag to indicate if the template is the default template (Y), or not (N)       |
| DESCRIPTION             | NULL     | VARCHAR2(100) | Not currently used   |
| REPORT_NAME             | NULL     | VARCHAR2(200) | Not currently used   |
| REPORT_SUB              | NULL     | VARCHAR2(200) | Not currently used   |
| REPORT_TYPE             | NOT NULL | VARCHAR2(1)   | Report type  |
| TEMPLATE_NAME (PK)      | NOT NULL | VARCHAR2(24)  | Template name  |
| TEMPLATE_TYPE           | NOT NULL | VARCHAR2(50)  | Template type  |
| VIEW_EXISTS_YN          | NULL     | VARCHAR2(1)   | Flag to indicate if the view has been created for the template (Y), or not (N) |
| WHEN_CREATED            | NULL     | DATE          | Date this record was created   |
| WHO_CREATED             | NULL     | VARCHAR2(30)  | User who created this record   |

### Indexes

| Index Name             | Index Type | Sequence | Column Name   |
|------------------------|------------|----------|---------------|
| XTR_LAYOUT_TEMPLATE_U1 | UNIQUE     | 2        | TEMPLATE_NAME |

# XTR\_LAYOUT\_TEMPLATE\_LINE

XTR\_LAYOUT\_TEMPLATE\_LINE contains the text for each line of your confirmation letter templates. Each row corresponds to one row of text in a confirmation letter template and includes any common variables that appear in that row. Once you complete the confirmation letter template details and make a template, Treasury takes the rows for that template from this table and combines them with the SQL select statement from the XTR\_LAYOUT\_WHERE\_CLAUSE table to create the template view.

Foreign Keys

| Primary Key Table   | Primary Key Column | Foreign Key Column |
|---------------------|--------------------|--------------------|
| XTR_LAYOUT_TEMPLATE | TEMPLATE_NAME      | TEMPLATE_NAME      |

Column Descriptions

| Name               | Null?    | Type           | Description   |
|--------------------|----------|----------------|---|
| CODED_TEXT         | NULL     | VARCHAR2(2000) | Template line text in SQL coded format                |
| FIELD_FORMAT       | NULL     | VARCHAR2(25)   | Not currently used                                    |
| FIELD_NAME         | NOT NULL | VARCHAR2(50)   | Name of the template line                             |
| FIELD_SIZE         | NULL     | NUMBER         | Not currently used                                    |
| FIELD_TITLE        | NULL     | VARCHAR2(50)   | Not currently used                                    |
| FIELD_TYPE         | NULL     | VARCHAR2(15)   | Not currently used                                    |
| GRP_MARK           | NULL     | VARCHAR2(1)    | Not currently used                                    |
| ORDER_NO (PK)      | NOT NULL | NUMBER(3)      | Number that determines the order of the template line |
| PREVIEW_TEXT       | NULL     | VARCHAR2(255)  | No currently used                                     |
| PRT_MARK           | NULL     | VARCHAR2(1)    | Not currently used                                    |
| SUM_MARK           | NULL     | VARCHAR2(1)    | Not currently used                                    |
| TEMPLATE_NAME (PK) | NOT NULL | VARCHAR2(24)   | Not currently used                                    |
| USER_TEXT          | NULL     | VARCHAR2(255)  | Template line text                                    |



## XTR\_LAYOUT\_VALUES

XTR\_LAYOUT\_VALUES contains the common variables (or columns from which the values will derive from) for your confirmation letter templates. Each row corresponds to a variable (column) of a template type, and includes the column name, description, data type, and length.

### Foreign Keys

| Primary Key Table       | Primary Key Column | Foreign Key Column |
|-------------------------|--------------------|--------------------|
| XTR_LAYOUT_WHERE_CLAUSE | TEMPLATE_TYPE      | TEMPLATE_TYPE      |

### Column Descriptions

| Name               | Null?    | Type          | Description                                      |
|--------------------|----------|---------------|--|
| COL_VALUE          | NOT NULL | VARCHAR2(200) | Column (common variable) name in SQL text format |
| DESCRIPTION        | NOT NULL | VARCHAR2(50)  | Column (common variable) description             |
| FIELD_FORMAT       | NULL     | VARCHAR2(25)  | Format mask for the column (common variable)     |
| FIELD_NAME (PK)    | NOT NULL | VARCHAR2(50)  | Column (common variable) name                    |
| FIELD_TYPE         | NULL     | VARCHAR2(15)  | Column (common variable) data type               |
| LENGTH             | NOT NULL | NUMBER        | Data length of the column (common variable)      |
| TEMPLATE_TYPE (PK) | NOT NULL | VARCHAR2(50)  | Template type                                    |
| VIEW_SUBSECTION    | NULL     | NUMBER        | Not currently used                               |

### Indexes

| Index Name           | Index Type | Sequence | Column Name   |
|----------------------|------------|----------|---------------|
| XTR_LAYOUT_VALUES_U1 | UNIQUE     | 1        | TEMPLATE_TYPE |
|                      |            | 2        | FIELD_NAME    |
| XTR_LAYOUT_VALUES_U2 | UNIQUE     | 2        | TEMPLATE_TYPE |
|                      |            | 4        | DESCRIPTION   |

## XTR\_LAYOUT\_WHERE\_CLAUSE

XTR\_LAYOUT\_WHERE\_CLAUSE contains the SQL select statement and the where clause for each confirmation letter template type. SQL select statements are used to creating the view for the confirmation letter template type. The where clauses are used to filter confirmation letters using deal numbers, transaction numbers, or interest rate swap references.

### Foreign Keys

| Primary Key Table    | Primary Key Column | Foreign Key Column |
|----------------------|--------------------|--------------------|
| XTR_DEAL_CONFO_TYPES | CONFO_TYPE         | ACTION_TYPE        |

### Column Descriptions

| Name                     | Null?    | Type           | Description   |
|--------------------------|----------|----------------|---|
| ACTION_TYPE              | NOT NULL | VARCHAR2(50)   | Deal action type  |
| CLAUSE_TEXT              | NULL     | VARCHAR2(2000) | SQL select statement used in creating the view for the template type  |
| CLIENT_OR_CPARTY_LETTER  | NOT NULL | VARCHAR2(2)    | Flag to indicate if a confirmation is a client (C) or counterparty letter (CP)  |
| COMMENTS                 | NULL     | VARCHAR2(500)  | Not currently used  |
| CONFO_OR_VIEW            | NULL     | VARCHAR2(1)    | Flag to indicate if the confirmation (C) or view (F) template. Treasury currently supports only confirmation templates. |
| CURRENT_TEMPLATE_DEFAULT | NULL     | VARCHAR2(50)   | Not currently used  |
| SELECT_CLAUSE_TEXT       | NULL     | VARCHAR2(2000) | Not currently used  |
| SIGNED_OFF               | NULL     | VARCHAR2(1)    | Not currently used (indicates if this template is authorized)   |
| TEMPLATE_CREATED         | NULL     | VARCHAR2(1)    | Not currently used  |
| TEMPLATE_TYPE (PK)       | NOT NULL | VARCHAR2(50)   | Template type   |
| VIEW_SUBSECTION          | NULL     | NUMBER         | Not currently used  |
| WHERE_CLAUSE_TEXT        | NULL     | VARCHAR2(2000) | SQL where clause to be used to filter the confirmation letters  |

## XTR\_LIMIT\_EXCESS\_LOG

XTR\_LIMIT\_EXCESS\_LOG contains the limit exception information for deal transactions. Each row contains a limit exception and all of the information relevant to that exception, such as company, limit party, dealer, excess amount, date, and deal number. The LOG\_ID column groups the set of limit exceptions that are generated for each transaction. The deal and transaction numbers in this table are used to find all of the limit exceptions that were generated for a specific deal transaction.

This table corresponds to the Limit Utilizations window.

### Foreign Keys

| Primary Key Table         | Primary Key Column                | Foreign Key Column                |
|---------------------------|-----------------------------------|-----------------------------------|
| XTR_DEALS                 | DEAL_NO                           | DEAL_NUMBER                       |
| XTR_INTERGROUP_TRANSFERS  | DEAL_NUMBER<br>TRANSACTION_NUMBER | DEAL_NUMBER<br>TRANSACTION_NUMBER |
| XTR_ROLLOVER_TRANSACTIONS | DEAL_NUMBER<br>TRANSACTION_NUMBER | DEAL_NUMBER<br>TRANSACTION_NUMBER |

### Column Descriptions

| Name                  | Null?    | Type         | Description  |
|-----------------------|----------|--------------|--|
| AMOUNT_DATE           | NULL     | DATE         | Date that the deal finishes and is paid off. Date on which the principal amount of a note, draft, acceptance, bond, short term or other debt instrument becomes due and payable. |
| AUTHORISED_BY         | NULL     | VARCHAR2(10) | Treasury user who authorized the limit exceptions  |
| COMPANY_CODE          | NULL     | VARCHAR2(7)  | Company code   |
| DEALER_CODE           | NULL     | VARCHAR2(10) | Code for Treasury users  |
| DEAL_NUMBER           | NOT NULL | NUMBER       | Unique number assigned to each deal  |
| DUAL_AUTHORIZED_BY    | NULL     | VARCHAR2(10) | Not currently used   |
| DUAL_AUTHORIZED_ON    | NULL     | DATE         | Not currently used   |
| EXCEEDED_BY_AMOUNT    | NULL     | NUMBER       | Amount that a transaction exceeded the limit   |
| EXCEEDED_ON_DATE      | NOT NULL | DATE         | Date on which the limit exception occurred   |
| EXCEPTION_TYPE        | NOT NULL | VARCHAR2(8)  | Type of limit exception (WARNING, EXCEEDED, or NO_LIMIT)   |
| HCE_AMOUNT            | NOT NULL | NUMBER       | Exceeded amount in reporting currency equivalent   |
| LIMITING_AMOUNT       | NULL     | NUMBER       | Maximum amount allowed by the limit  |
| LIMIT_CHECK_TYPE (PK) | NOT NULL | VARCHAR2(8)  | Type of limit that exceeded (for example, company, counterparty, currency, and dealer)   |
| LIMIT_CODE            | NULL     | VARCHAR2(7)  | Code for user-defined limits imposed on deals and transactions   |
| LIMIT_PARTY           | NULL     | VARCHAR2(7)  | Party against which limits are checked   |

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|             |          |        |                                      |
|-------------|----------|--------|--------------------------------------|
| LOG_ID (PK) | NOT NULL | NUMBER | Limit exception log batch identifier |
|-------------|----------|--------|--------------------------------------|

*Column Descriptions (Continued)*

| Name               | Null? | Type   | Description                                       |
|--------------------|-------|--------|---|
| TRANSACTION_NUMBER | NULL  | NUMBER | Unique reference number assigned to a transaction |

*Indexes*

| Index Name              | Index Type | Sequence | Column Name      |
|-------------------------|------------|----------|------------------|
| XTR_LIMIT_EXCESS_LOG_N1 | NOT UNIQUE | 2        | LOG_ID           |
| XTR_LIMIT_EXCESS_LOG_N2 | NOT UNIQUE | 2        | EXCEEDED_ON_DATE |

*Sequences*

| Sequence                | Derived Column |
|-------------------------|----------------|
| XTR_LIMITS_EXCESS_LOG_S | LOG_ID         |

## XTR\_LIMIT\_OVERVIEW\_V

XTR\_LIMIT\_OVERVIEW\_V shows a subset of columns from counterparty, sovereign, global, currency, group, and settlement limits. The main purpose of this view is to show the limit versus the utilization amounts for each of the six limit areas.

This view corresponds to the View Limit Utilizations window.

### View Definition

```
CREATE VIEW XTR_LIMIT_OVERVIEW_V
as SELECT
    'COUNTERPARTY'      LIMIT_TYPE,
    A.CPARTY_CODE      LIMIT_PARTY,
    upper(P.COUNTRY_CODE) COUNTRY,
    A.LIMIT_CODE      LIMIT_CODE,
    A.COMPANY_CODE    COMPANY,
    'N/A'            LIMIT_GROUP,
    'N/A'            CURRENCY,
    nvl(LIMIT_AMOUNT,0) LIMIT_AMT,
    nvl(UTILISED_AMOUNT,0) UTILISED,
    nvl(LIMIT_AMOUNT,0) - nvl(UTILISED_AMOUNT,0) AVAILABLE,
    trunc(sysdate)    EFFECTIVE_DATE

    from XTR_COUNTERPARTY_LIMITS A,
         XTR_PARTIES_V P
where   A.LIMIT_CODE <> 'SETTLE'
and     (A.LIMIT_AMOUNT <> 0 or A.UTILISED_AMOUNT <> 0)
and     P.PARTY_CODE = A.CPARTY_CODE
UNION ALL
    select  'SOVEREIGN'      LIMIT_TYPE,
            'N/A'          LIMIT_PARTY,
            upper(A.COUNTRY_CODE) COUNTRY,
            'N/A'          LIMIT_CODE,
            A.COMPANY_CODE  COMPANY,
            'N/A'          LIMIT_GROUP,
            'N/A'          CURRENCY,
            nvl(LIMIT_AMOUNT,0) LIMIT_AMT,
            nvl(UTILISED_AMOUNT,0) UTILISED,
            nvl(LIMIT_AMOUNT,0) - nvl(UTILISED_AMOUNT,0) AVAILABLE,
            trunc(sysdate)    EFFECTIVE_DATE
    from    XTR_COUNTRY_COMPANY_LIMITS A
    where   (A.LIMIT_AMOUNT <> 0 or A.UTILISED_AMOUNT <> 0)
UNION ALL
    select  'GLOBAL'        LIMIT_TYPE,
            'N/A'          LIMIT_PARTY,
            'N/A'          COUNTRY,
            A.LIMIT_CODE    LIMIT_CODE,
            A.COMPANY_CODE  COMPANY,
            A.LIMIT_TYPE    LIMIT_GROUP,
            'N/A'          CURRENCY,
            nvl(LIMIT_AMOUNT,0) LIMIT_AMT,
            nvl(UTILISED_AMOUNT,0) UTILISED,
            nvl(LIMIT_AMOUNT,0) - nvl(UTILISED_AMOUNT,0) AVAILABLE,
            trunc(sysdate)    EFFECTIVE_DATE
```

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```

        from      XTR_COMPANY_LIMITS A
        where      (A.LIMIT_AMOUNT <> 0 or A.UTILISED_AMOUNT <> 0)
UNION ALL
        select      'CURRENCY'          LIMIT_TYPE,
                    'N/A'                LIMIT_PARTY,
                    'N/A'                COUNTRY,
                    'N/A'                LIMIT_CODE,
                    'N/A'                COMPANY,
                    'N/A'                LIMIT_GROUP,
                    A.CURRENCY           CURRENCY,
                    nvl(A.NET_FX_EXPOSURE,0) LIMIT_AMT,
                    nvl(UTILISED_AMOUNT,0) UTILISED,
                    nvl(A.NET_FX_EXPOSURE,0) - nvl(UTILISED_AMOUNT,0) AVAILABLE,
                    trunc(sysdate)      EFFECTIVE_DATE
        from      XTR_MASTER_CURRENCIES A
        where      A.AUTHORISED = 'Y'
        and        (A.NET_FX_EXPOSURE <> 0 or A.UTILISED_AMOUNT <> 0)
        and        A.CURRENCY <> (select      max(P.HOME_CURRENCY)
                                   from      XTR_PARTIES_V p
                                   where      P.PARTY_TYPE = 'C'
                                   and        P.HOME_CURRENCY is NOT NULL)
UNION ALL
        select      'GROUP'              LIMIT_TYPE,
                    A.CPARTY_CODE        LIMIT_PARTY,
                    'N/A'                COUNTRY,
                    'N/A'                LIMIT_CODE,
                    A.COMPANY_CODE        COMPANY,
                    A.LIMIT_TYPE          LIMIT_GROUP,
                    'N/A'                CURRENCY,
                    nvl(LIMIT_AMOUNT,0)   LIMIT_AMT,
                    nvl(UTILISED_AMOUNT,0) UTILISED,
                    nvl(LIMIT_AMOUNT,0) - nvl(UTILISED_AMOUNT,0) AVAILABLE,
                    trunc(sysdate)      EFFECTIVE_DATE
        from      XTR_GROUP_LIMITS A
        where      (A.LIMIT_AMOUNT <> 0 or A.UTILISED_AMOUNT <> 0)
UNION ALL
        select      'SETTLEMENT'         LIMIT_TYPE,
                    A.CPARTY              LIMIT_PARTY,
                    'N/A'                COUNTRY,
                    'N/A'                LIMIT_CODE,
                    A.COMPANY             COMPANY,
                    'N/A'                LIMIT_GROUP,
                    'N/A'                CURRENCY,
                    nvl(MAX(B.LIMIT_AMOUNT),0) LIMIT_AMT,
                    nvl(SUM(ROUND(ABS(A.CASHFLOW_AMOUNT) / M.HCE_RATE,0)),0) UTILISED,
                    nvl(MAX(B.LIMIT_AMOUNT),0) -
                        nvl(SUM(ROUND(ABS(A.CASHFLOW_AMOUNT) /
                        M.HCE_RATE,0)),0) AVAILABLE,
                    A.AMOUNT_DATE         EFFECTIVE_DATE
        from      XTR_SETTLEMENTS_V A,
                    XTR_COUNTERPARTY_LIMITS B,
                    XTR_MASTER_CURRENCIES M
        where      A.AMOUNT_DATE >= trunc(SYSDATE)
        and        B.CPARTY_CODE = A.CPARTY
        and        B.COMPANY_CODE = A.COMPANY
        and        B.LIMIT_CODE = 'SETTLE'

```

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```

and      M.CURRENCY = A.CURRENCY
group by      A.CPARTY,A.COMPANY,A.AMOUNT_DATE
UNION ALL
select  'SETTLEMENT'      LIMIT_TYPE,
        B.CPARTY_CODE     LIMIT_PARTY,
        'N/A'             COUNTRY,
        'N/A'             LIMIT_CODE,
        B.COMPANY_CODE    COMPANY,
        'N/A'             LIMIT_GROUP,
        'N/A'             CURRENCY,
        nvl(MAX(B.LIMIT_AMOUNT),0) LIMIT_AMT,
        0 UTILISED,
        nvl(MAX(B.LIMIT_AMOUNT),0) AVAILABLE,
        TRUNC(SYSDATE) EFFECTIVE_DATE
from      XTR_COUNTERPARTY_LIMITS B
where     (B.COMPANY_CODE, B.CPARTY_CODE)
not in    (select      A.COMPANY, A.CPARTY
           from        XTR_SETTLEMENTS_V A
           where       A.AMOUNT_DATE = TRUNC(SYSDATE)
           and         A.CASHFLOW_AMOUNT <> 0)
and       B.LIMIT_CODE = 'SETTLE'
group by      B.CPARTY_CODE, B.COMPANY_CODE

```

#### Column Descriptions

| Name           | Null? | Type         | Description   |
|----------------|-------|--------------|---|
| LIMIT_TYPE     | NULL  | VARCHAR2(12) | Type of limit (COUNTERPARTY, COMPANY, GROUP, SOVEREIGN, or CURRENCY)                                |
| LIMIT_PARTY    | NULL  | VARCHAR2(7)  | Party against which limits are applied (only applies to counterparty, group, and settlement limits) |
| COUNTRY        | NULL  | VARCHAR2(25) | Country code (only applies to counterparty and sovereign limits)                                    |
| LIMIT_CODE     | NULL  | VARCHAR2(7)  | Limit code (only applies to company and counterparty limits)  |
| COMPANY        | NULL  | VARCHAR2(7)  | Company code (does not apply to currency limits)  |
| LIMIT_GROUP    | NULL  | VARCHAR2(3)  | Limit category (for group limits) or limit type (for company limits)                                |
| CURRENCY       | NULL  | VARCHAR2(15) | Currency code (only applies to currency limits)   |
| LIMIT_AMT      | NULL  | NUMBER       | Maximum amount allowed by the limit   |
| UTILISED       | NULL  | NUMBER       | Total amount that deal transactions have applied to the limit                                       |
| AVAILABLE      | NULL  | NUMBER       | Amount available until reaching limit amount (difference between the limit and utilized amount)     |
| EFFECTIVE_DATE | NULL  | DATE         | Limit effective date  |

## XTR\_LIMIT\_TYPES

XTR\_LIMIT\_TYPES contains limit type information. Each row corresponds to one limit type, each of which belongs to one of four investment categories. The categories are X (foreign exchange), I (investment), F (funding), and OD (overdraft). Limit types allow you to combine global and group limits.

This table corresponds to the Limit Types region in the Limit Types window.

