# Oracle® Communications Convergent Charging Controller
## Mobile Roaming Help

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Oracle Communications Convergent Charging Controller Mobile Roaming Help, Release 15.0.0

F83541-01

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# The USSD Configuration Screens

This chapter explains how to use the USSD configuration screen.

**Note:** You can access the USSD configuration screen through the Service Management System Administration screens.

For more information on the functionality supported by the USSD screens, see *Service Management System User's Guide*.

This chapter contains the following topics.

Barred Numbers

IMSI to MSISDN mapping

Statistic Reporting

## Barred Numbers

The **Barred Numbers** tab is used to maintain the list of globally barred numbers for the USSD application.

This information is stored in the table USSD_BARRED_NUMBERS, which must be replicated to each SLC on which the service is to run.

## Editing Barred Numbers

Follow these steps to add, modify or delete numbers from the barred numbers list.

1. Open the USSD Configuration screen, and select the **Barred Numbers** tab.
2. In the **Barred Number** field, enter either the prefix of the numbers to bar or the full number to bar.

   The Barred Number must be a unique numeric string and less than 30 digits long.

   **Note:** Use the **Find** button to find an existing number, if you do not know the exact number.
3. Click one of:
   - **Save** to save the changes to the database
   - **Delete** to remove a barred number from the list
   - **Close** to close the screen without saving the changes

## IMSI to MSISDN mapping

The **Map Entry** tab allows you to configure the mappings between the International Mobile Subscriber Identifier (IMSI) and Mobile Station Integrated Services Digital Network (MSISDN).

It is only available on installations where the USSD_IMSI_X_MSISDN table for number translations is installed. The map information is stored in the USSD_IMSI_X_MSISDN table, and must be replicated to each SLC that USSD runs on.

**Note:** Entries in this table are ignored if the IMSIISMSISDN option has been set for the USSD application.

## Editing Map Entries

Follow these steps to add, modify or delete IMSI to MSISDN mapping entries.

1. Open the USSD Configuration screen and select the **Map Entry** tab.

2. In the **IMSI** field, enter the IMSI number.

   The IMSI number must be a unique numeric string, less than 40 digits long. It cannot be null.

   **Note:** Use the **Find** button to search for an existing map entry if you do not know the exact number.

3. In the **MSISDN** field enter the MSISDN number to map to.

   The MSISDN number must be a unique numeric string, less than 20 digits long. It cannot be null.

   **Note:** The MSISDN has a foreign key constraint on CCS_ACCT_REFERENCE.CLI.

4. Click one of:

   • **Save** to save the changes to the database

   • **Delete** to delete a map entry

   • **Close** to close the screen without saving the changes

## Statistic Reporting

There are several statistics recorded for the USSD application. They are displayed using the standard SMS Statistics Management screen. For more information, see *Service Management System User's Guide*.