

## System Validation Table Editor

# System Validation Tables

## Overview

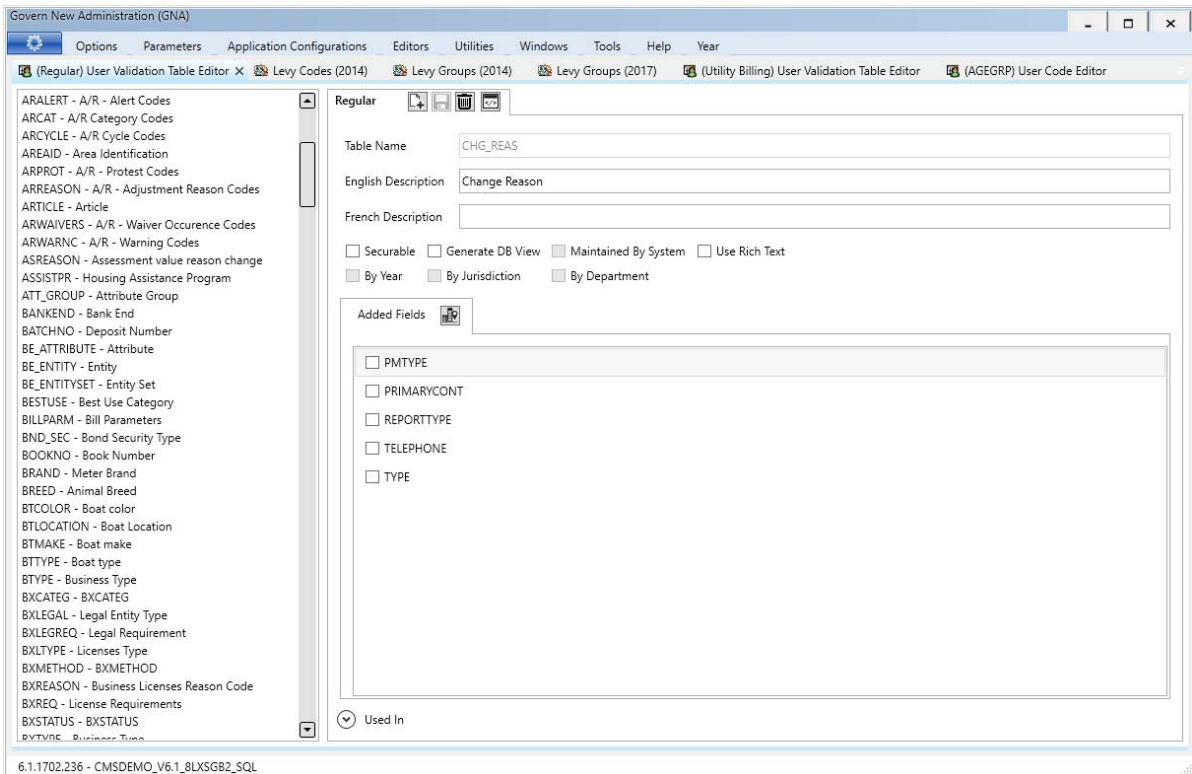
System Validation Tables are used throughout Govern to provide input for a variety of drop-down lists on the forms. Information on specific tables is provided in the documentation on the specific modules. They are similar to user validation tables, but all are maintained by Govern.

This page provides information on the general setup and features.

## Accessing the System Validation Table Editor

To access the System Validation Table Editor:

1. Launch GNA.
2. Select **Editors > System Validation Table Editor**.



The screenshot shows the 'System Validation Table Editor' window in the 'Govern New Administration (GNA)' application. The window has a menu bar with 'Options', 'Parameters', 'Application Configurations', 'Editors', 'Utilities', 'Windows', 'Tools', 'Help', and 'Year'. Below the menu bar is a toolbar with icons for 'Regular', 'Levy Codes (2014)', 'Levy Groups (2014)', 'Levy Groups (2017)', '(Utility Billing) User Validation Table Editor', and '(AGEGRP) User Code Editor'. The main area is divided into two panes. The left pane contains a list of tables with their descriptions, such as 'ARALERT - A/R - Alert Codes', 'ARCAT - A/R Category Codes', 'ARCYCLE - A/R Cycle Codes', 'ARECID - Area Identification', 'ARPROT - A/R - Protest Codes', 'ARREASON - A/R - Adjustment Reason Codes', 'ARTICLE - Article', 'ARWAIVERS - A/R - Waiver Occurrence Codes', 'ARWARNC - A/R - Warning Codes', 'ASREASON - Assessment value reason change', 'ASSISTPR - Housing Assistance Program', 'ATT\_GROUP - Attribute Group', 'BANKEND - Bank End', 'BATCHNO - Deposit Number', 'BE\_ATTRIBUTE - Attribute', 'BE\_ENTITY - Entity', 'BE\_ENTITYSET - Entity Set', 'BESTUSE - Best Use Category', 'BILLPARM - Bill Parameters', 'BND\_SEC - Bond Security Type', 'BOOKNO - Book Number', 'BRAND - Meter Brand', 'BREED - Animal Breed', 'BTCOLOR - Boat color', 'BTLOCATION - Boat Location', 'BTMAKE - Boat make', 'BTTYPE - Boat type', 'BTTYPE - Business Type', 'BXCATEG - BXCATEG', 'BXLLEGAL - Legal Entity Type', 'BXLLEGREQ - Legal Requirement', 'BXLTYPE - Licenses Type', 'BXMETHOD - BXMETHOD', 'BXPREASON - Business Licenses Reason Code', 'BXPREQ - License Requirements', 'BXSTATUS - BXSTATUS', and 'BXTYPE - Business Type'. The right pane is titled 'Regular' and contains a form for editing the 'CHG\_REAS' table. The form has fields for 'Table Name' (CHG\_REAS), 'English Description' (Change Reason), and 'French Description'. Below these fields are checkboxes for 'Securable', 'Generate DB View', 'Maintained By System', 'Use Rich Text', 'By Year', 'By Jurisdiction', and 'By Department'. At the bottom of the right pane is a section for 'Added Fields' with a list of fields: 'PMTYPE', 'PRIMARYCONT', 'REPORTTYPE', 'TELEPHONE', and 'TYPE'. A 'Used In' button is located at the bottom left of the right pane. The status bar at the bottom of the window displays '6.1.1702.236 - CMSDEMO\_V6.1\_8LXSG82\_SQL'.

## System Validation Table Action Buttons

**New:** Click the **New** button to create a new System Validation Table. When you click **New**, the **Cancel** button is available.

**Save:** Click **Save** to save modifications to a table.

**Delete:** When you click **Delete**, a confirmation message appears. If you click OK, you delete the table and the codes created for the table.

**Codes:** Click the **Codes** button to view or create

## System Validation Table Parameters

**Table Name:** The table name is unique. Only alphabetical and underscore characters are used. All characters are in uppercase.

**English / French Description:** Enter a English and French descriptions for identifying the table.

## System Validation Table Options

The section describes the options that are applicable to some tables.

### Securable

Select this option to enable security on the validation codes for the selected table. The security is applied in the Govern Security Manager.

The following scenario illustrates how to apply security on the Permit Activities validation codes table.

