Oracle Financial Services Currency Rates

User Guide

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ORACLE
Financial Services

ORACLE

Currency Rates

Document Control

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1.0	June 2022	Created the first draft of the document.

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1.1   Get Help in the Applications

Use Help icons to access help in the application.

Note that not all pages have Help icons. You can also access the [Oracle Help Center](#) to find guides and videos.

1.1.1   Watch video

Watch: This video tutorial shows you how to find and use help.

You can also read about it instead.

1.1.2   Additional Resources

- Community: Use [Oracle Cloud Customer Connect](#) to get information from experts at Oracle, the Partner Community, and other users.
- Training: Take courses on Oracle Cloud from [Oracle University](#).

1.2   Learn About Accessibility

For information about Oracle's commitment to accessibility, visit the [Oracle Accessibility Program](#). Videos included in this guide are provided as a media alternative for text-based topics also available in this guide.

1.3   Get Support

You can get support at [My Oracle Support](#).

For accessible support, visit Oracle Accessibility Learning and Support.

1.4   Get Training

Increase your knowledge of Oracle Cloud by taking courses at Oracle University.

1.5   Join Our Community

Use Cloud Customer Connect to get information from industry experts at Oracle and in the Partner Community. You can join forums to connect with other customers, post questions, and watch events.

1.6   Share Your Feedback

We welcome your feedback about Oracle Applications user assistance. If you need clarification, find an error, or just want to tell us what you found helpful, we'd like to hear from you.

You can email your feedback to My Oracle Support.

Thanks for helping us improve our user assistance!

1.7   Before You Begin

Refer to following Documents:
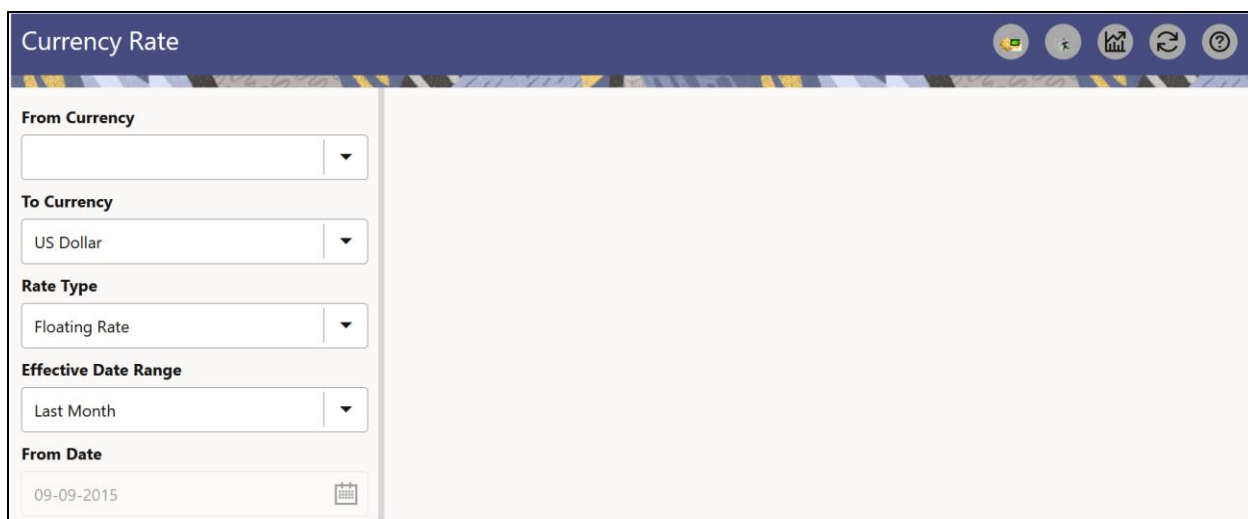
- See What's New
- Get started with Cash Flow Engine Cloud Service

2   Currency Rates

Currency Rates Module uses the currencies defined and activated in the Currency Module to support the creation and maintenance of Historical Exchange Rates. In the Currency Rate Window, you can manage historical Exchange Rates between currencies.

To Currency defaults to the Initial Currency selection from the Assumption Management defaults in the Active Preferences Window. You can select another To Currency from the drop-down list that displays all Active Currencies.

Figure 1: Currency Rate

2.1   Adding Exchange Rate Data

Based on the Rate Types, you can add the following Exchange Rate Data:

- Floating Rates

  Floating Exchange Rates, such as those between the US Dollar (USD), the Pound Sterling (GBP), the Japanese Yen (JPY), and the Euro (EUR), are market-driven and can change from day-to-day, hour-to-hour, or minute-to-minute.