Column Descriptions

| Name                | Null?    | Type         | Description   |
|---------------------|----------|--------------|---|
| CREATED_BY          | NOT NULL | VARCHAR2(30) | User who created this record  |
| CREATED_ON          | NOT NULL | DATE         | Date this record was created  |
| FX_INVEST_FUND_TYPE | NULL     | VARCHAR2(2)  | Limit investment category (F for fund, I for invest, X for foreign exchange, or OD for overdraft) |
| LIMIT_TYPE (PK)     | NOT NULL | VARCHAR2(2)  | Limit type code (tied to one of four limit categories)  |
| NAME                | NOT NULL | VARCHAR2(20) | Limit type name   |
| UPDATED_BY          | NULL     | VARCHAR2(30) | User who last updated this record   |
| UPDATED_ON          | NULL     | DATE         | Date this record was last updated   |

Indexes

| Index Name         | Index Type | Sequence | Column Name |
|--------------------|------------|----------|-------------|
| XTR_LIMIT_TYPES_U1 | UNIQUE     | 2        | LIMIT_TYPE  |



## XTR\_MARKET\_PRICES

XTR\_MARKET\_PRICES contains current rate information for foreign exchange and money market deal transactions. Each row corresponds to a rate for either a foreign exchange spot/forward deal or a money market deal for given a time period. Modifying the current rates triggers this table to archive old rates into the XTR\_SPOT\_RATES and XTR\_INTEREST\_PERIOD\_RATES tables, respectively. It also triggers an update of the current spot/forward rates in the HCE\_RATE column of the XTR\_MASTER\_CURRENCIES table.

### Column Descriptions

| Name                     | Null?    | Type         | Description  |
|--------------------------|----------|--------------|--|
| ARCHIVE_FREQ_TYPE        | NULL     | VARCHAR2(1)  | Archive frequency type                                   |
| ASK_PRICE                | NULL     | NUMBER       | Asking price   |
| BID_PRICE                | NULL     | NUMBER       | Bidding price  |
| CURRENCY_A               | NULL     | VARCHAR2(15) | Base currency  |
| CURRENCY_B               | NULL     | VARCHAR2(15) | Contra currency  |
| DDE_CONVERSATION_CODE    | NULL     | VARCHAR2(15) | Dynamic data exchange code from data feed                |
| DOWNLOAD_FREQ_TYPE       | NULL     | VARCHAR2(1)  | Download frequency type                                  |
| FREQ_ARCHIVE             | NULL     | NUMBER       | Frequency of archiving                                   |
| FREQ_DOWNLOAD            | NULL     | NUMBER       | Frequency of downloading                                 |
| LAST_ARCHIVE_TIME        | NULL     | DATE         | Date of last archive                                     |
| LAST_DOWNLOAD_TIME       | NULL     | DATE         | Date of last download                                    |
| MOVEMENT_INDICATOR       | NULL     | VARCHAR2(5)  | Indicates if the bid price goes up, down or remains flat |
| NOS_OF_DAYS              | NULL     | NUMBER       | Number of days for the chosen term length and term type  |
| ORAFIN_ARCHIVE_FREQ_TYPE | NULL     | VARCHAR2(1)  | Not currently used                                       |
| ORAFIN_LAST_ARCHIVE_TIME | NULL     | DATE         | Not currently used                                       |
| PARTY_CODE               | NULL     | VARCHAR2(7)  | Party code   |
| PRICE_DESCRIPTION        | NOT NULL | VARCHAR2(50) | Price description  |
| REF_NUMBER               | NOT NULL | NUMBER       | Number identifier for the market quote                   |
| RIC_CODE (PK)            | NOT NULL | VARCHAR2(20) | Code identifier for the market quote                     |
| SOURCE                   | NOT NULL | VARCHAR2(20) | Reconciliation import source                             |
| SPREAD_BASIS             | NULL     | VARCHAR2(3)  | Spread basis between bid and ask price                   |
| TERM_LENGTH              | NULL     | NUMBER       | Term length  |
| TERM_TYPE                | NULL     | VARCHAR2(1)  | Term type  |
| TERM_YEAR                | NULL     | NUMBER       | Term year  |
| UPDATE_RATE_YN           | NULL     | VARCHAR2(1)  | Flag to indicate if rate is updated (Y), or not (N)      |

### Indexes

| Index Name           | Index Type | Sequence | Column Name |
|----------------------|------------|----------|-------------|
| XTR_MARKET_PRICES_U1 | UNIQUE     | 1        | SOURCE      |
|                      |            | 2        | RIC_CODE    |

### *Sequences*

| <u>Sequence</u>     | <u>Derived Column</u> |
|---------------------|-----------------------|
| XTR_MARKET_PRICES_S | REF_NUMBER            |

### *Database Triggers*

Trigger Name : XTR\_BIU\_MARKET\_PRICES\_T  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : INSERT, UPDATE

This before insert or update trigger maintains the foreign exchange spot rate information in the master currencies table, the spot rates archive table, and money market interest rate archive table.

## XTR\_MASTER\_CURRENCIES

XTR\_MASTER\_CURRENCIES contains information on currency characteristics, which includes the currency's net maximum exposure, quotation basis, and year basis. Each row corresponds to a currency. All currencies in this table are derived from the FND\_CURRENCIES table. All other currency columns in Treasury derive their currency values from this table, including the XTR\_INTEREST\_RATE\_BANDS, XTR\_INTEREST\_RATE\_POLICY, XTR\_BUY\_SELL\_COMBINATION, XTR\_HOLIDAY\_RULES, and XTR\_BANK\_ACCOUNTS tables.

This table corresponds to the Currency Authorization region of the Currency Details and Add/Maintain Currency Details windows.

*Column Descriptions*

| Name                     | Null?    | Type         | Description  |
|--------------------------|----------|--------------|--|
| AUDIT_INDICATOR          | NULL     | VARCHAR2(1)  | Not currently used   |
| AUTHORISED               | NOT NULL | VARCHAR2(1)  | Flag to indicate if the currency is authorized for use (Y), or not (N)   |
| CALCULATE_HOLS_YEARS     | NULL     | NUMBER       | Number of years forward to calculate holiday dates   |
| CREATED_BY               | NOT NULL | VARCHAR2(30) | User who created this record   |
| CREATED_ON               | NOT NULL | DATE         | Date this record was created   |
| CURRENCY (PK)            | NOT NULL | VARCHAR2(15) | Currency code  |
| CURRENT_SPOT_RATE        | NULL     | NUMBER       | Current spot rate  |
| DIVIDE_OR_MULTIPLY       | NOT NULL | VARCHAR2(1)  | Flag that determines whether the spot rate calculation of a forward foreign exchange rate should be division (/) or multiplication (*) |
| FX_SEQ_NO                | NULL     | NUMBER       | Sequence number that determines the currency ordering in the LOV's of foreign exchange forms   |
| HCE_RATE                 | NULL     | NUMBER       | Conversion rate to the reporting currency  |
| IR_SEQ_NO                | NULL     | NUMBER       | Sequence number that determines the currency ordering in the LOVs of money market forms  |
| LAST_TRANSACTION_CHANGED | NULL     | DATE         | Date on which a currency combination monitor status is changed   |
| MAXIMUM_BAND             | NULL     | NUMBER       | Maximum foreign exchange coverage percentage   |
| MAX_DAYS_CONTRACT        | NULL     | NUMBER       | Not currently used   |
| MINIMUM_BAND             | NULL     | NUMBER       | Minimum foreign exchange coverage percentage   |
| NAME                     | NOT NULL | VARCHAR2(20) | Currency description   |
| NET_FX_EXPOSURE          | NULL     | NUMBER       | Foreign exchange exposure limit  |
| RATE_DATE                | NULL     | DATE         | Date the rate is based on  |
| ROUNDING_FACTOR          | NOT NULL | NUMBER       | Rounding factor used in revaluation of foreign exchange forward agreements   |
| SPOT_DATE                | NULL     | DATE         | Date the conversion rate to reporting currency was last updated  |

|            |      |              |                                   |
|------------|------|--------------|-----------------------------------|
| UPDATED_BY | NULL | VARCHAR2(30) | User who last updated this record |
|------------|------|--------------|-----------------------------------|

*Column Descriptions (Continued)*

| Name                     | Null?    | Type         | Description  |
|--------------------------|----------|--------------|--|
| UPDATED_ON               | NULL     | DATE         | Date this record was last updated  |
| USD_BASE_CURR_BID_RATE   | NULL     | NUMBER       | Foreign exchange rate bid price against the US dollar                    |
| USD_BASE_CURR_OFFER_RATE | NULL     | NUMBER       | Foreign exchange rate offer price against the US dollar                  |
| USD_QUOTED_SPOT          | NULL     | NUMBER       | Spot rate against the US dollar  |
| UTILISED_AMOUNT          | NULL     | NUMBER       | Total amount that deal transactions have applied to the limit            |
| YEAR_BASIS               | NOT NULL | NUMBER       | Number of days in a year used in calculations (for example, 360 and 365) |
| IG_YEAR_BASIS            | NULL     | VARCHAR2(15) | Currency year basis  |

*Indexes*

| Index Name               | Index Type | Sequence | Column Name |
|--------------------------|------------|----------|-------------|
| XTR_MASTER_CURRENCIES_U1 | UNIQUE     | 2        | CURRENCY    |

*Database Triggers*

```

Trigger Name      : XTR_AU_MASTER_CURRENCIES_T
Trigger Time      : AFTER
Trigger Level     : ROW
Trigger Event     : UPDATE

```

This after update trigger maintains the audit table for master currencies.

---

## XTR\_MATURITIES\_V

XTR\_MATURITIES\_V contains information on the cashflows that belong to the date amount types that appear in the Maturities by Counterparty or Maturities by Date reports. The date amount types that appear in these reports are predefined and have the MATURITY\_REPORT flag set to 'Y' in the XTR\_DATE\_AMOUNT\_TYPES table.

This view is used in the Maturities by Date and Maturities by Counterparty reports.

### *View Definition*

```
CREATE VIEW XTR_MATURITIES_V
as SELECT
    a.DEAL_NUMBER,
a.TRANSACTION_NUMBER,
a.AMOUNT_DATE,
a.CURRENCY,
a.AMOUNT_TYPE TYPE_OF_AMOUNT,
at.USER_AMOUNT_TYPE,
a.AMOUNT,
a.CASHFLOW_AMOUNT,
a.COMPANY_CODE COMPANY,
a.CPARTY_CODE CPARTY,
p.SHORT_NAME CPARTY_NAME,
a.CLIENT_CODE CLIENT,
q.SHORT_NAME CLIENT_NAME,
a.DEALER_CODE DEALER,
a.DEAL_TYPE CONTRACT_TYPE,
dt.USER_DEAL_TYPE,
a.DEAL_SUBTYPE SUBTYPE,
st.USER_DEAL_SUBTYPE,
a.PRODUCT_TYPE PRODUCT,
a.PORTFOLIO_CODE PORTFOLIO,
a.CODE_COMBINATION_ID,
a.TRANSACTION_RATE RATE,
a.ACCOUNT_NO COMPANY_ACCOUNT,
a.HCE_AMOUNT,
a.STATUS_CODE CONTRACT_STATUS,
ds.USER_STATUS_CODE,
a.DIARY_NOTE DIARY_NOTE_DETAILS,
a.DUAL_AUTHORISATION_BY AUTHORISED_BY,
a.DUAL_AUTHORISATION_ON AUTHORISED_ON,
a.DATE_TYPE,
dat.USER_DATE_TYPE

from XTR_DEAL_DATE_AMOUNTS_V a,
    XTR_PARTIES_V p,
    XTR_PARTIES_V q,
    XTR_DATE_AMOUNT_TYPES d,
    XTR_DEAL_TYPES dt,
    XTR_DEAL_SUBTYPES st,
```

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```

XTR_AMOUNT_TYPES at,
XTR_DEAL_STATUSES ds,
XTR_DATE_TYPES dat
where d.DEAL_TYPE = a.DEAL_TYPE
and d.DATE_TYPE = a.DATE_TYPE
and d.AMOUNT_TYPE = a.AMOUNT_TYPE
and d.MATURITY_REPORT = 'Y'
and a.CPARTY_CODE = p.PARTY_CODE (+)
and a.CLIENT_CODE = q.PARTY_CODE (+)
AND a.DEAL_TYPE = dt.DEAL_TYPE
AND (a.DEAL_TYPE = st.DEAL_TYPE AND
a.DEAL_SUBTYPE = st.DEAL_SUBTYPE)
AND (a.DEAL_TYPE = at.DEAL_TYPE AND
a.AMOUNT_TYPE = at.AMOUNT_TYPE)
AND (a.DEAL_TYPE = ds.DEAL_TYPE AND
a.STATUS_CODE = ds.STATUS_CODE)
AND (a.DEAL_TYPE = dat.DEAL_TYPE AND
a.DATE_TYPE = dat.DATE_TYPE)

```

#### Column Descriptions

| Name               | Null?    | Type         | Description   |
|--------------------|----------|--------------|---|
| DEAL_NUMBER        | NOT NULL | NUMBER       | Unique number assigned to each deal   |
| TRANSACTION_NUMBER | NULL     | NUMBER       | Unique reference number assigned to a transaction   |
| AMOUNT_DATE        | NULL     | DATE         | Date the deal finishes and is paid off, or date the principal amount of a note, draft, acceptance, bond, short term or other debt instrument becomes due and payable. |
| CURRENCY           | NOT NULL | VARCHAR2(15) | Currency code   |
| TYPE_OF_AMOUNT     | NOT NULL | VARCHAR2(7)  | Code that identifies the purpose of the amounts for a deal type   |
| USER_AMOUNT_TYPE   | NOT NULL | VARCHAR2(7)  | User-defined amount type code   |
| AMOUNT             | NOT NULL | NUMBER       | Transaction amount  |
| CASHFLOW_AMOUNT    | NULL     | NUMBER       | Cash flow amount  |
| COMPANY            | NULL     | VARCHAR2(7)  | Company code  |
| CPARTY             | NULL     | VARCHAR2(7)  | Counterparty code   |
| CPARTY_NAME        | NULL     | VARCHAR2(20) | Counterparty short name   |
| CLIENT             | NULL     | VARCHAR2(7)  | Client for which the deal is made   |
| CLIENT_NAME        | NULL     | VARCHAR2(20) | Client short name   |
| DEALER             | NULL     | VARCHAR2(10) | Code for Treasury users   |
| CONTRACT_TYPE      | NOT NULL | VARCHAR2(7)  | Code for high level deals   |
| USER_DEAL_TYPE     | NOT NULL | VARCHAR2(7)  | User-defined deal type code   |
| SUBTYPE            | NULL     | VARCHAR2(7)  | Code for deal executions permissible within a deal type   |
| USER_DEAL_SUBTYPE  | NOT NULL | VARCHAR2(7)  | User-defined deal subtype code  |
| PRODUCT            | NULL     | VARCHAR2(10) | Code for products used in a deal type   |
| PORTFOLIO          | NULL     | VARCHAR2(7)  | Code for grouping deals under a single portfolio  |

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|                     |      |        |  |
|---------------------|------|--------|--|
| CODE_COMBINATION_ID | NULL | NUMBER | Unique key for identifying GL account references |
|---------------------|------|--------|--|

*Column Descriptions (Continued)*

| Name               | Null?    | Type          | Description  |
|--------------------|----------|---------------|--|
| RATE               | NULL     | NUMBER        | Transaction rate   |
| COMPANY_ACCOUNT    | NULL     | VARCHAR2(20)  | Settlement account number  |
| HCE_AMOUNT         | NULL     | NUMBER        | Amount in reporting currency equivalent  |
| CONTRACT_STATUS    | NULL     | VARCHAR2(10)  | Code for the execution status of deals and transactions  |
| USER_STATUS_CODE   | NOT NULL | VARCHAR2(10)  | User-defined deal status code  |
| DIARY_NOTE_DETAILS | NULL     | VARCHAR2(255) | Not currently used   |
| AUTHORISED_BY      | NULL     | VARCHAR2(30)  | Login name of user who created the deal, to be included only if parameter DUAL_AUTHORISE is set to Y |
| AUTHORISED_ON      | NULL     | DATE          | Date on which the user created the deal, to be included only if parameter DUAL_AUTHORISE is set to Y |
| DATE_TYPE          | NOT NULL | VARCHAR2(7)   | Date type tied to specific deal types (for example, accrual, maturity, start, and dealt dates)       |
| USER_DATE_TYPE     | NOT NULL | VARCHAR2(7)   | User-defined date type code  |

## XTR\_MIRROR\_DDA\_LIMIT\_ROW

XTR\_MIRROR\_DDA\_LIMIT\_ROW contains the cashflow information for all deal transactions in CURRENT status. Each row contains the cashflow details for one deal transaction. The 'after insert, update or delete' database trigger for the XTR\_DEAL\_DATE\_AMOUNTS table inserts a not null LIMIT\_CODE column into this table. In addition, the trigger calculates the weighted limit utilization amount and its reporting currency equivalent for the deal transaction and inserts those amounts into this table. Triggers also update the limit utilization amounts in the applicable limits tables.

### Column Descriptions

| Name                     | Null?    | Type         | Description  |
|--------------------------|----------|--------------|--|
| ACCOUNT_NO               | NULL     | VARCHAR2(20) | Alpha-numeric reference to financial accounts of Treasury parties  |
| AMOUNT                   | NOT NULL | NUMBER       | Transaction amount   |
| AMOUNT_DATE              | NULL     | DATE         | Date that the deal finishes and is paid off. Date on which the principal amount of a note, draft, acceptance, bond, short term or other debt instrument becomes due and payable. |
| AMOUNT_INDIC             | NULL     | NUMBER       | Not currently used   |
| COMMENCE_DATE            | NULL     | DATE         | Commence date  |
| COMPANY_CODE             | NULL     | VARCHAR2(7)  | Company code   |
| CONTRA_CCY               | NULL     | VARCHAR2(15) | Contra currency in a foreign exchange currency quote   |
| COUNTRY_CODE             | NULL     | VARCHAR2(2)  | Country code   |
| CROSS_REF_TO_OTHER_PARTY | NULL     | VARCHAR2(7)  | Party cross reference  |
| CURRENCY                 | NULL     | VARCHAR2(15) | Currency code  |
| CURRENCY_COMBINATION     | NULL     | VARCHAR2(31) | Currency quotations which combine a base and a contra currency   |
| DATE_LAST_SET            | NOT NULL | DATE         | Not currently used   |
| DEALER_CODE              | NULL     | VARCHAR2(10) | Code for Treasury users  |
| DEAL_NUMBER (PK)         | NOT NULL | NUMBER       | Unique number assigned to each deal  |
| DEAL_SUBTYPE             | NULL     | VARCHAR2(7)  | Code for deal executions permissible within a deal type  |
| DEAL_TYPE                | NOT NULL | VARCHAR2(7)  | Code for high level deals  |
| HCE_AMOUNT (PK)          | NOT NULL | NUMBER       | Amount in reporting currency equivalent  |
| HCE_UTILISED_AMOUNT      | NULL     | NUMBER       | Amount in reporting currency equivalent  |
| LIMIT_CODE               | NULL     | VARCHAR2(7)  | Code for user-defined limits imposed on deals and transactions   |
| LIMIT_PARTY              | NULL     | VARCHAR2(7)  | Party on which limit is imposed  |
| LIMIT_TYPE               | NULL     | VARCHAR2(2)  | Type of limit imposed  |
| PORTFOLIO_CODE           | NULL     | VARCHAR2(7)  | Code for grouping deals under a single portfolio   |
| PRODUCT_TYPE             | NULL     | VARCHAR2(10) | Code for products used in a deal type  |
| STATUS_CODE              | NULL     | VARCHAR2(10) | Code for the execution status of deals and transactions  |

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Column Descriptions (Continued)

| Name               | Null?    | Type   | Description   |
|--------------------|----------|--------|---|
| TRANSACTION_NUMBER | NOT NULL | NUMBER | Unique reference number assigned to a transaction                                   |
| TRANSACTION_RATE   | NULL     | NUMBER | Transaction rate (for example, foreign exchange rate or money market interest rate) |
| UTILISED_AMOUNT    | NULL     | NUMBER | Total amount that deal transactions have applied to the limit                       |
| COL_17095040       | NULL     | DATE   | Not currently used  |

Indexes

| Index Name                  | Index Type | Sequence | Column Name        |
|-----------------------------|------------|----------|--------------------|
| XTR_MIRROR_DDA_LIMIT_ROW_N1 | NOT UNIQUE | 2        | LIMIT_PARTY        |
| XTR_MIRROR_DDA_LIMIT_ROW_N2 | NOT UNIQUE | 2        | AMOUNT_DATE        |
| XTR_MIRROR_DDA_LIMIT_ROW_U1 | UNIQUE     | 2        | DEAL_NUMBER        |
|                             |            | 4        | TRANSACTION_NUMBER |
|                             |            | 6        | DEAL_TYPE          |

Database Triggers

Trigger Name : XTR\_AD\_MIRROR\_DDA\_LIMIT\_ROW\_T  
 Trigger Time : AFTER  
 Trigger Level : ROW  
 Trigger Event : DELETE

This after delete trigger maintains the utilization amounts for the different limits.

Trigger Name : XTR\_AI\_MIRROR\_DDA\_LIMIT\_ROW\_T  
 Trigger Time : AFTER  
 Trigger Level : ROW  
 Trigger Event : INSERT

This after insert trigger maintains the utilization amounts for the different limits.

Trigger Name : XTR\_AU\_MIRROR\_DDA\_LIMIT\_ROW\_T  
 Trigger Time : AFTER  
 Trigger Level : ROW  
 Trigger Event : UPDATE

This after update trigger maintains the utilization amounts for the different limits.

## XTR\_NET\_POSITIONS\_V

XTR\_NET\_POSITIONS\_V contains view information for your current net positions. Your position is derived from information in the XTR\_MIRROR\_DDA\_LIMIT\_ROW table. Each row in the XTR\_NET\_POSITIONS\_V table corresponds to a net position grouped by company, counterparty, deal type, deal subtype, product type, portfolio, currency, and currency combination.

This table corresponds to the Net Transaction Positions window.

### View Definition

