



# Extender module: Validate AR State

Setup Documentation

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## What's Included

An Extender module imported through Orchid Systems' Extender Setup > Module adds:

- A state table to enter the valid states
- A finder on the AR Customer screen to the State Table

The module script is named: [ValidState V1.00.vi](#)

It contains:

- One Extender OCX Script which will add a finder to the AR1300 Customer Screen .
- One Extender View Script – attached to AR0024 which will validate what is entered in the State/Prov field
- A custom table [ORCHID.STATEVALID.VISTATE] that contains the valid states

This module requires Extender Developer Edition.

## Disclaimer

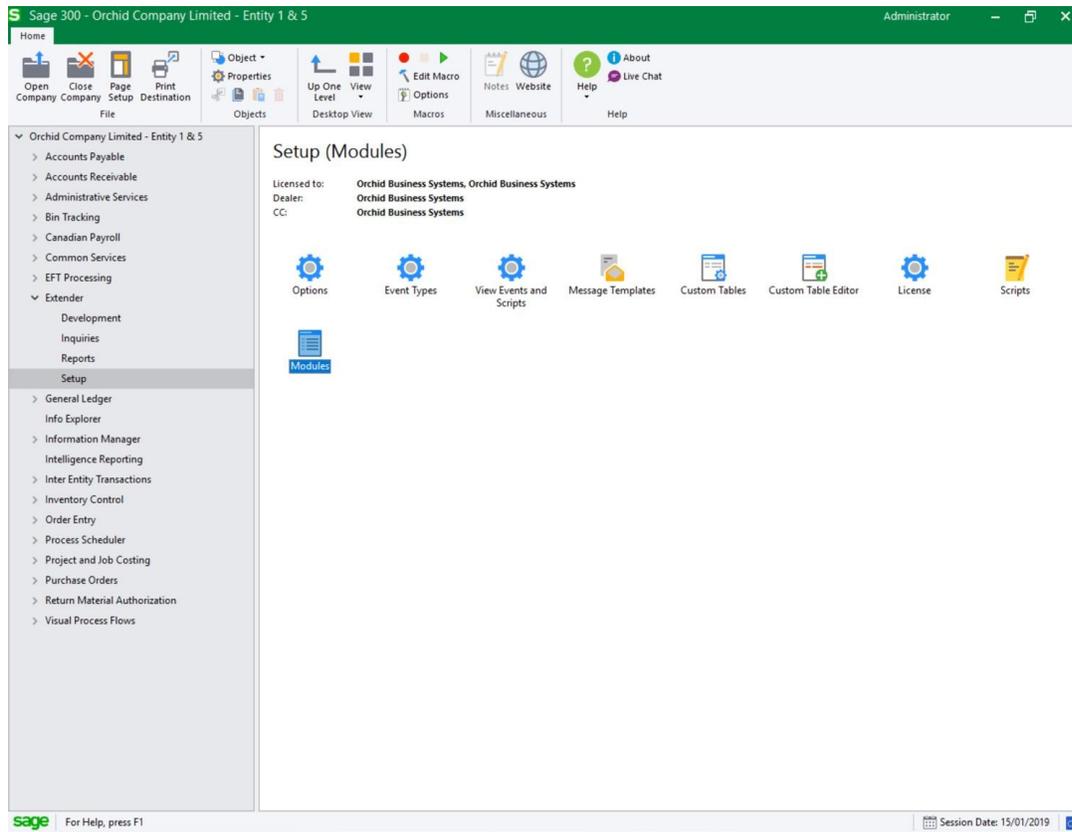
This application is to be used with Sage 300 and Orchid Systems modules only.

Orchid Systems provides the application as-is having been developed and tested in-house using a standard Sage 300 implementation with Sage sample data.

If this code is deployed in a live production environment it is the responsibility of the End User to ensure that it is operating as required.

## Importing the Module Script.

From the Extender Setup menu, select the Modules screen.



