PC Electronic Data Reporting Option (PEDRO) System
User's Guide

Version 6.1

Energy Information Administration
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PC Electronic Data Reporting Option (PEDRO) System User's Guide

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I. Introduction to PEDRO

Overview

Thank you for selecting the Energy Information Administration (EIA) PC Electronic Data Reporting Option (PEDRO). We hope that this option will significantly reduce your reporting burden and facilitate your submission of data to EIA.

The PEDRO User's Guide has been developed as an informational tool for a manager to become acquainted with the system or as a reference tool for the PEDRO user.

The User's Guide introduces you to Version 6.1 of PEDRO, and some of its basic functions and features. It includes hardware and software requirements, a detailed set of instructions for installing and running PEDRO on your PC, procedures for setting up dial-up networking to transmit data to EIA, and instructions for removing PEDRO from your PC. The appendix provides survey-specific information including import file formats, cell labels, product codes, sample import files, and edit checks.

PEDRO is available at no cost to the user. Formal training is not required since installation, data importation, data processing, and transmission are done by interactive, user-friendly menu options.

The PEDRO System

The PC Electronic Data Reporting Option, or PEDRO, system enables users to enter Energy Information Administration (EIA) survey form data on a personal computer (PC) using interactive data entry screens and validate the accuracy of the data through an electronic data editing process. A communication program included as part of the system transfers the data to EIA and verifies the accuracy of the transmission. PEDRO currently supports data collection for the following EIA surveys:

- EIA-14 Refiners' Monthly Cost Report
- EIA-182 Domestic Crude Oil First Purchase Report
- EIA-782A Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report
- EIA-782B Resellers'/Retailers' Monthly Petroleum Product Sales Report
- EIA-782C Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption
- EIA-800 Weekly Refinery Report
- EIA-801 Weekly Bulk Terminal Report
- EIA-802 Weekly Product Pipeline Report
- EIA-803 Weekly Crude Oil Stocks Report
- EIA-804 Weekly Imports Report
- EIA-805 Weekly Terminal Blenders Report
- EIA-810 Monthly Refinery Report
- EIA-811 Monthly Bulk Terminal Report

- EIA-812 Monthly Product Pipeline Report
- EIA-813 Monthly Crude Oil Report
- EIA-814 Monthly Imports Report
- EIA-815 Monthly Terminal Blenders Report
- EIA-816 Monthly Natural Gas Liquids Report
- EIA-817 Monthly Tanker and Barge Movement Report
- EIA-819 Oxygenate Telephone Report

This Graphical User Interface (GUI) version of PEDRO has been developed by EIA's Office of Oil and Gas (OOG). This system will feed respondent-level data from the weekly Forms EIA-800 through EIA-805, and the monthly Forms EIA-14, EIA-182, EIA-782A, EIA-782B, EIA-782C, EIA-810 through EIA-817 and EIA-819.

For specific information on PEDRO procedures, commands and system functions which are common to all EIA surveys, see section five, "Running the PEDRO System." For information on the particular survey with which you are currently working, refer to the section describing that specific survey. Survey-specific sections begin following the "Running the PEDRO System" section of this manual.

Should you have any questions or concerns, please contact the Electronic Data Support Staff on (202) 586-9659. American Petroleum Institute contact is Mike Robey at (202) 682-8365.

II. Hardware / Software Requirements

Check to make sure you have the necessary hardware and software before you begin installing PEDRO. The following is a list of required items.

- IBM-compatible 486 or higher personal computer (PC) operating at 33MHz or faster
- 16 Mb of extended memory or higher (32 Mb recommended)
- Windows 95 or higher (NT, 2000, or XP)
- CD-ROM drive and the CD containing the PEDRO 6.1 system software
- Approximately 20 Mb of free disk space for the PEDRO system files, plus up to 10 Mb for each survey
- Internet connection or modem - 2400 Baud or higher is recommended

III. How to Set Up the PEDRO Software

Installing PEDRO

IMPORTANT NOTE: If you have a previous version of PEDRO (6.0, for instance) on your PC, you can perform an upgrade when installing the new PEDRO, version 6.1 This will save any data you may wish to retain from the previous version.

If you have PEDRO 6.0 or earlier installed on a PC and you wish to install PEDRO 6.1 to a different PC, while still retaining the PEDRO data from the old PC, you must copy all files from the old PC's PEDRO/DATA directory to the new PC **prior to installation of PEDRO 6.1.** Be sure to create a directory on your C:\ drive named PEDROWIN/DATA in which to copy the six .DB files, so the new version will find them during installation. Be sure to select **"Upgrade"**during installation, in order to retain this copied data. Selecting **"Upgrade"** will also retain your previous PEDRO Communications settings as well.

To install the new 6.1 version of PEDRO:

1) Insert the EIA-provided **PEDRO** CD. If the "InstallShield Wizard" box appears, skip to step 4; if it does not, go to step 2.

2) Click the Windows **Start** button; then click **Run**. In the Windows RUN command line, type:

   D:\setup

   [Where **D** is the drive letter for your CD ROM; yours may differ (i.e., **E** or **F**)]

3) Click the **OK** button.

4) The "InstallShield Wizard" box is displayed. Click the **Next** button to proceed.

5) On the "Customer Information" screen, type your name in the "User Name" field and your company's name in the "Company Name" field, then click the **Next** button.

6) On the "Setup Type" screen, you now have the option to download the entire system or, if you prefer, you can choose to load only spreadsheet and/or PDF versions of all of the forms included within PEDRO. Instructions for each survey can also be loaded. Choose "New Installation" if you wish to enter your data electronically using PEDRO and if you DO NOT have an older version of PEDRO on your PC -- **select "Upgrade Installation" if you DO have an older version of PEDRO and wish to retain any data you've entered using the older version.**

Upgrade/New Installation Notes:

- If you currently have an older version of PEDRO, but DO NOT wish to retain your old data, select "New Installation."
- If you select either New or Upgrade, **all** of the spreadsheets, PDFs, and Instructions will be downloaded to the C:\pedro folder on your PC.
- If you do NOT wish to enter your data electronically and simply want electronic versions of each form to complete without using PEDRO, select the "Survey Form in PDF Format" and/or "Survey Form in Spreadsheet Format" from this "Setup Type" screen.
- If you currently have PEDRO 6.0 and wish to retain your data, select "Upgrade Installation."

  Click the **Next** button after selecting the desired type of installation.

7) The "Choose Destination Location" box is displayed. By default, PEDRO will be installed to the **C:\PEDRO** directory. However, if you wish to install it elsewhere, click the **Browse** button and select the desired drive/folder in which you'd like to install PEDRO. Click **OK**. Click the **Next** button on the "Choose Destination Location" box.

8) The "Start Copying Files" screen is displayed. Click the **Next** button to begin the installation.

9) A progress bar is displayed, indicating the status of the installation. When finished, click the **Finish** button.

10) To run PEDRO, click the Windows **Start** button. Then click **Programs**, and select **EIA Applications** from the list of programs. On the fly-out "EIA Applications" menu, select **PEDRO 6.1**. PEDRO will open on your PC.

NOTE: If you selected "Upgrade Installation" during the installation process, an "Updating System" box is displayed. This will update the PEDRO files on your PC. Depending on the speed of your PC, this process could take up to five minutes. Be sure to let the process run to its completion**, otherwise you could corrupt the new system and/or lose your previous data!**

Uninstalling PEDRO

IMPORTANT NOTE: Performing an uninstall of PEDRO will delete all data files you may have entered! If you are uninstalling PEDRO on an old PC and planning to install the new version of PEDRO on a new PC, remember to copy the data files from the old PC to the new PC prior to performing any uninstall! See the "Important Note" in the previous section ("Installing PEDRO") for details on copying data files from one PC to another.

If, for whatever reason, you wish to remove the older version of PEDRO from your hard drive (rather than perform an upgrade) before installing PEDRO 6.1, follow these steps:

Click the Windows **Start** button, then click **Settings** From the **Settings** menu, click **Control Panel** In **Control Panel,** click **Add/Remove Programs.** The **Add/Remove Programs Properties** box is displayed. A list of all programs installed on your PC is shown in the bottom half of this box; select "PEDRO - PC Electronic Data Reporting Option" (or similar wording of any PEDRO software), then click the **Add/Remove** button at the bottom of the box. Follow the prompts to uninstall PEDRO, then proceed to install the new version of PEDRO.

Dial-Up Networking

If you are using a modem (and are not directly connected to the EIA LAN), you must configure the correct dial-up settings for PEDRO on your PC to connect to the PEDRO database. To do so:

1) Double-click on the **My Computer** icon on your Windows Desktop. [If you are using Windows XP, select "Network Connections" and skip to step 3.]

2) Double-click the "Dial-Up Networking" folder located in the My Computer box.

3) On the menu bar, click "Connections"; from the drop-down menu that is displayed, double click on "Make a New connection"; or, double-click "Make New Connection" in the display window.

4) A connection setup form will be created based on your current "Make a New Connection" document located in the same folder. Review the settings make the necessary changes.

5) Change the name of the connection to 'EIA PEDRO'. You may change the modem to be used if it is different than the modem listed.

6) Click on the Configure button to access the Modem Properties window. At this point you should be in the General tab.

7) Choose the Connection tab. Within this tab, select the box Cancel the call if not connected within, and type "60" in the secs box.

8) Click on the OK button.

9) Change or add your current area code and any numbers needed for outside calling access.

10) Enter the Telephone Number for EIA, which is 1-800-707-4581.

11) Check the country code for the correct long distance code for the service to which you will be connecting.

12) Select the NEXT button.

13) You are now prompted to confirm the name of your new connection.

14) Select Finish. [In Windows XP, you need not follow the remaining steps.]

Note: In the Dial-Up Networking folder you should now see the document you created in the above process.

15) In the Dial-Up Networking Folder, left-click on EIA PEDRO.

16) Right click to display the pull-down menu, and left-click on properties.

17) Click on the Server Types tab.

Type of Dial-Up Server: PPP, Windows 95, Windows NT 3.5, Internet

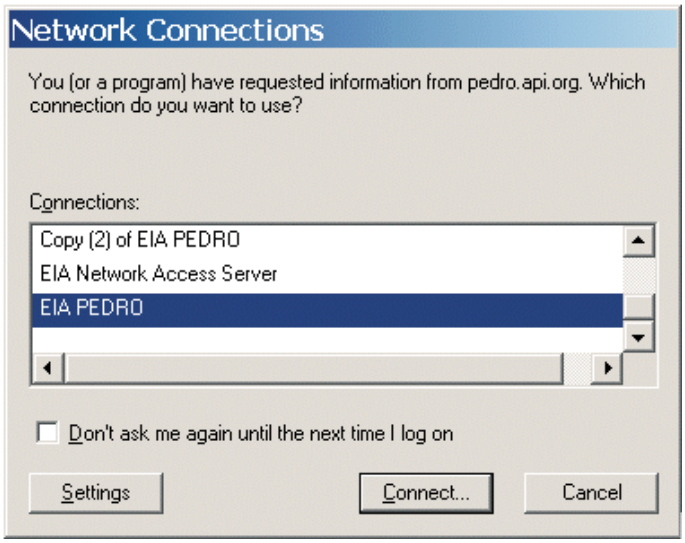
Advanced Options: Check Enable software compression. Uncheck all other boxes.

Allowed Network Protocols: Check TCP / IP. Uncheck all other boxes.

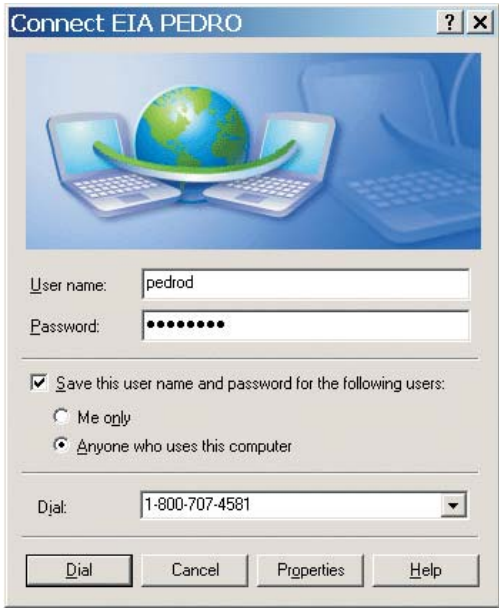
You have now successfully installed Dial-Up Networking, and should be able to proceed with PEDRO communications.

API Transmission

If you are attempting to transmit an API filing from PEDRO Communications for the first time, you may receive the following error message:



When this box appears, select "EIA PEDRO" as the Connection, check the "Don't ask me again..." box, then click Connect. The screen displayed below will appear.



Type in "pedrod" as the User Name, and **727*Tybn** as the Password. Check the "Save this user name and password for the following users" box, then check the "Anyone who uses this computer" radio button below it, and click **Dial** at the bottom of the box. The transmission should now go through, and you will not see these messages when subsequently attempting to transmit API filings.

IV. Overview of the PEDRO Reporting Process

This section provides a brief overview of the complete PEDRO reporting process. For a more detailed description of these procedures, see section five, "Running the PEDRO System."

1) First, install the PEDRO 6.1 system, as described in the previous section.

2) To run the PEDRO system, click the **Start** button on your Windows desktop. Then click **Programs,** and select **EIA Applications** from the list of programs. On the fly-out "EIA Applications" menu, select **PEDRO 6.1**. PEDRO will open on your PC.

3) From the PEDRO Introduction Screen, select the survey for which you wish to enter data from the list of surveys displayed on the left side of the screen. Click the **Continue** button.

4) The selected survey is displayed. By default, the "Open Respondent" box is displayed. Select the respondent and period you wish to edit, then click the **Open** button. If you wish to add a new respondent or period, click the **Add Respondent** and/or **Add Period** buttons on the "Open Respondent" box. Type in new Respondent Name and ID(s) numbers, or the new period you wish to add, and click the **Add** button.

5) After selecting the desired respondent and period, the main data entry screen for the selected survey is displayed. It uses the "tabbed notebook" format -- click the tabs along the top of the screen to select which data you wish to view and/or edit. The tabs display the following options on each survey:

   Identification tab Enter the respondent's name and address information in the appropriate fields.

   Select State tab This tab is displayed only on the EIA-782A, B & C surveys, on which you enter State Level data. The Select State tab allows you to enter numerous separate data entries for different States.

   Data entry tabs There will be one or more "data entry" tabs, depending on which survey is running. For example, the EIA-14 survey only has one data entry tab ("Crude Oil Costs and Volumes"); but the EIA-810 has three such tabs ("Refinery Inputs," "Sulfur Content...," and "Refinery Operations"). Click the appropriate tab and type in your data in the data entry fields.

   Errors and Warnings tab This tab's screen displays a list of error/warning messages, and allows you to rerun the system edit checks by clicking the **Refresh Edits** button. Note that you must run the Validate Data option **OR** click the **Refresh Edits** to view the list of errors/warnings. PEDRO does not run the edit checks simply by clicking the "Errors and Warnings" tab.

6) After you have entered all of the data, to the best of your knowledge, for the respondent you selected, it is recommended that you run the PEDRO edit checks prior to submitting any data. To do so, either click the Utility / Validate Data option from the upper menu bar, or click the Validate Data button (displayed as a check mark in the button toolbar). Either option runs the system edits, and a "Data Validation Error" box is displayed, in which you can run through potential errors discovered by the system.

   You can also run system edit checks by clicking the "Errors and Warnings" tab, and then click the **Refresh Edits** button at the bottom of the screen. If you use this option, the "Data Validation Error" box is not displayed; instead, a list of all possible errors is displayed on the "Errors and Warnings" tab screen, which you can then scroll through or print. Edit checks for each system are described in Appendix A, "Edit Checks."

7) After running system edits, and cleaning up any errors (or explaining them with a "Comment"), you then submit your data to EIA. This is done using the PEDRO Communications module. Click the Utility / Create a Transmission File option from the upper menu bar, or click the Create Transmission button (displayed as a lightning bolt on the button toolbar). Either option will display a box showing your Submission Parameters, which can be updated as necessary. Click the **Continue** button to proceed with the transaction file creation.

8) Click **Yes** to open the PEDRO Communications Module. Your name and phone number will be displayed in the "Logon" box. Make any necessary corrections.

9) Your newly-created transmission file should be identified in the list displayed under the "Files to Send" tab when PEDRO Communications opens. Highlight the file you wish to send to EIA (it should have ok in the "Status" field), then Click the File / Transmit option from the upper menu bar, or click the Transmit button (displayed as a lightning bolt on the button toolbar). Either option will send your selected data file off to EIA. **NOTE**: You must first be sure that you are connected to EIA, either by LAN, Internet, dial-up, etc. See the previous section, "Dial-Up Networking," for details on using a dial-up connection to EIA, or Part VII, "The PEDRO Communications Module," for details on setting up a LAN or Internet connection.

10) Follow these steps for each respondent in each survey for which you are responsible. For a detailed look at this process, including some features not mentioned in this overview, see the "Running the PEDRO System" (section five) of this document that follows.

V. Running the PEDRO System

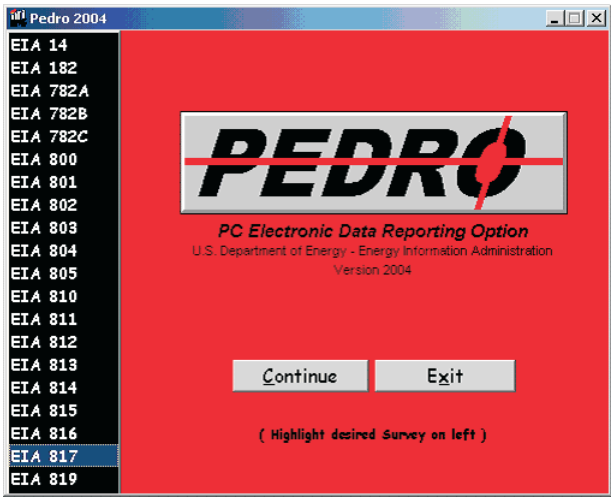
In this version of PEDRO, all Surveys run more similarly than in prior versions of PEDRO. This section provides specific information on PEDRO procedures, commands and system functions which are common to each of the surveys. For information on the particular survey with which you are currently working, refer to the section describing that specific survey. Survey-specific sections begin following this "Running the PEDRO System" section of this manual.

The surveys are as follows:

- EIA-14 Refiners' Monthly Cost Report
- EIA-182 Domestic Crude Oil First Purchase Report
- EIA-782A Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report
- EIA-782B Resellers'/Retailers' Monthly Petroleum Product Sales Report
- EIA-782C Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption
- EIA-800 Weekly Refinery Report
- EIA-801 Weekly Bulk Terminal Report
- EIA-802 Weekly Product Pipeline Report
- EIA-803 Weekly Crude Oil Stocks Report
- EIA-804 Weekly Imports Report
- EIA-805 Weekly Terminal Blenders Report
- EIA-810 Monthly Refinery Report
- EIA-811 Monthly Bulk Terminal Report
- EIA-812 Monthly Product Pipeline Report
- EIA-813 Monthly Crude Oil Report
- EIA-814 Monthly Imports Report
- EIA-815 Monthly Terminal Blenders Report
- EIA-816 Monthly Natural Gas Liquids Report
- EIA-817 Monthly Tanker and Barge Movement Report
- EIA-819 Oxygenate Telephone Report

Opening a Survey

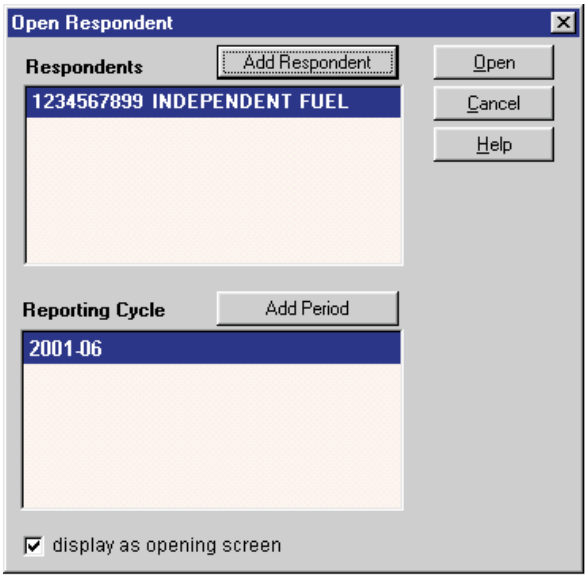
To open a desired survey in PEDRO, click the **PEDRO** icon on your Windows desktop. The following screen is displayed:



PEDRO Introduction Screen

Select the desired survey from the menu along the left side of the screen, then click the **Continue** button.

The "Open Respondent" box for the selected survey is displayed. The EIA-782B is shown below as an example:



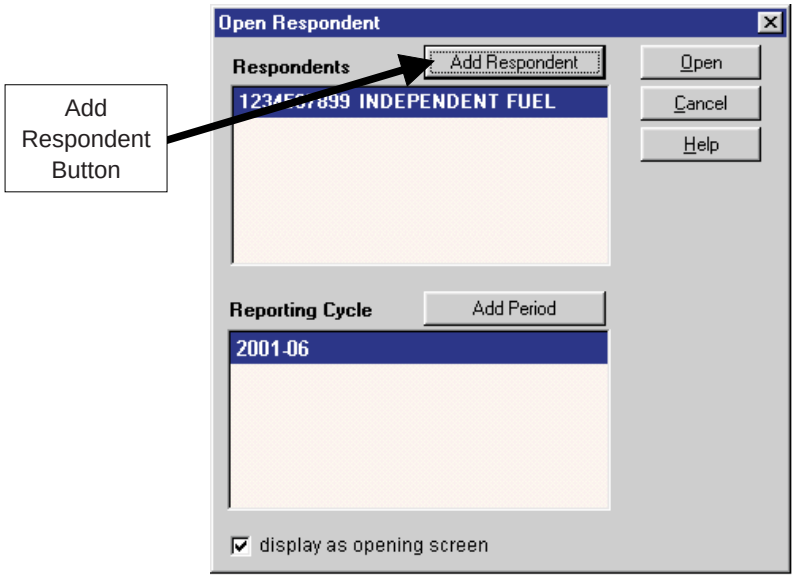
Open Respondent Box (sample from EIA-782B)

The user can select a respondent and a period for editing, or add a respondent and/or a period from this screen. If more than one respondent cycle is available, the most recent cycle will be highlighted as the default. You may skip this step if you wish to import survey data. For more information about file importation, see section six, "Import Data."

NOTE: If you do not wish to view this screen when you initially open the selected survey, un-click the check box at the bottom of the "Open Respondent" box ("display as opening screen").