```
CREATE VIEW XTR_NET_POSITIONS_V
as SELECT
    a.company_code,
    a.deal_type,
    dt.user_deal_type,
    a.currency,
    a.contra_ccy,
    a.currency_combination,
    decode(a.deal_type,'FX','% ',a.deal_subtype) deal_subtype,
    decode(a.deal_type,'FX','% ',st.user_deal_subtype),
    a.limit_party cparty_code,
    a.product_type,
    a.portfolio_code,
    nvl(a.dealer_code,'%') dealer_code,
    decode(a.deal_type,'CA',a.account_no,'%') account_no,
    sum(nvl(a.amount_indic,1)*nvl(a.amount,0)) gross_principal,
    sum(nvl(a.amount_indic,1)*nvl(a.hce_amount,0)) domestic_ccy_prin,
    sum(nvl(a.amount_indic,1)*nvl(a.amount,0)*nvl(a.transaction_rate,0)/
    (decode(a.deal_type,'FX',1,'FXO',1,100))) weighted_avg_principal,
    count(distinct decode(a.deal_type,'ONC',a.transaction_number,a.deal_number)) no_of_deals,
    min(a.amount) min_gross,
    max(a.amount) max_gross,
    min(a.TRANSACTION_RATE) min_rate,
    max(a.TRANSACTION_RATE) max_rate

from      XTR_MIRROR_DDA_LIMIT_ROW_V a,
          XTR_DEAL_TYPES dt,
          XTR_DEAL_SUBTYPES st
where      (a.amount_date>=trunc(sysdate) or
          a.deal_type='ONC'
          or a.deal_type='CMF'
          or a.deal_type='CA'
          or a.deal_type='IG')
and        a.deal_type <> 'EXP'
AND        a.DEAL_TYPE = dt.DEAL_TYPE
AND        (a.DEAL_TYPE = st.DEAL_TYPE AND
          a.DEAL_SUBTYPE = st.DEAL_SUBTYPE)
group by   a.company_code,
          a.deal_type,
          dt.user_deal_type,
          a.currency,
          a.contra_ccy,
```

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```

a.currency_combination,
decode(a.deal_type,'FX','% ',a.deal_subtype),
decode(a.deal_type,'FX','% ',st.user_deal_subtype),
a.limit_party,
a.product_type,
a.portfolio_code,
nvl(a.dealer_code,'% '),
decode(a.deal_type,'CA',a.account_no,'% ')

```

#### Column Descriptions

| Name                   | Null?    | Type         | Description   |
|------------------------|----------|--------------|---|
| COMPANY_CODE           | NULL     | VARCHAR2(7)  | Company code  |
| DEAL_TYPE              | NOT NULL | VARCHAR2(7)  | Code for high level deals   |
| USER_DEAL_TYPE         | NOT NULL | VARCHAR2(7)  | User-defined deal type code   |
| CURRENCY               | NULL     | VARCHAR2(15) | Currency code   |
| CONTRA_CCY             | NULL     | VARCHAR2(15) | Contra currency in a foreign exchange currency quote  |
| CURRENCY_COMBINATION   | NULL     | VARCHAR2(31) | Currency quotations which combine a base and a contra currency  |
| DEAL_SUBTYPE           | NULL     | VARCHAR2(7)  | Deal subtype (for all deal types except foreign exchange transactions where the value is '%' to mean the position is not specific to one deal subtype)              |
| USER_DEAL_SUBTYPE      | NULL     | VARCHAR2(7)  | User-defined deal subtype (for all deal types except foreign exchange transactions where the value is '%' to mean the position is not specific to one deal subtype) |
| CPARTY_CODE            | NULL     | VARCHAR2(7)  | Counterparty code   |
| PRODUCT_TYPE           | NULL     | VARCHAR2(10) | Code for products used in a deal type   |
| PORTFOLIO_CODE         | NULL     | VARCHAR2(7)  | Code for grouping deals under a single portfolio  |
| DEALER_CODE            | NULL     | VARCHAR2(10) | Code for Treasury users   |
| ACCOUNT_NO             | NULL     | VARCHAR2(20) | Alpha-numeric reference to financial accounts of Treasury parties   |
| GROSS_PRINCIPAL        | NULL     | NUMBER       | Gross principal amount  |
| DOMESTIC_CCY_PRIN      | NULL     | NUMBER       | Gross principal amount in reporting currency equivalent   |
| WEIGHTED_AVG_PRINCIPAL | NULL     | NUMBER       | Average principal of face value amount times transaction rate   |
| NO_OF_DEALS            | NULL     | NUMBER       | Number of deals (or transactions for short term money deals) of the net position  |
| MIN_GROSS              | NULL     | NUMBER       | Minimum amount  |
| MAX_GROSS              | NULL     | NUMBER       | Maximum amount  |
| MIN_RATE               | NULL     | NUMBER       | Minimum transaction rate  |
| MAX_RATE               | NULL     | NUMBER       | Maximum transaction rate  |

## XTR\_PARCEL\_SPLITS

XTR\_PARCEL\_SPLITS contains the parcel split detail information for discounted securities deals. Each row corresponds to one parcel split for a discounted securities deal. Each deal can have many parcel splits. The PARCEL\_SIZE column indicates the number of securities each parcel contains. Each parcel is linked to the deal for which the parcel is created by the DEAL\_NO column.

This table corresponds to the Parcel Split Details window.

### Foreign Keys

| Primary Key Table | Primary Key Column | Foreign Key Column |
|-------------------|--------------------|--------------------|
| XTR_DEALS         | DEAL_NO            | DEAL_NO            |

### Column Descriptions

| Name                 | Null?    | Type         | Description   |
|----------------------|----------|--------------|---|
| AVAILABLE_FOR_RESALE | NULL     | VARCHAR2(1)  | Flag to indicate if the discounted security deal is available for resale (Y), or not (N)                      |
| CONSIDERATION        | NOT NULL | NUMBER       | Consideration amount  |
| DEAL_NO (PK)         | NOT NULL | NUMBER       | Unique number assigned to each deal   |
| DEAL_SUBTYPE         | NOT NULL | VARCHAR2(7)  | Code for deal executions permissible within a deal type   |
| FACE_VALUE_AMOUNT    | NOT NULL | NUMBER       | Amount that the issuer agrees to pay at the maturity date   |
| INTEREST             | NOT NULL | NUMBER       | Interest amount   |
| ISSUE_BANK           | NULL     | VARCHAR2(7)  | Bank that issues the security   |
| OLD_SELECT_NUMBER    | NULL     | NUMBER       | Old number of securities that you want to sell (Treasury internal use only)                                   |
| PARCEL_REMAINING     | NULL     | NUMBER       | Number of parcel remaining that can be resold   |
| PARCEL_SIZE          | NOT NULL | NUMBER       | Number of securities you bought, sold or issued   |
| PARCEL_SPLIT_NO (PK) | NOT NULL | NUMBER       | Identifier for the security that you bought, sold or issued in a parcel split for discounted securities deals |
| REFERENCE_NUMBER     | NULL     | NUMBER       | Unique reference number assigned to each security resale  |
| RESERVE_PARCEL       | NULL     | VARCHAR2(3)  | Not currently used  |
| SELECT_FV_AMOUNT     | NULL     | NUMBER       | Not currently used  |
| SELECT_NUMBER        | NULL     | NUMBER       | Number of securities that you want to sell (Treasury internal use only)                                       |
| SERIAL_NUMBER        | NULL     | NUMBER       | Serial number used for issuing discounted securities  |
| SERIAL_NUMBER_IN     | NULL     | NUMBER       | Not currently used  |
| STATUS_CODE          | NOT NULL | VARCHAR2(10) | Code for the execution status of deals and transactions   |

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Indexes

| Index Name           | Index Type | Sequence | Column Name |
|----------------------|------------|----------|-------------|
| XTR_PARCEL_SPLITS_N1 | NOT UNIQUE | 2        | DEAL_NO     |

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## XTR\_PARTIES\_V

XTR\_PARTIES\_V contains view information for your parties and counterparties. Each row corresponds to a party and contains the party's contact information including the address, phone number, tax information, and whether or not the party is a counterparty. This view does not simply display the information in the XTR\_PARTY\_INFO table. Instead, it combines the XTR\_PARTY\_INFO table with the XTR\_COMPANY\_AUTHORITIES table and limits the view to only the companies for which you are authorized. Treasury uses this view extensively to ensure company security.

### *View Definition*

```
CREATE VIEW XTR_PARTIES_V
as SELECT
    xpi.party_code,
    xpi.party_type,
    xpi.short_name,
    xpi.full_name,
    xpi.created_by,
    xpi.created_on,
    xpi.risk_party,
    xpi.default_company,
    xpi.updated_by,
    xpi.updated_on,
    substr(xpp.param_value,1,15),
    xpi.contact_name,
    xpi.phone_number,
    xpi.fax_number,
    xpi.address_1,
    xpi.address_2,
    xpi.address_3,
    xpi.address_4,
    xpi.address_5,
    xpi.address_6,
    xpi.country_code,
    xpi.authorised,
    xpi.tax_number,
    xpi.internal_pty,
    xpi.party_category,
    xpi.broker,
    xpi.client_yn,
    xpi.cross_ref_to_other_party,
    xpi.client_grouping,
    xpi.state_code,
    xpi.title_description,
    xpi.party_group,
    xpi.settlement_default_category,
    xpi.tax_category,
    xpi.brokerage_category,
    xpi.tax_exemption_code,
    xpi.client_advice,
    xpi.client_agent1,
```

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```

xpi.client_agent2,
xpi.client_agent3,
xpi.account_manager,
xpi.audit_indicator,
xpi.advisor_yn,
xpi.valuer_yn,
xpi.p_address_1,
xpi.p_address_2,
xpi.p_address_3,
xpi.p_address_4,
xpi.email_address,
xpi.deposit_ref,
xpi.comments,
xpi.account_status,
xpi.confo_group_code,
xpi.confo_action_code,
xpi.pi_constant,
xpi.pager_number,
xpi.branch_subsidiary_code,
xpi.branch_subsidiary_yn,
xpi.default_address_details,
xpi.swift_id,
xpi.fx_match_id,
xpi.fx_cparty,
xpi.mm_cparty,
xpi.legal_entity_id,
xpi.suspense_ccid,
xpi.conversion_type,
xpi.set_of_books_id,
xpi.chart_of_accounts_id

```