When the Modules screen opens, press [IMPORT] and import the module script: StateValid v1.0.vi  
Restart the Sage 300 Desktop – to refresh the available views and OCX subclassing

The screenshot shows the "SAMLTD - Extender Modules" window. It contains a table with the following data:

Company	Name	Description	Date Installed	Website	Version	ID
Orchid Systems	Import Transactions into GL v1.02	Import CSV file entries into G/L Batch	28/01/2019	www.orchid.systems	1.02	ORCHID.GLIMPORT
Orchid Systems	Orchid - Demo - PO Order Print and Email	Demo PO Order Entry Screen with Print and Email	28/01/2019	www.orchid.systems	1.00	ORCHID.POUIDEMO
Orchid Systems	StateValid	Validate AR State field against a custom table		www.orchid.systems	1.00	ORCHID.STATEVALID

At the bottom of the window, there are buttons for "Import...", "Export...", "Enable", "Disable", and "Close".

## View Script / OCX Script / Custom Table

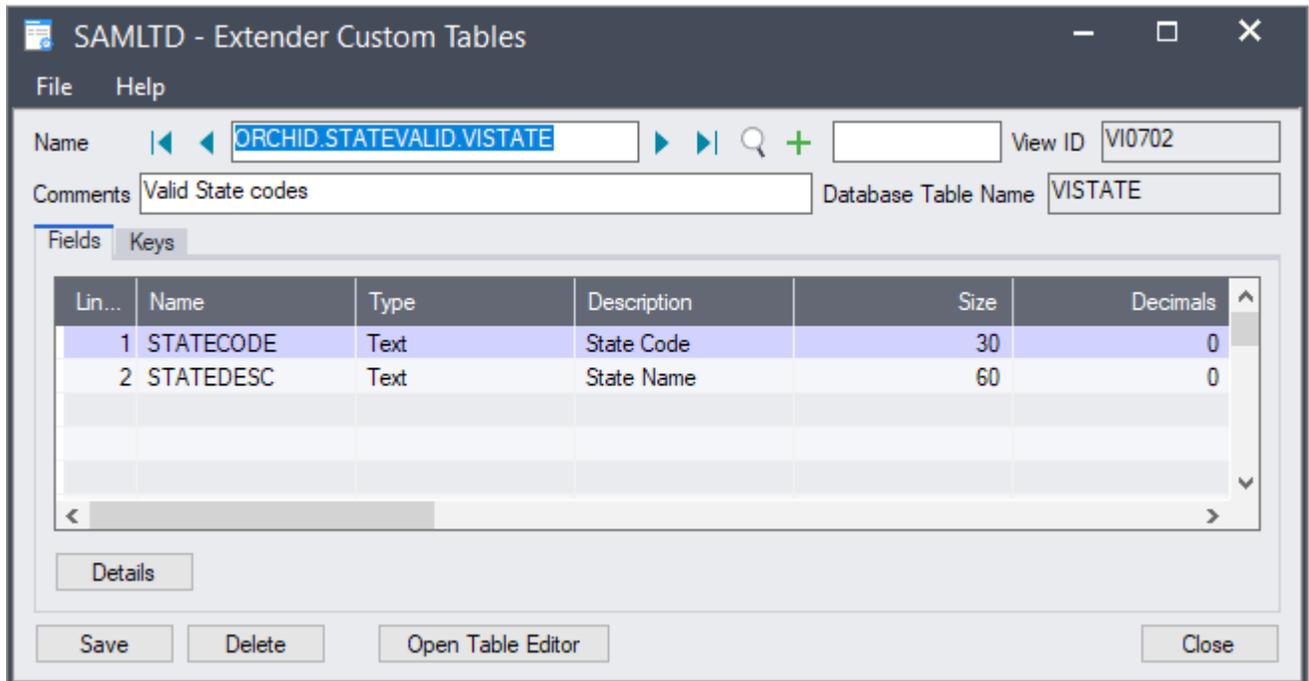
Importing the module will automatically

- Create the State table required
- Create the OCX Extender script for the AR Customer Screen
- Create the View Extender script for the AR Customer View

## Custom Table

A custom Extender table is created as part of importing the module script.