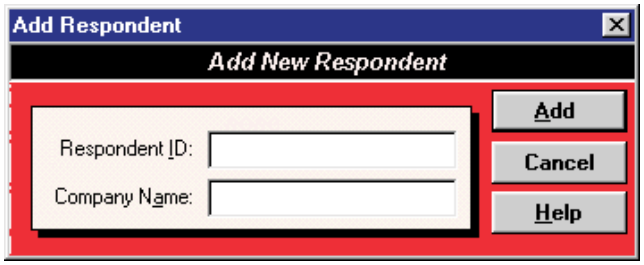
1) Add Respondent

If you wish to add a new respondent to the desired survey, click the **Add Respondent**button on the "Open Respondent" box, as shown below:



Add Respondent Button (sample from EIA-782B)

The following Add New Respondent screen is displayed:



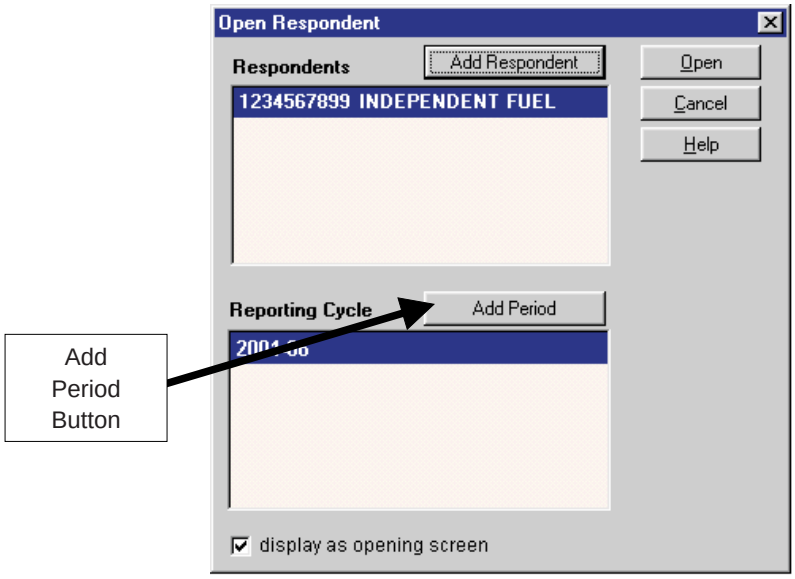
Add New Respondent box (sample from EIA-782B)

Type in the 10-digit ID number of the company you wish to add, then press the Tab key to move to the "Company Name" box and type in the new company's name. If you do not know your EIA respondent ID number, contact the Electronic Data Support Staff on (202) 586-9659. Click the **Add** button to add the new company to the survey database. The "Open Respondent" box is re-displayed, and the just-added company will appear in the list of respondents.

NOTE: On some surveys, one or two additional fields are displayed on the Add Respondent screen for entering "Plant Name" and "API ID Number." Enter these when applicable. If you do not know your API identification number, contact Mike Robey at (202) 682-8365.

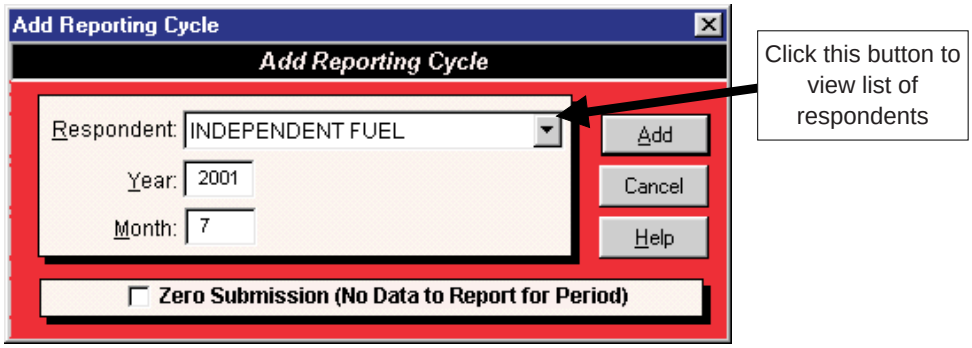
2) Add Period

If you wish to add a new period (a new month, for the EIA-14, EIA-182, and EIA-782 A, B, and C surveys), click the **Add Period** button on the "Open Respondent" box, as shown below:



Add Period Button (sample from EIA-782B)

The following Add Reporting Cycle screen is displayed:



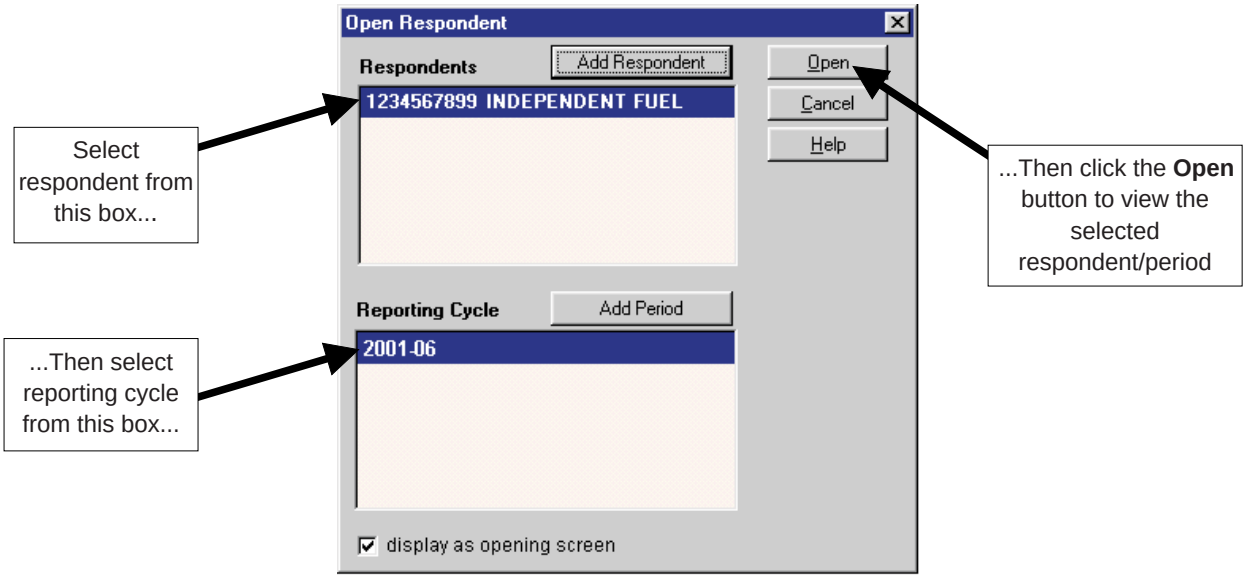
Add Reporting Cycle box (sample from EIA-782B)

Click arrow (as indicated above) to select the company's name (for which you wish to add the new period) from the drop-down list in the "Respondent" box. You may also select "All Respondents" (of the displayed survey) if you wish to add this new period for every company currently entered in PEDRO for this survey. Press the Tab key to move to the "Year" box, and type in the year, then the month, of the new reporting cycle. Click the "Zero Submission" check box at the bottom of the box only if there will be no data entered for this new period. Then click the **Add** button to add the new period to the survey database. The "Open Respondent" box is re-displayed, and the just-added period will appear beneath the list of respondents.

NOTE: The Weekly surveys (EIA-800 through EIA-805) include a box for "Day." Enter the end date of the Reporting Cycle to be added (this date should always be a Friday).

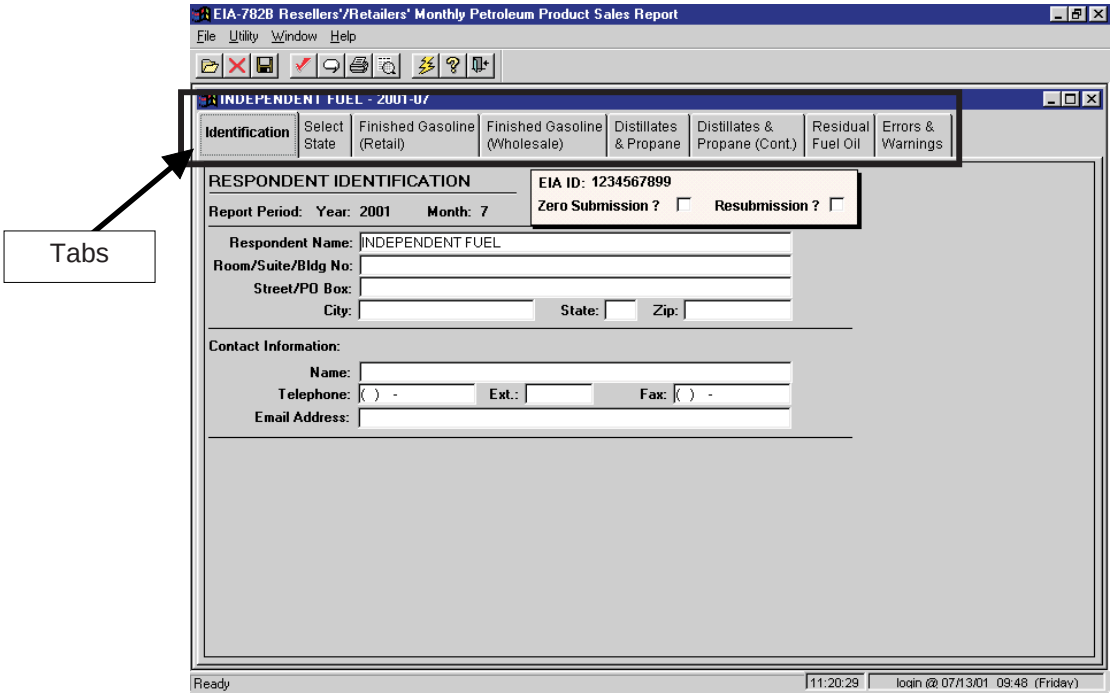
3) Select a Respondent

After you have added the desired company and/or period as necessary, select the company you wish to edit or view from the "Open Respondent" box, as shown below:



Select Respondent/Period(sample from EIA-782B)

The following PEDRO Main screen is displayed:



PEDRO Main Screen(sample from EIA-782B)

Note that the tabs on this screen (shown above) will differ significantly in appearance from survey to survey. However, general functionality is the same except where noted. The following survey-specific sections display the Main Screen and provide additional details for each PEDRO survey system.

Survey-Specific Screens and Procedures

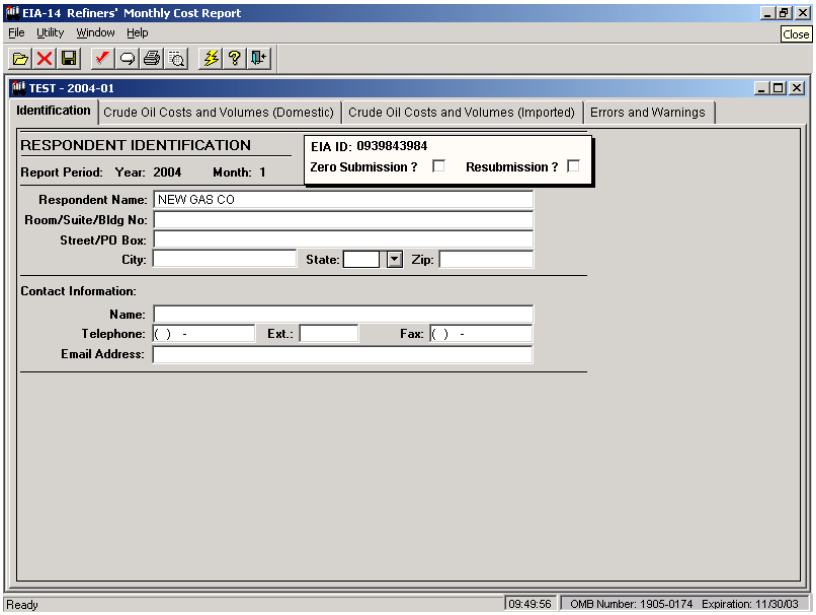
This section contains descriptions and procedures for entering data in each of the PEDRO survey systems, along with detailed screen captures for each individual survey. The data entry screens are set up using the "tabbed notebook" method; clicking a labeled tab along the top portion of the screen will display that data entry screen. The tabbed screens into which data are entered differ from survey to survey. However, the **first** and **last** tabs are the same for every survey:

The first tab is **Identification** Enter all available identification information for your company in the appropriate boxes. Click the "Zero Submission" or "Resubmission" boxes if applicable. Note that while the Identification tab screens are nearly identical for all surveys, there are exceptions: For example, the EIA-810 ID screen contains a field for entering "Refinery/Blending Plant Name" (which is not found in other surveys).

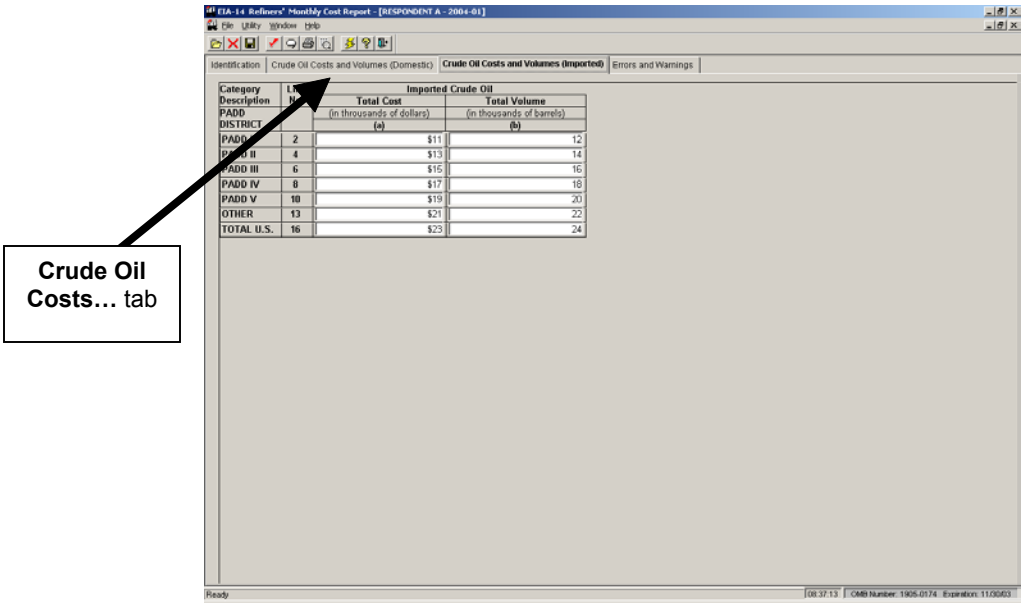
The final tab is **Errors and Warnings.** This screen's functionality is the same for each survey throughout PEDRO. This tab is used to run edit checks for the survey data you've entered. See the "Validate Data" section of this manual for detailed instructions for viewing errors and warnings.

The data entry tabs that appear between the **Identification** and **Errors and Warnings** tabs are described in the remainder of this section.

EIA-14 Data Entry Screens



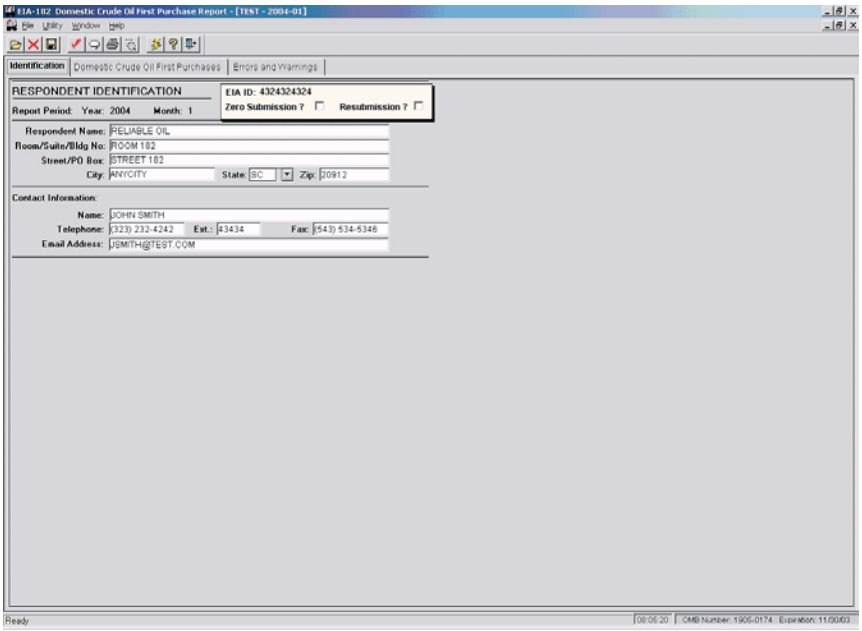
Identification Tab Screen: Enter all available identification information for your company in the appropriate boxes. Click the "Zero Submission" or "Resubmission" boxes if applicable.



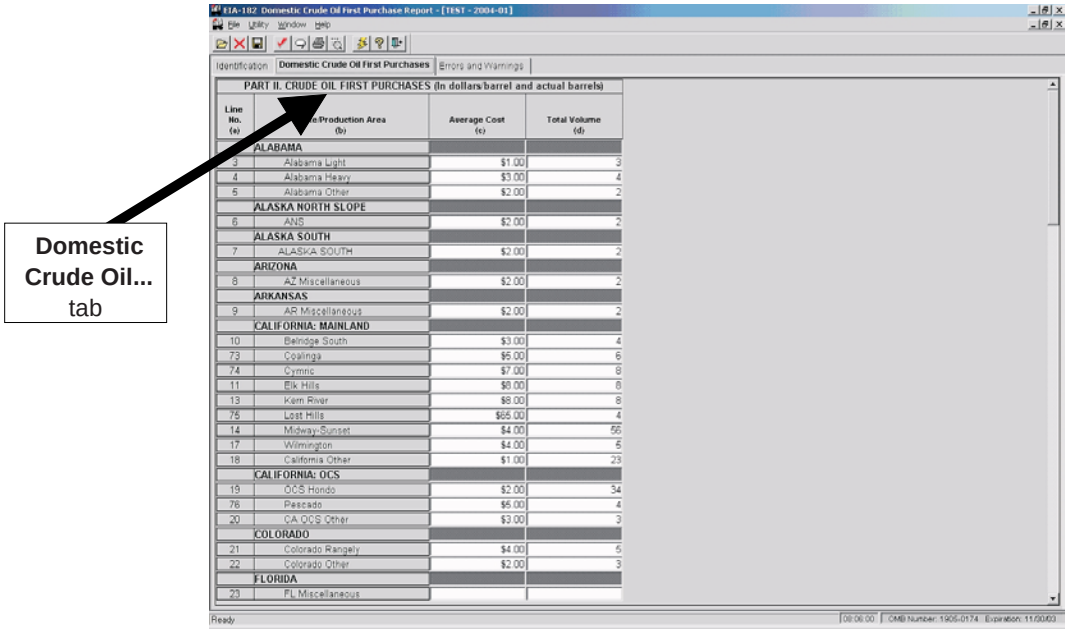
Crude Oil Costs and Volumes Tab Screen: This screen is for Domestic data only. Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. For example, entries in the "Total Cost" field must be less than $10,000. Also, entries in the Total Volume Field must be less than 1,000,000.

Crude Oil Costs and Volumes (Imported) Tab Screen: This screen is for Imported data only. Otherwise its appearance, functionality and data checks are the same as the tab screen displayed and described above.

EIA-182 Data Entry Screens

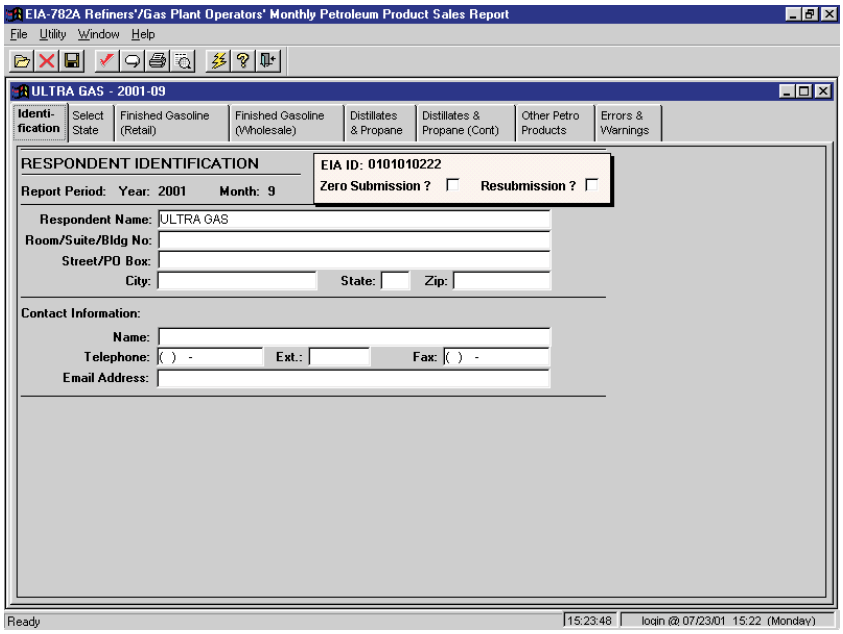


Identification Tab Screen Enter all available identification information for your company in the appropriate boxes. Click the "Zero Submission" or "Resubmission" boxes if applicable.

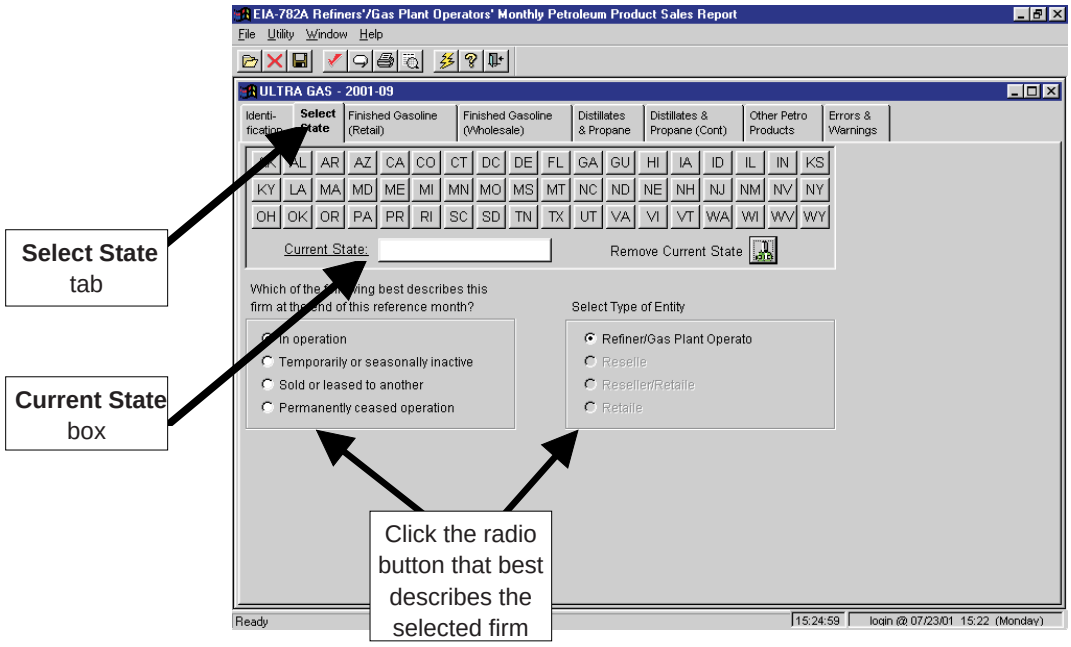


Domestic Crude Oil First Purchases Tab Screen Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data. For example, entries in the "Average Cost" field must be less than $100.00.