```

from          XTR_PARTY_INFO xpi,
              XTR_PRO_PARAM xpp
where  xpp.PARAM_NAME = 'SYSTEM_FUNCTIONAL_CCY'
and    xpi.authorised = 'Y'
and    ((xpi.party_type = 'C'
        and xpi.party_code in (select xca.party_code
                                from XTR_COMPANY_AUTHORITIES xca,
                                     XTR_DEALER_CODES xdc
                                where  xpi.party_code = xca.party_code
                                and    xca.dealer_code = xdc.dealer_code
                                and    xca.company_authorised_for_input = 'Y'
                                and    xdc.user_id = fnd_global.user_id))
        or xpi.party_type <> 'C')

```

#### Foreign Keys

| Primary Key Table | Primary Key Column | Foreign Key Column |
|-------------------|--------------------|--------------------|
| FND_TERRITORIES   | TERRITORY_CODE     | COUNTRY_CODE       |

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## Foreign Keys (Continued)

| Primary Key Table         | Primary Key Column                      | Foreign Key Column                      |
|---------------------------|---|---|
| GL_SETS_OF_BOOKS          | SET_OF_BOOKS_ID<br>CHART_OF_ACCOUNTS_ID | SET_OF_BOOKS_ID<br>CHART_OF_ACCOUNTS_ID |
| XTR_BROKERAGE_CATEGORIES  | BROKERAGE_CATEGORY                      | BROKERAGE_CATEGORY                      |
| XTR_CONFIRMATION_ACTIONS  | CONFO_ACTION_GROUP                      | CONFO_GROUP_CODE                        |
| XTR_PARTY_GROUPS          | GROUP_CODE                              | PARTY_GROUP                             |
| XTR_SETTLEMENT_CATEGORIES | SETTLEMENT_CATEGORY                     | SETTLEMENT_DEFAULT_CATEGORY             |
| XTR_TAX_CATEGORIES        | TAX_CATEGORY                            | TAX_CATEGORY                            |

## Column Descriptions

| Name                        | Null?    | Type         | Description                      |
|-----------------------------|----------|--------------|----------------------------------|
| PARTY_CODE                  | NOT NULL | VARCHAR2(7)  | Refer to base table.             |
| PARTY_TYPE                  | NOT NULL | VARCHAR2(2)  | Refer to base table.             |
| SHORT_NAME                  | NOT NULL | VARCHAR2(20) | Refer to base table.             |
| FULL_NAME                   | NOT NULL | VARCHAR2(50) | Refer to base table.             |
| CREATED_BY                  | NOT NULL | VARCHAR2(30) | Refer to base table.             |
| CREATED_ON                  | NOT NULL | DATE         | Refer to base table.             |
| RISK_PARTY                  | NULL     | VARCHAR2(1)  | Refer to base table.             |
| DEFAULT_COMPANY             | NULL     | VARCHAR2(1)  | Refer to base table.             |
| UPDATED_BY                  | NULL     | VARCHAR2(30) | Refer to base table.             |
| UPDATED_ON                  | NULL     | DATE         | Refer to base table.             |
| HOME_CURRENCY               | NULL     | VARCHAR2(15) | Reporting currency for the party |
| CONTACT_NAME                | NULL     | VARCHAR2(50) | Refer to base table.             |
| PHONE_NUMBER                | NULL     | VARCHAR2(15) | Refer to base table.             |
| FAX_NUMBER                  | NULL     | VARCHAR2(15) | Refer to base table.             |
| ADDRESS_1                   | NULL     | VARCHAR2(50) | Refer to base table.             |
| ADDRESS_2                   | NULL     | VARCHAR2(50) | Refer to base table.             |
| ADDRESS_3                   | NULL     | VARCHAR2(50) | Refer to base table.             |
| ADDRESS_4                   | NULL     | VARCHAR2(50) | Refer to base table.             |
| ADDRESS_5                   | NULL     | VARCHAR2(50) | Refer to base table.             |
| ADDRESS_6                   | NULL     | VARCHAR2(50) | Refer to base table.             |
| COUNTRY_CODE                | NULL     | VARCHAR2(25) | Refer to base table.             |
| AUTHORISED                  | NULL     | VARCHAR2(1)  | Refer to base table.             |
| TAX_NUMBER                  | NULL     | VARCHAR2(20) | Refer to base table.             |
| INTERNAL_PTY                | NULL     | VARCHAR2(1)  | Refer to base table.             |
| PARTY_CATEGORY              | NULL     | VARCHAR2(2)  | Refer to base table.             |
| BROKER                      | NULL     | VARCHAR2(1)  | Refer to base table.             |
| CLIENT_YN                   | NULL     | VARCHAR2(1)  | Refer to base table.             |
| CROSS_REF_TO_OTHER_PARTY    | NULL     | VARCHAR2(7)  | Refer to base table.             |
| CLIENT_GROUPING             | NULL     | VARCHAR2(7)  | Refer to base table.             |
| STATE_CODE                  | NULL     | VARCHAR2(3)  | Refer to base table.             |
| TITLE_DESCRIPTION           | NULL     | VARCHAR2(50) | Refer to base table.             |
| PARTY_GROUP                 | NULL     | VARCHAR2(7)  | Refer to base table.             |
| SETTLEMENT_DEFAULT_CATEGORY | NULL     | VARCHAR2(7)  | Refer to base table.             |
| TAX_CATEGORY                | NULL     | VARCHAR2(7)  | Refer to base table.             |
| BROKERAGE_CATEGORY          | NULL     | VARCHAR2(7)  | Refer to base table.             |
| TAX_EXEMPTION_CODE          | NULL     | VARCHAR2(15) | Refer to base table.             |
| CLIENT_ADVICE               | NULL     | VARCHAR2(1)  | Refer to base table.             |
| CLIENT_AGENT1               | NULL     | VARCHAR2(20) | Refer to base table.             |
| CLIENT_AGENT2               | NULL     | VARCHAR2(20) | Refer to base table.             |
| CLIENT_AGENT3               | NULL     | VARCHAR2(20) | Refer to base table.             |
| ACCOUNT_MANAGER             | NULL     | VARCHAR2(10) | Refer to base table.             |
| AUDIT_INDICATOR             | NULL     | VARCHAR2(1)  | Refer to base table.             |
| ADVISOR_YN                  | NULL     | VARCHAR2(1)  | Refer to base table.             |

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Column Descriptions (Continued)

| Name                    | Null?    | Type          | Description          |
|-------------------------|----------|---------------|----------------------|
| VALUER_YN               | NULL     | VARCHAR2(1)   | Refer to base table. |
| P_ADDRESS_1             | NULL     | VARCHAR2(50)  | Refer to base table. |
| P_ADDRESS_2             | NULL     | VARCHAR2(50)  | Refer to base table. |
| P_ADDRESS_3             | NULL     | VARCHAR2(50)  | Refer to base table. |
| P_ADDRESS_4             | NULL     | VARCHAR2(50)  | Refer to base table. |
| EMAIL_ADDRESS           | NULL     | VARCHAR2(40)  | Refer to base table. |
| DEPOSIT_REF             | NULL     | VARCHAR2(10)  | Refer to base table. |
| COMMENTS                | NULL     | VARCHAR2(255) | Refer to base table. |
| ACCOUNT_STATUS          | NULL     | VARCHAR2(14)  | Refer to base table. |
| CONFO_GROUP_CODE        | NULL     | VARCHAR2(20)  | Refer to base table. |
| CONFO_ACTION_CODE       | NULL     | VARCHAR2(20)  | Refer to base table. |
| PI_CONSTANT             | NULL     | VARCHAR2(1)   | Refer to base table. |
| PAGER_NUMBER            | NULL     | NUMBER        | Refer to base table. |
| BRANCH_SUBSIDIARY_CODE  | NULL     | VARCHAR2(7)   | Refer to base table. |
| BRANCH_SUBSIDIARY_YN    | NULL     | VARCHAR2(1)   | Refer to base table. |
| DEFAULT_ADDRESS_DETAILS | NULL     | VARCHAR2(1)   | Refer to base table. |
| SWIFT_ID                | NULL     | VARCHAR2(11)  | Refer to base table. |
| FX_MATCH_ID             | NULL     | VARCHAR2(11)  | Refer to base table. |
| FX_CPARTY               | NULL     | VARCHAR2(1)   | Refer to base table. |
| MM_CPARTY               | NULL     | VARCHAR2(1)   | Refer to base table. |
| LEGAL_ENTITY_ID         | NULL     | NUMBER(15)    | Refer to base table. |
| SUSPENSE_CCID           | NULL     | NUMBER(15)    | Refer to base table. |
| CONVERSION_TYPE         | NOT NULL | VARCHAR2(30)  | Refer to base table. |
| SET_OF_BOOKS_ID         | NULL     | NUMBER(15)    | Refer to base table. |
| CHART_OF_ACCOUNTS_ID    | NULL     | NUMBER(15)    | Refer to base table. |

## XTR\_PARTY\_DEFAULTS

XTR\_PARTY\_DEFAULTS contains the default settlement actions for short term money deal transactions for a specific counterparty or client. Each row includes a system generated, unique transaction number, as well as the party, deal type, deal subtype, product type, settlement actions (repaid or renegotiated), and the interest frequency for the deal.

This table corresponds to the Default Settlement Actions window.

### Foreign Keys

| Primary Key Table         | Primary Key Column  | Foreign Key Column          |
|---------------------------|---------------------|-----------------------------|
| XTR_BROKERAGE_CATEGORIES  | BROKERAGE_CATEGORY  | BROKERAGE_CATEGORY          |
| XTR_SETTLEMENT_CATEGORIES | SETTLEMENT_CATEGORY | SETTLEMENT_DEFAULT_CATEGORY |
| XTR_TAX_BROKERAGE_SETUP   | REFERENCE_CODE      | BROKERAGE_REFERENCE         |
| XTR_TAX_BROKERAGE_SETUP   | REFERENCE_CODE      | TAX_REFERENCE               |
| XTR_TAX_CATEGORIES        | TAX_CATEGORY        | TAX_CATEGORY                |

### Column Descriptions

| Name                        | Null?    | Type         | Description  |
|-----------------------------|----------|--------------|--|
| TRANSACTION_NUMBER (PK)     | NOT NULL | NUMBER       | Unique reference number assigned to a transaction  |
| AUDIT_DATE_STORED           | NULL     | DATE         | Not currently used   |
| AUDIT_INDICATOR             | NULL     | VARCHAR2(1)  | Not currently used   |
| BROKERAGE_CATEGORY          | NULL     | VARCHAR2(7)  | Counterparty brokerage category  |
| BROKERAGE_REFERENCE         | NULL     | VARCHAR2(7)  | Counterparty brokerage reference   |
| DEAL_SUBTYPE                | NULL     | VARCHAR2(7)  | Code for deal executions permissible within a deal type  |
| DEAL_TYPE                   | NULL     | VARCHAR2(7)  | Code for high level deals  |
| DEFAULT_TYPE                | NULL     | VARCHAR2(1)  | Flag to indicate whether the row contains brokerage details (B), tax details (T), or default settlement actions (S) (Treasury internal use only) |
| DFLT_INTEREST_ACTION        | NULL     | VARCHAR2(1)  | Default interest action for settlement (P for Repay or R for Renegotiate)  |
| DFLT_PRINCIPAL_ACTION       | NULL     | VARCHAR2(1)  | Default principal action for settlement (P for Repay or R for Renegotiate)   |
| FREQ_INTEREST_SETTLED       | NULL     | VARCHAR2(1)  | Interest frequency which defines how often interest payments will be settled   |
| INTEREST_SETTLED_BY         | NULL     | VARCHAR2(1)  | Client default settlement action for the interest (A for Account, or D for Direct)   |
| PARTY_CODE                  | NULL     | VARCHAR2(7)  | Party code   |
| PRINCIPAL_SETTLED_BY        | NULL     | VARCHAR2(1)  | Client default settlement action for the principal (A for Account or D for Direct)   |
| PRODUCT_TYPE                | NULL     | VARCHAR2(10) | Code for products used in a deal type  |
| SETTLEMENT_DEFAULT_CATEGORY | NULL     | VARCHAR2(7)  | Counterparty settlement category   |
| TAX_CATEGORY                | NULL     | VARCHAR2(7)  | Counterparty tax category  |
| TAX_REFERENCE               | NULL     | VARCHAR2(7)  | Counterparty tax reference   |

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*Column Descriptions (Continued)*

| Name       | Null?    | Type         | Description                       |
|------------|----------|--------------|-----------------------------------|
| UPDATED_BY | NULL     | VARCHAR2(30) | User who last updated this record |
| UPDATED_ON | NULL     | DATE         | Date this record was last updated |
| CREATED_BY | NOT NULL | VARCHAR2(30) | User who created this record      |
| CREATED_ON | NOT NULL | DATE         | Date this record was created      |

*Indexes*

| Index Name           | Index Type | Sequence | Column Name        |
|----------------------|------------|----------|--------------------|
| XTR_PARTY_DEFAULT_N1 | NOT UNIQUE | 1        | TAX_CATEGORY       |
|                      |            | 2        | BROKERAGE_CATEGORY |
|                      |            | 3        | PARTY_CODE         |
|                      |            | 4        | DEAL_TYPE          |
|                      |            | 5        | DEAL_SUBTYPE       |
|                      |            | 6        | PRODUCT_TYPE       |

*Database Triggers*

Trigger Name : XTR\_AU\_PARTY\_DEFAULTS\_T  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

This after update trigger maintains the audit table for default settlement actions.

# XTR\_PARTY\_GROUPS

XTR\_PARTY\_GROUPS contains information on user-defined party groups. Party groups associate parties that serve similar functions, such as "investment banks".

This table corresponds to the Party Group Codes window.

Column Descriptions

| Name            | Null?    | Type         | Description             |
|-----------------|----------|--------------|-------------------------|
| DESCRIPTION     | NOT NULL | VARCHAR2(35) | Party group description |
| GROUP_CODE (PK) | NOT NULL | VARCHAR2(7)  | Party group code        |

## XTR\_PARTY\_INFO

XTR\_PARTY\_INFO contains general information about all companies and counterparties in Treasury. Each row corresponds to a party and contains the party's contact information such as address, phone number, and tax information. The PARTY\_TYPE column indicates whether the party is a company or a counterparty.

### Foreign Keys

| Primary Key Table         | Primary Key Column   | Foreign Key Column          |
|---------------------------|----------------------|-----------------------------|
| GL_DAILY_CONVERSION_TYPES | CONVERSION_TYPE      | CONVERSION_TYPE             |
| GL_SETS_OF_BOOKS          | SET_OF_BOOKS_ID      | SET_OF_BOOKS_ID             |
|                           | CHART_OF_ACCOUNTS_ID | CHART_OF_ACCOUNTS_ID        |
| XTR_BROKERAGE_CATEGORIES  | BROKERAGE_CATEGORY   | BROKERAGE_CATEGORY          |
| XTR_SETTLEMENT_CATEGORIES | SETTLEMENT_CATEGORY  | SETTLEMENT_DEFAULT_CATEGORY |
| XTR_TAX_CATEGORIES        | TAX_CATEGORY         | TAX_CATEGORY                |

### Column Descriptions

| Name                   | Null? | Type         | Description   |
|------------------------|-------|--------------|---|
| ACCOUNT_MANAGER        | NULL  | VARCHAR2(10) | Cparty account manager  |
| ACCOUNT_STATUS         | NULL  | VARCHAR2(14) | Not currently used  |
| ADDRESS_1              | NULL  | VARCHAR2(50) | (Cparty) contact name or (company) address line 1   |
| ADDRESS_2              | NULL  | VARCHAR2(50) | (Cparty) mailing address line 1 or (company) address line 2   |
| ADDRESS_3              | NULL  | VARCHAR2(50) | (Cparty) mailing address line 2 or (company) address line 3   |
| ADDRESS_4              | NULL  | VARCHAR2(50) | (Cparty) mailing address line 3 or (company) address line 4   |
| ADDRESS_5              | NULL  | VARCHAR2(50) | (Cparty) mailing address line 4 or (company) address line 5   |
| ADDRESS_6              | NULL  | VARCHAR2(50) | (Cparty) mailing address line 5 or (company) address line 6   |
| ADVISOR_YN             | NULL  | VARCHAR2(1)  | Flag to indicate if the counterparty acts as a legal or accounting advisor (Y), or not (N)                      |
| AUDIT_INDICATOR        | NULL  | VARCHAR2(1)  | Not currently used  |
| AUTHORISED             | NULL  | VARCHAR2(1)  | Flag to indicate if the party is authorized (Y), or not (N). Companies are always authorized.                   |
| BRANCH_SUBSIDIARY_CODE | NULL  | VARCHAR2(7)  | Not currently used  |
| BRANCH_SUBSIDIARY_YN   | NULL  | VARCHAR2(1)  | Not currently used  |
| BROKER                 | NULL  | VARCHAR2(1)  | Not currently used  |
| BROKERAGE_CATEGORY     | NULL  | VARCHAR2(7)  | Counterparty brokerage category   |
| CLIENT_ADVICE          | NULL  | VARCHAR2(1)  | Flag to indicate if confirmation advice letter is required for the party's confirmation actions (Y), or not (N) |
| CLIENT_AGENT1          | NULL  | VARCHAR2(20) | Party that provides legal service for the counterparty  |
| CLIENT_AGENT2          | NULL  | VARCHAR2(20) | Party that provides accounting service for the counterparty   |
| CLIENT_AGENT3          | NULL  | VARCHAR2(20) | Party that provides an 'Other' service for the counterparty   |
| CLIENT_GROUPING        | NULL  | VARCHAR2(7)  | Client group code   |

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Column Descriptions (Continued)

| Name                        | Null?    | Type          | Description  |
|-----------------------------|----------|---------------|--|
| CLIENT_YN                   | NULL     | VARCHAR2(1)   | Flag to indicate if the counterparty is a client (Y), or not (N)                       |
| COMMENTS                    | NULL     | VARCHAR2(255) | Comments for the counterparty  |
| CONFO_ACTION_CODE           | NULL     | VARCHAR2(20)  | Not currently used   |
| CONFO_GROUP_CODE            | NULL     | VARCHAR2(20)  | Confirmation group code  |
| CONTACT_NAME                | NULL     | VARCHAR2(50)  | Name of the contact party for a deal   |
| COUNTRY_CODE                | NULL     | VARCHAR2(2)   | Country code   |
| CREATED_BY                  | NOT NULL | VARCHAR2(30)  | User who created this record   |
| CREATED_ON                  | NOT NULL | DATE          | Date this record was created   |
| CROSS_REF_TO_OTHER_PARTY    | NULL     | VARCHAR2(7)   | Party cross reference  |
| DEFAULT_ADDRESS_DETAILS     | NULL     | VARCHAR2(1)   | Flag to indicate if a set of address details should be set as default (Y), or not (N)  |
| DEFAULT_COMPANY             | NULL     | VARCHAR2(1)   | Flag to indicate if a company should be set as default (Y), or not (N)                 |
| DEPOSIT_REF                 | NULL     | VARCHAR2(10)  | Reference to a deposit made  |
| EMAIL_ADDRESS               | NULL     | VARCHAR2(40)  | Email address of a party   |
| FAX_NUMBER                  | NULL     | VARCHAR2(15)  | Fax number of a party  |
| FULL_NAME                   | NOT NULL | VARCHAR2(50)  | Full name of a party   |
| FX_MATCH_ID                 | NULL     | VARCHAR2(11)  | Identifier used in Citibank's foreign exchange deal confirmation and matching services |
| INTERNAL_PTY                | NULL     | VARCHAR2(1)   | Flag to indicate if the party is an internal party (Y), or not (N)                     |
| PAGER_NUMBER                | NULL     | NUMBER        | Pager number of a party  |
| PARTY_CATEGORY              | NULL     | VARCHAR2(2)   | Not currently used   |
| PARTY_CODE (PK)             | NOT NULL | VARCHAR2(7)   | Party code   |
| PARTY_GROUP                 | NULL     | VARCHAR2(7)   | Deal confirmation group to which the party belongs                                     |
| PARTY_TYPE                  | NOT NULL | VARCHAR2(2)   | Indicates if the party is a company or a counterparty                                  |
| PHONE_NUMBER                | NULL     | VARCHAR2(15)  | Phone number of party  |
| PI_CONSTANT                 | NULL     | VARCHAR2(1)   | Not currently used   |
| P_ADDRESS_1                 | NULL     | VARCHAR2(50)  | Physical address line 1  |
| P_ADDRESS_2                 | NULL     | VARCHAR2(50)  | Physical address line 2  |
| P_ADDRESS_3                 | NULL     | VARCHAR2(50)  | Physical address line 3  |
| P_ADDRESS_4                 | NULL     | VARCHAR2(50)  | Physical address line 4  |
| RISK_PARTY                  | NULL     | VARCHAR2(1)   | Flag to determine if the party is a risk party (Y), or not (N)                         |
| SETTLEMENT_DEFAULT_CATEGORY | NULL     | VARCHAR2(7)   | Counterparty settlement category   |
| SHORT_NAME                  | NOT NULL | VARCHAR2(20)  | Counterparty short name  |
| STATE_CODE                  | NULL     | VARCHAR2(3)   | Counterparty state code  |
| SWIFT_ID                    | NULL     | VARCHAR2(11)  | Bank transit identifier  |
| TAX_CATEGORY                | NULL     | VARCHAR2(7)   | Tax category   |
| TAX_EXEMPTION_CODE          | NULL     | VARCHAR2(15)  | Counterparty tax exemption code  |
| TAX_NUMBER                  | NULL     | VARCHAR2(20)  | Number under which the counterparty files tax  |
| TITLE_DESCRIPTION           | NULL     | VARCHAR2(50)  | Counterparty contact title   |
| UPDATED_BY                  | NULL     | VARCHAR2(30)  | User who last updated this record  |
| UPDATED_ON                  | NULL     | DATE          | Date this record was last updated  |

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*Column Descriptions (Continued)*

| Name                 | Null? | Type         | Description  |
|----------------------|-------|--------------|--|
| VALUER_YN            | NULL  | VARCHAR2(1)  | Flag to determine if the party is a valuer (Y), or not (N)                         |
| FX_CPARTY            | NULL  | VARCHAR2(1)  | Flag to indicate if that party is involved in foreign exchange (Y), or not (N)     |
| MM_CPARTY            | NULL  | VARCHAR2(1)  | Flag to indicate if a counterparty is involved in the money market (Y), or not (N) |
| LEGAL_ENTITY_ID      | NULL  | NUMBER(15)   | Legal entity identifier  |
| SUSPENSE_CCID        | NULL  | NUMBER(15)   | Suspense account identifier  |
| CONVERSION_TYPE      | NULL  | VARCHAR2(30) | Exchange rate type   |
| SET_OF_BOOKS_ID      | NULL  | NUMBER(15)   | Set of books identifier  |
| CHART_OF_ACCOUNTS_ID | NULL  | NUMBER(15)   | Key flexfield structure defining column  |

*Indexes*

| Index Name        | Index Type | Sequence | Column Name |
|-------------------|------------|----------|-------------|
| XTR_PARTY_INFO_N1 | NOT UNIQUE | 2        | PARTY_TYPE  |
| XTR_PARTY_INFO_U1 | UNIQUE     | 2        | PARTY_CODE  |

*Database Triggers*

Trigger Name : XTR\_AU\_PARTY\_INFO\_T  
 Trigger Time : AFTER  
 Trigger Level : ROW  
 Trigger Event : UPDATE

This after update trigger maintains the audit table for party information.

## XTR\_PAYMENT\_SCHEDULE

XTR\_PAYMENT\_SCHEDULE contains payment schedule information for retail term money deal transactions. Each row includes the deal subtype, product type, schedule code and description for the retail term money deal. The payment frequency and calculation type are used to calculate the regular payments for retail term money deal transactions.

This table corresponds to the Payment Schedules window.

### Column Descriptions

| Name                       | Null?    | Type         | Description  |
|----------------------------|----------|--------------|--|
| DEAL_TYPE                  | NOT NULL | VARCHAR2(7)  | Code for high level deals  |
| PRODUCT_TYPE (PK)          | NOT NULL | VARCHAR2(10) | Code for products used in a deal type  |
| DEAL_SUBTYPE (PK)          | NOT NULL | VARCHAR2(7)  | Code for deal executions permissible within a deal type  |
| PAYMENT_SCHEDULE_CODE (PK) | NOT NULL | VARCHAR2(7)  | Payment schedule code  |
| DESCRIPTION                | NULL     | VARCHAR2(20) | Payment schedule description   |
| DEFAULT_YN                 | NULL     | VARCHAR2(1)  | Flag to indicate if the payment schedule is the default one (Y), or not (N)                                |
| PAYMENT_FREQUENCY          | NULL     | VARCHAR2(12) | Payment frequency  |
| POST_MONTHS_FORWARD        | NULL     | VARCHAR2(3)  | Number of months from current date payment transactions are to be posted                                   |
| CALC_TYPE                  | NULL     | VARCHAR2(7)  | Repayment calculation type   |
| ADJUST_ON_SETTLE           | NULL     | VARCHAR2(1)  | Not currently used   |
| INTEREST_ACTION            | NULL     | VARCHAR2(8)  | Not currently used (Treasury always defaults 'SETTLE')   |
| JAN_YN                     | NULL     | VARCHAR2(1)  | Flag to indicate if January is part of the payment schedule (only applies if payment frequency is Ad Hoc)  |
| FEB_YN                     | NULL     | VARCHAR2(1)  | Flag to indicate if February is part of the payment schedule (only applies if payment frequency is Ad Hoc) |
| MAR_YN                     | NULL     | VARCHAR2(1)  | Flag to indicate if March is part of the payment schedule (only applies if payment frequency is Ad Hoc)    |
| APR_YN                     | NULL     | VARCHAR2(1)  | Flag to indicate if April is part of the payment schedule (only applies if payment frequency is Ad Hoc)    |
| MAY_YN                     | NULL     | VARCHAR2(1)  | Flag to indicate if May is part of the payment schedule (only applies if payment frequency is Ad Hoc)      |
| JUN_YN                     | NULL     | VARCHAR2(1)  | Flag to indicate if June is part of the payment schedule (only applies if payment frequency is Ad Hoc)     |
| JUL_YN                     | NULL     | VARCHAR2(1)  | Flag to indicate if July is part of the payment schedule (only applies if payment frequency is Ad Hoc)     |

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Column Descriptions (Continued)

| Name             | Null? | Type        | Description   |
|------------------|-------|-------------|---|
| AUG_YN           | NULL  | VARCHAR2(1) | Flag to indicate if August is part of the payment schedule (only applies if payment frequency is Ad Hoc)    |
| SEP_YN           | NULL  | VARCHAR2(1) | Flag to indicate if September is part of the payment schedule (only applies if payment frequency is Ad Hoc) |
| OCT_YN           | NULL  | VARCHAR2(1) | Flag to indicate if October is part of the payment schedule (only applies if payment frequency is Ad Hoc)   |
| NOV_YN           | NULL  | VARCHAR2(1) | Flag to indicate if November is part of the payment schedule (only applies if payment frequency is Ad Hoc)  |
| DEC_YN           | NULL  | VARCHAR2(1) | Flag to indicate if December is part of the payment schedule (only applies if payment frequency is Ad Hoc)  |
| MIN_POSTINGS     | NULL  | NUMBER      | Minimum number of payment transactions posted   |
| POSTING_FREQ     | NULL  | NUMBER      | Payment transaction posting frequency   |
| NEXT_POSTING_DUE | NULL  | DATE        | Next posting date of payment transactions   |

## XTR\_PAY\_REC\_RECONCILIATION

XTR\_PAY\_REC\_RECONCILIATION contains information on successfully transferred bank statements. Each row corresponds to one statement line. Along with the transaction information, such as amount, date, and party, each row also contains the reconciliation status information for the statement line. When a statement line is reconciled, a reference number and the pass code used for the reconciliation are stored in the RECONCILED\_REFERENCE and RECONCILED\_PASS\_CODE columns respectively. These two values are also applied to the to the RECONCILED\_REFERENCE and RECONCILED\_PASS\_CODE columns in the XTR\_DEAL\_DATE\_AMOUNTS table.

This table corresponds to the Unreconciled Records region of the Manual Reconciliation window and the Review Reconciled Items and Verify Reconciled Items regions in the Reconciliation Process window.

### Foreign Keys

| Primary Key Table          | Primary Key Column   | Foreign Key Column   |
|----------------------------|----------------------|----------------------|
| XTR_IMPORT_TRAILER_DETAILS | IMPORT_REFERENCE     | IMPORT_REFERENCE     |
| XTR_RECONCILIATION_PASSES  | RECONCILED_PASS_CODE | RECONCILED_PASS_CODE |

### Column Descriptions

| Name                 | Null?    | Type          | Description  |
|----------------------|----------|---------------|--|
| COMMENTS             | NULL     | VARCHAR2(150) | Comments for the transferred transaction   |
| CONFIRMATION_STATUS  | NULL     | VARCHAR2(1)   | Flag to indicate if the statement transaction has been manually reconciled (M) or unreconciled (U) or neither (null value) |
| CONFIRMED_BY         | NULL     | VARCHAR2(10)  | User who performed the manual confirmation   |
| CONFIRMED_ON         | NULL     | DATE          | Date on which the manual confirmation was performed  |
| CREDIT_AMOUNT        | NULL     | NUMBER        | Credit amount  |
| DEBIT_AMOUNT         | NULL     | NUMBER        | Debit amount   |
| IMPORT_REFERENCE     | NOT NULL | NUMBER        | Sequence number which uniquely identifies the imported statement line  |
| PARTICULARS          | NULL     | VARCHAR2(12)  | Deal number to which the statement line is reconciled  |
| PARTY_NAME           | NULL     | VARCHAR2(20)  | Counterparty name  |
| RECONCILED_PASS_CODE | NULL     | VARCHAR2(2)   | Pass code used to reconcile the statement line   |
| RECONCILED_REFERENCE | NULL     | NUMBER        | Unique identifier linking the statement line with its reconciled transaction in the deal date amounts table                |
| RECORD_TYPE          | NULL     | VARCHAR2(2)   | Code that identifies if the record is a statement header (00), statement line (01), or statement trailer (02)              |
| SERIAL_REFERENCE     | NULL     | VARCHAR2(12)  | Not currently used   |

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VALUE\_DATE

NOT NULL DATE

Statement value date

Indexes

| Index Name                    | Index Type | Sequence | Column Name      |
|-------------------------------|------------|----------|------------------|
| XTR_PAY_REC_RECONCILIATION_N1 | NOT UNIQUE | 5        | IMPORT_REFERENCE |

## XTR\_PORTFOLIOS

XTR\_PORTFOLIOS contains a company's portfolio information. Portfolios are used to group deals for accounting purposes. Each row corresponds to one portfolio name for a company. A company may have multiple portfolios, but it must have at least one internal portfolio.

This table corresponds to the Portfolio Codes window.

### Column Descriptions

| Name                       | Null?    | Type         | Description  |
|----------------------------|----------|--------------|--|
| AS_PRINCIPAL               | NULL     | VARCHAR2(1)  | Flag to indicate if company is principal in a transaction (Y), or not (N)            |
| AUDIT_INDICATOR            | NULL     | VARCHAR2(1)  | Not currently used   |
| BROKERAGE_FREQ             | NULL     | VARCHAR2(1)  | Not currently used   |
| CMF_YN                     | NULL     | VARCHAR2(1)  | Flag to indicate if portfolio is a cash management fund (Y), or not (N)              |
| COMPANY_CODE (PK)          | NOT NULL | VARCHAR2(7)  | Company code   |