VISTATE – Valid States

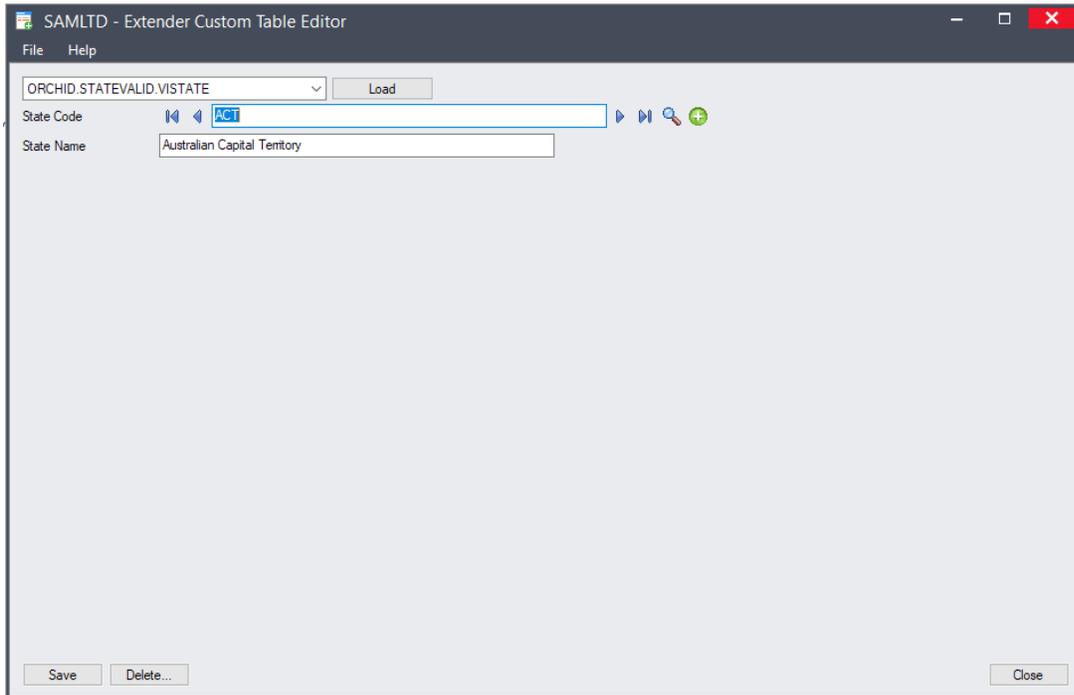


## Entering data into the Custom Tables view the custom edit screen.

To enter data into the State table, use either the standard Extender Custom Table Editor as shown below, or the Custom Tables screen, find the VISTATE table and click “Open Table Editor”.

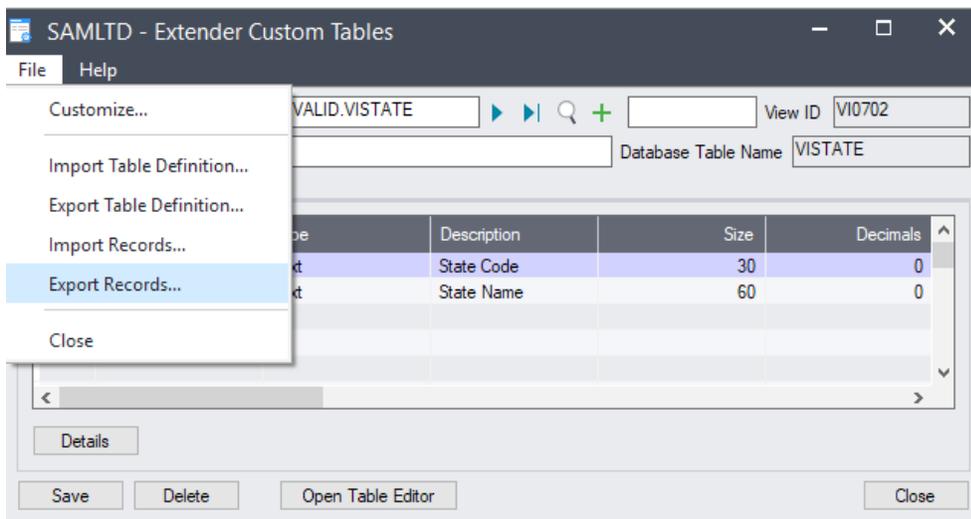
Launch the Custom Table Editor from the Extender Setup menu

Select “ORCHID.STATEVALID.VISTATE” from the drop down table list, and click “Load”



Add a new record for all the required states.