EIA-782A Data Entry Screens

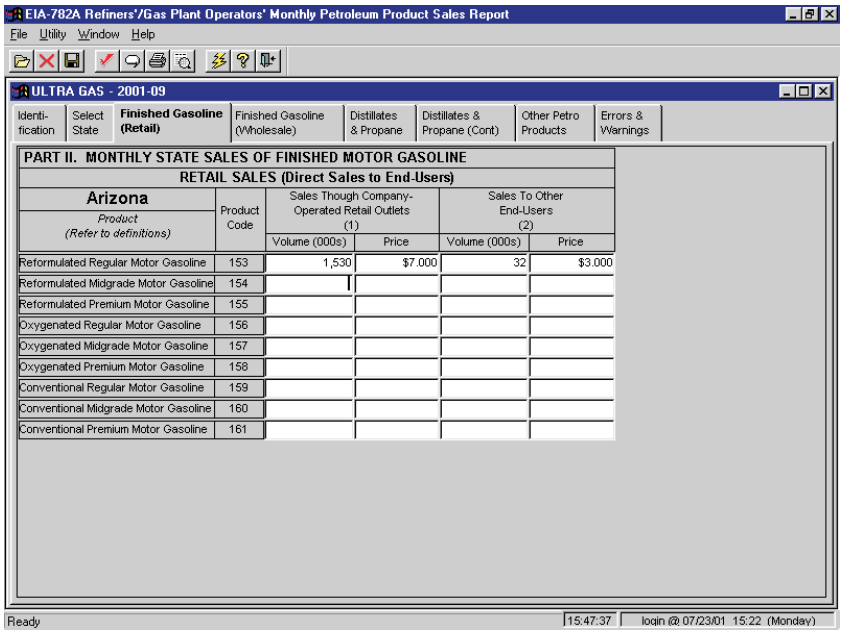


Identification Tab Screen Enter all available identification information for your company in the appropriate boxes. Click the "Zero Submission" or "Resubmission" boxes if applicable.



Select State Tab Screen In the 782A survey, you must first select the State for which you wish to enter data. Click on the button containing the desired State's abbreviation. If this is a new State for this company, a confirmation box is displayed; click **Yes** to add the new state. Once a State is added, its abbreviation on this screen appears underlined and bolded. Click on the desired State and its full name will appear in the "Current State" box, as shown above. Click the radio button in the lower portion of the screen next to the term that best describes the selected firm, as shown above.

To remove a State from this firm, click on its abbreviation (so that the State name appears in the Current State box), then click the **Remove Current State** button (to the right of the "Current State" box).



Finished Gasoline (Retail) Tab Screen Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data. For example, entries in the "Volume" fields must be less than 1,000,000. Also, data in the "Price" fields must be less than $10.00.

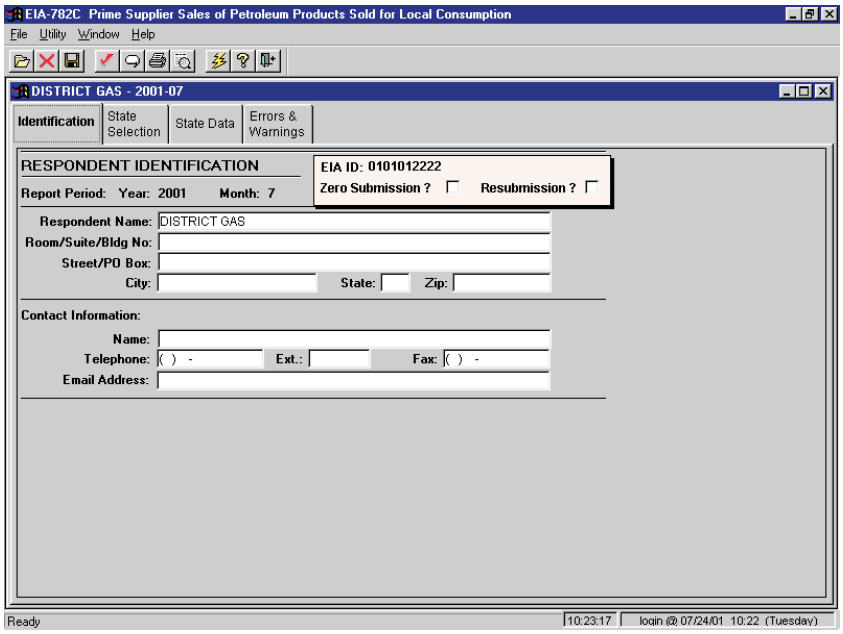
Each of the other data tabs -- **Finished Gasoline (Wholesale), Distillates and Propane Distillates and Propane (Cont)** and **Other Petro Products --**display similarly-formatted data with the same range restrictions. Click each of these tabs to view and/or edit the corresponding data**.**

EIA-782B Data Entry Screens

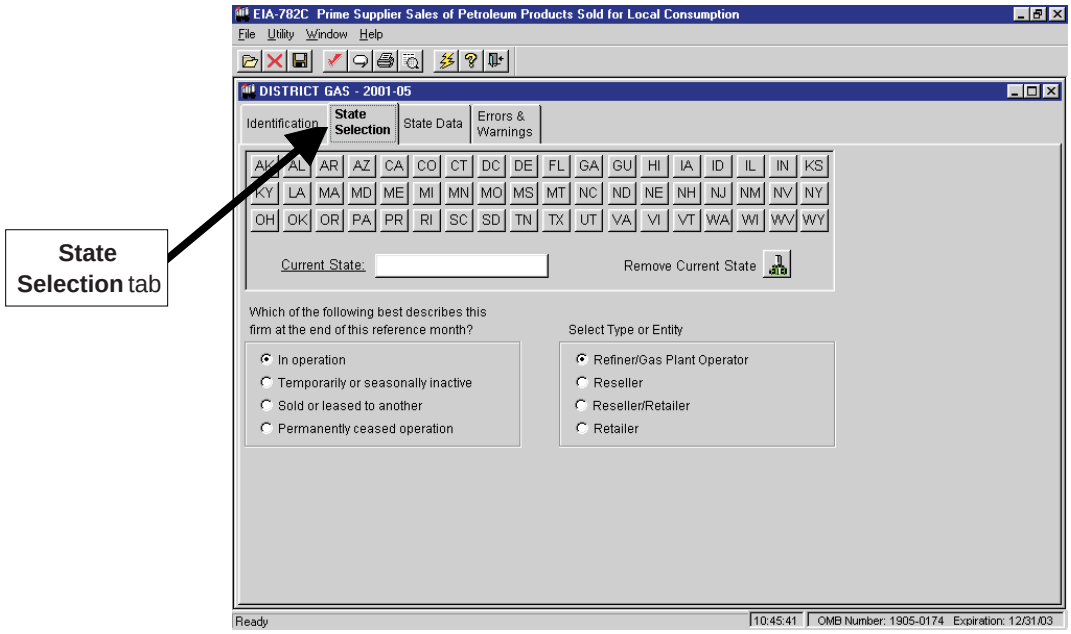
The EIA-782B data entry screen is the same as the 782A screen, with the following exception:

- Instead of **Other Petro Products** as the final data entry tab, the 782B lists **Residual Fuel Oil.**

EIA-782C Data Entry Screens

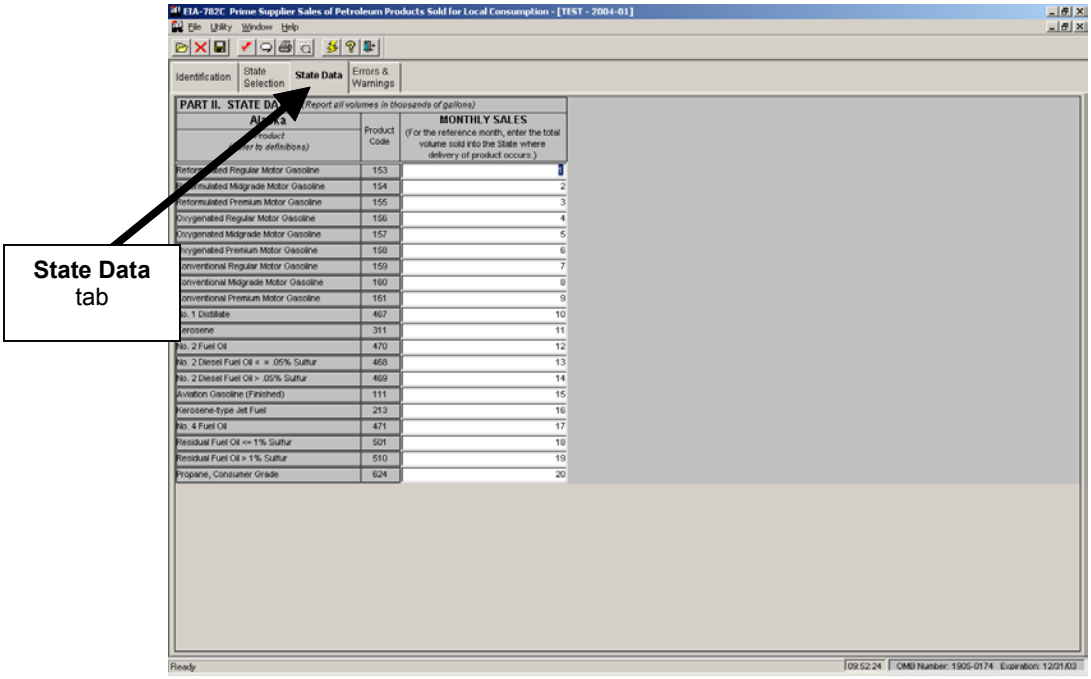


Identification Tab Screen Enter all available identification information for your company in the appropriate boxes. Click the "Zero Submission" or "Resubmission" boxes if applicable.



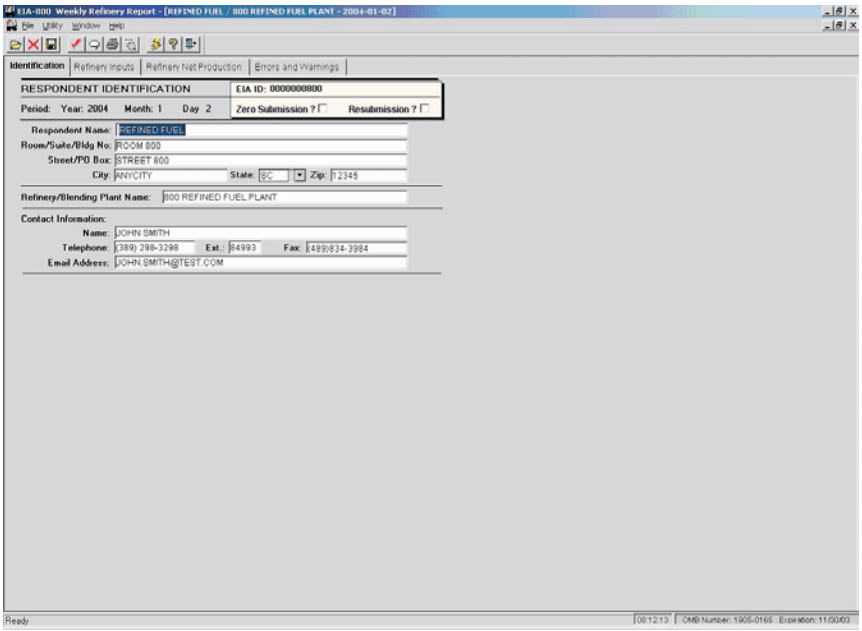
State Selection Tab Screen In the 782C survey, you must first select the State for which you wish to enter data. Click on the button containing the desired State's abbreviation. If this is a new State for this company, a confirmation box is displayed; click **Yes** to add the new State. Once a State is added, the abbreviation on this screen appears underlined and bolded. Click on the desired State and its full name will appear in the "Current State" box, as shown above. Click the radio button in the lower portion of the screen next to the term that best describes the selected firm, as shown in the "EIA-782A Data Entry Screens" section.

To remove a State from this firm, click on its abbreviation (so that the State name appears in the Current State box), then click the **Remove Current State** button (to the right of the "Current State" box).

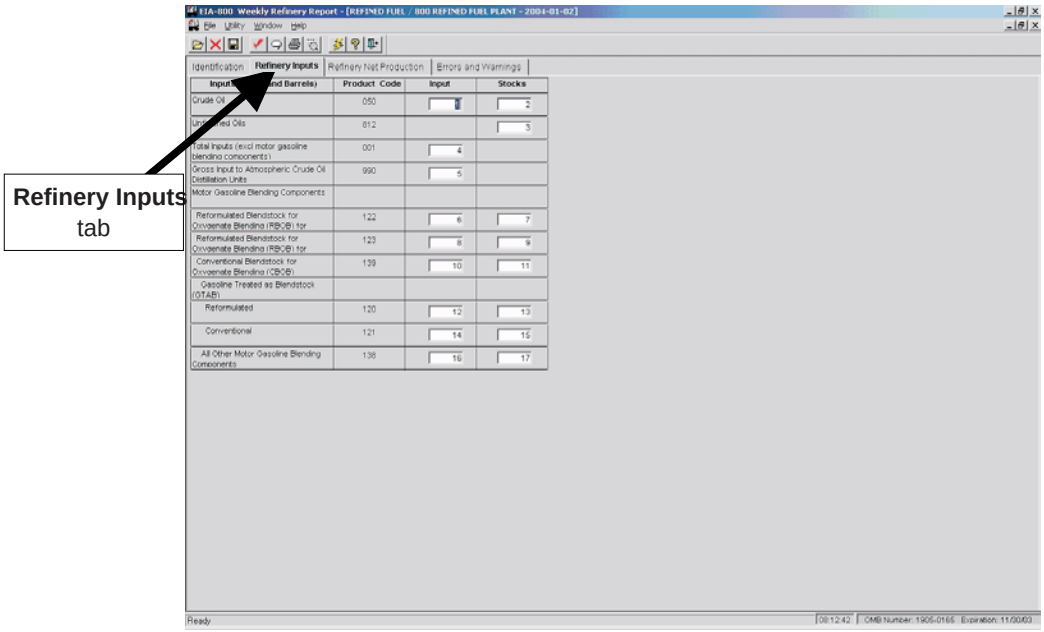


State Data Tab Screen: Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data. For example, entries in the "Monthly Sales" field must be less than 1,000,000.

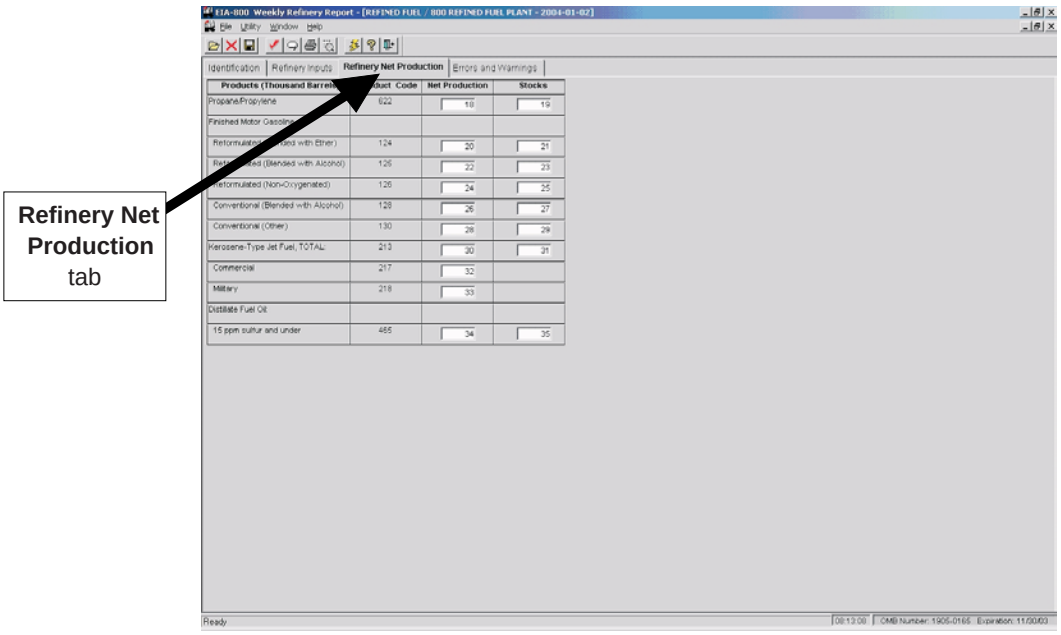
EIA-800 Data Entry Screens



Identification Tab Screen Enter all available identification information for your company in the appropriate boxes. Click the "Zero Submission" or "Resubmission" boxes if applicable.

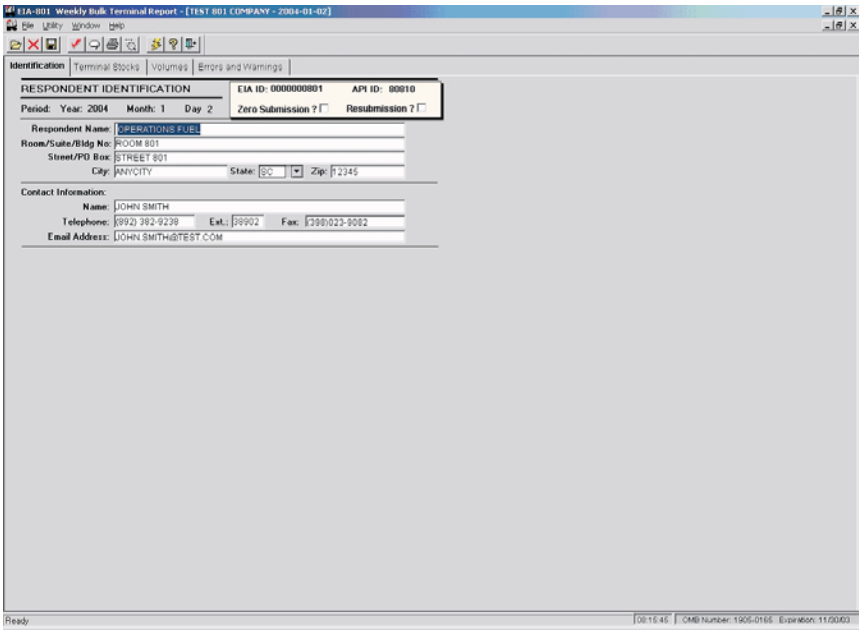


Refinery Inputs Tab Screen Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data. For example, entries in the "Input" or "Stocks" fields must be less than 100,000.

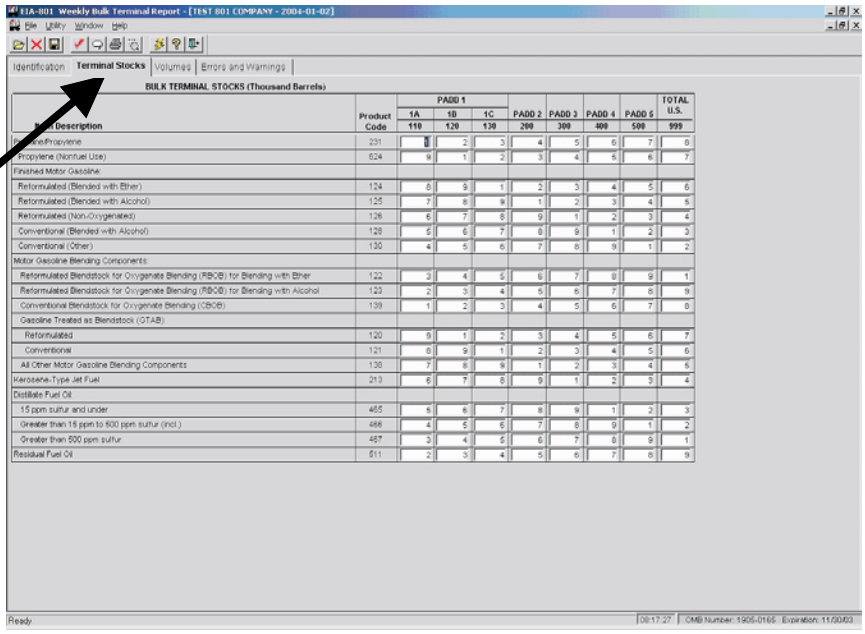


Refinery Net Production Tab Screen Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data. For example, entries in the "Net Production" or "Stocks" fields must be less than 100,000; negative numbers are permitted in the "Net Production" field (but not in the "Stocks" fields).

EIA-801 Data Entry Screens



Identification Tab Screen Enter all available identification information for your company in the appropriate boxes. Click the "Zero Submission" or "Resubmission" boxes if applicable.



Terminal Stocks tab

Terminal Stocks Tab Screen Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data. For example, entries in the "PADD" field must be less than 100,000.

Volumes Tab Screen This screen displays only one field of data, the volume of 15 ppm sulfur and under diesel fuel downgraded during the week. Enter the appropriate data, in thousands of barrels.

EIA-802 and EIA-803 Data Entry Screens

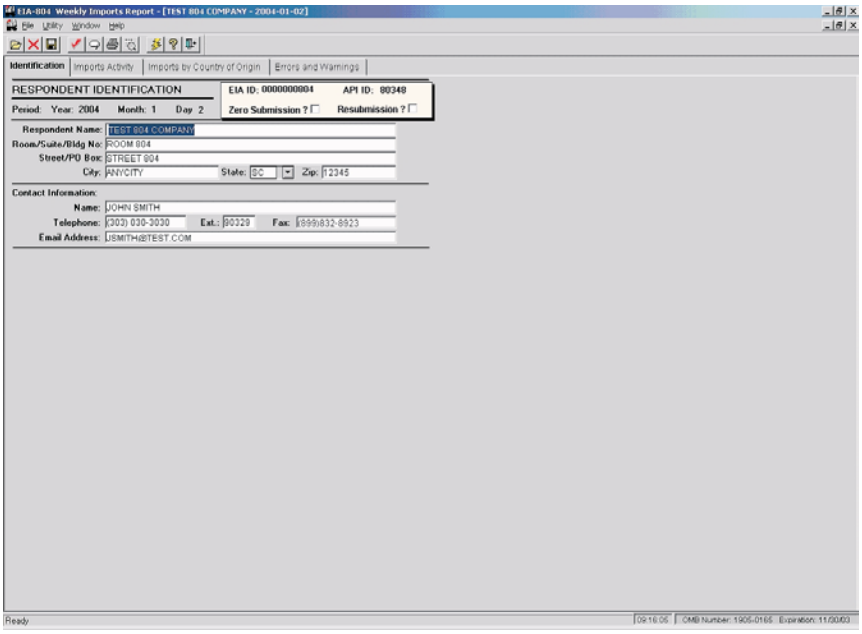
The EIA-802 and EIA-803 screens are very similar to the EIA-801 screens, with the following exceptions:

- the EIA-802 screen displays a tab for **Pipeline Stocks,** instead of **Terminal Stocks**

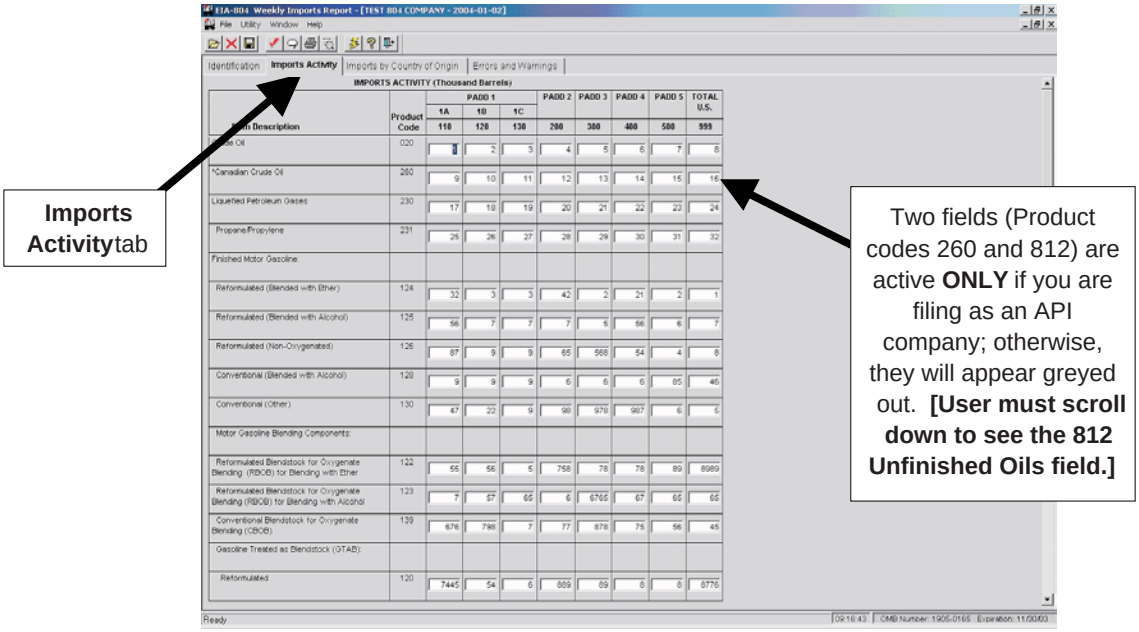
- the EIA-803 screen displays a tab for **Crude Oil Stocks,** instead of **Terminal Stocks**

The data validations work the same way (entered "PADD" data must be less than 100,000) for the EIA-801, EIA-802, and EIA-803.