- Fixed Rates

  Some countries, especially smaller countries or countries that have experienced significant inflation in the recent past, can wish to "peg" their currency to a larger, more stable currency such as the US Dollar, Japanese Yen, or Euro.

2.1.1   Adding Floating Rate Data

To add the Exchange Rate Data, follow these steps:

1. Select a **From Currency**.

2. Select a **To Currency.**

3. Select **Rate Type** as **Floating Rate** (default selection is Floating Rate).

4. The RHS pane is displayed as **Floating Currency** Rates.

5. Select **Effective Date Range** to enter the values in **From Date** and **To Date** fields.

6. Select the **Rate Provider**.

7. Currency Rate Pane initially displays a single blank row followed by the most recent month's Exchange Rate data (if any such Exchange Rate Data already exists). To enter a single new Exchange Rate Data Point, enter data into the blank row.

Table: Floating Currency Rates

Fields	Description
Effective Date	Directly enter a date or select the **Calendar** icon to choose an effective date for your new Exchange Rate data point.
	Rate Management Stores the Historical Exchange Rate Data. You cannot enter Exchange Rate data for dates greater than the current date.
Exchange Rate	This must be entered as 1 unit of **From Currency** are converted to n unit of To Currency.
Status	Status is a read-only display that is updated after the Currency Rates Validation has been run.
Data Origin	The **Data Origin** is displayed read-only and indicates whether the rates were input through the UI or the Data Loader.

8. Click **Save**.

9. Click **Add** to add additional blank rows to enter the additional Effective Dates and Exchange Rates. After adding the multiple new Exchange Rates, click Save.

2.1.2 Adding Fixed Rate Data

To add the Exchange Rate Data, follow these steps:

1. Select a **From Currency**.

2. Select a **To Currency**.

3. Select **Rate Type** as **Fixed Rate.**

4. After selecting a **To Currency** value, the RHS pane is displayed as **Fixed Currency** Rates.

5. Select **Effective Date Range** to enter the values in **From Date** and **To Date** fields.

6. Select the **Rate Provider**.

7. Currency Rate Pane initially displays a single blank row followed by the most recent month's Exchange Rate Data (if any such Exchange Rate Data already exists). To enter a single new Exchange Rate Data Point, enter data into the blank row.

Table: Fixed Currency Rates

Fields	Description
Effective From Date	Directly enter a date or select the Calendar icon to choose an effective date for your new Exchange Rate Data Point.
Effective From Date	Directly enter a date or select the Calendar icon to choose an effective date for your new Exchange Rate Data Point.
Currency Exchange Rate	This must be entered as 1 unit of **From Currency** are converted to n unit of To Currency.
Status	Status is a read-only display that is updated after the Currency Rates Validation has been run.
Data Origin	The Data Origin is displayed read-only and indicates whether the rates were input through the UI or the Data Loader.

8. Click **Save**.

9. Click **Add** to add additional blank rows to enter the additional Effective Start and End Dates and Exchange Rates. After adding the multiple new Exchange Rates, click Save.

2.2   Editing Exchange Rate Data

Select the check box on the left-hand side of any row to enable the **Edit** icon. After clicking **Edit**, the row becomes active to edit the **Effective Date** and (or) the **Exchange Rate**. Click **Save** to save the changes.

2.3   Viewing Exchange Rate Data

By default, both the **Floating Currency Rates** Pane and the **Fixed Currency Rates** Pane display the most recent month of historical Exchange Rate Data. You can control the amount of data displayed by selecting a different value from the **Effective Date Range** drop-down list in the **Currency Selection** Window.

From Date and **To Date** can also be modified to view relevant Currency Rates.

2.4   Deleting Exchange Rate Data

Select one or more check boxes on the left-hand side of any row to enable the **Delete** icon. After clicking **Delete**, a confirmation message is displayed. Click **Ok**.

2.5   Download

The Download functionality is used to download the Historical Exchange Rates.

2.6 Currency Exchange Rate Validation

Exchange Rate Validation has the following features:

- Movement of historical Exchange Rates to the Currency Direct Access Table.

- Calculation of inverse Exchange Rates for Reporting Currencies.

- Calculation of triangulated Exchange Rates where possible.

2.6.1.1 Features of Exchange Rate Validation

The goal of Exchange Rate Validation is to ensure that Exchange Rates from all active currencies to all reporting currencies are available for processing. Some of these rates can come from the validated direct input, others are calculated based on relationships with other rates. To support triangulation, all fixed Exchange Rates are available for all currencies that make up an exchange that needs to be triangulated. Also, a direct Exchange Rate between each Child Currency and each reporting currency is calculated and supplied to support quick access to Exchange Rates. If a Child currency is a Reporting Currency, then Exchange Rates are calculated for all currencies having an exchange relationship with the Parent Currency.