| DEFAULT_PORTFOLIO          | NOT NULL | VARCHAR2(1)  | Flag to indicate that the portfolio is an internal default portfolio (Y), or not (N) |
| EXTERNAL_DEFAULT_PORTFOLIO | NULL     | VARCHAR2(1)  | External default portfolio   |
| EXTERNAL_PARTY             | NULL     | VARCHAR2(7)  | External party   |
| EXTERNAL_PORTFOLIO         | NULL     | VARCHAR2(1)  | Flag to indicate that the portfolio is an external portfolio (Y), or not (N)         |
| INTEREST_FREQ              | NULL     | VARCHAR2(1)  | Interest frequency   |
| LAST_BROKERAGE_SETTLEMENT  | NULL     | DATE         | Date of last brokerage settlement  |
| LAST_INTEREST_SETTLEMENT   | NULL     | DATE         | Date of last interest settlement   |
| NAME                       | NOT NULL | VARCHAR2(20) | Portfolio name   |
| PHYSICAL_PORTFOLIO_ACCT    | NULL     | VARCHAR2(20) | Not currently used   |
| PORTFOLIO (PK)             | NOT NULL | VARCHAR2(7)  | Code for grouping deals under a single portfolio                                     |
| UPDATED_BY                 | NULL     | VARCHAR2(30) | User who last updated this record  |
| UPDATED_ON                 | NULL     | DATE         | Date this record was last updated  |
| CREATED_BY                 | NOT NULL | VARCHAR2(30) | User who created this record   |
| CREATED_ON                 | NOT NULL | DATE         | Date this record was created   |

### Indexes

| Index Name        | Index Type | Sequence | Column Name  |
|-------------------|------------|----------|--------------|
| XTR_PORTFOLIOS_N1 | NOT UNIQUE | 2        | COMPANY_CODE |
| XTR_PORTFOLIOS_U1 | UNIQUE     | 1        | PORTFOLIO    |
|                   |            | 2        | COMPANY_CODE |

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### *Database Triggers*

Trigger Name : XTR\_AU\_PORTFOLIOS\_T  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

This after update trigger maintains the audit table for company portfolios.

## XTR\_POSITION\_HISTORY

XTR\_POSITION\_HISTORY contains daily records of balances and rates for all deal transactions that were current at a given time. Each row corresponds to the balance and rate for a deal transaction on a given date. The data in this table is maintained by database triggers in the XTR\_DEALS, XTR\_ROLLOVER\_TRANSACTIONS, XTR\_INTERGROUP\_TRANSFERS, and XTR\_BANK\_BALANCES tables. This table also contains database triggers that maintain the summarized information in the XTR\_COST\_OF\_FUNDS table.

This table corresponds to the View Deal Details window in the View Average Rates form.

### Column Descriptions

| Name                 | Null?    | Type         | Description   |
|----------------------|----------|--------------|---|
| ACCOUNT_NO           | NULL     | VARCHAR2(20) | Alpha-numeric reference to financial accounts of Treasury parties                   |
| AS_AT_DATE           | NOT NULL | DATE         | As of date  |
| BASE_REF_AMOUNT      | NOT NULL | NUMBER       | Face value amount   |
| BASE_RATE            | NULL     | NUMBER       | Transaction rate  |
| COMPANY_CODE         | NOT NULL | VARCHAR2(7)  | Company code  |
| CONTRA_CCY           | NULL     | VARCHAR2(15) | Contra currency in a foreign exchange currency quote                                |
| CURRENCY             | NOT NULL | VARCHAR2(15) | Currency code   |
| CURRENCY_COMBINATION | NULL     | VARCHAR2(31) | Currency quotations which combine a base and a contra currency                      |
| DEAL_NUMBER          | NULL     | NUMBER       | Unique number assigned to each deal   |
| DEAL_SUBTYPE         | NULL     | VARCHAR2(7)  | Code for deal executions permissible within a deal type                             |
| DEAL_TYPE            | NOT NULL | VARCHAR2(7)  | Code for high level deals   |
| HCE_BASE_REF_AMOUNT  | NULL     | NUMBER       | Face value amount in reporting currency equivalent                                  |
| CPARTY_CODE          | NULL     | VARCHAR2(7)  | Counterparty code   |
| PORTFOLIO_CODE       | NULL     | VARCHAR2(7)  | Code for grouping deals under a single portfolio                                    |
| PRODUCT_TYPE         | NULL     | VARCHAR2(10) | Code for products used in a deal type   |
| STATUS_CODE          | NULL     | VARCHAR2(10) | Code for the execution status of deals and transactions                             |
| TRANSACTION_NUMBER   | NULL     | NUMBER       | Unique reference number assigned to a transaction                                   |
| TRANSACTION_RATE     | NULL     | NUMBER       | Transaction rate (for example, foreign exchange rate or money market interest rate) |
| YEAR_CALC_TYPE       | NULL     | VARCHAR2(15) | Day count basis which defines the way in which interest accrues over time           |

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### *Indexes*

| <u>Index Name</u>       | <u>Index Type</u> | <u>Sequence</u> | <u>Column Name</u> |
|-------------------------|-------------------|-----------------|--------------------|
| XTR_POSITION_HISTORY_N1 | NOT UNIQUE        | 5               | AS_AT_DATE         |
|                         |                   | 10              | DEAL_TYPE          |
|                         |                   | 15              | DEAL_NUMBER        |
|                         |                   | 20              | TRANSACTION_NUMBER |
| XTR_POSITION_HISTORY_N2 | NOT UNIQUE        | 5               | COMPANY_CODE       |

### *Database Triggers*

Trigger Name : XTR\_AIUD\_POSITION\_HIST\_T  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : INSERT, UPDATE, DELETE

This after insert, update, or delete trigger maintains the cost of funds table.

## XTR\_PRODUCT\_TYPES

XTR\_PRODUCT\_TYPES contains the user-defined product types. Product types are used to identify a specific product within a deal type. Each row corresponds to one product type and its corresponding deal type. Each deal type must exist in the XTR\_DEAL\_TYPES table. A deal type may have many product types. A product type can also be associated to many deal types.

This table correspond to the Deal Type/Deal Subtypes/Product Types window.

### Foreign Keys

| Primary Key Table | Primary Key Column | Foreign Key Column |
|-------------------|--------------------|--------------------|
| XTR_DEAL_TYPES    | DEAL_TYPE          | DEAL_TYPE          |

### Column Descriptions

| Name              | Null?    | Type         | Description   |
|-------------------|----------|--------------|---|
| AUDIT_INDICATOR   | NULL     | VARCHAR2(1)  | Not currently used  |
| CALC_BASIS        | NULL     | VARCHAR2(8)  | Basis on which deduction is calculated                        |
| CLIENT_ADVICE     | NULL     | VARCHAR2(1)  | Not currently used  |
| CPARTY_ADVICE     | NULL     | VARCHAR2(1)  | Not currently used  |
| DEAL_TYPE (PK)    | NOT NULL | VARCHAR2(7)  | Code for high level deals                                     |
| PRODUCT_AUTH      | NOT NULL | VARCHAR2(1)  | Flag to indicate if the product is authorized (Y), or not (N) |
| PRODUCT_TYPE (PK) | NOT NULL | VARCHAR2(10) | Code for products used in a deal type                         |
| PRODUCT_DESC      | NOT NULL | VARCHAR2(80) | Product description   |
| REVAL_CROSS_REF   | NULL     | VARCHAR2(20) | Not currently used  |
| UPDATED_BY        | NULL     | VARCHAR2(30) | User who last updated this record                             |
| UPDATED_ON        | NULL     | DATE         | Date this record was last updated                             |
| CREATED_BY        | NOT NULL | VARCHAR2(30) | User who created this record                                  |
| CREATED_ON        | NOT NULL | DATE         | Date this record was created                                  |

### Indexes

| Index Name           | Index Type | Sequence | Column Name               |
|----------------------|------------|----------|---------------------------|
| XTR_PRODUCT_TYPES_U1 | UNIQUE     | 2<br>4   | DEAL_TYPE<br>PRODUCT_TYPE |

### Database Triggers

Trigger Name : XTR\_AU\_PRODUCT\_TYPES\_T  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

This after update trigger maintains the audit table for product types.

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## XTR\_PRO\_PARAM

XTR\_PRO\_PARAM contains the system parameters settings. Each row defines one system parameter and its value.

This table corresponds to the System Parameter window.

### Column Descriptions

| Name                | Null?    | Type          | Description                           |
|---------------------|----------|---------------|---------------------------------------|
| AUDIT_INDICATOR     | NULL     | VARCHAR2(1)   | Not currently used                    |
| DESCRIPTION         | NULL     | VARCHAR2(250) | Treasury system parameter description |
| PARAM_NAME          | NOT NULL | VARCHAR2(50)  | Treasury system parameter name        |
| PARAM_TYPE          | NULL     | VARCHAR2(7)   | Treasury system parameter type        |
| PARAM_VALUE         | NULL     | VARCHAR2(50)  | Treasury system parameter value       |
| UNIQUE_REF_NUM (PK) | NOT NULL | NUMBER        | Treasury system parameter identifier  |
| UPDATED_BY          | NULL     | VARCHAR2(30)  | User who last updated this record     |
| UPDATED_ON          | NULL     | DATE          | Date this record was last updated     |
| CREATED_BY          | NOT NULL | VARCHAR2(30)  | User who created this record          |
| CREATED_ON          | NOT NULL | DATE          | Date this record was created          |

### Indexes

| Index Name       | Index Type | Sequence | Column Name |
|------------------|------------|----------|-------------|
| XTR_PRO_PARAM_U1 | UNIQUE     | 2        | PARAM_NAME  |

### Database Triggers

Trigger Name : XTR\_AU\_PRO\_PARAM\_T  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

This after update trigger maintains the audit table for Treasury system parameters.

## XTR\_QUICK\_INPUT\_DEALS

XTR\_QUICK\_INPUT\_DEALS contains the information for short term money or foreign exchange deals that was entered in the Quick Deals window. Each row corresponds to either a complete or an incomplete deal. The only valid values for the DEAL\_TYPE column are FX (foreign exchange) or ONC (short term money).

This table corresponds to the Quick Deals window.

### Column Descriptions

| Name                 | Null?    | Type         | Description  |
|----------------------|----------|--------------|--|
| AMOUNT_TYPE          | NULL     | VARCHAR2(7)  | Code that identifies the purpose of the amounts for a deal type                          |
| BASE_AMOUNT          | NULL     | NUMBER       | Amount of deal   |
| CLIENT_CODE          | NULL     | VARCHAR2(7)  | Client for which the deal is made  |
| COMPANY_CODE         | NULL     | VARCHAR2(7)  | Company code   |
| CPARTY_CODE          | NULL     | VARCHAR2(7)  | Counterparty code  |
| CREATED_BY           | NULL     | VARCHAR2(30) | User who created this record   |
| CREATED_ON           | NULL     | DATE         | Date this record was created   |
| CURRENCY1            | NULL     | VARCHAR2(15) | Buy currency for foreign exchange deals  |
| CURRENCY2            | NULL     | VARCHAR2(15) | Sell currency for foreign exchange deals   |
| DEALER_CODE          | NULL     | VARCHAR2(10) | Code for Treasury users  |
| DEAL_DATE            | NULL     | DATE         | Date the deal is made  |
| DEAL_NO              | NULL     | NUMBER       | Unique number assigned to each deal  |
| DEAL_SUBTYPE         | NULL     | VARCHAR2(7)  | Code for deal executions permissible within a deal type                                  |
| DEAL_TYPE            | NULL     | VARCHAR2(7)  | Code for high level deals  |
| FULL_INPUT_COMPLETED | NULL     | VARCHAR2(1)  | Flag to determine if all details have been entered in a quick input deal (Y), or not (N) |
| FX_SWAP_RATE         | NULL     | NUMBER       | Foreign exchange swap rate   |
| ISSUE_CODE           | NULL     | VARCHAR2(7)  | Not currently used   |
| MATURITY_DATE        | NULL     | DATE         | Date the deal matures or an action is required   |
| PORTFOLIO_CODE       | NULL     | VARCHAR2(7)  | Code for grouping deals under a single portfolio   |
| PREMIUM_AMOUNT       | NULL     | NUMBER       | Not currently used   |
| PRODUCT_TYPE         | NULL     | VARCHAR2(10) | Code for products used in a deal type  |
| PUT_CALL             | NULL     | VARCHAR2(1)  | Not currently used   |
| QUOTE_NO             | NOT NULL | NUMBER       | Number identifier of the quote received from a counterparty for the quick input deal     |
| STATUS_CODE          | NULL     | VARCHAR2(10) | Code for the execution status of deals and transactions                                  |
| TRANSACTION_NUMBER   | NULL     | NUMBER       | Unique reference number assigned to a transaction  |
| TRANSACTION_RATE     | NULL     | NUMBER       | Transaction rate for the quick deal  |
| UPDATED_BY           | NULL     | VARCHAR2(30) | User who last updated this record  |

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Column Descriptions (Continued)

| Name       | Null? | Type | Description                       |
|------------|-------|------|-----------------------------------|
| UPDATED_ON | NULL  | DATE | Date this record was last updated |
| VALUE_DATE | NULL  | DATE | Date quick deal takes place       |

## XTR\_RATE\_SETS

XTR\_RATE\_SETS contains information about interest rates for retail term money deals. Each row corresponds to the deal subtype, product type, amount, term, and effective date to which you want to apply the rate.

This table corresponds to Product Rates window.

### Column Descriptions

| Name                   | Null?    | Type         | Description   |
|------------------------|----------|--------------|---|
| AUDIT_INDICATOR        | NULL     | VARCHAR2(1)  | Not currently used  |
| CLIENT_GROUPING        | NULL     | VARCHAR2(7)  | Client group code   |
| CURRENCY               | NOT NULL | VARCHAR2(15) | Currency code   |
| DEAL_SUBTYPE           | NOT NULL | VARCHAR2(7)  | Code for deal executions permissible within a deal type                           |
| DEAL_TYPE              | NOT NULL | VARCHAR2(7)  | Code for high level deals   |
| EFFECTIVE_FROM         | NOT NULL | DATE         | Date the rate becomes effective   |
| FIXED_FLOATING         | NULL     | VARCHAR2(5)  | Indicates if interest rate is fixed or floating                                   |
| HIGH_RANGE             | NOT NULL | NUMBER       | Maximum amount the rate is applicable   |
| INTEREST_PERIOD        | NULL     | VARCHAR2(7)  | Interest period   |
| LOW_RANGE              | NOT NULL | NUMBER       | Minimum amount the rate is applicable   |
| MARGIN                 | NULL     | NUMBER       | Rate marked up or down amount   |
| NO_OF_DAYS             | NULL     | NUMBER       | Number of days used to calculate interest   |
| PI_CONSTANT            | NULL     | VARCHAR2(1)  | Flag to indicate if principal and interest amount is kept constant (Y) or not (N) |
| POSTED                 | NULL     | DATE         | Not currently used  |
| PRODUCT_TYPE           | NOT NULL | VARCHAR2(10) | Code for products used in a deal type   |
| RATE                   | NULL     | NUMBER       | Interest rate   |
| RATE_EFFECTIVE_CREATED | NOT NULL | DATE         | Date the rate is created  |
| RESET_BASIS            | NULL     | VARCHAR2(15) | Not currently used  |
| TERM                   | NULL     | VARCHAR2(3)  | Term length in which a rate is applicable   |
| UNIQUE_REF_NUM         | NOT NULL | NUMBER       | Unique reference number for each rate set   |
| UPDATED_BY             | NULL     | VARCHAR2(30) | User who last updated this record   |
| UPDATED_ON             | NULL     | DATE         | Date this record was last updated   |
| UPDATE_EXISTING_DEALS  | NULL     | VARCHAR2(1)  | Flag to indicate if existing deals is updated (Y), or not (Null)                  |
| CREATED_BY             | NOT NULL | VARCHAR2(30) | User who created this record  |
| CREATED_ON             | NOT NULL | DATE         | Date this record was created  |
| CONCURRENT_REQUEST     | NULL     | VARCHAR2(1)  | Flag to indicate concurrent request (Y), or not (N)                               |

#### Indexes

| Index Name       | Index Type | Sequence | Column Name     |
|------------------|------------|----------|-----------------|
| XTR_RATE_SETS_U1 | UNIQUE     | 1        | DEAL_TYPE       |
|                  |            | 2        | DEAL_SUBTYPE    |
|                  |            | 3        | PRODUCT_TYPE    |
|                  |            | 4        | EFFECTIVE_FROM  |
|                  |            | 5        | CURRENCY        |
|                  |            | 6        | LOW_RANGE       |
|                  |            | 7        | HIGH_RANGE      |
|                  |            | 8        | CLIENT_GROUPING |
|                  |            | 9        | FIXED_FLOATING  |
|                  |            | 10       | TERM            |

#### Database Triggers

Trigger Name : XTR\_AU\_RATE\_SETS\_T  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

This after update trigger maintains the audit table for interest rates information for retail term money deals.

# XTR\_RECONCILIATION\_PASSES

XTR\_RECONCILIATION\_PASSES contains the reconciliation criteria for bank statement lines. This table contains the bank account number, date, transaction number, and amount required for reconciliation. A reconciliation pass can be used by many reconciliation methods.

This table corresponds to the Reconciliation Passes tabbed region in the Import Sources window.

Column Descriptions

| Name                      | Null?    | Type         | Description   |
|---------------------------|----------|--------------|---|
| PASS_DESCRIPTION          | NOT NULL | VARCHAR2(35) | Description of the reconciliation pass  |
| RECONCILED_PASS_CODE (PK) | NOT NULL | VARCHAR2(2)  | Set of selection criteria used for reconciliation   |
| RECONCILE_DETAIL (PK)     | NOT NULL | VARCHAR2(15) | Criteria by which you want to reconcile each column (the list of available criteria differs depending on which column you select) |
| RECONCILE_ON_COLUMN (PK)  | NOT NULL | VARCHAR2(10) | Name of the column to use as criteria for the reconciliation pass   |

## XTR\_RECONCILIATION\_PROCESS

XTR\_RECONCILIATION\_PROCESS contains the reconciliation method definitions. Each reconciliation method is composed of one or more reconciliation passes. The sequence of each pass, which is defined by the reconciliation method, determines the order by which bank statements are reconciled. A reconciliation method can be associated with many import sources.

This table corresponds to the Reconciliation Methods tabbed region in the Import Sources window.

### Foreign Keys

| Primary Key Table         | Primary Key Column   | Foreign Key Column   |
|---------------------------|----------------------|----------------------|
| XTR_RECONCILIATION_PASSES | RECONCILED_PASS_CODE | RECONCILED_PASS_CODE |

### Column Descriptions

| Name                      | Null?    | Type         | Description   |
|---------------------------|----------|--------------|---|
| ALLOW_HOLIDAYS_YN         | NULL     | VARCHAR2(1)  | Not currently used  |
| DAYS_ADJUSTMENT           | NULL     | NUMBER       | Number of days of tolerance to allow for this reconciliation method   |
| GENERATE_REPORT_YN        | NULL     | VARCHAR2(1)  | Not currently used  |
| PROCESS_TYPE              | NOT NULL | VARCHAR2(1)  | Flag to indicate if manual (M or null) or automatic (A) match verification is required before the reconciliation is confirmed |
| RECONCILED_PASS_CODE (PK) | NOT NULL | VARCHAR2(2)  | Set of selection criteria used for reconciliation   |
| SEQUENCE_ORDER (PK)       | NOT NULL | NUMBER       | Order in which the set of reconciliation pass codes is performed for the reconciliation method                                |
| VERIFICATION_METHOD (PK)  | NOT NULL | VARCHAR2(30) | Reconciliation method   |

## XTR\_REVALUATION\_DETAILS

XTR\_REVALUATION\_DETAILS contains detailed information on the revaluation of your financial instruments. Each row corresponds to one revalued transaction and includes the company, deal number, deal type, deal subtype, product type, currency, unrealized and realized profits and losses, transaction rate, revaluation rate, and time frame of that transaction. Once the revaluation details are determined for a day, you must remove them before you can update the revaluation rates in the XTR\_REVALUATION\_RATES table and rerun the revaluation process.

This table corresponds to the Revaluation Details region in the Revaluations window.

### Foreign Keys

| Primary Key Table         | Primary Key Column                | Foreign Key Column        |
|---------------------------|-----------------------------------|---------------------------|
| XTR_DEALS                 | DEAL_NO                           | DEAL_NO                   |
| XTR_ROLLOVER_TRANSACTIONS | DEAL_NUMBER<br>TRANSACTION_NUMBER | DEAL_NO<br>TRANSACTION_NO |

### Column Descriptions

| Name                   | Null?    | Type         | Description  |
|------------------------|----------|--------------|--|
| ACTION_CODE            | NULL     | VARCHAR2(7)  | Code for actions involved in executing deals   |
| AUDIT_INDICATOR        | NULL     | VARCHAR2(1)  | Not currently used   |
| COMPANY_CODE           | NOT NULL | VARCHAR2(7)  | Company code   |
| CONTRACT_CODE          | NULL     | VARCHAR2(7)  | Bond issue code for bond deal type   |
| CROSS_REF_TO_POSTING   | NULL     | NUMBER       | Not currently used   |
| CURRENCYA              | NOT NULL | VARCHAR2(15) | Base currency  |
| CURRENCYB              | NULL     | VARCHAR2(15) | Contra currency  |
| CURRENCY_INDICATOR     | NULL     | VARCHAR2(1)  | Not currently used   |
| DEAL_NO (PK)           | NOT NULL | NUMBER       | Unique number assigned to each deal  |
| DEAL_SUBTYPE           | NOT NULL | VARCHAR2(7)  | Code for deal executions permissible within a deal type                                    |
| DEAL_TYPE              | NOT NULL | VARCHAR2(7)  | Code for high level deals  |
| EFFECTIVE_DATE         | NOT NULL | DATE         | Revaluation effective date   |
| EFFECTIVE_DAYS         | NULL     | NUMBER       | Number of days between revaluation date and transaction maturity date                      |
| ENTERED_BY             | NOT NULL | VARCHAR2(30) | User who entered the revaluation details   |
| ENTERED_ON             | NOT NULL | DATE         | Date the revaluation details was entered   |
| FACE_VALUE             | NOT NULL | NUMBER       | Amount which revaluation calculation is based on   |
| FXO_SELL_REF_AMOUNT    | NULL     | NUMBER       | Amount in the contra currency of a foreign exchange option deal                            |
| FX_REVAL_PRINCIPAL_BAL | NULL     | NUMBER       | Not currently used   |
| PERIOD_FROM            | NOT NULL | DATE         | Previous revaluation date (from the PERIOD_FROM column in the XTR_REVALUATION_RATES table) |

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# Column Descriptions (Continued)

| Name                       | Null?    | Type         | Description   |
|----------------------------|----------|--------------|---|
| PERIOD_TO (PK)             | NOT NULL | DATE         | Current revaluation date (from the PERIOD_TO column in the XTR_REVALUATION_RATES table) |
| PORTFOLIO_CODE             | NULL     | VARCHAR2(7)  | Code for grouping deals under a single portfolio  |
| PRODUCT_TYPE               | NOT NULL | VARCHAR2(10) | Code for products used in a deal type   |
| RATE_ERROR                 | NULL     | VARCHAR2(1)  | Flag to indicate if the rate used is zero (Y) or an old rate (N)                        |
| REALISED_PL                | NULL     | NUMBER       | Profit or loss of transaction that has matured  |
| REVAL_CCY                  | NULL     | VARCHAR2(15) | Revaluation currency  |
| REVAL_HCE_AMOUNT           | NULL     | NUMBER       | Revaluation amount in reporting currency equivalent                                     |
| REVAL_RATE                 | NULL     | NUMBER       | Revaluation rate  |
| REVAL_VALUE                | NULL     | NUMBER       | Current fair market rate  |
| TRANSACTION_NO (PK)        | NOT NULL | NUMBER       | Unique reference number assigned to a transaction                                       |
| TRANSACTION_PERIOD         | NOT NULL | NUMBER       | Remaining period for this transaction   |
| TRANSACTION_RATE           | NOT NULL | NUMBER       | Transaction rate  |
| UNIQUE_REF_NUM             | NOT NULL | NUMBER       | Revaluation detail identifier   |
| UNREALISED_PL              | NULL     | NUMBER       | Profit or loss of the transaction that has not matured before the period to date        |
| UPDATED_BY                 | NULL     | VARCHAR2(30) | User who last updated this record   |
| UPDATED_ON                 | NULL     | DATE         | Date this record was last updated   |
| YEAR_BASIS                 | NULL     | NUMBER       | Number of days in a year used in calculations (for example, 360 and 365)                |
| CREATED_BY                 | NOT NULL | VARCHAR2(30) | User who created this record  |
| CREATED_ON                 | NOT NULL | DATE         | Date this record was created  |
| AUTHORIZE_JOURNAL_CREATION | NULL     | VARCHAR2(1)  | Not currently used  |
| JOURNAL_CREATED            | NULL     | DATE         | Date the journal was created  |

## Indexes

| Index Name                 | Index Type | Sequence    | Column Name                              |
|----------------------------|------------|-------------|--|
| XTR_REVALUATION_DETAILS_N1 | NOT UNIQUE | 4<br>6<br>8 | PERIOD_FROM<br>PERIOD_TO<br>COMPANY_CODE |

## Sequences

| Sequence                  | Derived Column |
|---------------------------|----------------|
| XTR_REVALUATION_DETAILS_S | UNIQUE_REF_NUM |

## Database Triggers

Trigger Name : XTR\_AU\_REVALUATION\_DETAILS\_T  
 Trigger Time : AFTER  
 Trigger Level : ROW  
 Trigger Event : UPDATE

This after update trigger maintains the audit table for revaluation details.

## XTR\_REVALUATION\_RATES

XTR\_REVALUATION\_RATES contains general information about revaluation rates for a particular company in an end-of-period date. Each row contains the company code, currency, end-of-period date, and the revaluation contents, which includes the type, subtype, product type, rate, time frame, and rate type (rate/volatility). The primary key UNIQUE\_REF\_NUM is generated by Oracle Treasury. You may use this table to review and adjust revaluation rates. You can run the revaluation process to calculate your financial instruments' profits and losses. If you wish to adjust those results, you can then adjust your revaluation rates and recalculate your revaluations. This process continues until you are happy with the results at which time you can transfer the revaluation to General Ledger. The REVAL\_TYPE column is derived from the RIC\_CODE column in the XTR\_MARKET\_PRICES table for all deal types except for foreign exchange deals, bond options, interest rate options, and interest rate swaptions. For those deal types, the REVAL\_TYPE column is predefined and is based on deal type and deal subtype.

This table corresponds to the Revaluations window.

### Foreign Keys

| Primary Key Table | Primary Key Column | Foreign Key Column |
|-------------------|--------------------|--------------------|
| XTR_MARKET_PRICES | RIC_CODE           | REVAL_TYPE         |

### Column Descriptions

| Name                | Null?    | Type         | Description                                   |
|---------------------|----------|--------------|---|
| AUDIT_INDICATOR     | NULL     | VARCHAR2(1)  | Not currently used                            |
| COMPANY_CODE        | NOT NULL | VARCHAR2(7)  | Company code                                  |
| CURRENCYA           | NOT NULL | VARCHAR2(15) | Base currency                                 |
| CURRENCYB           | NULL     | VARCHAR2(15) | Contra currency                               |
| DAY_MTH             | NULL     | VARCHAR2(13) | Period frequency type (days or months)        |
| ENTERED_BY          | NOT NULL | VARCHAR2(30) | User who entered the revaluation details      |
| ENTERED_ON          | NOT NULL | DATE         | Date the revaluation details was entered      |
| NUMBER_OF_DAYS      | NULL     | NUMBER       | Period frequency length converted to days     |
| PERIOD_FROM         | NOT NULL | DATE         | Previous revaluation date                     |
| PERIOD_REF1         | NULL     | NUMBER       | Period length                                 |
| PERIOD_REF2         | NULL     | NUMBER       | Not currently used                            |
| PERIOD_TO           | NOT NULL | DATE         | Current revaluation date                      |
| RATE_DATE           | NOT NULL | DATE         | Date the rate is set                          |
| REVAL_PRODUCT_TYPE  | NULL     | VARCHAR2(10) | Revaluation product type                      |
| REVAL_RATE          | NOT NULL | NUMBER       | Revaluation rate                              |
| REVAL_SUBTYPE       | NULL     | VARCHAR2(7)  | Revaluation subtype                           |
| REVAL_TYPE          | NOT NULL | VARCHAR2(20) | Revaluation type                              |
| UNIQUE_REF_NUM (PK) | NOT NULL | NUMBER       | Unique reference number for revaluation rates |

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|            |      |              |                                   |
|------------|------|--------------|-----------------------------------|
| UPDATED_BY | NULL | VARCHAR2(30) | User who last updated this record |
|------------|------|--------------|-----------------------------------|

*Column Descriptions (Continued)*

| Name               | Null?    | Type         | Description                       |
|--------------------|----------|--------------|-----------------------------------|
| UPDATED_ON         | NULL     | DATE         | Date this record was last updated |
| VOLATILITY_OR_RATE | NOT NULL | VARCHAR2(4)  | Not currently used                |
| CREATED_BY         | NOT NULL | VARCHAR2(30) | User who created this record      |
| CREATED_ON         | NOT NULL | DATE         | Date this record was created      |

*Database Triggers*