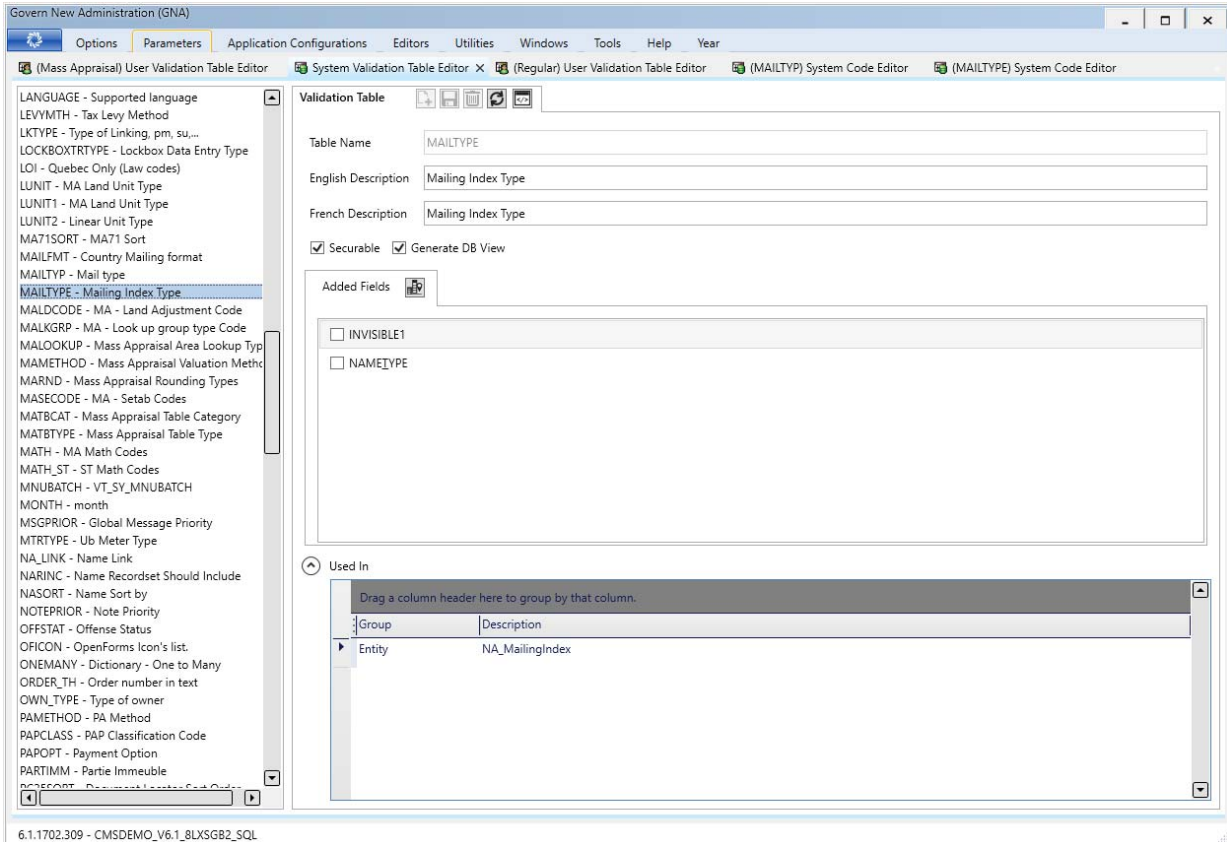
### Scenario: Setting Security on the Mailing Index

To enable security settings for the Mailing Index codes:

1. Launch GNA.
2. Select **Editors > System Validation Table Editor**.

## System Validation Table Editor

3. Select **MAILTYPE - Mailing Index Type** in the list of tables on the left.



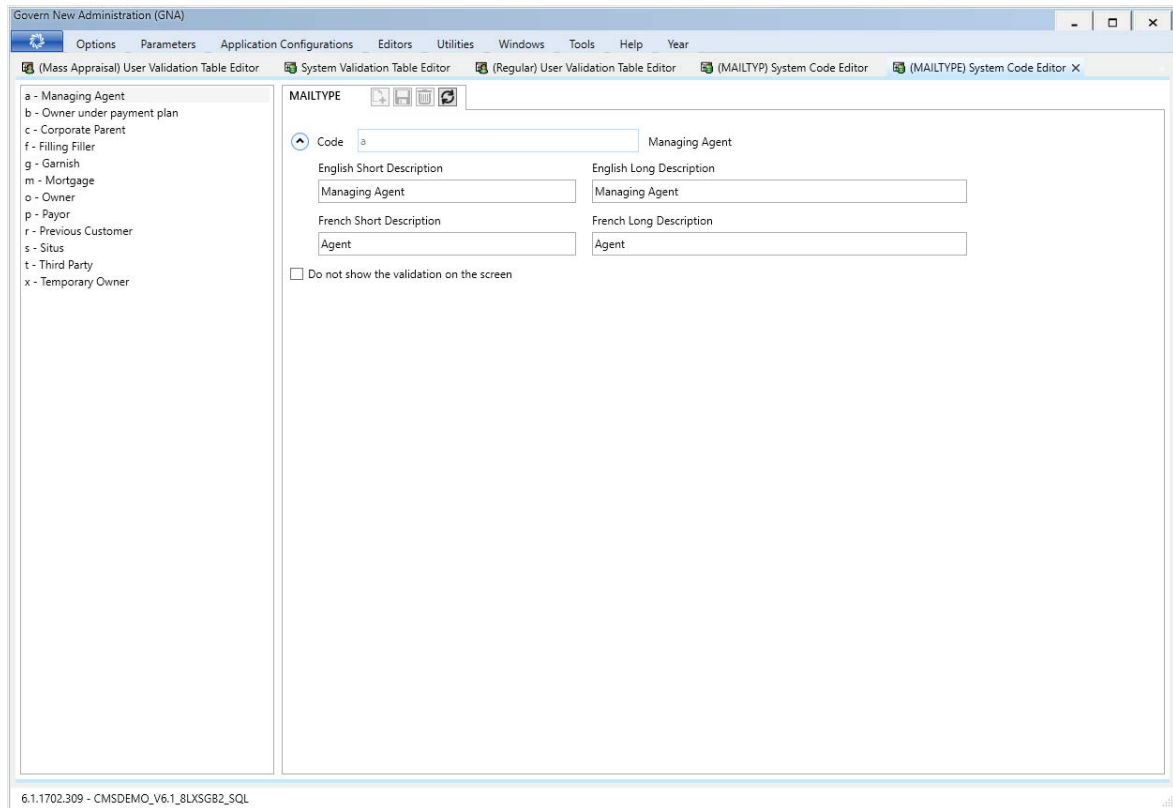
The screenshot shows the 'System Validation Table Editor' window. On the left, a list of tables is displayed, with 'MAILTYPE - Mailing Index Type' selected. The main area shows the configuration for this table:

- Table Name:** MAILTYPE
- English Description:** Mailing Index Type
- French Description:** Mailing Index Type
- ☒ **Securable** ☒ **Generate DB View**
- Added Fields:** A list of fields including INVISIBLE1 and NAMEIYPE.
- Used In:** A table showing the relationship between the table and its usage:

| Group  | Description     |
|--------|-----------------|
| Entity | NA_MailingIndex |

4. Select the **Securable** option.
5. Click **Save**.
6. Follow the next procedure to set restriction on the Mailing Index Type Validation Codes, as required.

The Validation Codes are shown in the following screen shot:



## Setting Security Permissions on the Validation Codes

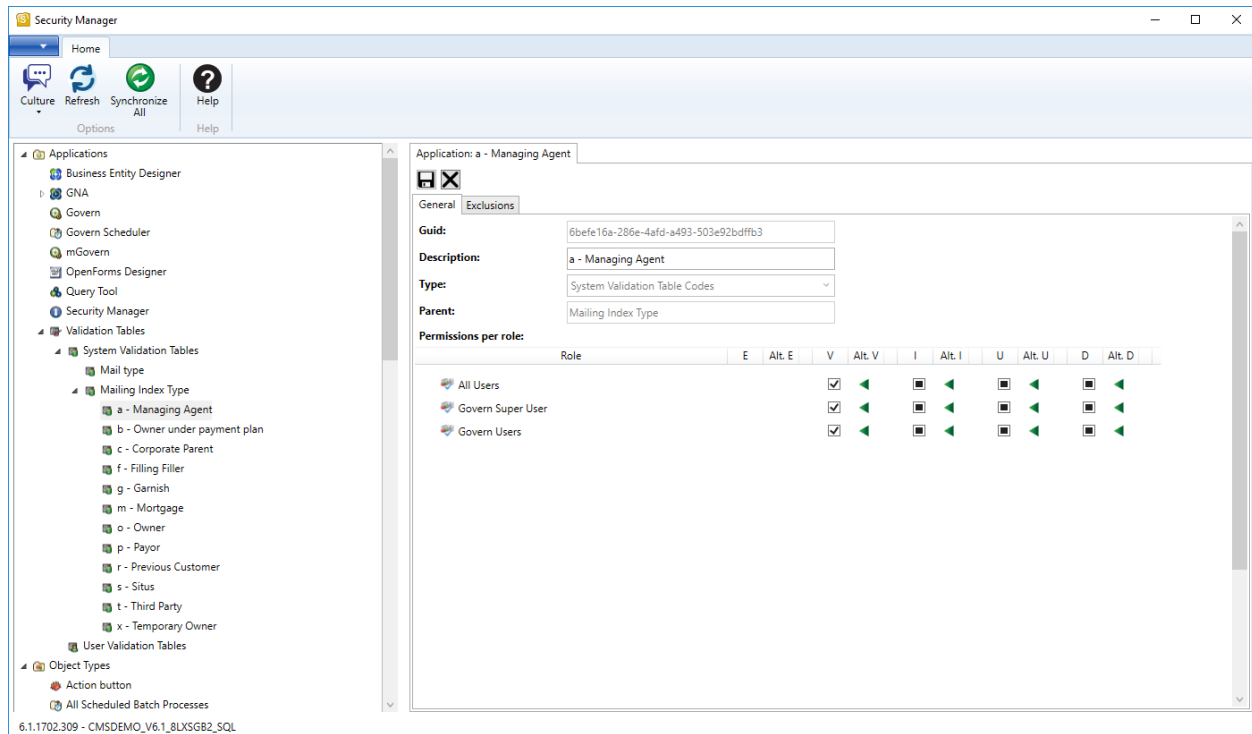
To set security on the Mailing Index Codes:

1. Launch the Govern Security Manager (GSM).
2. Select **Synchronize All**.
3. Select **Applications > Validation Tables > System Validation Tables**.

**Note:** Only the tables with the **Securable** option selected appear in the list.

4. Double-click **Mailing Index Type** to expand the table and view the codes.

# System Validation Table Editor



- Right click on the code on which you want to restrict permission.
- Select **Exclusions**.
- Select the users you want to exclude.
- Click **Save**.

*For further details on the GSM, refer to the Govern Security Manager (GSM) documentation.*

## Generate Database View

Select this option to create a database view from the selected table. The view is saved under Views in the Govern database. The format is table name with the prefix **V\_**.

To generate a Database View:

- Launch GNA.
- Select **Editors > User Validation Table Editor**.
- Select the applicable category.

4. Select the applicable table in the list on the left.
5. Select the **Generate DB View** option.
6. Click **Save**.
7. Select **Utilities > Database Verification** in the GNA ribbon.
8. Run the Database Verification procedure.

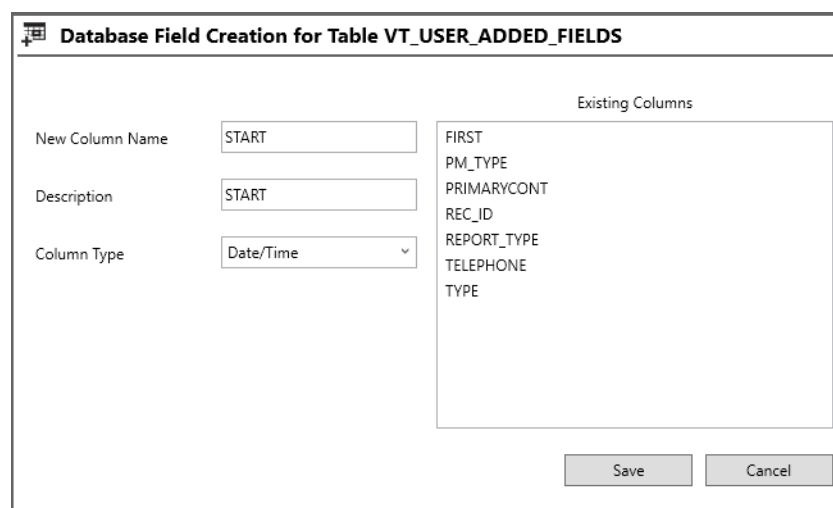
## Added Fields

Added fields are used for some validation tables. In this procedure, you create a new database column for the selected table.

To set up added fields for a user validation table:

1. Launch GNA.
2. Select **Editors > System Validation Tables**.
3. Select the table.
4. Select **Add Field** in the **Added Fields** tab.

The Database Field Creation form appears.



The existing columns are listed on the right.