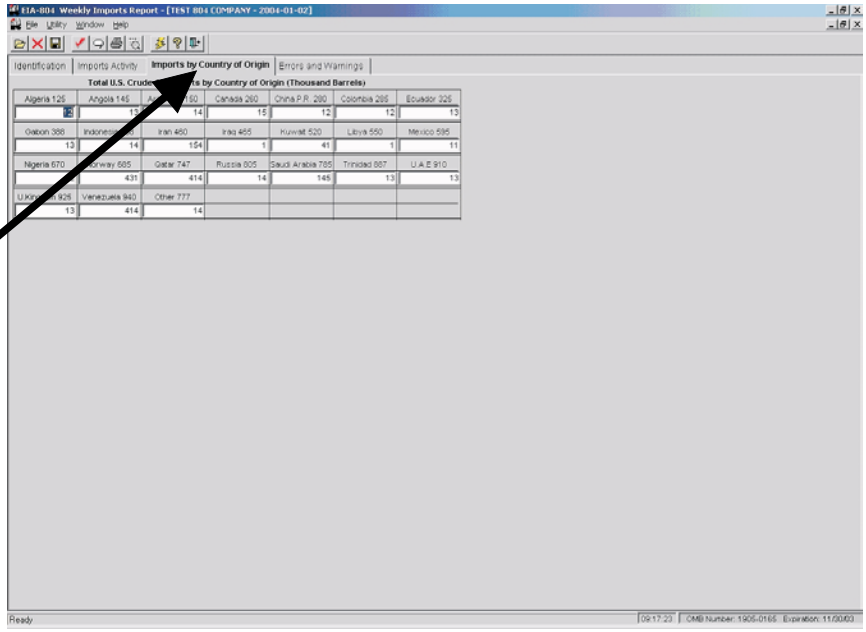
EIA-804 Data Entry Screens



Identification Tab Screen Enter all available identification information for your company in the appropriate boxes. Click the "Zero Submission" or "Resubmission" boxes if applicable.



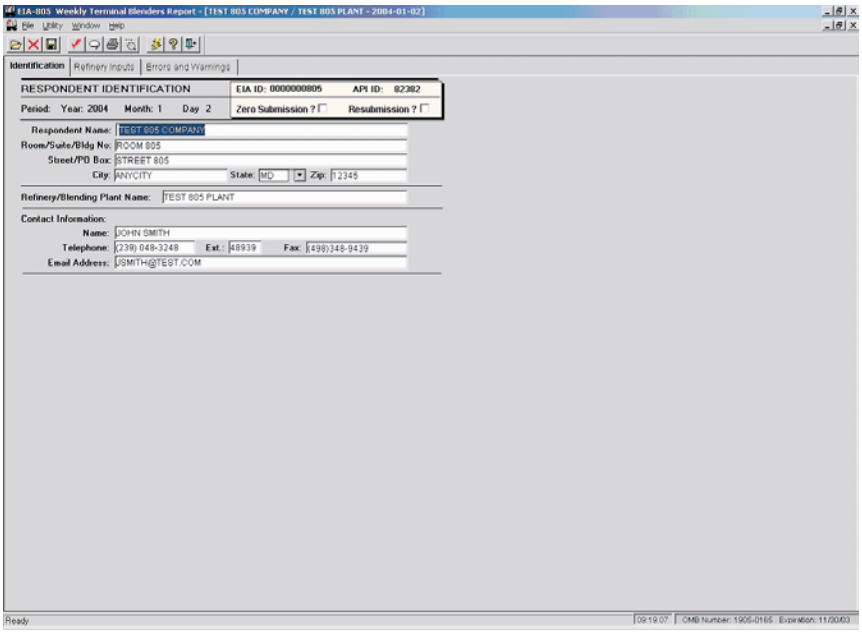
Imports Activity Tab Screen Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data. For example, entries in the "PADD" fields must be less than 100,000.



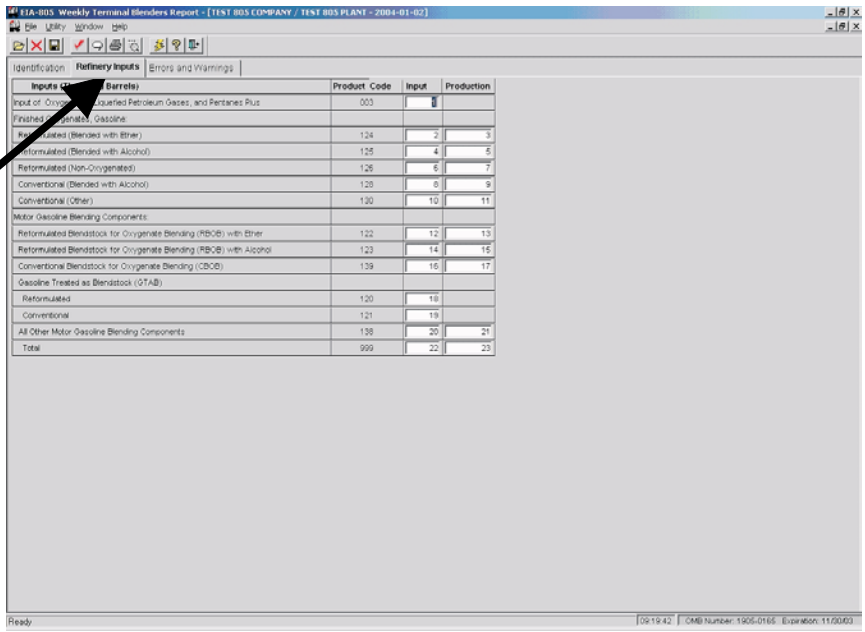
Imports By Country of Origin tab

Imports By Country of Origin Tab Screen Enter the appropriate data in the displayed fields. Entries in any of the Country fields must be less than 100,000.

EIA-805 Data Entry Screens



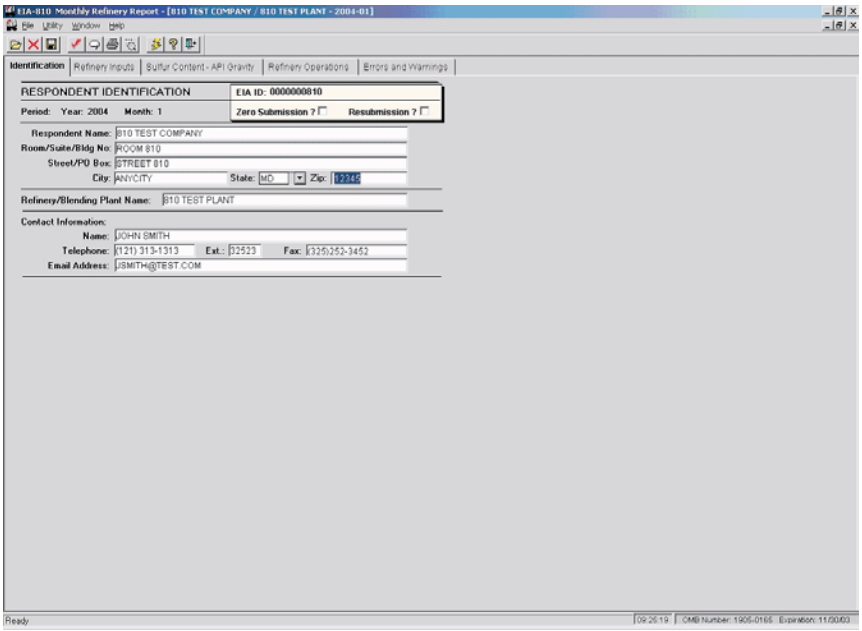
Identification Tab Screen Enter all available identification information for your company in the appropriate boxes. Click the "Zero Submission" or "Resubmission" boxes if applicable.



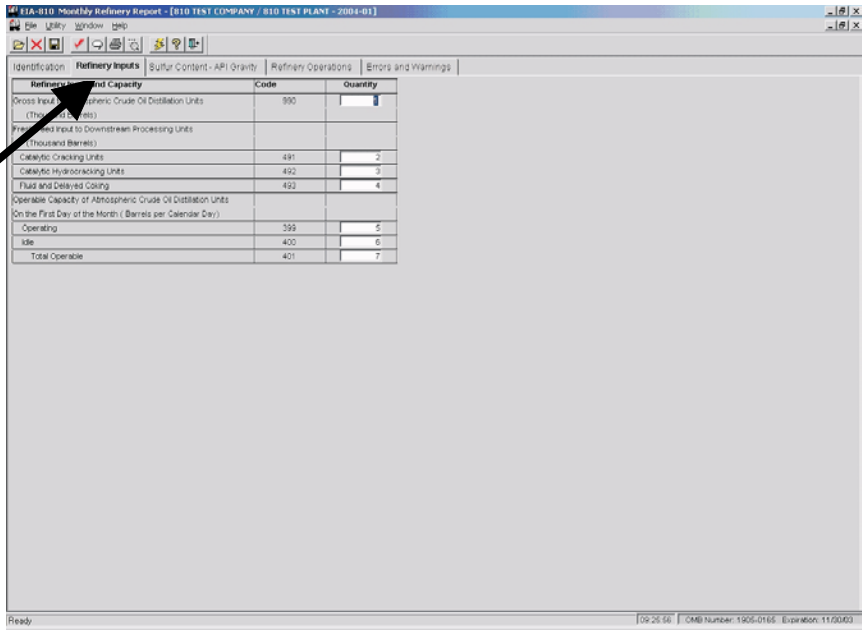
Refinery Inputs tab

Refinery Inputs Tab Screen: Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data.

EIA-810 Data Entry Screens

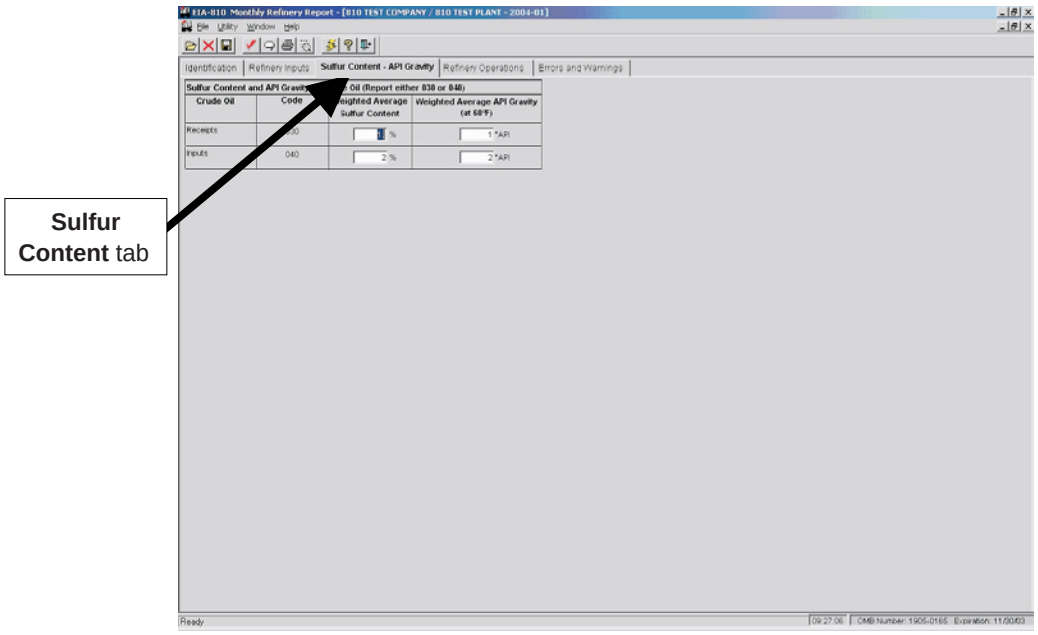


Identification Tab Screen Enter all available identification information for your company in the appropriate boxes. Click the "Zero Submission" or "Resubmission" boxes if applicable.

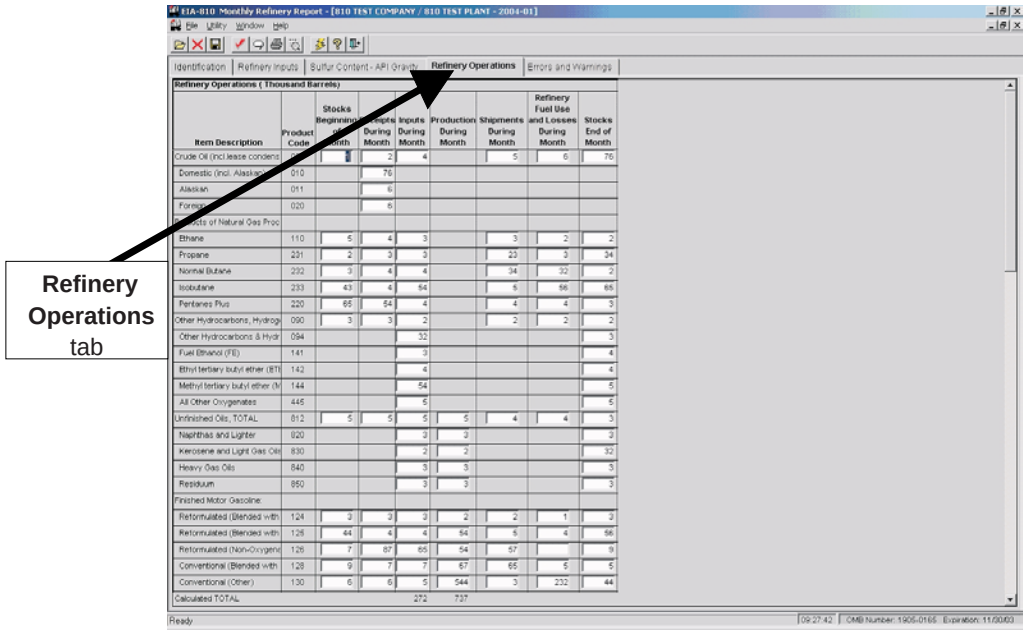


Refinery Inputs tab

Refinery Inputs Tab Screen Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data. For example, entries in the "Quantity" field must be less than 100,000.

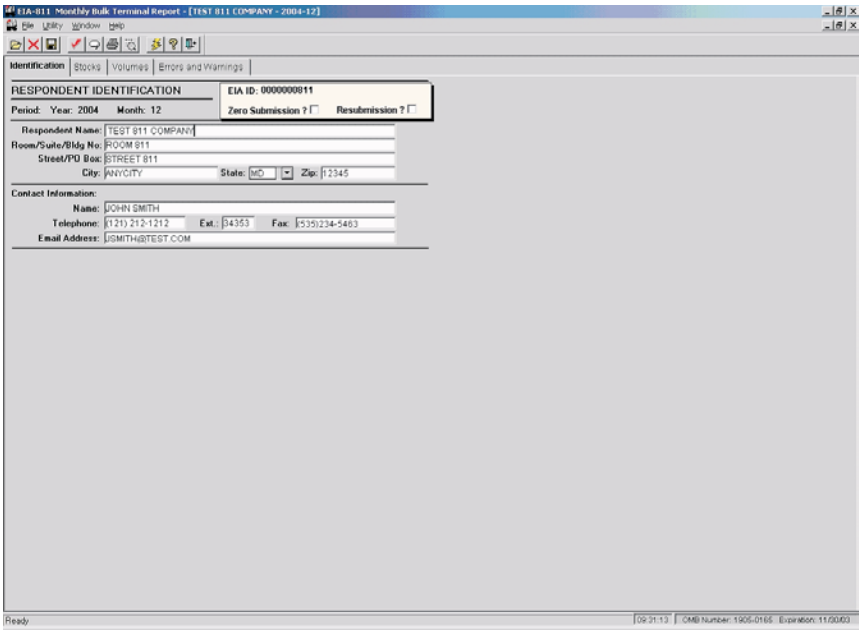


Sulfur Content Tab Screen As on the **Refinery Inputs** tab screen, enter the appropriate data in the displayed fields. Entries in the "Weighted Average Sulfur Content" fields must be less than 10 and contain no more than 2 decimal places; data entered in the "Weighted Average API Gravity" fields must be less than 100 and contain no more than 2 decimal places.

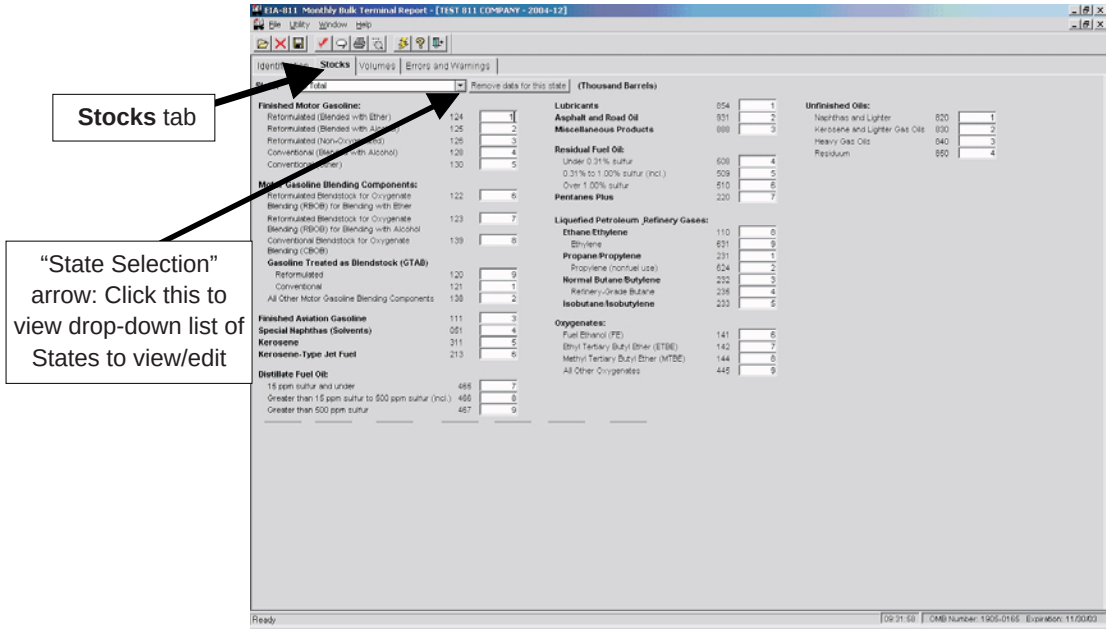


Refinery Operations Tab Screen Enter the appropriate data in the displayed fields. Entries in all fields must be less than 100,000.

EIA-811 Data Entry Screens

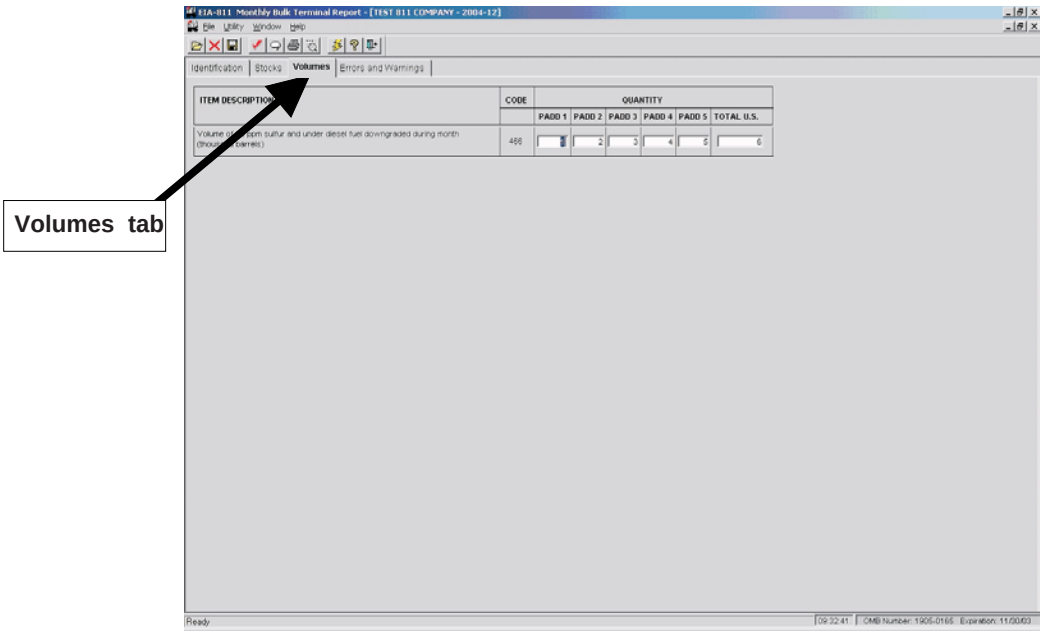


Identification Tab Screen Enter all available identification information for your company in the appropriate boxes. Click the "Zero Submission" or "Resubmission" boxes if applicable.



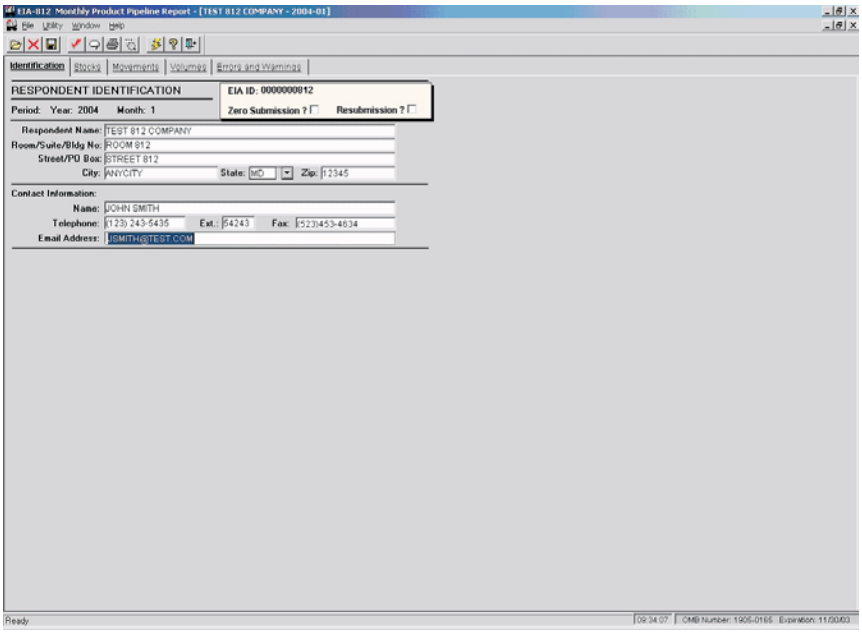
Stocks Tab Screen Data are entered in this screen one State at a time, or by U.S. Total. Select a State to view or edit by clicking on the drop-down arrow near the top of this screen (see above). Then enter the appropriate data in the displayed fields for the State selected. All data entries on this screen must be less than 100,000.

NOTE: You may also remove the selected State and its data by clicking the **Remove Data for this state** button, located to the right of the drop-down "State Selection" arrow.