```

Trigger Name      : XTR_AU_REVALUATION_RATE_T
Trigger Time      : AFTER
Trigger Level     : ROW
Trigger Event     : UPDATE

```

This after update trigger maintains the audit table for revaluation rates.

## XTR\_ROLLOVER\_TRANSACTIONS

XTR\_ROLLOVER\_TRANSACTIONS contains general information about transactions in bond, interest rate swap, negotiable instrument, short term money, retail term money, and wholesale term money deals. Each deal may consist of one or more transactions. Each row in this table corresponds to a transaction and contains detailed information about the transaction such as the deal number, deal type, transaction number, transaction amount, interest rate, date, tax, lender, borrower, and brokerage. Only the DEAL\_NUMBER, TRANSACTION\_NUMBER, and DEAL\_TYPE columns are required.

### Foreign Keys

| Primary Key Table       | Primary Key Column                        | Foreign Key Column                        |
|-------------------------|---|---|
| XTR_COUNTERPARTY_LIMITS | COMPANY_CODE<br>CPARTY_CODE<br>LIMIT_CODE | COMPANY_CODE<br>CPARTY_CODE<br>LIMIT_CODE |
| XTR_DEALS               | DEAL_NO                                   | DEAL_NUMBER                               |
| XTR_MASTER_CURRENCIES   | CURRENCY                                  | CURRENCY                                  |
| XTR_PARCEL_SPLITS       | DEAL_NO<br>PARCEL_SPLIT_NO                | DEAL_NUMBER<br>PARCEL_SPLIT_NO            |

### Column Descriptions

| Name                  | Null? | Type         | Description  |
|-----------------------|-------|--------------|--|
| ACCEPTOR_CODE         | NULL  | VARCHAR2(7)  | Acceptor code (party in a discounted securities deal who is responsible for the payment at maturity)                   |
| ACCEPTOR_NAME         | NULL  | VARCHAR2(20) | Acceptor name  |
| ACCRUAL_FROM          | NULL  | DATE         | Not currently used   |
| ACCRUAL_TO            | NULL  | DATE         | Not currently used   |
| ACCUM_INTEREST        | NULL  | NUMBER       | Accumulated interest   |
| ACCUM_INTEREST_BF     | NULL  | NUMBER       | Accumulated interest brought forward   |
| ACCUM_INTEREST_BF_HCE | NULL  | NUMBER       | Accumulated interest brought forward in reporting currency equivalent  |
| ACCUM_INTEREST_HCE    | NULL  | NUMBER       | Accumulated interest in reporting currency equivalent  |
| ACCUM_INT_ACCOUNT_NO  | NULL  | VARCHAR2(20) | Not currently used   |
| ACCUM_INT_ACTION      | NULL  | VARCHAR2(7)  | Not currently used   |
| ACCUM_INT_AMOUNT_TYPE | NULL  | VARCHAR2(7)  | Not currently used   |
| ACTION_STATUS         | NULL  | VARCHAR2(20) | Not currently used   |
| ADJUSTED_BALANCE      | NULL  | NUMBER       | Balance brought forward plus principal adjustment (only applies to retail term money and wholesale money transactions) |
| ARCHIVE_BY            | NULL  | VARCHAR2(30) | Not currently used   |
| ARCHIVE_DATE          | NULL  | DATE         | Not currently used   |
| ATTACHMENT_EXISTS     | NULL  | VARCHAR2(1)  | Not currently used   |
| AUDIT_INDICATOR       | NULL  | VARCHAR2(1)  | Not currently used   |
| BALANCE_OUT           | NULL  | NUMBER       | Balance amount   |
| BALANCE_OUT_BF        | NULL  | NUMBER       | Balance amount brought forward   |

Column Descriptions (Continued)

| Name                   | Null?    | Type          | Description   |
|------------------------|----------|---------------|---|
| BALANCE_OUT_BF_HCE     | NULL     | NUMBER        | Balance amount brought forward in reporting currency equivalent   |
| BALANCE_OUT_HCE        | NULL     | NUMBER        | Balance amount in reporting currency equivalent   |
| BAL_OS_ACCOUNT_NO      | NULL     | VARCHAR2(20)  | Company account to which settlement funds are settled (only applies to retail term money and wholesale term money transactions)                       |
| BKGE_SETTLED_REFERENCE | NULL     | NUMBER        | Brokerage settlement reference number (all transactions with the same reference number were settled together in one settle action)                    |
| BROKERAGE_AMOUNT       | NULL     | NUMBER        | Brokerage settlement reference number (all transactions with the same reference number were settled together in one settle action)                    |
| BROKERAGE_AMOUNT_HCE   | NULL     | NUMBER        | Brokerage amount in reporting currency equivalent   |
| BROKERAGE_CODE         | NULL     | VARCHAR2(7)   | Brokerage code  |
| BROKERAGE_RATE         | NULL     | NUMBER        | Rate that a company charges a counterparty or that a counterparty pays to a company for brokered deals  |
| CLIENT_ADVICE          | NULL     | VARCHAR2(1)   | Not currently used  |
| CLIENT_CODE            | NULL     | VARCHAR2(7)   | Client for which the deal is made   |
| COMMENTS               | NULL     | VARCHAR2(255) | Internal comments   |
| COMPANY_CODE           | NULL     | VARCHAR2(7)   | Company code  |
| CPARTY_ADVICE          | NULL     | VARCHAR2(1)   | Not currently used  |
| CPARTY_CODE            | NULL     | VARCHAR2(7)   | Counterparty code   |
| CREATED_BY             | NOT NULL | VARCHAR2(30)  | User who created this record  |
| CREATED_ON             | NOT NULL | DATE          | Date this record was created  |
| CROSS_REF_TO_TRANS     | NULL     | NUMBER        | Transaction number of the transaction (within the same call cash deal) created as part of a renegotiation that caused the closing of this transaction |
| CURRENCY               | NOT NULL | VARCHAR2(15)  | Currency code   |
| DATE_RECEIVED          | NULL     | DATE          | Maturity date of the transaction (within the same call cash deal) created as part of a renegotiation that caused the closing of this transaction      |
| DEALER_CODE            | NULL     | VARCHAR2(10)  | Code for Treasury users   |
| DEAL_DATE              | NULL     | DATE          | Date the deal is made   |
| DEAL_LINKING_CODE      | NULL     | VARCHAR2(8)   | Code to identify the group of linked deals  |
| DEAL_NUMBER (PK)       | NOT NULL | NUMBER        | Unique number assigned to each deal   |
| DEAL_SUBTYPE           | NULL     | VARCHAR2(7)   | Code for deal executions permissible within a deal type   |
| DEAL_TYPE              | NOT NULL | VARCHAR2(7)   | Code for high level deals   |
| DRAWER_CODE            | NULL     | VARCHAR2(7)   | Drawer code (party in a discounted securities deal who is responsible for paying if the acceptor and endorser defaults on the payment)                |
| DRAWER_NAME            | NULL     | VARCHAR2(20)  | Drawer name   |

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Column Descriptions (Continued)

| Name                     | Null? | Type          | Description  |
|--------------------------|-------|---------------|--|
| DUAL_AUTHORISATION_BY    | NULL  | VARCHAR2(30)  | Login name of user who created the deal (only applies if the Treasury system parameter, DUAL_AUTHORISE, is set to Y)                                   |
| DUAL_AUTHORISATION_ON    | NULL  | DATE          | Date the user created the deal (only applies if the Treasury system parameter, DUAL_AUTHORISE, is set to Y)  |
| ENDORSER_CODE            | NULL  | VARCHAR2(7)   | Endorser code (party in a discounted securities deal who is responsible for paying the negotiable instruments if the acceptor defaults on the payment) |
| ENDORSER_NAME            | NULL  | VARCHAR2(20)  | Endorser name  |
| EXPECTED_BALANCE_BF      | NULL  | NUMBER        | Expected balance brought forward (retail term money transactions only)   |
| EXPECTED_BALANCE_OUT     | NULL  | NUMBER        | Expected balance out (retail term money transactions only)   |
| EXTERNAL_COMMENTS        | NULL  | VARCHAR2(255) | External comments  |
| EXTERNAL_CPARTY_NO       | NULL  | VARCHAR2(15)  | External reference   |
| FID_TAX                  | NULL  | NUMBER        | Not currently used   |
| FID_TAX_HCE              | NULL  | NUMBER        | Not currently used   |
| INTEREST                 | NULL  | NUMBER        | Interest amount  |
| INTEREST_FREQ            | NULL  | VARCHAR2(1)   | Interest frequency   |
| INTEREST_HCE             | NULL  | NUMBER        | Interest amount in reporting currency  |
| INTEREST_RATE            | NULL  | NUMBER        | Agreed upon rate expressed as a percentage per annum   |
| INTEREST_SETTLED         | NULL  | NUMBER        | Interest settlement  |
| INTEREST_SETTLEMENT_TYPE | NULL  | VARCHAR2(1)   | Settlement type for interest (for example, Settle or Renegotiation)  |
| INTERNAL_TICKET_NO       | NULL  | VARCHAR2(15)  | Internal reference   |
| ISSUER_ADVICE            | NULL  | VARCHAR2(1)   | Not currently used   |
| LIMIT_CODE               | NULL  | VARCHAR2(7)   | Code for user-defined limits imposed on deals and transactions   |
| MATURITY_DATE            | NULL  | DATE          | Date the deal matures or an action is required   |
| NI_PROFIT_LOSS           | NULL  | NUMBER        | Profit or loss amount for discounted securities deals  |
| NI_PROFIT_LOSS_HCE       | NULL  | NUMBER        | Profit or loss amount for discounted securities deals in reporting currency  |
| NI_RENEG_DATE            | NULL  | DATE          | Renegotiation date for discounted securities deals   |
| NO_OF_DAYS               | NULL  | NUMBER        | Number of days used to calculate interest  |
| OLD_PRODUCT_TYPE         | NULL  | VARCHAR2(10)  | Original product type code for call cash transactions  |
| PARCEL_SPLIT_NO          | NULL  | NUMBER        | Identifier for the security that you bought, sold or issued in a parcel split for discounted securities deals  |
| PARENT_PARTY             | NULL  | VARCHAR2(7)   | Parent party for call cash transactions  |
| PI_AMOUNT_DUE            | NULL  | NUMBER        | Total amount of principal and interest for retail term money deals   |

Column Descriptions (Continued)

| Name                    | Null?    | Type         | Description   |
|-------------------------|----------|--------------|---|
| PI_AMOUNT_RECEIVED      | NULL     | NUMBER       | Total amount of principal and interest received for retail term money deals                                 |
| PORTFOLIO_CODE          | NULL     | VARCHAR2(7)  | Code for grouping deals under a single portfolio  |
| PRINCIPAL_ACCOUNT_NO    | NULL     | VARCHAR2(20) | Bank account number for the principal amount  |
| PRINCIPAL_ACTION        | NULL     | VARCHAR2(7)  | Flag to indicate if a principal is increased (INCRSE) or decreased (DECRSE)                                 |
| PRINCIPAL_ADJUST        | NULL     | NUMBER       | Principal adjustment amount   |
| PRINCIPAL_ADJUST_HCE    | NULL     | NUMBER       | Principal adjustment amount in reporting currency equivalent  |
| PRINCIPAL_AMOUNT_TYPE   | NULL     | VARCHAR2(12) | Principal amount type   |
| PRINTED_CPARTY_ADVICE   | NULL     | VARCHAR2(1)  | Not currently used  |
| PRINTED_REDEMPTION_YN   | NULL     | VARCHAR2(1)  | Not currently used  |
| PRINTED_YN              | NULL     | VARCHAR2(1)  | Flag to indicate if the confirmation letter is printed (Y), or not (N)                                      |
| PRODUCT_TYPE            | NULL     | VARCHAR2(10) | Code for products used in a deal type   |
| QUICK_INPUT             | NULL     | VARCHAR2(1)  | Flag to indicate if the deal is generated from a quick input deal (Y), or not (N)                           |
| RATE_EFFECTIVE_CREATED  | NULL     | DATE         | Date the rate becomes effective for retail term money transactions  |
| RENEG_ONLY_LETTER       | NULL     | VARCHAR2(1)  | Not currently used  |
| REPAY_AMOUNT            | NULL     | NUMBER       | Principal settlement amount for call cash or short term money transactions                                  |
| REPAY_AMOUNT_HCE        | NULL     | NUMBER       | Principal settlement amount in reporting currency equivalent  |
| SECURITY_TYPE           | NULL     | VARCHAR2(1)  | Flag to indicate if a call cash transaction is secured (S) or unsecured (U)                                 |
| SETTLEMENT_TYPE         | NULL     | VARCHAR2(1)  | Type of principal or interest amount settlement at the time of renegotiation for call cash transactions     |
| SETTLE_DATE             | NULL     | DATE         | Settlement date   |
| SETTLE_TERM_INTEREST    | NULL     | VARCHAR2(1)  | Flag to indicate if the interest amount is calculated for wholesale term money transactions (Y), or not (N) |
| START_DATE              | NULL     | DATE         | Transaction start date  |
| STATUS_CODE             | NULL     | VARCHAR2(10) | Code for the execution status of deals and transactions   |
| TAX_AMOUNT              | NULL     | NUMBER       | Tax amount  |
| TAX_AMOUNT_HCE          | NULL     | NUMBER       | Tax amount in reporting currency equivalent   |
| TAX_CODE                | NULL     | VARCHAR2(7)  | Tax code  |
| TAX_RATE                | NULL     | NUMBER       | Tax rate  |
| TAX_SETTLED_REFERENCE   | NULL     | NUMBER       | Reference number of the tax settlement of the transaction   |
| TRANSACTION_NUMBER (PK) | NOT NULL | NUMBER       | Unique reference number assigned to a transaction   |
| TRANS_CLOSEOUT_NO       | NULL     | NUMBER       | Reference number of the short sell transaction matching the discounted securities transaction               |

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# Column Descriptions (Continued)

| Name             | Null? | Type         | Description   |
|------------------|-------|--------------|---|
| UPDATED_BY       | NULL  | VARCHAR2(30) | User who last updated this record   |
| UPDATED_ON       | NULL  | DATE         | Date this record was last updated   |
| YEAR_BASIS       | NULL  | NUMBER       | Number of days in a year used in calculations (for example, 360 and 365)  |
| YEAR_CALC_TYPE   | NULL  | VARCHAR2(15) | Day count basis which defines the way in which interest accrues over time |
| RATE_FIXING_DATE | NULL  | DATE         | Date the deal rate changes from fixed to floating                         |

# Indexes

| Index Name                   | Index Type | Sequence | Column Name              |
|------------------------------|------------|----------|--------------------------|
| XTR_ROLLOVER_TRANSACTIONS_N1 | NOT UNIQUE | 2        | DEAL_NUMBER              |
| XTR_ROLLOVER_TRANSACTIONS_N2 | NOT UNIQUE | 2        | DEAL_LINKING_CODE        |
| XTR_ROLLOVER_TRANSACTIONS_N3 | NOT UNIQUE | 1        | DEAL_TYPE                |
|                              |            | 4        | TRANSACTION_NUMBER       |
|                              |            | 5        | STATUS_CODE              |
|                              |            | 6        | START_DATE               |
|                              |            | 8        | COMPANY_CODE             |
|                              |            | 10       | PORTFOLIO_CODE           |
|                              |            | 11       | CPARTY_CODE              |
|                              |            | 12       | CLIENT_CODE              |
|                              |            | 16       | CURRENCY                 |
|                              |            | 22       | DEAL_SUBTYPE             |
|                              |            | 23       | SECURITY_TYPE            |
|                              |            | 24       | DEALER_CODE              |
|                              |            | 25       | PRODUCT_TYPE             |
|                              |            | 26       | MATURITY_DATE            |
|                              |            | 27       | INTEREST_SETTLEMENT_TYPE |
|                              |            | 28       | INTEREST_RATE            |
| XTR_ROLLOVER_TRANSACTIONS_N4 | NOT UNIQUE | 1        | START_DATE               |
|                              |            | 2        | COMPANY_CODE             |
|                              |            | 4        | CPARTY_CODE              |
| XTR_ROLLOVER_TRANSACTIONS_N5 | NOT UNIQUE | 2        | STATUS_CODE              |
| XTR_ROLLOVER_TRANSACTIONS_N6 | NOT UNIQUE | 2        | START_DATE               |
|                              |            | 4        | STATUS_CODE              |
|                              |            | 8        | COMPANY_CODE             |
|                              |            | 10       | CPARTY_CODE              |
|                              |            | 11       | CLIENT_CODE              |
|                              |            | 14       | PRODUCT_TYPE             |
| XTR_ROLLOVER_TRANSACTIONS_U1 | UNIQUE     | 15       | PORTFOLIO_CODE           |
|                              |            | 2        | DEAL_NUMBER              |
|                              |            | 4        | TRANSACTION_NUMBER       |

# Database Triggers

Trigger Name : XTR\_BI\_ROLLOVER\_TRANSACTIONS\_T  
 Trigger Time : BEFORE  
 Trigger Level : ROW  
 Trigger Event : INSERT

This before insert trigger populates the confirmation details table with action codes.

Trigger Name : XTR\_BU\_ROLLOVER\_TRANSACTIONS\_T  
Trigger Time : BEFORE  
Trigger Level : ROW  
Trigger Event : UPDATE

This before update trigger maintains the audit table for deal transactions as well as the journals table for newly cancelled deals.

Trigger Name : XTR\_AID\_ROLLOVER\_TRANS\_T  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : INSERT, DELETE

This after insert or delete trigger maintains the position history table.

Trigger Name : XTR\_AU\_ROLLOVER\_TRANSACTIONS\_T  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

This after update trigger maintains the position history table as well as the accrual amounts table.

---

## XTR\_SETTLEMENTS\_V

XTR\_SETTLEMENTS\_V contains settlement information from the XTR\_DEAL\_DATE\_AMOUNTS table for deals that meet the following criteria: do not have Cancelled status; are not a foreign exchange option; have a non-zero cash flow amount; or have the deal type 'EXP' for exposures and 'EXT' for external exposures where the transaction is firm and Treasury is to settle the cash flow. For example, EXP\_SETTLE\_REQD = 'Y' and DEAL\_SUBTYPEEE <<> 'INDIC' is not a split settlement because MULTIPLE\_SETTLEMENTS = 'N'.

This view corresponds to the Settlements window.

### View Definition