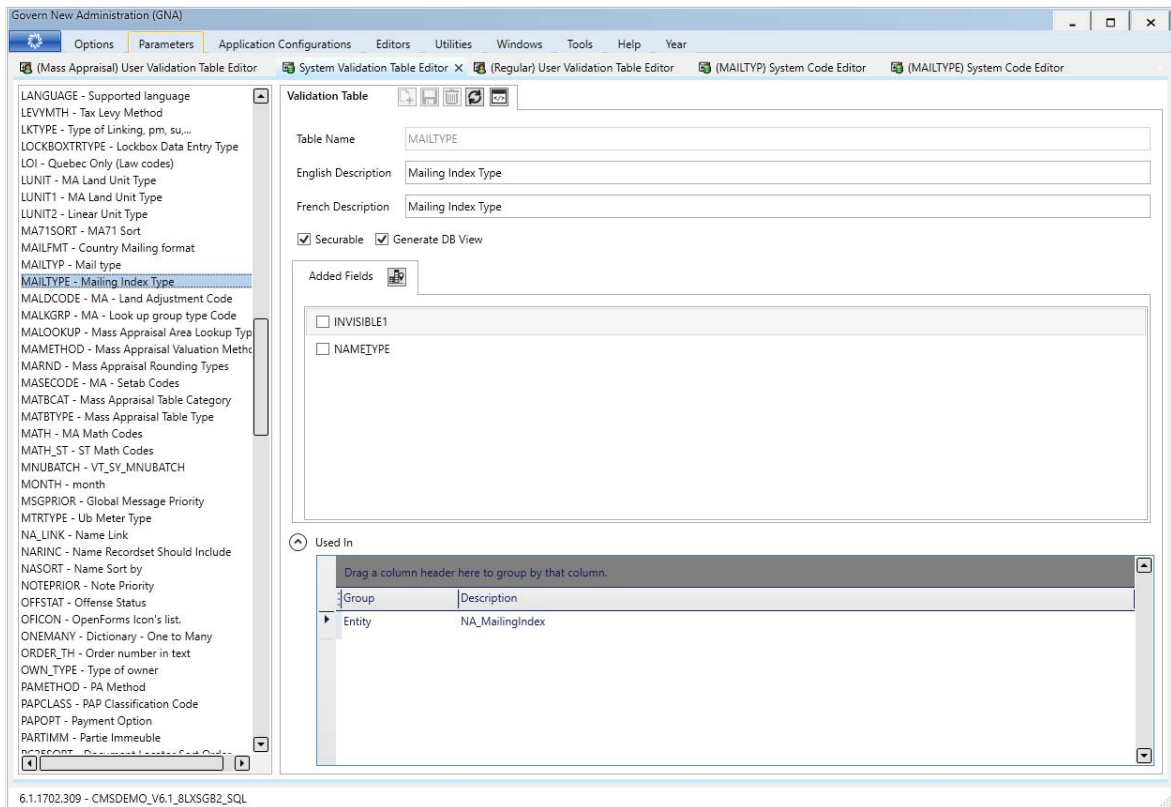
5. Enter the name of the new column in the **New Column Name** field.
6. The **Description** field is automatically populated with the new column name. Modify this if required.

## System Validation Table Editor

7. Select a data type, such as currency, date / time, numeric, or text in the **Column Type** field.
8. Click **Save**.

## Used In

The Used In section, at the bottom of the form, lists the entities that contain the table.



Govern New Administration (GNA)

Options Parameters Application Configurations Editors Utilities Windows Tools Help Year

(Mass Appraisal) User Validation Table Editor System Validation Table Editor X (Regular) User Validation Table Editor (MAILTYPE) System Code Editor (MAILTYPE) System Code Editor

Validation Table

Table Name: MAILTYPE

English Description: Mailing Index Type

French Description: Mailing Index Type

☒ Securable ☒ Generate DB View

Added Fields

☐ INVISIBLE1

☐ NAME1TYPE

Used In

Drag a column header here to group by that column.