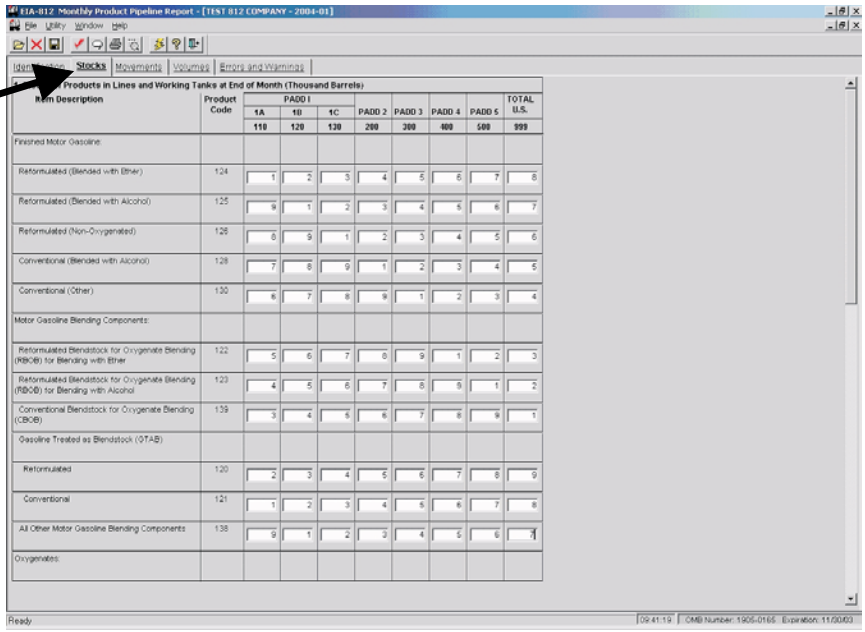
Volumes Tab Screen: Enter the appropriate data in the displayed fields for each PADD and for US Total, as applicable.

EIA-812 Data Entry Screens

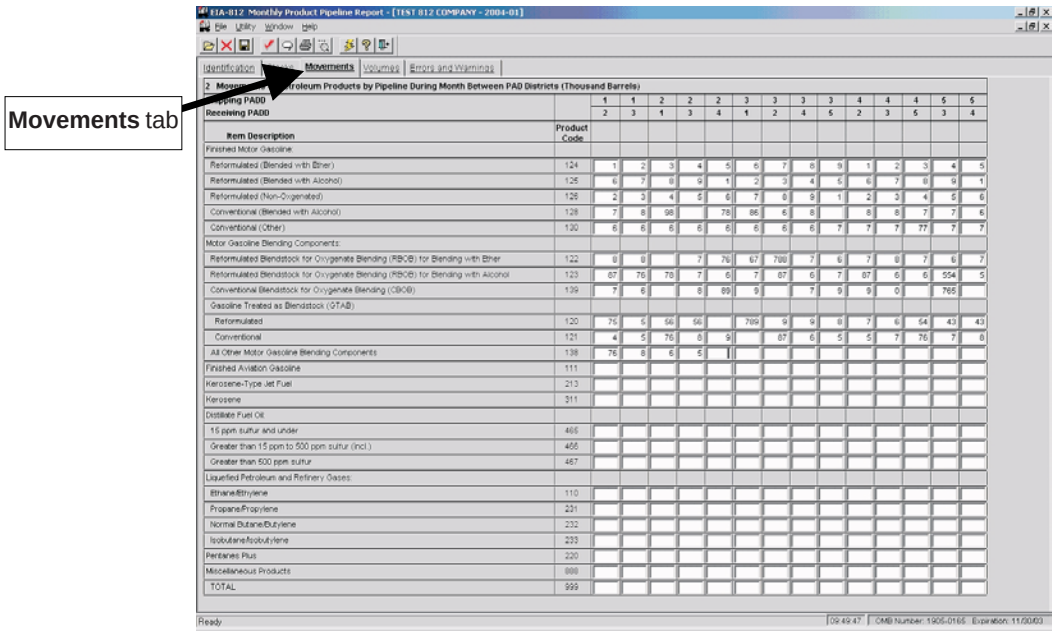


Identification Tab Screen Enter all available identification information for your company in the appropriate boxes. Click the "Zero Submission" or "Resubmission" boxes if applicable.

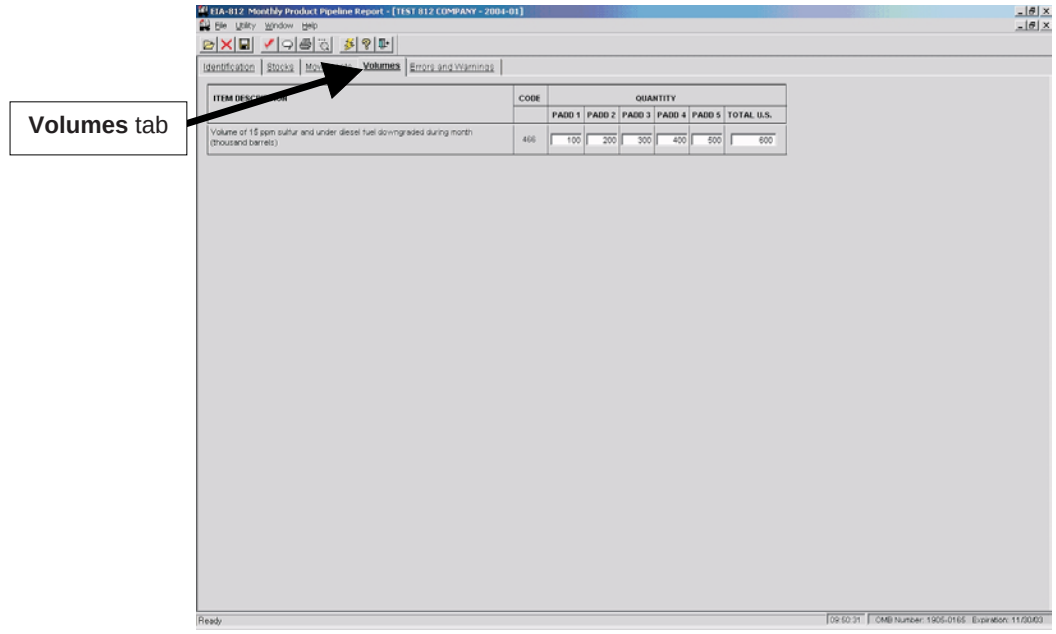
Stocks tab



Stocks Tab Screen Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data. For example, entries in the "PADD" fields must be less than 100,000. Note that there is a scroll bar along the right side of this screen, for viewing the lower portion of the Stocks data entry section.

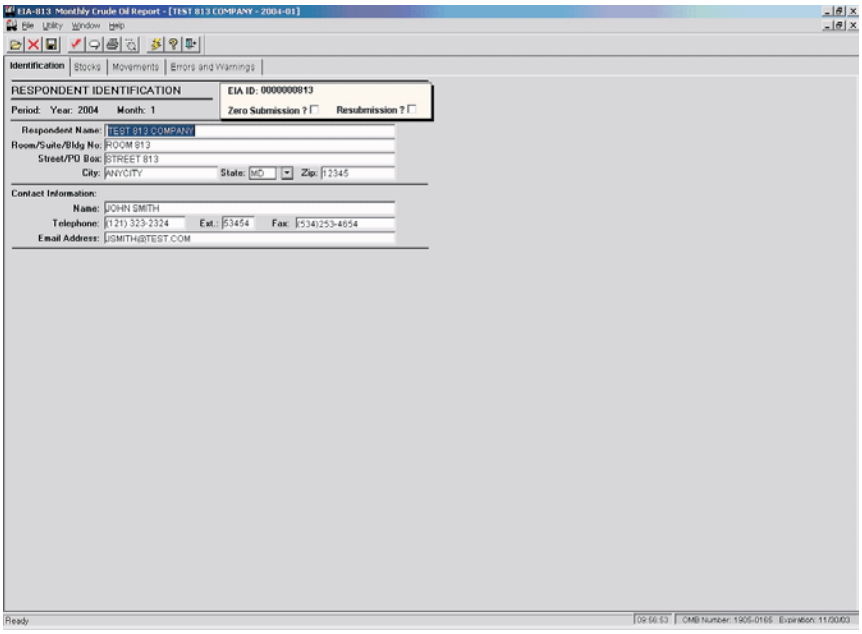


Movements Tab Screen As on the **Stocks** tab screen, enter the appropriate data in the displayed fields. Entries in any fields must be less than 100,000. Note that there is a scroll bar along the right side of this screen, for viewing the lower portion of the **Movements** data entry section.

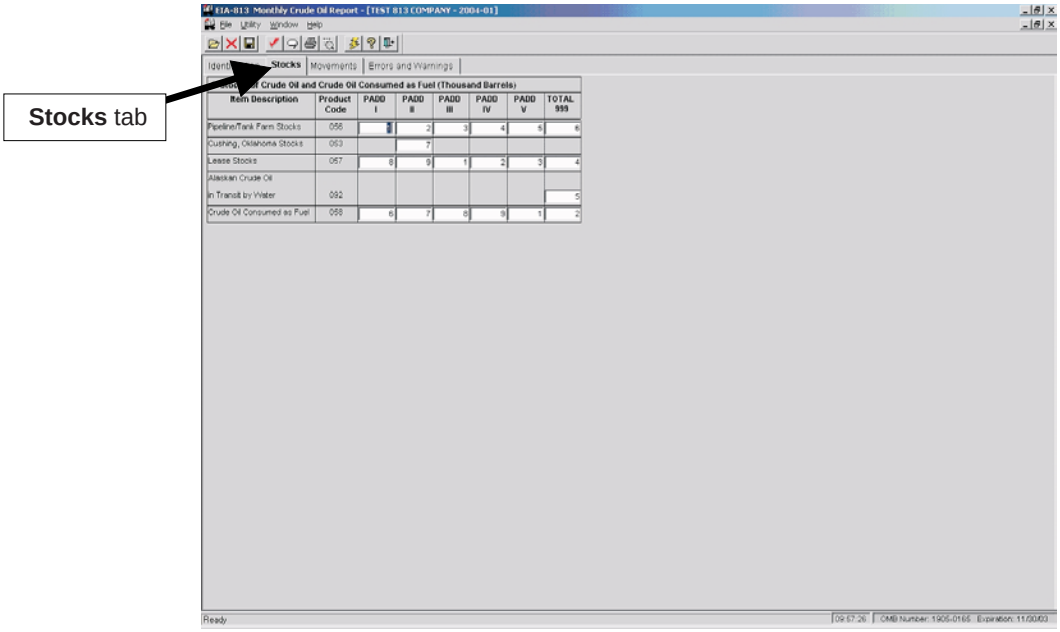


Volumes Tab Screen: Enter the appropriate data in the displayed fields for each PADD and for US Total, as applicable.

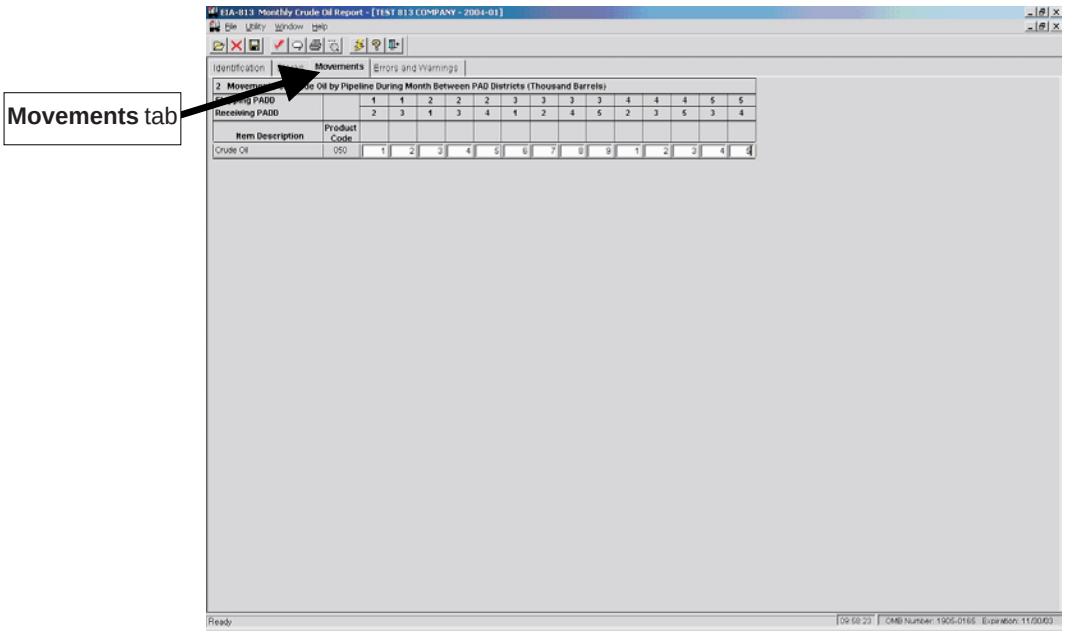
EIA-813 Data Entry Screens



Identification Tab Screen Enter all available identification information for your company in the appropriate boxes. Click the "Zero Submission" or "Resubmission" boxes if applicable.

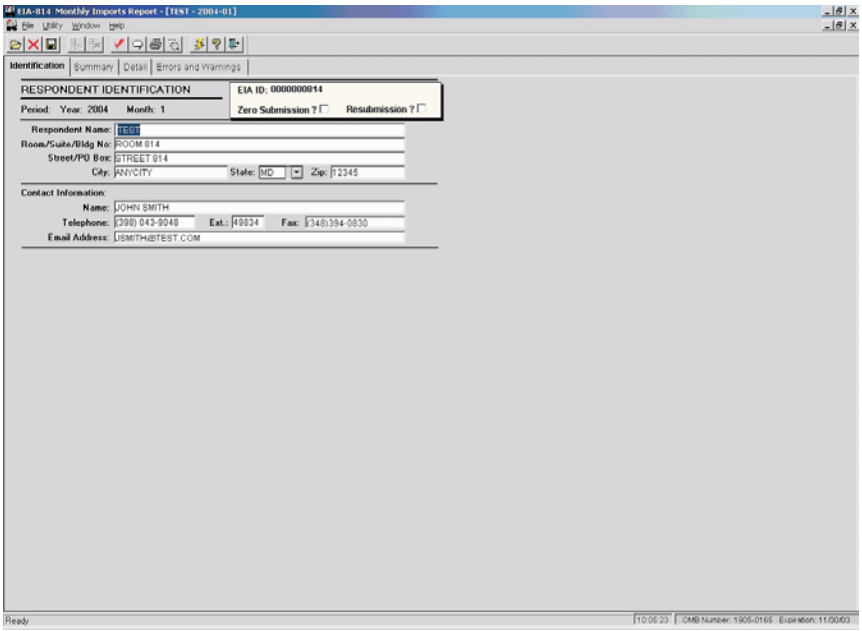


Stocks Tab Screen Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data. For example, entries in the "PADD" fields must be less than 100,000.

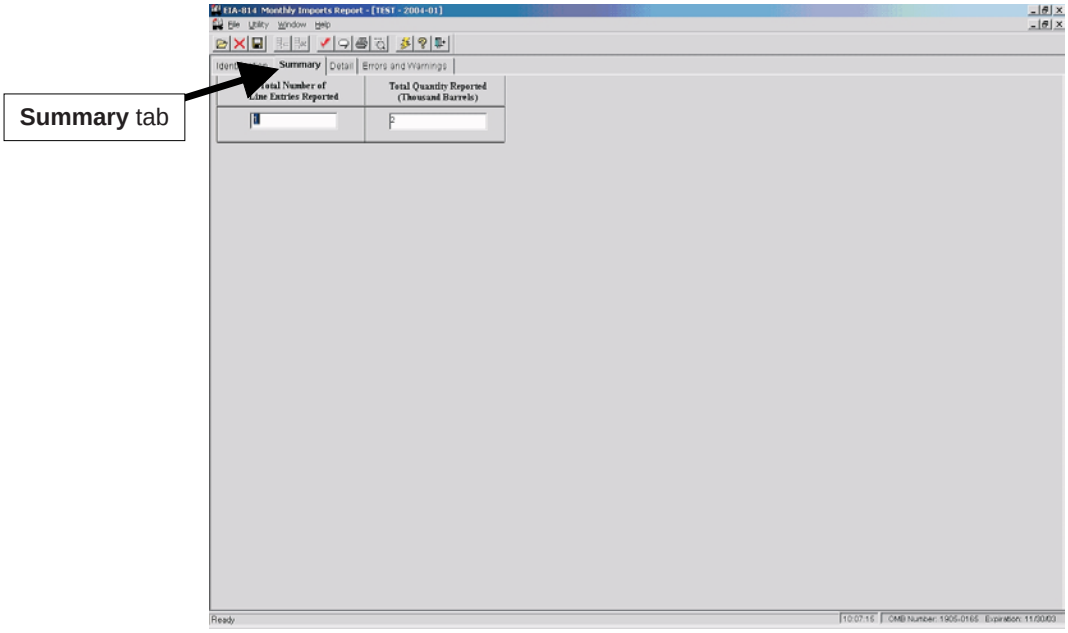


Movements Tab Screen As on the **Stocks** tab screen, enter the appropriate data in the displayed fields. Entries in any fields must be less than 100,000.

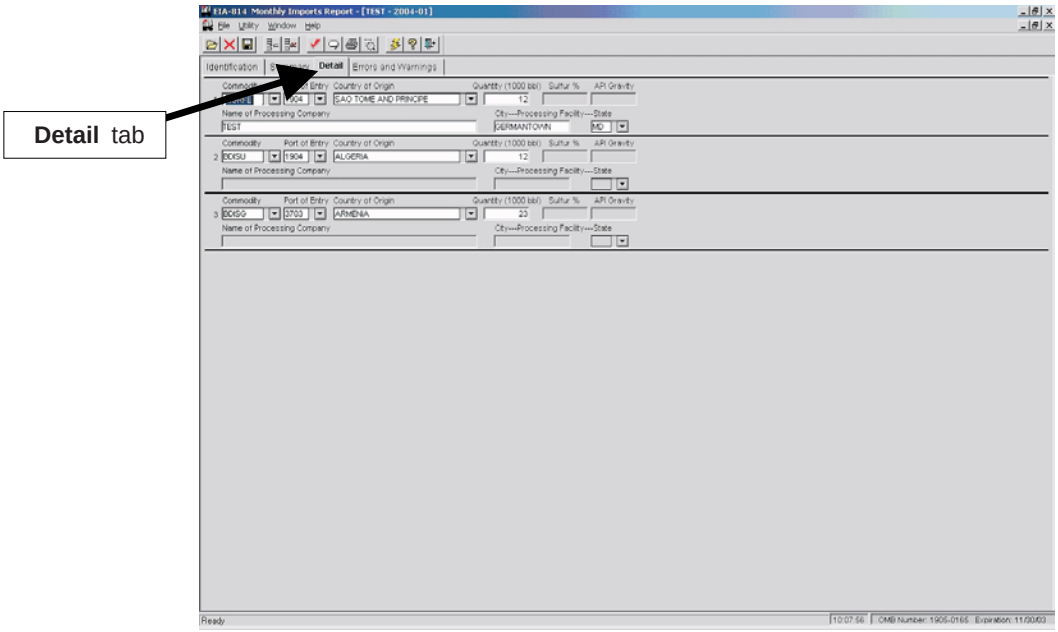
EIA-814 Data Entry Screens



Identification Tab Screen Enter all available identification information for your company in the appropriate boxes. Click the "Zero Submission" or "Resubmission" boxes if applicable.

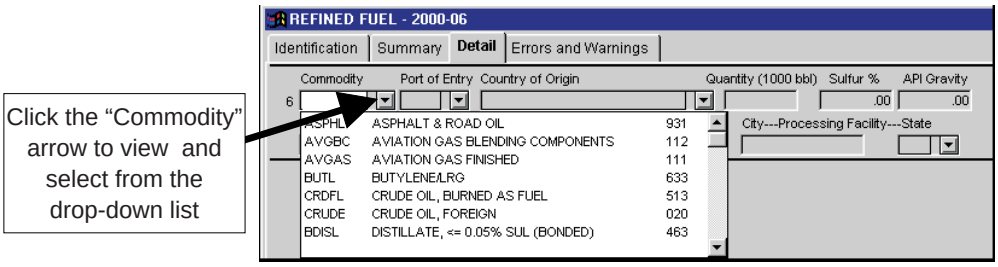


Summary Tab Screen Summary data are entered in this screen. Enter the "Total Number of Line Entries" reported in the appropriate box; this number should reflect the number of line entries you list under the **Detail** tab. Next, enter the "Total Quantity Reported," which should equal the total quantity of all lines under the **Detail** tab. Each entry must be less than 100,000.



Detail Tab Screen Enter the following data on this screen: Commodity (type of fuel that your company imports); Port of Entry (entry point where fuel was delivered); Country of Origin (country from which fuel was shipped); Quantity (amount of fuel received). The data entry process is described below:

First, select a "Commodity" type by clicking on the arrow to the right of the field, as shown below:



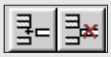
Data entry fields displayed are dependent on the type of commodity selected. For example, if you select "CRUDE OIL, FOREIGN" as your commodity, the "Sulfur %" and "API Gravity" fields become active (they are greyed-out for most commodity types). Also, the "Name of Processing Field" becomes active, as does the city and State fields. When a field becomes active on this **Detail** screen (changes from grey to white), it should not be left blank (an active field that is left blank will generate an error message when validation is run).

Next, select the "Port of Entry" from the drop-down list of U.S. cities (plus Puerto Rico and the Virgin Islands), listed alphabetically by State.

Then select the "Country of Origin" from the drop-down list of countries that export to the U.S. This list is also displayed alphabetically.

Enter the "Quantity" in the next field (must be less than 100,000). Then fill in any other fields for the selected commodity that are active (not greyed out).