To Import\Export records into the VISTATE table, use the Extender Custom Tables Screen, Select ORCHID.STATEVALID.VISTATE for the table name and Select File\Import Records or File\Export Records

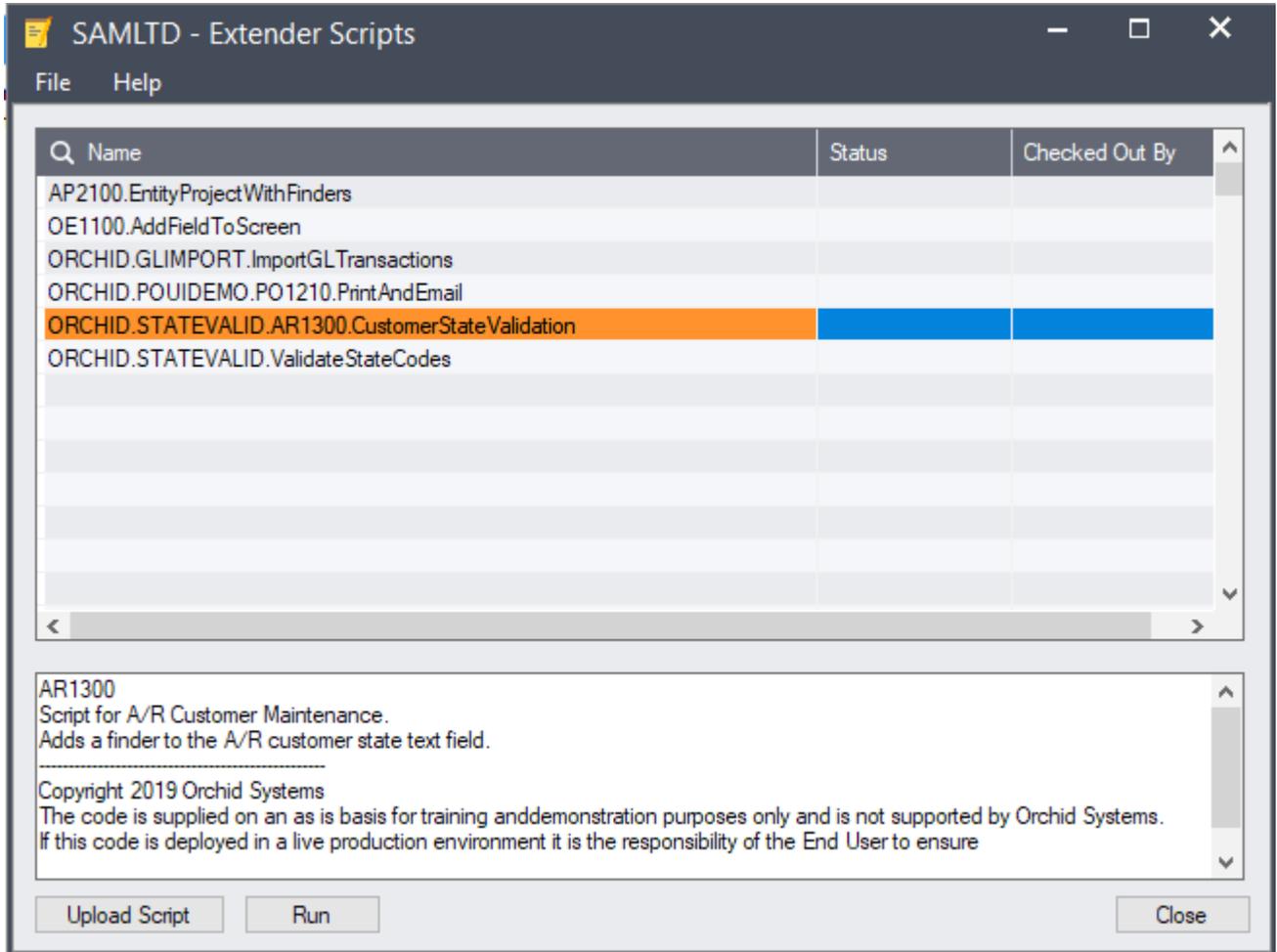


## Extender Scripts

2 Extender scripts are