2.6.1.2 Validating Exchange Rate Relationships

You must run the Exchange Rate Validation Process after adding or modifying Exchange Rate Data. Run the process immediately or schedule one or more to be run in the future.

Each Exchange Rate has one of the following statuses:

Table: Details of Exchange Rates

Fields	Description
Not Yet Validated	The Exchange Rate has been input or loaded but not yet validated.
Valid	The Exchange Rate has been validated.
Invalid	The Exchange Rate has violated one or more acceptance rules.

Only Exchange Rates in valid status are available for processing and they are not subject to future validation unless you edit them. The Rate Validation Status is displayed in the Currency Rates Window of the Rate Management.

2.6.1.2.1 Exchange Rate Validation Criteria

In the Rate Validation Process, all Exchange Rate relationships in the database are examined for compliance with the following criteria. Error messages and warnings are displayed if one or more criteria are not met.

1. If a currency is defined as a Child in a fixed exchange relationship then it must not be in any floating (standard) Exchange Rate Relationship at the same time. Consequently, all floating Exchange Rates to or from the Child Currency must be defined through the Parent Currency. If this criterion is not met then the following message is displayed: Invalid fixed relationship—Child Currency exists in a standard Exchange Rate within the same time period.

2. A Child Currency within a fixed relationship must not be a Child Currency in any other Fixed Relationship during the same time period. If this criterion is not met then the following message is displayed: Invalid fixed relationship—Child Currency already exists in a fixed relationship for the same time period.

3. A Circular Relationship must not exist. In other words, a Child Currency cannot link back to its Parent in any other FixedRate Relationship within the same time period. If it does, then the following message is displayed: Invalid fixed relationship creates a circular relationship with other fixed Exchange Rates.

4. Regarding new Floating (standard) Exchange Rates, from and To currencies must not exist as Child Currencies within any Fixed Exchange Rate Relationships. If this criterion is not met then the following message is displayed: From/To/Both currency(ies) in the new Exchange Rate already exist in a fixed relationship for the same time period.

5. If any Exchange Rate is equal to 0, then a warning message is displayed. Generally speaking, 0 is a valid value. You can use it, for example, to designate an Exchange Rate with a currency of a country that no longer exists.

If two Exchange Rate Relationships fail to meet these criteria then both of them will be labeled Invalid. (Exception, if one of the relationships is already in Valid status, then the other one will be labeled Invalid.) For example, if a currency is defined as a Child in a Fixed Rate Relationship and is also defined as being in a Floating Relationship at the same time, then both Fixed and Floating Rates for that currency will be labeled Invalid.

If there are both direct and Inverse Floating Exchange Rates defined for any two currencies (in other words, one currency is both a To and a From Currency in relation to the other), then both relationships will be marked valid.

2.6.1.3   Running an Exchange Rate Validation

You can run a validation immediately or schedule one or more for later. The Validation Status is displayed in the Currency Rates Window of the Rate Management.

You can execute the Exchange Rate validation using the **Currency Rates Validation** option.

To execute the Exchange Rate Validation, follow these steps:

1. Click **Currency Rates Validation**.

2. To execute Exchange Rate validation from the **Currency Rates** Window, the following two options are available:

   - **Specify Dates:** After selecting this option, a Select Dates Pane is displayed to enter or verify the Start Date and End parameters. These dates will be passed to the batch for execution.

   - **Start Date:** This defaults to the date of last rate validation.

   - **End Date:** This defaults to the current date.

   - **Validate For All Dates:** Select this option to validate all the rates irrespective of dates.

NOTE   This option will replace all of the validated Exchange Rate History and can be a time-consuming process depending on the amount of history available to be processed.

3   Importing Currency Rates

To import the Currency Rate, follow these steps:

1. Navigate to the Currency Rate page.

2. Select Upload Data.

3. Select the type of Rate as Floating or Fixed.

4. Click the Drag and Drop option to select the file.

> **NOTE**   The excel file, you are uploading should be in a specific format. You can download the template using the Download Template option. The Templates for Fixed and Floating Rate Types.

5. Click Upload.

OFSAA Support

Raise a Service Request (SR) in [My Oracle Support (MOS)](#) for queries related to the OFSAA Applications.

Send Us Your Comments

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- Did you find any errors?

- Is the information clearly presented?

- Do you need more information? If so, where?

- Are the examples correct? Do you need more examples?

- What features did you like most about this manual?

If you find any errors or have any other suggestions for improvement, indicate the title and part number of the documentation along with the chapter/section/page number (if available) and contact the My Oracle Support.

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