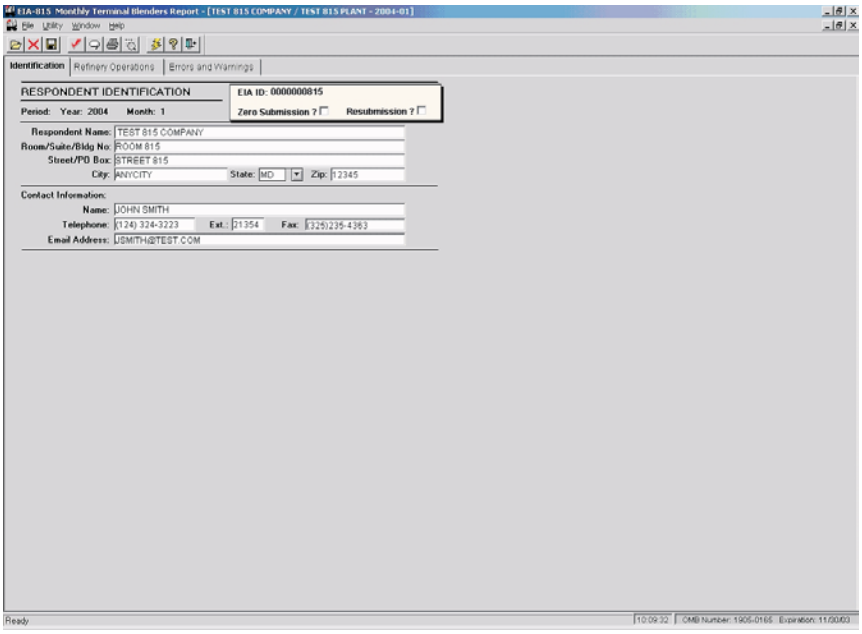
Insert a Row / Delete a Row buttons

NOTE: There are two buttons on the EIA-814 toolbar that are unique to this survey: 

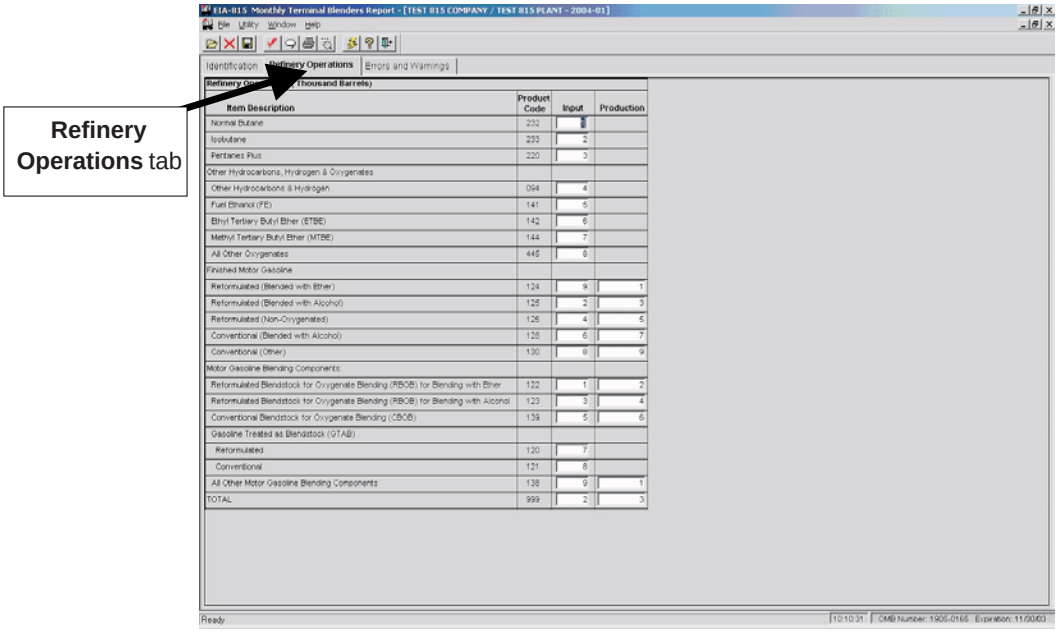
Click the left button (**Insert a Row)** to insert a new row on the **Details** screen, thereby allowing you to enter a different "Commodity" and its associated data.

The right button is used to delete a row. Click anywhere within the row you wish to remove, then click the **Delete a Row** button to delete the selected row. A confirmation box is displayed, to make sure you wish to delete the selected row/commodity.

EIA-815 Data Entry Screens



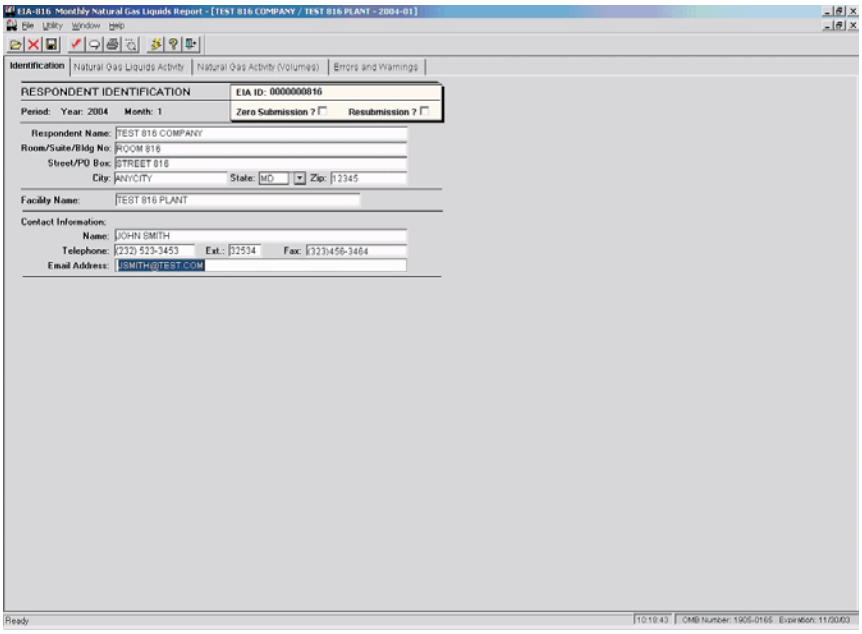
Identification Tab Screen Enter all available identification information for your company in the appropriate boxes. Click the "Zero Submission" or "Resubmission" boxes if applicable.



Refinery Operations tab

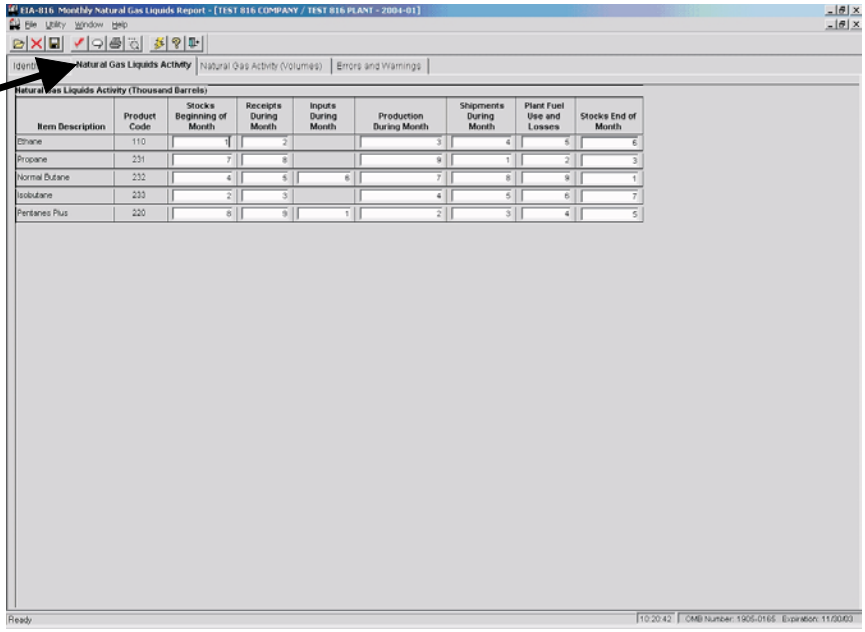
Refinery Operations Tab Screen Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data.

EIA-816 Data Entry Screens

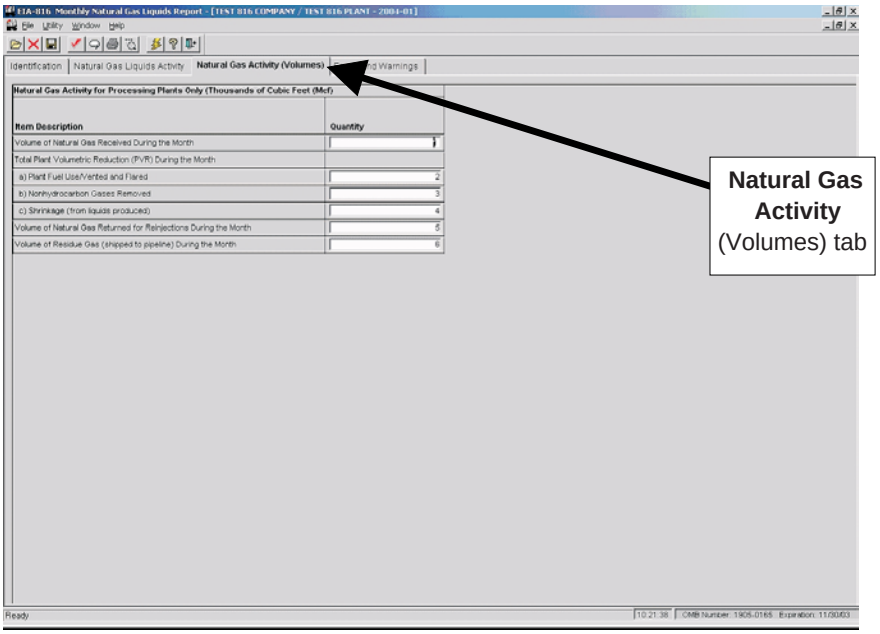


Identification Tab Screen Enter all available identification information for your company in the appropriate boxes. Click the "Zero Submission" or "Resubmission" boxes if applicable.

Natural Gas Liquids Activity tab

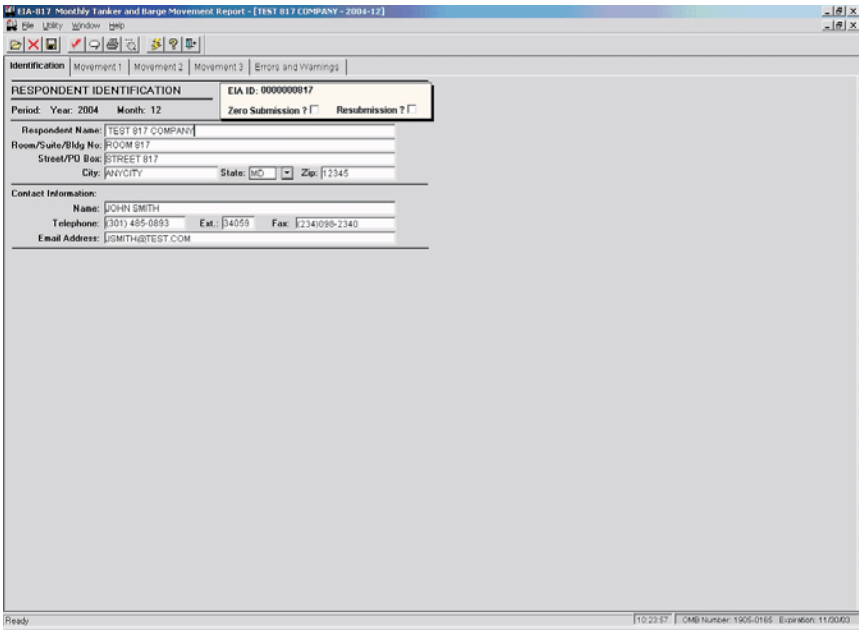


Natural Gas Liquids Activity Tab Screen Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data. Entries in any of the Activity fields must be less than 100,000.



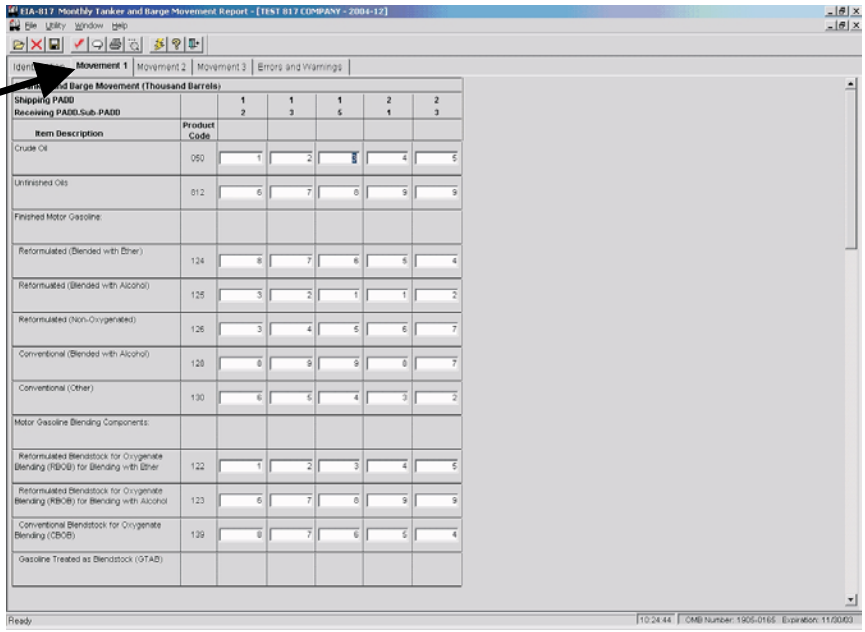
Natural Gas Activity (Volumes) Tab Enter the appropriate data in the displayed fields.

EIA-817 Data Entry Screens



Identification Tab Screen Enter all available identification information for your company in the appropriate boxes. Click the "Zero Submission" or "Resubmission" boxes if applicable.

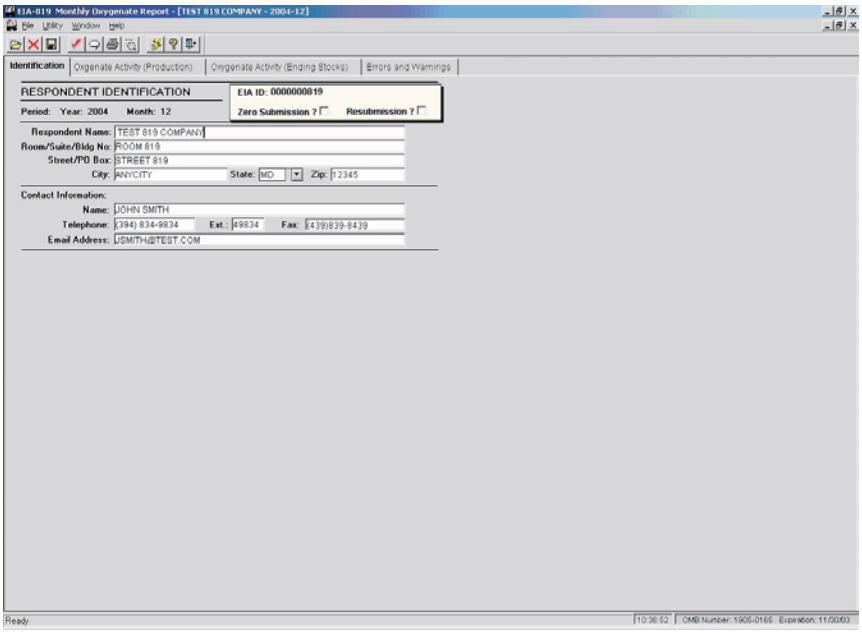
Movement 1 tab



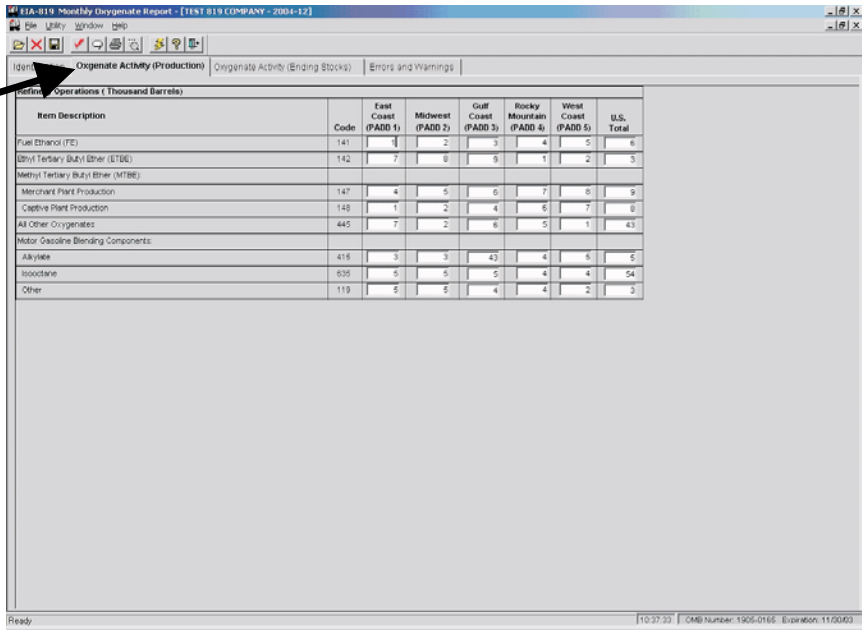
Movement 1 Tab Screen Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data. Entries in any of the Activity fields must be less than 100,000. Note that there is a scroll bar along the right side of this screen, for viewing the lower portion of the **Movements** data entry section.

Movement 2 and 3 tabs display screens similar to **Movement 1,** with the same data checks.

EIA-819 Data Entry Screens

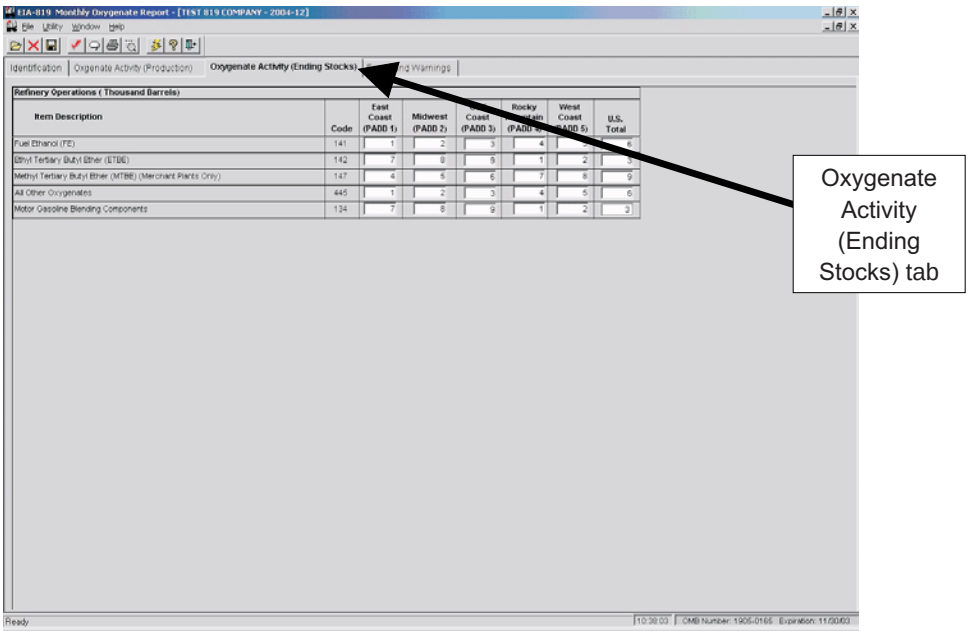


Identification Tab Screen Enter all available identification information for your company in the appropriate boxes. Click the "Zero Submission" or "Resubmission" boxes if applicable.



Oxygenate Activity (Production) tab

Oxygenate Activity (Production)Tab Screen: Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data.



Oxygenate Activity (Ending Stocks) Tab Screen Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data.

Validate Data

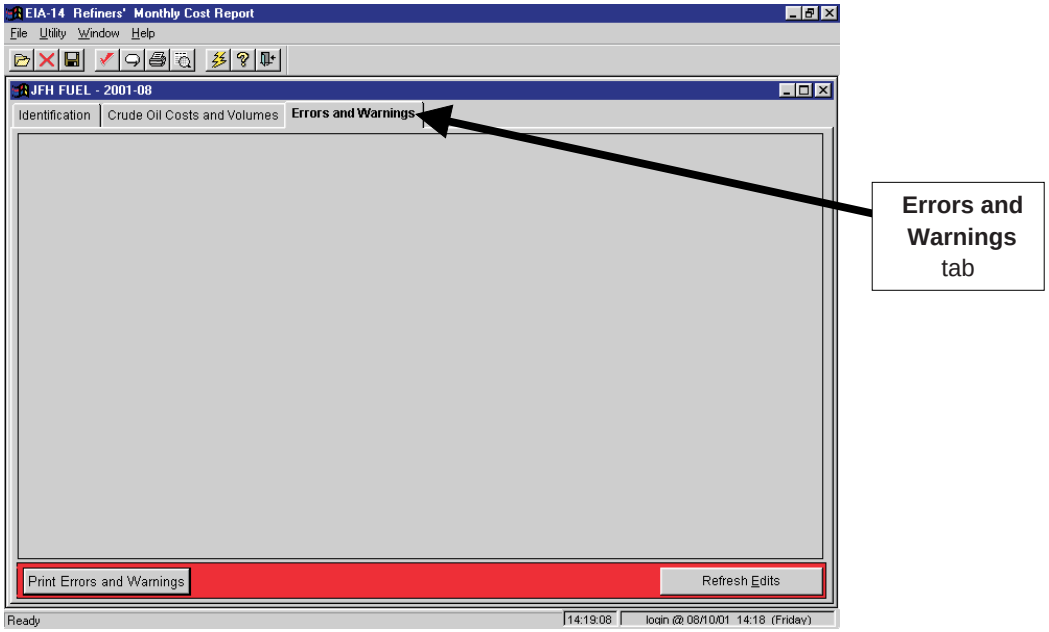
This function helps insure that your data are correct. In addition, it will minimize phone calls from EIA questioning the data you have sent to them. You may run edit checks as often as you like throughout the data entry process, but it is recommended that you validate your data at least once prior to submission. For a list of edit checks run during validation for each survey, see Appendix A, "Edit Checks."

There are two methods of validating PEDRO data:

1) Errors and Warnings

2) Perform Validation Checks

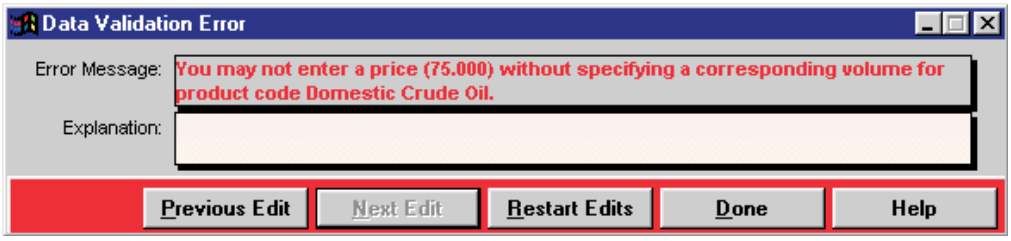
Both of these options perform basically the same function. The first is run by clicking the **Errors and Warnings** tab (the right-most tab on each of the PEDRO survey screens). This tab is displayed below:



Errors and Warnings Screen

Click the **Refresh Edits** button in the bottom right corner of the screen to begin the data validation. A list of any discovered errors (or potential errors) is displayed. Beneath each item is an "Explanation" box -- if you would like to provide an explanation of why the "error" should be left unchanged, type it in the "Explanation" box below that specific error. You may then print the list of errors if you wish, by clicking the **Print Errors and Warnings** button in the bottom left corner of the screen.

To invoke the second method of data validation, "Perform Validation Checks," click the Check button " " on the toolbar, or choose the Utility / Validate Data menu option from the upper left menu bar. Data that do not pass the edit validation will be identified in a "Data Validation Error" window, which is displayed at the top of the screen. The data in question will be highlighted on the screen. A sample "Data Validation Error" is shown below.



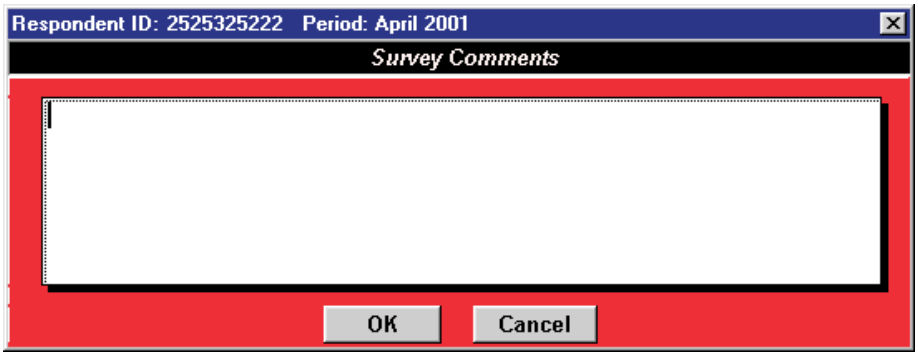
Data Validation Error Box

If you wish to type in an explanation for this error, do so in the "Explanation" box. To scroll through the series of discovered edit checks, click the **Previous Edit** and **Next Edit** button. To start the validation process over, click the **Restart Edits** button; this is useful if you correct an error while the "Data Validation Error" window is open. Click the **Done** button to close the "Data Validation Error" window.