automatically created as part of importing the module script:

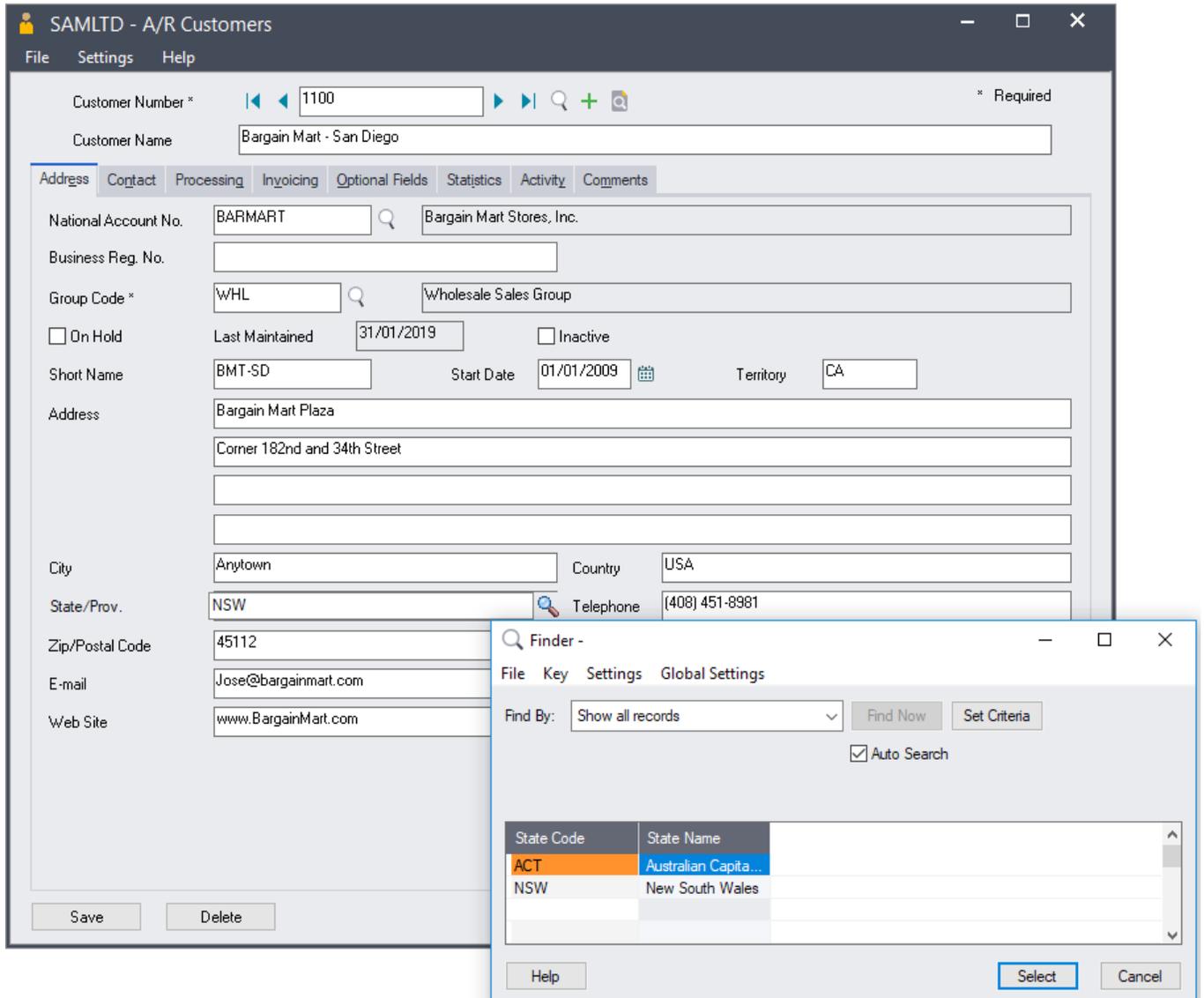
- ORCHID.STATEVALID.AR1300.CustomerStateValidation – applied to the AR1300 Customers screen.
- ORCHID.STATEVALID.ValidateStateCodes – and attached to AR0024 in View Events and Scripts