```
CREATE VIEW XTR_SETTLEMENTS_V
as SELECT
    A.DEAL_NUMBER,
    A.TRANSACTION_NUMBER,
    A.ACTUAL_SETTLEMENT_DATE AMOUNT_DATE,
    A.ACTUAL_SETTLEMENT_DATE - A.AMOUNT_DATE DAY_VARIANCE,
    A.GOOD_VALUE_CLAIM,
    A.CURRENCY,
    A.AMOUNT_TYPE TYPE_OF_AMOUNT,
    A.AMOUNT,
    A.CASHFLOW_AMOUNT,
    A.COMPANY_CODE COMPANY,
    A.CPARTY_CODE CPARTY,
    A.CLIENT_CODE CLIENT,
    A.DEALER_CODE DEALER,
    A.DEAL_TYPE CONTRACT_TYPE,
    A.DEAL_SUBTYPE SUBTYPE,
    A.PRODUCT_TYPE PRODUCT,
    A.PORTFOLIO_CODE PORTFOLIO,
    A.CODE_COMBINATION_ID,
    A.TRANSACTION_RATE RATE,
    A.ACCOUNT_NO COMPANY_ACCOUNT,
    A.HCE_AMOUNT,
    A.STATUS_CODE CONTRACT_STATUS,
    A.DIARY_NOTE DIARY_NOTE_DETAILS,
    A.DUAL_AUTHORISATION_BY AUTHORISED_BY,
    A.DUAL_AUTHORISATION_ON AUTHORISED_ON,
    A.SETTLE,
    A.CPARTY_ACCOUNT_NO CPARTY_ACCOUNT,
    A.DIRECT_DEBIT,
    A.CHQ_REQD,
    A.COMMENTS,
    A.ACTION_CODE,
    A.ATTACHMENT_EXISTS,
    A.CURRENCY_COMBINATION,
    A.BENEFICIARY_PARTY,
    A.BENEFICIARY_ACCOUNT_NO BENEFICIARY_ACCOUNT

FROM          XTR_DEAL_DATE_AMOUNTS_V A
WHERE         A.CASHFLOW_AMOUNT <> 0
```

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```

AND      A.AMOUNT_TYPE NOT IN('FXOBUY','FXOSELL')
AND      nvl(A.EXP_SETTLE_REQD,'Y') = 'Y'
AND      nvl(A.MULTIPLE_SETTLEMENTS,'N') = 'N'
AND      A.STATUS_CODE <> 'CANCELLED'
AND      A.DEAL_SUBTYPE <> 'INDIC'
AND      A.ACTUAL_SETTLEMENT_DATE IS NOT NULL
UNION ALL
SELECT   A.DEAL_NUMBER,
         A.TRANSACTION_NUMBER,
         A.AMOUNT_DATE,
         A.ACTUAL_SETTLEMENT_DATE - A.AMOUNT_DATE DAY_VARIANCE,
         A.GOOD_VALUE_CLAIM,
         A.CURRENCY,
         A.AMOUNT_TYPE TYPE_OF_AMOUNT,
         A.AMOUNT,
         A.CASHFLOW_AMOUNT,
         A.COMPANY_CODE COMPANY,
         A.CPARTY_CODE CPARTY,
         A.CLIENT_CODE CLIENT,
         A.DEALER_CODE DEALER,
         A.DEAL_TYPE CONTRACT_TYPE,
         A.DEAL_SUBTYPE SUBTYPE,
         A.PRODUCT_TYPE PRODUCT,
         A.PORTFOLIO_CODE PORTFOLIO,
         A.CODE_COMBINATION_ID,
         A.TRANSACTION_RATE RATE,
         A.ACCOUNT_NO COMPANY_ACCOUNT,
         A.HCE_AMOUNT,
         A.STATUS_CODE CONTRACT_STATUS,
         A.DIARY_NOTE DIARY_NOTE_DETAILS,
         A.DUAL_AUTHORISATION_BY AUTHORISED_BY,
         A.DUAL_AUTHORISATION_ON AUTHORISED_ON,
         A.SETTLE,
         A.CPARTY_ACCOUNT_NO CPARTY_ACCOUNT,
         A.DIRECT_DEBIT,
         A.CHQ_REQD,
         A.COMMENTS,
         A.ACTION_CODE,
         A.ATTACHMENT_EXISTS,
         A.CURRENCY_COMBINATION,
         A.BENEFICIARY_PARTY,
         A.BENEFICIARY_ACCOUNT_NO BENEFICIARY_ACCOUNT
FROM     XTR_DEAL_DATE_AMOUNTS_V A
WHERE    A.CASHFLOW_AMOUNT <> 0
AND      A.AMOUNT_TYPE NOT IN('FXOBUY','FXOSELL')
AND      nvl(A.EXP_SETTLE_REQD,'Y') = 'Y'
AND      nvl(A.MULTIPLE_SETTLEMENTS,'N') = 'N'
AND      A.STATUS_CODE <> 'CANCELLED'
AND      A.DEAL_SUBTYPE <> 'INDIC'
AND      A.ACTUAL_SETTLEMENT_DATE IS NOT NULL

```

# Column Descriptions

| Name                | Null?    | Type          | Description  |
|---------------------|----------|---------------|--|
| DEAL_NUMBER         | NOT NULL | NUMBER        | Number of the deal responsible for the cash flow   |
| TRANSACTION_NUMBER  | NULL     | NUMBER        | Unique reference number assigned to a transaction  |
| AMOUNT_DATE         | NULL     | DATE          | Actual settlement date or amount date of the deal  |
| DAY_VARIANCE        | NULL     | NUMBER        | Number of days between actual settlement date and amount date  |
| GOOD_VALUE_CLAIM    | NULL     | VARCHAR2(1)   | Not currently used   |
| CURRENCY            | NOT NULL | VARCHAR2(15)  | Currency code  |
| TYPE_OF_AMOUNT      | NOT NULL | VARCHAR2(7)   | Code that identifies the purpose of the amounts for a deal type                                      |
| AMOUNT              | NOT NULL | NUMBER        | Transaction amount   |
| CASHFLOW_AMOUNT     | NULL     | NUMBER        | Amount of cash flow  |
| COMPANY             | NULL     | VARCHAR2(7)   | Company code   |
| CPARTY              | NULL     | VARCHAR2(7)   | Counterparty code  |
| CLIENT              | NULL     | VARCHAR2(7)   | Client for which the deal is made  |
| DEALER              | NULL     | VARCHAR2(10)  | Code for Treasury users  |
| CONTRACT_TYPE       | NOT NULL | VARCHAR2(7)   | Code for high level deals  |
| SUBTYPE             | NULL     | VARCHAR2(7)   | Code for deal executions permissible within a deal type  |
| PRODUCT             | NULL     | VARCHAR2(10)  | Code for products used in a deal type  |
| PORTFOLIO           | NULL     | VARCHAR2(7)   | Code for grouping deals under a single portfolio   |
| CODE_COMBINATION_ID | NULL     | NUMBER(15)    | Unique key for identifying GL account references   |
| RATE                | NULL     | NUMBER        | Transaction rate   |
| COMPANY_ACCOUNT     | NULL     | VARCHAR2(20)  | Settlement account number  |
| HCE_AMOUNT          | NULL     | NUMBER        | Transaction amount in reporting currency equivalent  |
| CONTRACT_STATUS     | NULL     | VARCHAR2(10)  | Code for the execution status of deals and transactions  |
| DIARY_NOTE_DETAILS  | NULL     | VARCHAR2(255) | Not currently used   |
| AUTHORISED_BY       | NULL     | VARCHAR2(30)  | Login name of user who created the deal, to be included only if parameter DUAL_AUTHORISE is set to Y |
| AUTHORISED_ON       | NULL     | DATE          | Date on which the user created the deal, to be included only if parameter DUAL_AUTHORISE is set to Y |
| SETTLE              | NULL     | VARCHAR2(1)   | Flag to indicate if the settlement has been authorized (Y), or not (N)                               |
| CPARTY_ACCOUNT      | NULL     | VARCHAR2(20)  | Alpha-numeric reference of counterparty financial account  |
| DIRECT_DEBIT        | NULL     | VARCHAR2(1)   | Flag to indicate if user selects direct debit as method of payment for settlement (Y), or not (N)    |
| CHQ_REQD            | NULL     | VARCHAR2(1)   | Flag to indicate if user selects check as method of payment for settlement (Y), or not (N)           |
| COMMENTS            | NULL     | VARCHAR2(255) | Settlement comments  |
| ACTION_CODE         | NULL     | VARCHAR2(7)   | Code for actions involved in executing deals   |
| ATTACHMENT_EXISTS   | NULL     | VARCHAR2(1)   | Not currently used   |

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*Column Descriptions (Continued)*

| <u>Name</u>          | <u>Null?</u> | <u>Type</u>  | <u>Description</u>   |
|----------------------|--------------|--------------|--|
| CURRENCY_COMBINATION | NULL         | VARCHAR2(31) | Currency quotations which combine a base and a contra currency |
| BENEFICIARY_PARTY    | NULL         | VARCHAR2(7)  | Settlement beneficiary party                                   |
| BENEFICIARY_ACCOUNT  | NULL         | VARCHAR2(20) | Settlement beneficiary party account number                    |

## XTR\_SETTLEMENT\_CATEGORIES

XTR\_SETTLEMENT\_CATEGORIES contains settlement category information. Each row corresponds to one settlement category and contains a description of that category. Settlement categories are used to organize settlement actions. A settlement action is assigned to a counterparty as needed and it is used to settle short term money deals.

This table corresponds to the Category region on Default Settlement Actions window.

Column Descriptions

| Name                     | Null?    | Type         | Description                     |
|--------------------------|----------|--------------|---------------------------------|
| DESCRIPTION              | NOT NULL | VARCHAR2(25) | Settlement category description |
| SETTLEMENT_CATEGORY (PK) | NOT NULL | VARCHAR2(7)  | Settlement category             |

## XTR\_SOURCE\_OF\_IMPORTS

XTR\_SOURCE\_OF\_IMPORTS contains the import sources for reconciliation and for the instances when you create a single regular payment on a bank statement to consolidate multiple transactions. EDI (Electronic Data Interchange) is an example of an import source.

This table corresponds to the Import Source tabbed region of the Import Source window.

### Foreign Keys

| Primary Key Table          | Primary Key Column           | Foreign Key Column             |
|----------------------------|------------------------------|--------------------------------|
| XTR_BANK_ACCOUNTS          | ACCOUNT_NUMBER<br>PARTY_CODE | ACCOUNT_NUMBER<br>COMPANY_CODE |
| XTR_MASTER_CURRENCIES      | CURRENCY                     | CURRENCY                       |
| XTR_RECONCILIATION_PROCESS | VERIFICATION_METHOD          | VERIFICATION_METHOD            |

### Column Descriptions

| Name                    | Null?    | Type         | Description  |
|-------------------------|----------|--------------|--|
| ACCOUNT_NUMBER          | NOT NULL | VARCHAR2(20) | Alpha-numeric reference to financial accounts of Treasury parties                  |
| COMMENTS                | NULL     | VARCHAR2(50) | Comments   |
| COMPANY_CODE            | NOT NULL | VARCHAR2(7)  | Company code   |
| CURRENCY                | NOT NULL | VARCHAR2(15) | Currency code  |
| CURRENTLY_VALID         | NULL     | VARCHAR2(1)  | Flag to indicate if the record is valid currently (Y), or not (N)                  |
| FREQUENCY_DAYS          | NULL     | VARCHAR2(3)  | Not currently used   |
| IMPORT_INCLUDES_DECIMAL | NULL     | VARCHAR2(1)  | Flag to indicate if the import source includes decimal (Y), or not (N)             |
| REVERSE_ON_TRANSFER_YN  | NULL     | VARCHAR2(1)  | Flag to indicate if the trailer record can be reverse (Y), or not (N)              |
| SOURCE (PK)             | NOT NULL | VARCHAR2(20) | Reconciliation import source   |
| TRANSFER_TRAILER_YN     | NULL     | VARCHAR2(1)  | Flag to indicate if the trailer record is transferable (Y), or not (N)             |
| VERIFICATION_METHOD     | NULL     | VARCHAR2(30) | Reconciliation method  |
| VERIFY_TRAILER_TOTALS   | NULL     | VARCHAR2(1)  | Flag to indicate if the trailer record should verify control total (Y), or not (N) |

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## XTR\_SPOT\_RATES

XTR\_SPOT\_RATES contains the history of foreign exchange rates. Each row corresponds to a currency rate for a given date and time.