Enter Comments

If you wish to enter a comment to explain any unusual or substantially different aspects of your company's operations, click the **Comments** button on the toolbar, " " or choose the Utility/ Comments menu option from the upper left menu bar.

The following "Comments" box is displayed:



Survey Comments Box

Type in the comments for the Respondent ID and Period identified at the top of the "Survey Comments" box, and click the **OK** button when finished.

Save PEDRO Data

To save PEDRO data as it is entered, click the **Save** button on the toolbar, " " or choose the File / Save menu option from the upper left menu bar.

NOTE: Whenever you exit a respondent or survey without saving, you will be prompted whether you wish to save your modifications before closing.

Close Current Respondent

When you are finished with a particular respondent and period but wish to keep the currently-selected survey open, click the **Close Respondent** button on the toolbar, " " or choose the File / Close menu option from the upper left menu bar.

You may then click the **Open Respondent** button" " to open a different respondent/period within the survey.

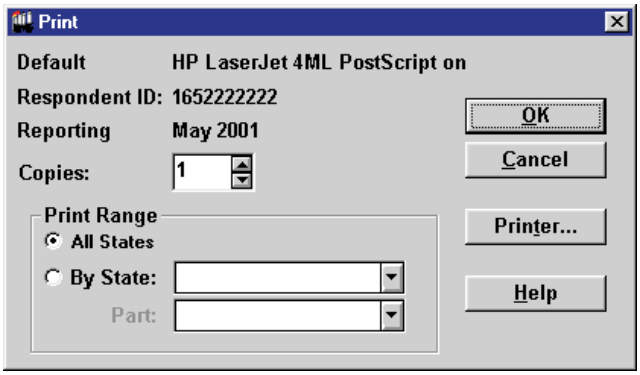
Print Options

To print a report for a selected respondent/reporting cycle, first open a survey form (see the "Select a Respondent" in the Opening a Survey section of this manual). Then either:

- Click the Print icon on the toolbar " " ; or
- Choose the Print option from the File menu.

The currently-selected respondent/period will be printed, displaying all data you've entered.

NOTE: When using the EIA-782A, B and C Surveys, the following screen is displayed when the **Print** button is clicked:



EIA-782A, B, & C Print Box

From this screen, you may select the number of copies you wish to print (in the "Copies" box); and whether you wish to print "All States" (the default option) or one state (by clicking the "By State" button). If you select one state, you may also select whether you wish to print "All Parts" of the 782 form, or only individual parts of the form. You may also adjust your printer setup by clicking the **Printer** button. After making your desired selections, click the **OK** button to continue with the printing process.

A **Print Preview** button " " is also available if you wish to view the form as it will appear when printed.

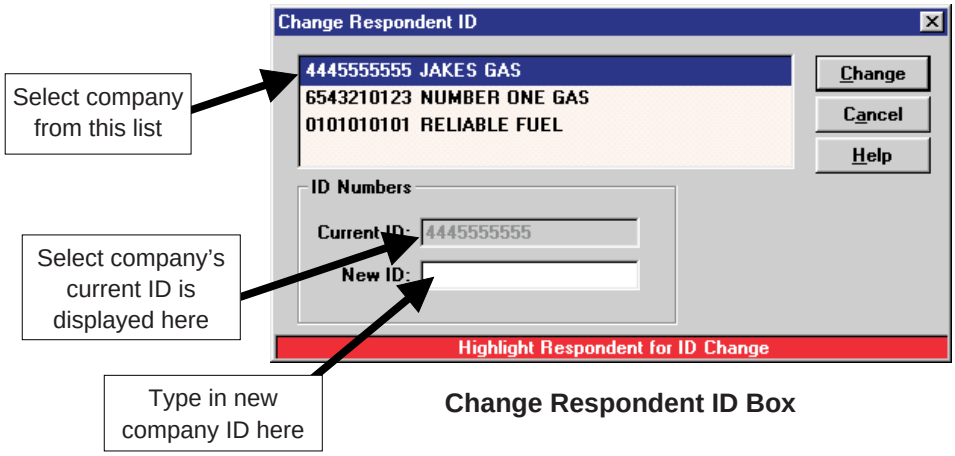
From the "Print Preview" screen, you can print the form, change your printer settings, scroll through the pages of the form being displayed, and zoom between 20% and 200% of the form's actual size.

Change Respondent ID Number

If you wish to change a respondent's EIA ID number (or API ID number) for a company that you've already added to PEDRO, choose the Utility / Change ID menu option from the tool bar in the upper left corner of the PEDRO screen. This option is only available when no respondent/period is open in PEDRO (the menu option appears greyed out if a respondent is open). The look of the "Change ID" box is slightly different between the surveys, as displayed below:

EIA-14, EIA-182, and EIA-782A, B, & C Surveys

After selecting the "Change ID" option, the following "Change Respondent ID" box is displayed:

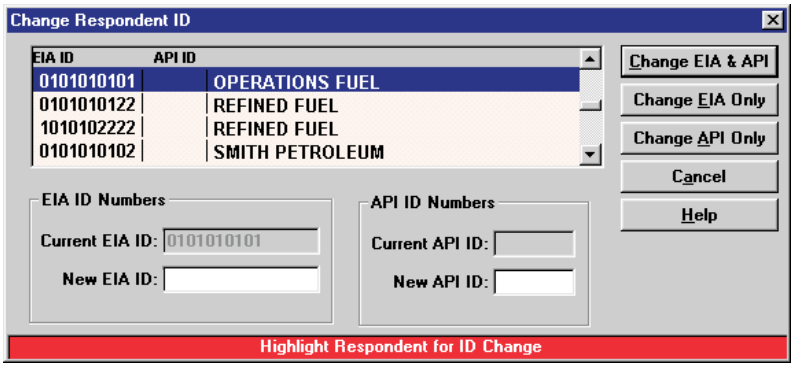


Change Respondent ID Box

Select the company and ID that you wish to change. The "Current ID" of the selected company is displayed in the field identified above; type in the new ID in the field below it. Click the **OK** button. A confirmation box is displayed; click the **OK** button to complete the ID change.

EIA-800 through 805, EIA-810 through 817, and EIA-819 Surveys

After selecting the "Change ID" option, the following "Change Respondent ID" box is displayed:



Change Respondent ID Box

Select the company and ID that you wish to change. The EIA ID of the selected company is displayed in the "Current EIA ID" field identified above; the API ID is displayed in the box to the right of the EIA ID. Type in the new EIA ID in the appropriate field, and/or the new API ID. Click the appropriate button, depending on whether you wish to change both the EIA and API IDs (**Change EIA & AP)**, only the EIA ID (**Change EIA Only**), or only the API ID (**Change API ID Only)**. A confirmation box is displayed; click the **OK** button to complete the ID change. All data formerly under the old ID will now be displayed under the new ID.

Delete a Period or Respondent

If you wish to remove a period or respondent from a survey, choose the Utility / Delete Period/Respondent menu option from the menu bar in the upper left corner of the PEDRO screen. This option is only available when no respondent/period is open in PEDRO (the menu option appears greyed out if a respondent is open).

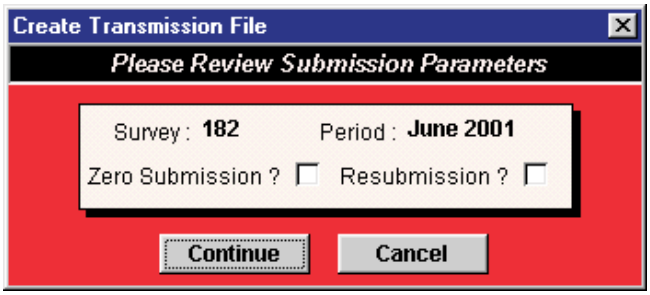
After selecting "Delete Period/Respondent," a box is displayed, listing the current respondents and periods for the survey. Select the Period or Respondent you wish to delete, and click the appropriate button (**Delete Respondent** or **Delete Period)**. A confirmation box is displayed; click the **OK** button to remove the selected Respondent or Period.

Note that, if a Respondent only has one corresponding Period, the system will not allow you to delete that unique Period -- a Respondent cannot exist without at least one Period. Also, remember that **all data** for the respondent will be deleted as well when the respondent is deleted.

Create Transmission File

After all data have been entered and checked for a given survey, a final Transmission File must be generated for filing your data with EIA. The Transmission File is transported to EIA using the PEDRO Communications Module, described in the next section of this manual.

To create a Transmission File,click the **Create Transmission File** button on the toolbar, " or choose the Utility / Create Transmission File menu option from the upper left menu bar. The following screen is displayed:



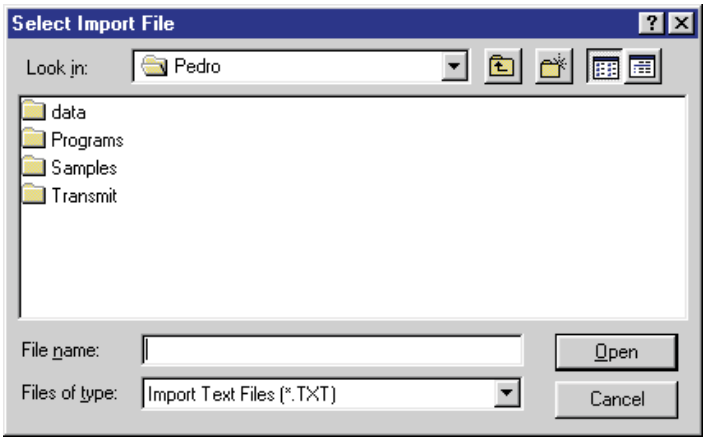
Create Transmission File Box

Review the displayed information (check the survey number and Period, and check the Zero Submission and/or Resubmission boxes if applicable). If the submission parameters appear correct, click the **Continue** button. A box is displayed, asking if you wish to open PEDRO Communications now. If you wish to submit your data transmission file now, click the **Yes** button. If you wish to wait and submit it later, click the **No** button.

For instructions on running the PEDRO Communications Module, see section seven, "The PEDRO Communications Module."

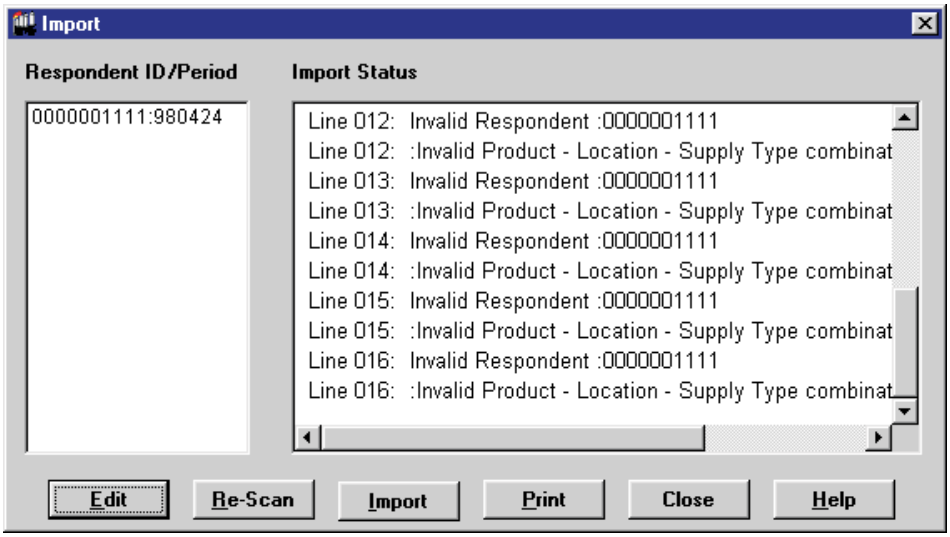
VI. Import Data

To import data for one or more respondents and reporting periods, close all respondents and report periods, and choose the Import option from the Utility menu. The following screen is displayed:



Select Import File Box

Select the file to be imported and click the **Open** button. The file to be imported must be formatted according to the survey layout, specified in Appendix A. The selected file will be scanned for proper record format. If the format is correct, the following "Import" screen is displayed:



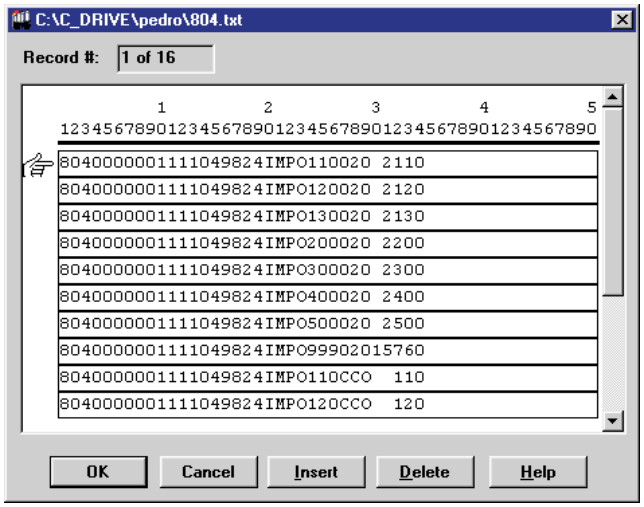
Import Box

As shown in the example above, information about the data being imported is displayed in the "Import Status" portion of the screen. This will include any potential errors that have been found in the imported data.

If you wish to re-check the data after editing it or recreating it elsewhere, click the **Re-scan** button. You may also print information in the "Import Status" box by clicking the **Print** button.

You may complete the import by clicking the **Import** button. If you wish to edit the data prior to importing, follow these steps:

To edit individual lines of data within the file before importing it into PEDRO, click the **Edit** button in the bottom left corner of the "Import" box. The following screen is displayed:



Edit Imported Data Box

You may click on any line and type in any adjustments you wish to make. If you wish to add a new line of data, click the line below where you wish the new line to appear, and click the **Insert** button. If you wish to remove an entire line of data, click on it, then click the **Delete** button.

After completing any editing, click the **OK** button to return to the "Import" box, or click **Cancel** to ignore any changes. Click the **Import** button on the "Import" box to complete the importation of data into PEDRO.

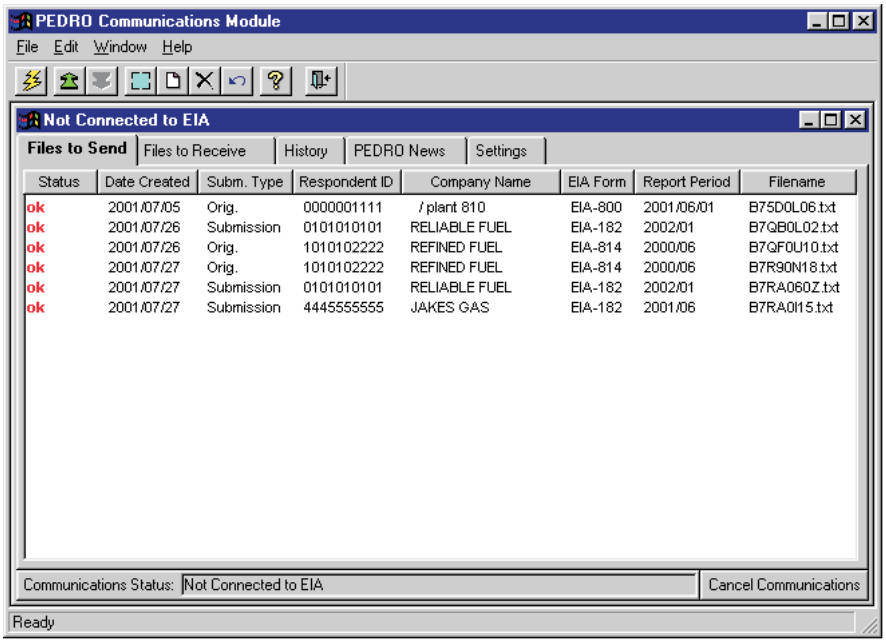
VII. The PEDRO Communications Module

The PEDRO Communications Module is used when you wish to transmit one or more data files to EIA. PEDRO Communications requires that you have previously entered your data, successfully validated your data, and created a transmission file containing your data. If all three of these steps have been completed, then you are ready to send your transmission file to EIA.

There are two ways you can invoke the communications module. You may enter PEDRO Communications immediately after creating a transmission file, by responding **Yes** when the pop-up box asks you if you want to start PEDRO Communications. You may also enter PEDRO Communications directly from Windows by clicking on the PEDRO Communications application icon. This is accomplished outside of the PEDRO survey module. After using either method to access the PEDRO Communications Module, the following screen is displayed.

Logon to PEDRO Communications Box

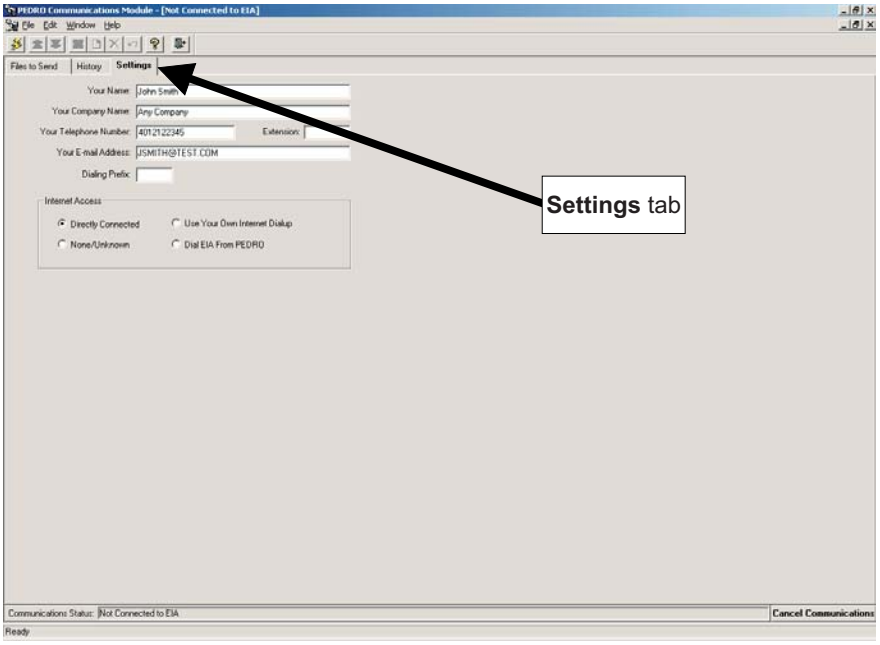
This identification information will be used by both EIA and your company to track the transmission of data files. Your name will be displayed as it was entered in PEDRO; you may update it here if necessary. Please enter your phone number, so that EIA personnel can contact you if necessary. After completing name and phone number fields, click the **Logon** button to access the PEDRO Communications Module. The main screen is displayed below.



PEDRO Communications Main Screen

If you are using PEDRO Communications for the first time, you will have to configure it to transmit and receive data from EIA. See the "Dial-Up Networking" segment of section three ("How to Set Up the PEDRO Software") if you have a modem.

Click the "Settings" tab, as shown below.



Enter all of the appropriate information in the space provided.

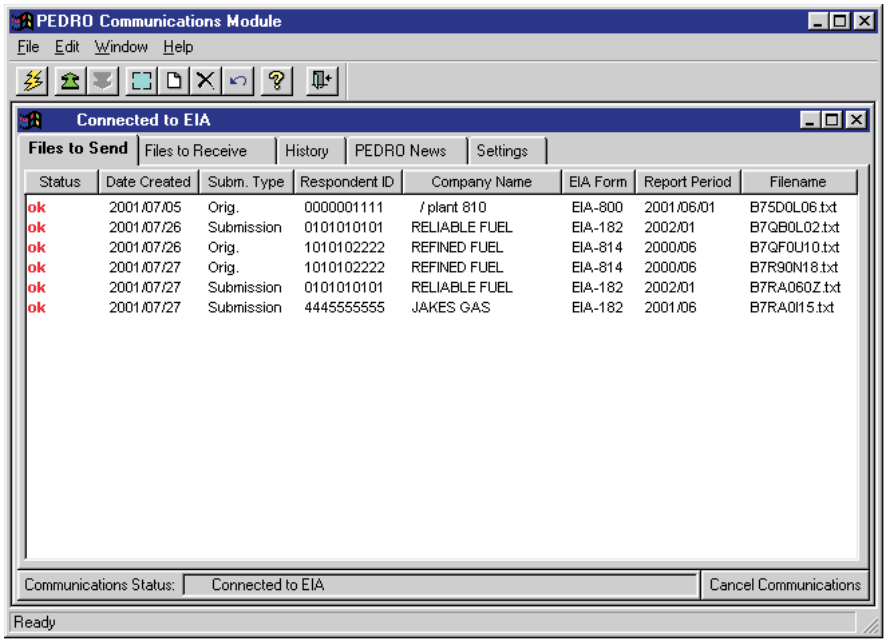
Be sure to enter the *Dialing Prefix* if it applies to you. For example, you might be required to dial a '9' to get an outside line. Also pay special attention to the choices for *Internet Access*. It is best to select the access method that you are using. If you are not sure, however, you can select *None/Unknown* and the system will attempt to determine your method of access.

Brief descriptions of each of the options in the **"Internet Access"** box:

- *Directly Connected*: Select this option if you have a direct connection to the Internet.
- *Use Your Own Internet Dial-Up*: Select this option if you access the Internet via an Internet Service Provider such as AOL or CompuServe, or you are using a cable modem or DSL.
- *None / Unknown*: Select this option if you do not know what type of connection you have, or if you have no way to access the Internet. If you have problems getting this option to work, call PEDRO support for assistance.
- *Dial EIA From PEDRO*: Select this option if you have a modem, but do not currently have Internet access. (In order to use this option, you must have Dial-Up Networking installed on your computer. To install Dial-Up Networking, see the "Dial-Up Networking" segment of section three ("How to Set Up the PEDRO Software"). If you use this method to transmit data to EIA, you will automatically be disconnected after 15 minutes of inactivity.

After entering the necessary information in the "Settings" tab screen, you may connect to EIA to transmit your data. To do so, click the **Connect** button " " or choose the File / Connect menu option from the menu bar in the upper left corner of the PEDRO Communications screen.

Click on the "Files to Send" tab, and select the files to be transmitted to EIA. Use the normal Windows convention of clicking the left mouse button on the file you wish to transmit. If you wish to send more than one file, press the Ctrl key and then click on the files you wish to send (while holding the Ctrl key down). In this manner, you can select any number of files for transmission.



PEDRO Communications Main Screen - Select Files to Send

Note that, in the example shown above, the Status for each file is ok. This means that these files have been validated, and therefore are suitable for transmission to EIA.

If you now click on the **Transmit** button " " on the toolbar, or select the File / Transmit menu item, your file(s) will be sent to EIA. At that point, the Status column for the file(s) you transmitted will be updated to sent to indicate a successful transmission.

Click on the **"**Files to Receive**"** tab to view those files sent by EIA that can be received by your machine. Select a file or files and click the **Receive** button " " or click the File / Receive menu item to receive the selected file.

Click on the "History" tab to view files that have been successfully transmitted to EIA. If you have just transmitted, the latest sent file will not show up until you exit and reenter PEDRO Communications. If there was a problem during transmission, and some/all of the data were lost, you may have to recreate the file and retransmit it.

Click on the "PEDRO News" tab to view information about the PEDRO system.

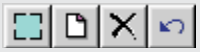
Other PEDRO Communication Module Functions

In addition to the functions already described, the toolbar along the top left portion of the PEDRO Communications Main Screen also provides the following functionality:

Receive " " (also available by choosing the File / Receive menu item):

Click this button to receive a file from EIA. Identify the file in the "Files to Receive" tab screen before selecting this option.