Extender Scripts



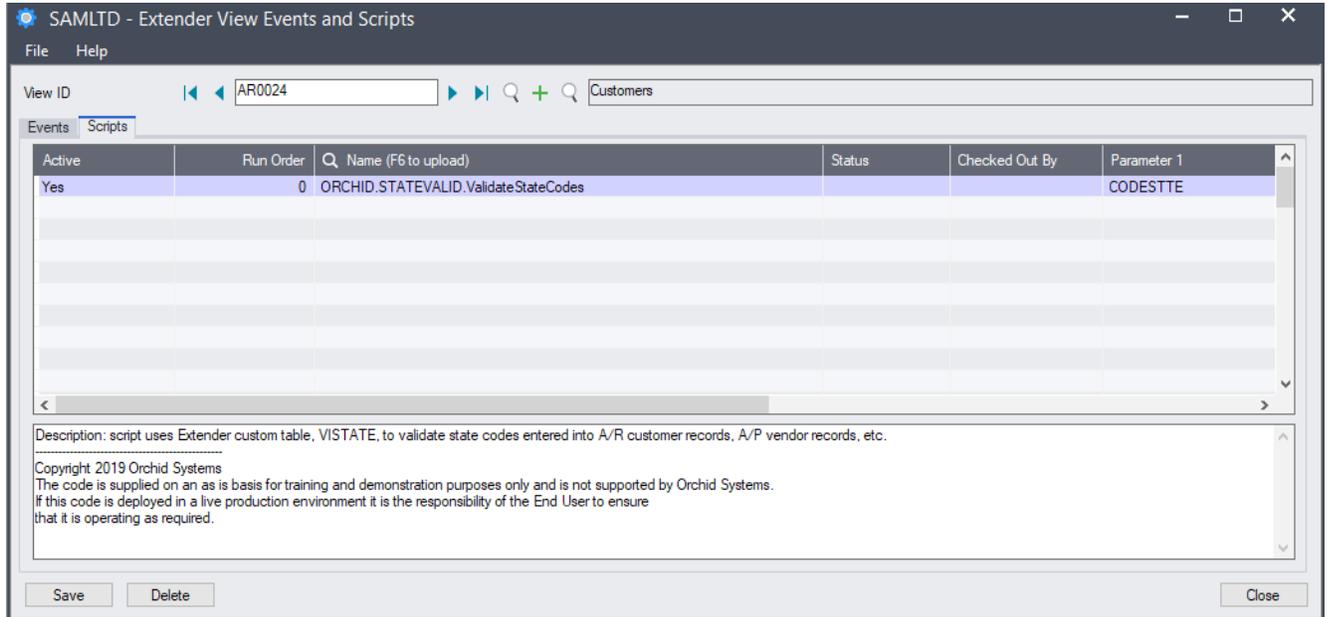
# How the ORCHID.STATEVALID.AR1300.CustomerStateValidation works.

This Script adds a finder to the VISTATE Table



## How the ORCHID.STATEVALID.ValidateStateCodes works.

When the ORCHID.STATEVALID.ValidateStateCodes is attached to the required views (AR0024 – Customers in our module), the state field name (where the validation is applied) is configured in Parameter 1.



When an invalid state code is entered, you will receive the appropriate message

The screenshot shows a software window titled "SAMLTD - A/R Customers" with a menu bar (File, Settings, Help) and a toolbar. The main form displays customer information for "Bargain Mart - San Diego" with Customer Number "1100". The "Address" tab is active, showing fields for National Account No. (BARMART), Business Reg. No., Group Code\* (WHL), Last Maintained (31/01/2019), Short Name (BMT-SD), Address (Bargain Mart Plaza, Corner 182nd and 34th Street), City (Anytown), State/Prov. (abc), Zip/Postal Code (45112), Country (USA), Telephone ((408) 451-8981), Fax ((408) 451-8711), E-mail (Jose@bargainmart.com), and Web Site (www.BargainMart.com). A modal "Message" dialog box is overlaid on the form, displaying the text "State [abc] is not a valid state." and an "OK" button. The "State/Prov." field contains the invalid code "abc".