This table corresponds to the Review Historic Rates window.

### Foreign Keys

| Primary Key Table     | Primary Key Column | Foreign Key Column |
|-----------------------|--------------------|--------------------|
| XTR_MARKET_PRICES     | RIC_CODE           | UNIQUE_PERIOD_ID   |
| XTR_MASTER_CURRENCIES | CURRENCY           | CURRENCY           |

### Column Descriptions

| Name                     | Null?    | Type         | Description  |
|--------------------------|----------|--------------|--|
| ARCHIVE_BY               | NULL     | VARCHAR2(30) | Not currently used   |
| ARCHIVE_DATE             | NULL     | DATE         | Not currently used   |
| BID_RATE_AGAINST_USD     | NULL     | NUMBER       | Bid rate against the US dollar                                 |
| CURRENCY (PK)            | NOT NULL | VARCHAR2(15) | Currency code  |
| HCE_RATE                 | NULL     | NUMBER       | Conversion rate to the reporting currency                      |
| OFFER_RATE_AGAINST_USD   | NULL     | NUMBER       | Ask rate against the US dollar                                 |
| RATE_DATE (PK)           | NOT NULL | DATE         | Rate date  |
| SEQ_NO                   | NULL     | NUMBER       | Not currently used   |
| SPREAD_AGAINST_USD       | NULL     | NUMBER       | Spread against US dollar                                       |
| UNIQUE_PERIOD_ID         | NOT NULL | VARCHAR2(20) | Reference code to current rates in the XTR_MARKET_PRICES table |
| USD_BASE_CURR_BID_RATE   | NULL     | NUMBER       | Inverse of ask rate against the US dollar                      |
| USD_BASE_CURR_OFFER_RATE | NULL     | NUMBER       | Inverse of bid rate against the US dollar                      |

### Indexes

| Index Name        | Index Type | Sequence | Column Name |
|-------------------|------------|----------|-------------|
| XTR_SPOT_RATES_N1 | NOT UNIQUE | 2        | CURRENCY    |
| XTR_SPOT_RATES_U1 | UNIQUE     | 1        | RATE_DATE   |
|                   |            | 2        | CURRENCY    |

## XTR\_TAX\_BROKERAGE\_DETAILS\_V

XTR\_TAX\_BROKERAGE\_DETAILS\_V contains information on the withholding tax and brokerage fee settlement amounts that are due. Rows where TAX\_BKGE= 'B' correspond to a brokerage fee. Rows where TAX\_BKGE= 'T' correspond to a withholding tax.

This view corresponds to the Tax and Brokerage Settlements window.

### View Definition

```
CREATE VIEW XTR_TAX_BROKERAGE_DETAILS_V
as SELECT
    a.DEAL_NUMBER DEAL_NUM,
a.TRANSACTION_NUMBER TRANS_NUM, a.CPARTY_CODE,
a.CLIENT_CODE,
a.COMPANY_CODE,
a.DEAL_TYPE,
dt.USER_DEAL_TYPE,
a.DEAL_SUBTYPE,
st.USER_DEAL_SUBTYPE,
a.PRODUCT_TYPE,
a.BROKERAGE_AMOUNT,
a.TAX_AMOUNT,
a.DEAL_DATE,
a.CURRENCY,
a.BROKERAGE_CODE,
a.TAX_CODE,
a.TAX_SETTLED_REFERENCE,
a.BKGE_SETTLED_REFERENCE

    from XTR_ROLLOVER_TRANSACTIONS_V a,
        XTR_DEAL_TYPES dt,
        XTR_DEAL_SUBTYPES st
where  a.DEAL_TYPE = 'ONC'
and    a.STATUS_CODE <> 'CANCELLED'
and    (a.TAX_AMOUNT > 0 or a.BROKERAGE_AMOUNT > 0)
AND    a.DEAL_TYPE = dt.DEAL_TYPE
AND    (a.DEAL_TYPE = st.DEAL_TYPE AND
        a.DEAL_SUBTYPE = st.DEAL_SUBTYPE)
UNION ALL
    select  a.DEAL_NO DEAL_NUM,
            a.TRANSACTION_NO TRANS_NUM,
            a.CPARTY_CODE,
            a.CLIENT_CODE,
            a.COMPANY_CODE,
            a.DEAL_TYPE,
            dt.USER_DEAL_TYPE,
            a.DEAL_SUBTYPE,
            st.USER_DEAL_SUBTYPE,
            a.PRODUCT_TYPE,
            a.BROKERAGE_AMOUNT,
            a.TAX_AMOUNT,
            a.DEAL_DATE,
            nvl(a.BROKERAGE_CURRENCY,a.CURRENCY),
            a.BROKERAGE_CODE,
            a.TAX_CODE,
```

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```

a.TAX_SETTLED_REFERENCE,
a.BKGE_SETTLED_REFERENCE
from XTR_DEALS_V a,
XTR_DEAL_TYPES dt,
XTR_DEAL_SUBTYPES st
where a.DEAL_TYPE <> 'ONC'
and a.STATUS_CODE <> 'CANCELLED'
and (a.TAX_AMOUNT > 0 or a.BROKERAGE_AMOUNT > 0)
AND a.DEAL_TYPE = dt.DEAL_TYPE
AND (a.DEAL_TYPE = st.DEAL_TYPE AND
a.DEAL_SUBTYPE = st.DEAL_SUBTYPE)

```

#### Column Descriptions

| Name                   | Null? | Type         | Description  |
|------------------------|-------|--------------|--|
| DEAL_NUM               | NULL  | NUMBER       | Unique number assigned to each deal  |
| TRANS_NUM              | NULL  | NUMBER       | Unique reference number assigned to a transaction  |
| CPARTY_CODE            | NULL  | VARCHAR2(7)  | Counterparty code  |
| CLIENT_CODE            | NULL  | VARCHAR2(7)  | Client for which the deal is made  |
| COMPANY_CODE           | NULL  | VARCHAR2(7)  | Company code   |
| DEAL_TYPE              | NULL  | VARCHAR2(7)  | Code for high level deals  |
| USER_DEAL_TYPE         | NULL  | VARCHAR2(7)  | User-defined deal type code  |
| DEAL_SUBTYPE           | NULL  | VARCHAR2(7)  | Code for deal executions permissible within a deal type  |
| USER_DEAL_SUBTYPE      | NULL  | VARCHAR2(7)  | User-defined deal subtype code   |
| PRODUCT_TYPE           | NULL  | VARCHAR2(10) | Code for products used in a deal type  |
| BROKERAGE_AMOUNT       | NULL  | NUMBER       | Brokerage settlement reference number (all transactions with the same reference number were settled together in one settle action) |
| TAX_AMOUNT             | NULL  | NUMBER       | Tax amount   |
| DEAL_DATE              | NULL  | DATE         | Date the deal is made  |
| CURRENCY               | NULL  | VARCHAR2(15) | Currency code  |
| BROKERAGE_CODE         | NULL  | VARCHAR2(7)  | Brokerage code   |
| TAX_CODE               | NULL  | VARCHAR2(7)  | Tax code   |
| TAX_SETTLED_REFERENCE  | NULL  | NUMBER       | Reference number of the tax settlement of the transaction  |
| BKGE_SETTLED_REFERENCE | NULL  | NUMBER       | Brokerage settlement reference number (all transactions with the same reference number were settled together in one settle action) |

## XTR\_TAX\_BROKERAGE\_RATES

XTR\_TAX\_BROKERAGE\_RATES contains the rate group and rates that are applied to withholding tax and brokerage amounts. Brokerage firms charge for their services based on a brokerage rate. A rate group defines a brokerage rate to be applied to a minimum and maximum brokerage amount range. A flat rate is applied to withholding tax amounts.

This table corresponds to the Rate Group tabbed region on the Brokerage Schedule and Details window, and the Rate Schedule tabbed region on the Tax Schedule and Details window.

### Column Descriptions

| Name               | Null?    | Type         | Description  |
|--------------------|----------|--------------|--|
| AUDIT_INDICATOR    | NULL     | VARCHAR2(1)  | Not currently used   |
| CMF_BROKERAGE_RATE | NULL     | NUMBER       | Not currently used   |
| EFFECTIVE_FROM     | NOT NULL | DATE         | Effective date   |
| FLAT_AMOUNT        | NULL     | NUMBER       | Not currently used   |
| INTEREST_RATE      | NULL     | NUMBER       | Interest rate at which a deal or transaction is executed               |
| MAX_AMT            | NULL     | NUMBER       | Maximum amount for brokerage fee                                       |
| MIN_AMT            | NULL     | NUMBER       | Minimum amount for brokerage fee                                       |
| RATE_GROUP         | NOT NULL | VARCHAR2(7)  | Rate group code identifying group of tax or brokerage rates            |
| REF_TYPE           | NOT NULL | VARCHAR2(1)  | Flag to indicate if the rate is a tax (T) rate or a brokerage (B) rate |
| UPDATED_BY         | NULL     | VARCHAR2(30) | User who last updated this record                                      |
| UPDATED_ON         | NULL     | DATE         | Date this record was last updated                                      |
| CREATED_BY         | NOT NULL | VARCHAR2(30) | User who created this record   |
| CREATED_ON         | NOT NULL | DATE         | Date this record was created   |

### Database Triggers

Trigger Name : XTR\_AU\_TAX\_BROKERAGE\_RATES\_T  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

This after update trigger maintains the audit table for tax and brokerage rates and rate groups.

## XTR\_TAX\_BROKERAGE\_SETUP

XTR\_TAX\_BROKERAGE\_SETUP contains tax and brokerage schedule information. A schedule corresponds to a rate group, payee, deal type, and subtype. Rows with a deduction type of 'B' correspond to a brokerage schedule; rows with a deduction type of 'T' correspond to a tax schedule.

This table corresponds to the Schedule tabbed region on the Brokerage Schedule and Details window, and the Schedule tabbed region on the Tax Schedule and Details window.

### Foreign Keys

| Primary Key Table       | Primary Key Column     | Foreign Key Column           |
|-------------------------|------------------------|------------------------------|
| XTR_DEDUCTION_CALCS     | DEAL_TYPE<br>CALC_TYPE | DEAL_TYPE<br>CALC_TYPE       |
| XTR_TAX_BROKERAGE_RATES | RATE_GROUP<br>REF_TYPE | RATE_GROUP<br>DEDUCTION_TYPE |

### Column Descriptions

| Name                     | Null?    | Type         | Description   |
|--------------------------|----------|--------------|---|
| AUDIT_INDICATOR          | NULL     | VARCHAR2(1)  | Not currently used  |
| CALC_TYPE                | NOT NULL | VARCHAR2(5)  | Amount type on which to calculate tax or brokerage fees                                 |
| DEDUCTION_TYPE (PK)      | NOT NULL | VARCHAR2(1)  | Indicates tax (T) reference code or brokerage (B) reference code                        |
| DESCRIPTION              | NOT NULL | VARCHAR2(30) | Tax or brokerage schedule calculation description                                       |
| NOMINAL_ANNUAL_TAX_BREAK | NULL     | NUMBER       | Not currently used  |
| PAYEE                    | NOT NULL | VARCHAR2(7)  | Party to be paid tax or brokerage amount  |
| RATE_GROUP               | NOT NULL | VARCHAR2(7)  | Selected rate group assigned to tax or brokerage schedule                               |
| REFERENCE_CODE (PK)      | NOT NULL | VARCHAR2(7)  | Referenece code for tax or brokerage schedule   |
| UPDATED_BY               | NULL     | VARCHAR2(30) | User who last updated this record   |
| UPDATED_ON               | NULL     | DATE         | Date this record was last updated   |
| DEAL_TYPE                | NOT NULL | VARCHAR2(7)  | Code for high level deals   |
| AUTHORISED               | NOT NULL | VARCHAR2(1)  | Flag to indicate if the tax or brokerage schedule is authorized for use (Y), or not (N) |
| CREATED_BY               | NOT NULL | VARCHAR2(30) | User who created this record  |
| CREATED_ON               | NOT NULL | DATE         | Date this record was created  |

### Indexes

| Index Name                 | Index Type | Sequence | Column Name    |
|----------------------------|------------|----------|----------------|
| XTR_TAX_BROKERAGE_SETUP_U1 | UNIQUE     | 2        | REFERENCE_CODE |

### Database Triggers

Trigger Name : XTR\_AU\_TAX\_BROKERAGE\_SETUP\_T  
Trigger Time : AFTER  
Trigger Level : ROW  
Trigger Event : UPDATE

This after update trigger maintains the audit table for tax and brokerage schedule information.

## XTR\_TAX\_CATEGORIES

XTR\_TAX\_CATEGORIES contains tax category information. Each row corresponds to one tax category and contains a description of that category. Tax categories are used for grouping tax calculation methods and rates. A category can be assigned to many counterparties and is used as a default tax calculation method during deal input.

This table corresponds to the Categories region of the Categories tabbed region of the Tax Schedule and Details window.

### Column Descriptions

| Name              | Null?    | Type         | Description              |
|-------------------|----------|--------------|--------------------------|
| AUDIT_INDICATOR   | NULL     | VARCHAR2(1)  | Not currently used       |
| DESCRIPTION       | NOT NULL | VARCHAR2(25) | Tax category description |
| TAX_CATEGORY (PK) | NOT NULL | VARCHAR2(7)  | Tax category code        |

### Indexes

| Index Name            | Index Type | Sequence | Column Name  |
|-----------------------|------------|----------|--------------|
| XTR_TAX_CATEGORIES_U1 | UNIQUE     | 2        | TAX_CATEGORY |

## XTR\_TERM\_ACTIONS

XTR\_TERM\_ACTIONS contains the details of the interest rates, principal adjustments, and schedule changes for retail term money deals. Each row corresponds to one action, for example sending a confirmation letter to a party.

### Column Descriptions

| Name                         | Null? | Type         | Description  |
|------------------------------|-------|--------------|--|
| AUDIT_INDICATOR              | NULL  | VARCHAR2(1)  | Not currently used   |
| CREATED_BY                   | NULL  | VARCHAR2(30) | User who created this record   |
| CREATED_ON                   | NULL  | DATE         | Date this record was created   |
| DEAL_NO                      | NULL  | NUMBER       | Unique number assigned to each deal  |
| DUAL_AUTHORISATION_BY        | NULL  | VARCHAR2(30) | Login name of user who created the deal, to be included only if parameter DUAL_AUTHORISE is set to Y                                       |
| DUAL_AUTHORISATION_ON        | NULL  | DATE         | Date on which the user created the deal, to be included only if parameter DUAL_AUTHORISE is set to Y                                       |
| EFFECTIVE_FROM_DATE          | NULL  | DATE         | Interest rate adjustment effective date  |
| FIXED_UNTIL                  | NULL  | DATE         | Interest rate fixed until date   |
| FROM_START_DATE              | NULL  | DATE         | Schedule change effective date   |
| INCREASE_EFFECTIVE_FROM_DATE | NULL  | DATE         | Principal adjustment effective date  |
| MATURITY_DATE                | NULL  | DATE         | Date when the deal matures or when an action is required   |
| NEW_INTEREST_RATE            | NULL  | NUMBER       | New interest rate  |
| NEW_PI_AMOUNT_DUE            | NULL  | NUMBER       | New principal and interest repayment amount  |
| NEXT_COUPON_DATE             | NULL  | DATE         | Next coupon date   |
| PAYMENT_FREQ                 | NULL  | VARCHAR2(12) | Payment frequency  |
| PAYMENT_SCHEDULE_CODE        | NULL  | VARCHAR2(7)  | Payment schedule code  |
| PRINCIPAL_ACTION             | NULL  | VARCHAR2(7)  | Principal action   |
| PRINCIPAL_ADJUST             | NULL  | NUMBER       | Principal adjustment   |
| PRINCIPAL_AMOUNT_TYPE        | NULL  | VARCHAR2(12) | Principal amount type  |
| MASS_RATE_UPDATE             | NULL  | VARCHAR2(1)  | Flag to indicate whether the interest rate adjustment is performed through the Mass Interest Rate Update concurrent program (Y) or not (N) |



## XTR\_TIME\_RESTRICTIONS

XTR\_TIME\_RESTRICTIONS contains details of time restrictions on deals. Each row corresponds to a time limit placed on a deal type or any combination of deal type and deal subtype, product type, or counterparty. The unique key for this table is the deal type, deal subtype, product type, and counterparty; however, only the deal type is required.

This table corresponds to the Deal Time Restrictions window.

### Foreign Keys

| Primary Key Table | Primary Key Column | Foreign Key Column |
|-------------------|--------------------|--------------------|
| XTR_DEAL_SUBTYPES | DEAL_TYPE          | DEAL_TYPE          |
|                   | DEAL_SUBTYPE       | DEAL_SUBTYPE       |
| XTR_DEAL_TYPES    | DEAL_TYPE          | DEAL_TYPE          |
| XTR_PRODUCT_TYPES | PRODUCT_TYPE       | SECURITY_NAME      |
|                   | DEAL_TYPE          | DEAL_TYPE          |

### Column Descriptions

| Name          | Null?    | Type         | Description   |
|---------------|----------|--------------|---|
| CPARTY_CODE   | NULL     | VARCHAR2(7)  | Counterparty code   |
| DEAL_SUBTYPE  | NULL     | VARCHAR2(7)  | Code for deal executions permissible within a deal type   |
| DEAL_TYPE     | NOT NULL | VARCHAR2(7)  | Code for high level deals                                 |
| HIGH_VAL      | NOT NULL | NUMBER       | Length of term limit (in terms of the period type)        |
| LOW_VAL       | NULL     | NUMBER       | Not currently used  |
| PERIOD_TYPE   | NOT NULL | VARCHAR2(1)  | Period type of term limit (days, weeks, months, or years) |
| RANGE         | NULL     | NUMBER       | Number of days of the term limit                          |
| SECURITY_NAME | NULL     | VARCHAR2(10) | Code for products involved in a deal type                 |

### Indexes

| Index Name               | Index Type | Sequence | Column Name   |
|--------------------------|------------|----------|---------------|
| XTR_TIME_RESTRICTIONS_U1 | UNIQUE     | 1        | DEAL_TYPE     |
|                          |            | 2        | DEAL_SUBTYPE  |
|                          |            | 3        | CPARTY_CODE   |
|                          |            | 4        | SECURITY_NAME |

# XTR\_TY\_SUB\_PRD\_PORT\_COMBIN\_V

XTR\_TY\_SUB\_PRD\_PORT\_COMBIN\_V shows all combinations of authorized deal type, deal subtype, product type, and portfolio. This view is used to set up the XTR\_JOURNAL\_ENTRY\_ACTIONS table.

This view corresponds to the single-row block of the Journal Structures tabbed region of the Journal Entry Actions window.

### View Definition

```
CREATE VIEW XTR_TY_SUB_PRD_PORT_COMBIN_V
as SELECT
    distinct
    a.DEAL_TYPE,
    dt.USER_DEAL_TYPE,
    a.DEAL_SUBTYPE,
    st.USER_DEAL_SUBTYPE,
    a.PRODUCT_TYPE,
    b.COMPANY_CODE,
    b.PORTFOLIO

    from XTR_AUTH_TYPE_SUBTYPE_PROD a,
         XTR_PORTFOLIOS b,
         XTR_DEAL_TYPES dt,
         XTR_DEAL_SUBTYPES st
where   a.DEAL_TYPE = dt.DEAL_TYPE
AND     (a.DEAL_TYPE = st.DEAL_TYPE AND
         a.DEAL_SUBTYPE = st.DEAL_SUBTYPE)
```

### Column Descriptions

| Name              | Null?    | Type         | Description   |
|-------------------|----------|--------------|---|
| DEAL_TYPE         | NOT NULL | VARCHAR2(7)  | Code for high level deals                               |
| USER_DEAL_TYPE    | NOT NULL | VARCHAR2(7)  | User-defined deal type code                             |
| DEAL_SUBTYPE      | NOT NULL | VARCHAR2(7)  | Code for deal executions permissible within a deal type |
| USER_DEAL_SUBTYPE | NOT NULL | VARCHAR2(7)  | User-defined deal subtype code                          |
| PRODUCT_TYPE      | NOT NULL | VARCHAR2(10) | Refer to base table.                                    |
| COMPANY_CODE      | NOT NULL | VARCHAR2(7)  | Company code  |
| PORTFOLIO         | NOT NULL | VARCHAR2(7)  | Code for grouping deals under a single portfolio        |

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