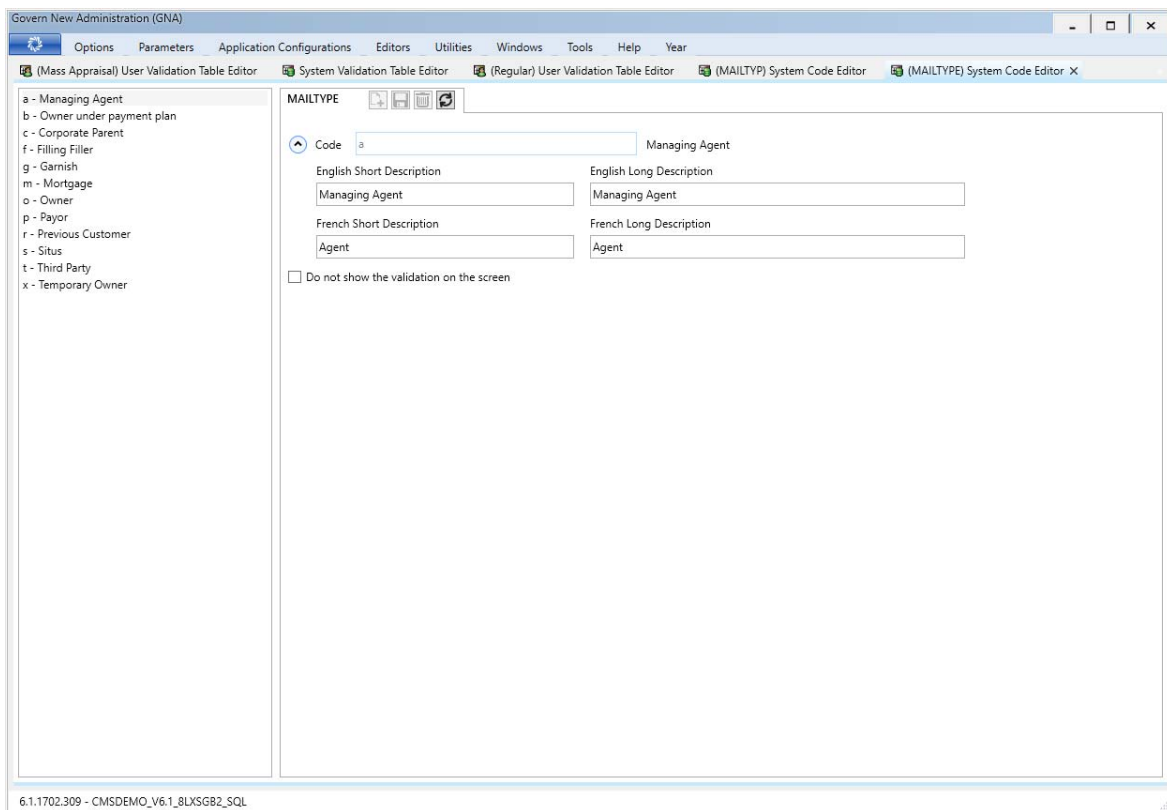
| Group  | Description     |
|--------|-----------------|
| Entity | NA_MailingIndex |

6.1.1702.309 - CMSDEMO\_V6.1\_8LXSG82\_SQL

# Creating Validation System Codes

To create validation codes:

1. Launch GNA.
2. Select **Editors > System Validation Tables**.
3. Select the table.
4. Click the **Codes** button on the Validation Table Editor to create codes for the selected table.



The screenshot shows the 'System Validation Table Editor' window in the Govern New Administration (GNA) application. The window has a menu bar with 'Options', 'Parameters', 'Application Configurations', 'Editors', 'Utilities', 'Windows', 'Tools', and 'Help'. Below the menu bar, there are several tabs: '(Mass Appraisal) User Validation Table Editor', 'System Validation Table Editor', '(Regular) User Validation Table Editor', '(MAILTYPE) System Code Editor', and '(MAILTYPE) System Code Editor X'. The 'System Validation Table Editor' tab is active. On the left side, there is a list of validation codes: 'a - Managing Agent', 'b - Owner under payment plan', 'c - Corporate Parent', 'f - Filling Filler', 'g - Garnish', 'm - Mortgage', 'o - Owner', 'p - Payor', 'r - Previous Customer', 's - Situs', 't - Third Party', and 'x - Temporary Owner'. The 'a - Managing Agent' code is selected. The main area of the window is titled 'MAILTYPE' and contains a 'Code' field with the value 'a'. To the right of the 'Code' field is the text 'Managing Agent'. Below this, there are four text input fields arranged in a 2x2 grid. The top row is for 'English' descriptions: 'English Short Description' (containing 'Managing Agent') and 'English Long Description' (containing 'Managing Agent'). The bottom row is for 'French' descriptions: 'French Short Description' (containing 'Agent') and 'French Long Description' (containing 'Agent'). At the bottom of the main area, there is a checkbox labeled 'Do not show the validation on the screen' which is currently unchecked. The status bar at the bottom of the window displays '6.1.1702.309 - CMSDEMO\_V6.1\_8LXSGB2\_SQL'.

**Code:** Enter a unique code for the validation user code. This is used for identification.

**English and French Short and Long Descriptions:** Enter a description to easily identify the validation code in lists and on reports.

## System Validation Table Editor

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**English / French Full Description:** Enter a longer description in this field. If the Use Rich Text option is selected, then character styles can be applied to the text.

**Do not show the validation code on the screen.** Select this option to hide the selected validation code from view.