The next group of four buttons can be used to perform the following functions:



1. 2. 3. 4.

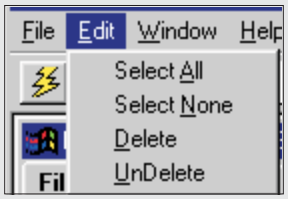
1. **Select All**: Click this button to highlight every entry on the currently-displayed screen. This is useful if you are transmitting a large number of respondent data files at once.

2. **Select None:** Click this button to de-select any and all entries you may have highlighted on the currently-displayed screen.

3. **Delete**: Click this button to delete the highlighted entry (or entries) on the currently-displayed screen. The "Status" will then change from "ok" to "deleted."

4. **Undelete:** Click this button to undelete any highlighted entry (or entries) whose "Status" is "deleted." The "Status" will then switch back to "ok" (assuming the highlighted entry has passed validation).

NOTE: Each of these four functions can also be performed using the Edit menu:



VIII. PEDRO Help

PEDRO's online Help allows you to obtain access to any information necessary to use the PEDRO system.

You can obtain access to online Help at any point in the PEDRO system by selecting the "Contents" option from the "Help" menu located at the top of the main PEDRO window. Doing so will connect you to the Contents screen for general PEDRO Help. Help for the specific EIA survey form with which you are currently working is accessed by selecting the "Survey Specific Help" option from the "Help" menu. Choosing the "Search for Help On" option from the "Help" menu will display a dialog box allowing you to search for survey-specific Help topics containing specific keywords.

The Help windows available in PEDRO allow you to navigate among the topics in the Help system in a number of ways. By clicking the Contents button, for example, you will open the Contents screen and be presented with an overview of all topics in the Help system. Any information not available in the Contents screen will be accessible from the Search facility (click the **Search** button), which will display a dialog box allowing you to search for Help topics containing specific keywords. Clicking the Back button will return you to the previous topic on the display. The History button will display a running history of up to 40 topics viewed since the Help system was opened; this list will appear in a secondary window, and you can click one of the topics and jump straight to it. Clicking one of the Browse buttons (marked "**<<**" and "**>>**") will allow you to wander through a series of related Help topics. You may exit the Help system at any time by clicking the **Exit** button.

PC Electronic Data Reporting Option (PEDRO) System User's Guide

Appendix A

Edit Checks

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Edit Checks
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General Information

This appendix addresses survey-specific information for the following Petroleum Surveys operating under PEDRO, for survey submissions with a report period greater than or equal to January 1st, 2004:

- EIA-14 Refiners' Monthly Cost Report
- EIA-182 Domestic Crude Oil First Purchase Report
- EIA-782A Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report
- EIA-782B Resellers'/Retailers' Monthly Petroleum Product Sales Report
- EIA-782C Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption
- EIA-800 Weekly Refinery Report
- EIA-801 Weekly Bulk Terminal Report
- EIA-802 Weekly Product Pipeline Report
- EIA-803 Weekly Crude Oil Stock Report
- EIA-804 Weekly Imports Report
- EIA-805 Weekly Terminal Blenders Report
- EIA-810 Monthly Refinery Report
- EIA-811 Monthly Bulk Terminal Report
- EIA-812 Monthly Product Pipeline Report
- EIA-813 Monthly Crude Oil Report
- EIA-814 Monthly Imports Report
- EIA-815 Monthly Terminal Blenders Report
- EIA-816 Monthly Natural Gas Liquids Report
- EIA-817 Monthly Tanker and Barge Movement Report
- EIA-819 Oxygenate Telephone Report

Information on specific survey reporting cycles, submission due dates, resubmission policies and instructions, are contained in both the PEDRO Help, and on the EIA webpage. For questions regarding specific survey data, contact your EIA specialists listed in the survey instructions, or on the EIA webpage.

The information below provides specific edit criteria and file specific information for importing data files.

Edit Criteria

PEDRO provides an on-line error-checking process that highlights discrepancies. This permits you to enter and check data before transmitting to EIA. There are two types of error checks, immediate mandatory validations, and data validation edits. The immediate mandatory validations prevent the user from entering incorrect data at the time of data entry, while the data validation edits flag questionable data (after data entry is complete, but prior to submitting data to EIA). Listed below are the immediate mandatory validations.

- Keystroke limits shall be applied as the user types in any data for all fields, to prevent an overload of database fields and / or to prevent an unreasonable scale for a given field.
- Zip codes fields shall accept up to 10 alphanumeric characters, thus accepting both zip codes and Canadian postal codes.
- Telephone numbers shall accept up to 14 alphanumeric fields including the spaces and punctuation.
- Telephone extension fields shall be five characters.
- Quantity fields shall be positive integers (less than 100,000), or zero except as explicitly noted under survey specific requirements.
- Quantity fields shall be numeric and shall not accept alphabetic characters. Dollar fields (prices, costs, sales) shall be considered quantity fields within PEDRO.

Import File Format and Codes

An alternative method of entering data in the PEDRO system is to import an ASCII file. This allows data entered via other software programs to be brought into PEDRO without re-keying.

This appendix includes information useful for importing data, including:

- Import File Formats
- Cell Labels
- Product Codes
- Sample Importation Files

Additional information on file importation can be found in the "Import Data" section in this User's Guide.

EIA-14
Refiners' Monthly Cost Report

File Format

COLUMN	DESCRIPTION
1-3	3-digit EIA survey number, always **014**
4-13	10-digit respondent ID number
14-15	2-digit month code, 01-12 (e.g., 06=June)
16-17	2-digit year code (e.g., 02=2002)
18-19	2-letter geographic code, always US
20-26	3-character cell label (always RMC) followed by 4 blanks
27-29	3-digit product code: See table below
30	1-digit PADD location: See table below
31-38	8-digit total cost in thousands of dollars
39-46	8-digit total volume in thousands of barrels

Cell Labels

RMC	Refiner's Monthly Cost

Product Codes

Code	Description
050	Domestic Crude Oil
020	Imported Crude Oil

PADD Location Codes

1	PADD I
2	PADD II
3	PADD III
4	PADD IV
5	PADD V
9	Total U.S.

Sample Importation File

The following sample file contains data for respondent **0000001111** for the months of **October and November 2004 (1004 and 1104 respectively)**. As shown, the file may contain data for multiple respondents and multiple months. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

```
01400000011111004USRMC    050150000   400
01400000011111004USRMC    020160000   400
01400000011111104USRMC    02025000    400
01400000011111004USRMC    05025000    400
01400000011111004USRMC    05038000    200
01400000011111004USRMC    02035000    200
01400000011111004USRMC    05045000    400
```

EIA-182
Domestic Crude Oil First Purchase Report

File Format

COLUMN	DESCRIPTION
1-3	3-digit EIA survey number, always **182**
4-13	10-digit respondent ID number
14-15	2-digit month code, 01-12 (e.g., 06=June)
16-17	2-digit year code (e.g., 02=2002)
18-19	2-character State/Production Area code
20-26	4-character cell label (always DCFP followed by 3 blanks)
27-29	3-digit product code, always 050
30-37	8-digit average dollars per barrel
38-45	8-digit total volume in actual barrels

Cell Label

DCFP	Domestic Crude Oil First Purchases

Product Code

050	Domestic Crude Oil

Sample Importation File

The following sample file contains data for respondent 0000001111 for the month of October 2002 (1002). As shown, the file may contain data for multiple respondents and multiple months. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

```
18200000011111002ALDCFP   05050000 400
18200000011111002ANDCFP   05060000 400
18200000011111002DEDCFP   05050000 400
18200000011111002OKDCFP   0505000  400
18200000011111002ALDCFP   0505000  400
18200000011111002AKDCFP   0506000  400
18200000011111002ANDCFP   0505000  400
18200000011111002CADCFP   0505000  400
18200000011111002MNDCFP   0505000  400
18200000011111002MODCFP   0505000  400
18200000011111002LADCFP   0505000  400
18200000011111002TXDCFP   0505000  400
```

EIA-782A
Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report

File Format

COLUMN	DESCRIPTION
1-3	3-digit EIA survey number, always **782**
4-13	10-digit respondent ID number
14-15	2-digit month code, 01-12 (e.g., 06=June)
16-17	2-digit year code (e.g., 02=2002)
18-19	2-letter State code
20-23	4-character cell label, EIA-782A=PPSA, EIA-782B=PPSB
24-26	3-character sales code
27-29	3-digit product code
30-37	8-digit sales volume in 1000 gallons
38-41	4-digit sales price in $0.000 per gallon

Cell Labels

Code	Description
DTW	Dealer Tank Wagon
RAC	Rack
BLK	Bulk
RES	Residential
COM	Commercial/Institutional
IND	Industrial
OUT	Company-Operated Outlets
OTH	Other End-Users
PTR	Petrochemical
RLT	Retail
WSL	Wholesale

Product Codes

Code	Description
111	Aviation Gasoline (Finished)
153	Reformulated Regular Motor Gasoline
154	Reformulated Midgrade Motor Gasoline
155	Reformulated Premium Motor Gasoline
156	Oxygenated Regular Motor Gasoline
157	Oxygenated Midgrade Motor Gasoline
158	Oxygenated Premium Motor Gasoline
159	Conventional Regular Motor Gasoline
160	Conventional Midgrade Motor Gasoline
161	Conventional Premium Motor Gasoline
213	Kerosene-Type Jet Fuel
311	Kerosene
467	No.1 Distillate
468	No. 2 Diesel Fuel $\leq$ .05% Sulfur

469 No. 2 Diesel Fuel > .05% Sulfur
470 No. 2 Fuel Oil
471 No. 4 Fuel
501 Residual Fuel Oil ≤ 1% Sulfur
510 Residual Fuel Oil > 1% Sulfur
624 Propane, Consumer Grade

Sample Importation File

The following sample file contains data for respondent 0000001111 for the month of October 2002 (1002). As shown, the file may contain data for multiple respondents and multiple months. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

```
78200000011111002MDPPSAOTH153    22221110
78200000011111002MDPPSADTW153    3333 888
78200000011111002MDPPSARES468   444441100
78200000011111002MDPPSACOM468    55550777
78200000011111002MDPPSAIND468    66661120
78200000011111002VAPPSAOUT468     8001170
78200000011111002VAPPSAOTH468    15001100
78200000011111002VAPPSAWSL468    30001250
78200000011111002MDPPSAWSL468    15001200
78200000011111002MDPPSAWSL469     7001000
78200000011111002MDPPSARTL311    10001150
78200000011111002MDPPSAWSL311     5001080
78200000011111002MDPPSARTL111    3000 999
78200000011111002MDPPSAWSL111     7001180
78200000011111002MDPPSARTL213     4001170
78200000011111002VAPPSAWSL471    20001250
78200000011111002VAPPSARTL501    15001100
78200000011111002VAPPSAWSL510    30001350
78200000011111002VAPPSAPTR624     8001180
```

EIA-782B
Resellers'/Retailers' Monthly Petroleum Product Sales Report

File Format

COLUMN	DESCRIPTION
1-3	3-digit EIA survey number, always **782**
4-13	10-digit respondent ID number
14-15	2-digit month code, 01-12 (e.g., 06=June)
16-17	2-digit year code (e.g., 02=2002)
18-19	2-letter State code
20-23	4-character cell label, EIA-782A=PPSA, EIA-782B=PPSB
24-26	3-character sales code
27-29	3-digit product code
30-37	8-digit sales volume in 1000 gallons
38-41	4-digit sales price in $0.000 per gallon

Cell Labels

Code	Description
DTW	Dealer Tank Wagon
RAC	Rack
BLK	Bulk
RES	Residential
COM	Commercial/Institutional
IND	Industrial
OUT	Company-Operated Outlets
OTH	Other End-Users
PTR	Petrochemical
RLT	Retail
WSL	Wholesale

Product Codes

Code	Description
153	Reformulated Regular Motor Gasoline
154	Reformulated Midgrade Motor Gasoline
155	Reformulated Premium Motor Gasoline
156	Oxygenated Regular Motor Gasoline
157	Oxygenated Midgrade Motor Gasoline
158	Oxygenated Premium Motor Gasoline
159	Conventional Regular Motor Gasoline
160	Conventional Midgrade Motor Gasoline
161	Conventional Premium Motor Gasoline
468	No. 2 Diesel Fuel ≤ .05% Sulfur
469	No. 2 Diesel Fuel > .05% Sulfur
470	No. 2 Fuel Oil
501	Residual Fuel Oil ≤ 1% Sulfur
510	Residual Fuel Oil > 1% Sulfur

624 Propane, Consumer Grade

Sample Importation File

The following sample file contains data for respondent 0000001111 for the month of October 2002 (1002). As shown, the file may contain data for multiple respondents and multiple months. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

```
78200000011111002MDPPSBDTW153    2222 110
78200000011111002MDPPSBRES468    3333 888
78200000011111002MDPPSBCOM46814445544 100
78200000011111002MDPPSBIND468    5555 777
78200000011111002VAPPSBOUT468    6666 120
78200000011111002VAPPSBWSL468     800 170
78200000011111002MDPPSBOUT15515681500 950
78200000011111002MDPPSBOTH155    3000 250
78200000011111002MDPPSBRAC155    1508 200
78200000011111002MDPPSBWSL501     700 800
78200000011111002MDPPSBRTL501    1000 150
78200000011111002MDPPSBWSL510     500 080
78200000011111002MDPPSBRTL510    3007 999
78200000011111002VAPPSBWSL50126580200 180
78200000011111002VAPPSBRTL501     400 170
78200000011111002VAPPSBWSL510    2003 250
78200000011111002VAPPSBRTL510    1500 880
78200000011111002VAPPSBWSL510    3000 350
78200000011111002VAPPSBPTR624     889 180
```

EIA-782C
Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption

File Format

COLUMN	DESCRIPTION
1-3	3-digit EIA survey number, always **782**
4-13	10-digit respondent ID number
14-15	2-digit month code, 01-12 (e.g., 06=June)
16-17	2-digit year code (e.g., 02=2002)
18-19	2-letter State code
20-26	4-character cell label, (always PRSC) followed by 3 blanks
27-29	3-digit product code
30-37	8-digit actual sales in thousands of gallons

Cell Labels

PPSC Petroleum Products Sold into States for Consumption

Product Codes

Code	Description
111	Aviation Gasoline (Finished)
153	Reformulated Regular Motor Gasoline
154	Reformulated Midgrade Motor Gasoline
155	Reformulated Premium Motor Gasoline
156	Oxygenated Regular Motor Gasoline
157	Oxygenated Midgrade Motor Gasoline
158	Oxygenated Premium Motor Gasoline
159	Conventional Regular Motor Gasoline
160	Conventional Midgrade Motor Gasoline
161	Conventional Premium Motor Gasoline
211	Naphtha-Type Jet Fuel
213	Kerosene-Type Jet Fuel
311	Kerosene
467	No. 1 Distillate
468	No. 2 Diesel Fuel ≤ .05% Sulfur
469	No. 2 Diesel Fuel > .05% Sulfur
470	No. 2 Fuel Oil
471	No. 4 Fuel
501	Residual Fuel Oil ≤ 1% Sulfur
510	Residual Fuel Oil > 1% Sulfur
624	Propane, Consumer Grade

Sample Importation File

The following sample file contains data for respondent 0000001111 for the month of October 2002 (1002). As shown, the file may contain data for multiple respondents and multiple months. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

78200000011111002MDPPSC 15311221200
78200000011111002MDPPSC 15410501100
78200000011111002MDPPSC 15520001500
78200000011111002MDPPSC 15611001000
78200000011111002MDPPSC 157 500000
78200000011111002MDPPSC 311 2000200
78200000011111002VAPPSC 111 8001700
78200000011111002VAPPSC 213 1501000
78200000011111002VAPPSC 21130002500
78200000011111002TNPPSC 15315002000
78200000011111002TNPPSC 15470354800
78200000011111002TNPPSC 15510015009
78200000011111002TNPPSC 15621445008
78200000011111002TNPPSC 157 30008
78200000011111002TXPPSC 311 7002
78200000011111002TXPPSC 111 4008
78200000011111002TXPPSC 213 20001
78200000011111002TXPPSC 211 15000
78200000011111002TXPPSC 501 30006
78200000011111002TXPPSC 510 8005

EIA-800
Weekly Refinery Report

Edit Criteria

Listed below are the Edit Criteria for the EIA-800.

survey	rule_code	error_message
800	AND	Company Name cannot be blank.
800	ADA	Address line cannot be blank.
800	ADC	City cannot be blank.
800	ADS	State cannot be blank.
800	ADS	Invalid State Code.
800	AND	Zip cannot be blank.
800	CIR	Crude Inputs Range Error. Crude Inputs (050) should be within 10% of gross inputs.
800	CIZ	Zero Error: Crude Inputs (050) is non-zero and Gross Inputs (990) is zero.
800	TIZ	Zero Error. The sum of refinery Net Production for all products is negative and Total Inputs (001) are non- zero.
800	GIR	Gross Inputs Range Error. Gross Inputs (990) should be between 50% and 110% of Total Inputs (001).
800	GIZ	Zero Error: Gross Inputs (990) is non-zero when Total Inputs (001) is zero.
800	TQE	Subtotal Error. Total Net Kerosene-Type Jet Fuel Production (213) should equal the sum of Commercial (217) and Military (218) Production.
800	TPR	Total Production of all products is inconsistent with Total Inputs.
800	TPZ	Zero Error: The sum of Refinery Net Production for all products is non-zero when Total Inputs (001) is zero.
800	CGZ	Zero Error: Crude Inputs (050) are zero when Gross Inputs (990) are non-zero.

File Format

The Import Data option of the Survey Utilities Menu imports data from an ASCII (text) file to the PEDRO database for the EIA-800 Survey.

COLUMN	DESCRIPTION
1-3	3-digit EIA form number: **800**
4-13	10-digit respondent ID number
14-15	2-digit month code, 01-12 (06=June, etc.)
16-17	2-digit year code (02=2002, etc.)
18-19	2-digit day code 1-31 (10=tenth, etc.)
20-26	4-character cell label followed by 3 blanks
27-29	3-digit product code
30-34	5-digit quantity in thousands of barrels

Cell Labels

Refinery Activity

INPT	Input
NPRO	Net Production
ESTO	Stocks

Product Codes

Crude Oil

050	Crude Oil

Unfinished Oils

812	Unfinished Oils

Inputs

001	Total Inputs
990	Gross Input to Atmospheric Crude Oil Distillation Units

Motor Gasoline Blending Components

122	Reformulated Blendstock for Oxygenate Blending (RBOB) for Blending with Ether
123	Reformulated Blendstock for Oxygenate Blending (RBOB) for Blending with Alcohol
139	Conventional Blendstock for Oxygenate Blending (CBOB)

Gasoline Treated as Blendstock (GTAB)

120	Reformulated
121	Conventional
138	All Other Motor Gasoline Blending Components

Jet Fuel

213	Kerosene-Type, Total
217	Commercial
218	Military

Distillate Fuel Oil

465	15 ppm sulfur and under
466	Greater than 15 ppm sulfur to 500 ppm sulfur (incl.)
467	Greater than 500 ppm sulfur

Residual Fuel Oil

511	Residual Fuel Oil

Propane/Propylene

622	Propane/Propylene

Finished Motor Gasoline

124	Reformulated (Blended with Ether)
125	Reformulated (Blended with Alcohol)
126	Reformulated (Non-Oxygenated)
128	Conventional (Blended with Alcohol)
130	Conventional (Other)

Sample Importation File

The following sample file contains data for respondent 0000000800 for the week of January 02, 2004 (010402). As shown, the file may contain data for multiple respondents and multiple weeks. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

```
8000000000800010402ESTO   21331
8000000000800010402ESTO   46535
8000000000800010402ESTO   46637
8000000000800010402ESTO   46739
8000000000800010402ESTO   51141
8000000000800010402ESTO   0502
8000000000800010402ESTO   8123
8000000000800010402ESTO   1227
8000000000800010402ESTO   1239
8000000000800010402ESTO   13911
8000000000800010402ESTO   12013
8000000000800010402ESTO   12115
8000000000800010402ESTO   13817
8000000000800010402ESTO   62219
8000000000800010402ESTO   12421
8000000000800010402ESTO   12523
8000000000800010402ESTO   12625
8000000000800010402ESTO   12827
8000000000800010402ESTO   13029
8000000000800010402INPT   0501
8000000000800010402INPT   0014
8000000000800010402INPT   9905
8000000000800010402INPT   1226
8000000000800010402INPT   1238
8000000000800010402INPT   13910
8000000000800010402INPT   12012
8000000000800010402INPT   12114
8000000000800010402INPT   13816
8000000000800010402NPRO   21330
8000000000800010402NPRO   21732
8000000000800010402NPRO   21833
8000000000800010402NPRO   46534
8000000000800010402NPRO   46636
8000000000800010402NPRO   46738
8000000000800010402NPRO   51140
8000000000800010402NPRO   62218
8000000000800010402NPRO   12420
8000000000800010402NPRO   12522
8000000000800010402NPRO   12624
8000000000800010402NPRO   12826
8000000000800010402NPRO   13028
```

EIA-801
Weekly Bulk Terminal Report

Edit Criteria

Listed below are the Edit Criteria for the EIA-801.

survey	rule_code	error_message
801	AND	Company Name cannot be blank.
801	ADA	Address line cannot be blank.
801	ADC	City cannot be blank.
801	ADS	State cannot be blank.
801	ADS	Invalid State Code.
801	AND	Zip cannot be blank.
801	TCS	Line Imbalance. The U.S. Total (999) for Reformulated Motor Gasoline (150) must equal the sum of the PADD values.
801	TCS	Line Imbalance. The U.S. Total (999) for Oxygenated Motor Gasoline (151) must equal the sum of the PADD values.
801	TCS	Line Imbalance. The U.S. Total (999) for Other Finished Motor Gasoline (152) must equal the sum of the PADD values.
801	TCS	Line Imbalance. The U.S. Total (999) for Blending Components (134) must equal the sum of the PADD values.
801	TCS	Line Imbalance. The U.S. Total (999) for Naphtha-Type Jet Fuel (211) must equal the sum of the PADD values.
801	TCS	Line Imbalance. The U.S. Total (999) for Kerosene-Type Jet Fuel (213) must equal the sum of the PADD values.
801	TCS	Line Imbalance. The U.S. Total (999) for Low Sulfur Distillate Fuel Oil (461) must equal the sum of the PADD values.
801	TCS	Line Imbalance. The U.S. Total (999) for High Sulfur Distillate Fuel Oil (462) must equal the sum of the PADD values.
801	TCS	Line Imbalance. The U.S. Total (999) for Residual Fuel Oil (511) must equal the sum of the PADD values.

File Format

The Import Data option of the Survey Utilities Menu imports data from an ASCII (text) file to the PEDRO database for the EIA-801 Survey.

COLUMN	DESCRIPTION
1-3	3-digit EIA form number: **801**
4-13	10-digit respondent ID number
14-15	2-digit month code, 01-12 (06=June, etc.)
16-17	2-digit year code (02=2002, etc.)
18-19	2-digit day code 1-31 (10 = tenth, etc.)
20-26	7-character cell label
27-29	3-digit product code
30-34	5-digit quantity in thousands of barrels

Cell Labels

ESTO110	Stocks of Products in PADD 1A
ESTO120	Stocks of Products in PADD 1B
ESTO130	Stocks of Products in PADD 1C
ESTO200	Stocks of Products in PADD 2
ESTO300	Stocks of Products in PADD 3
ESTO400	Stocks of Products in PADD 4
ESTO500	Stocks of Products in PADD 5
ESTO999	Total Stocks of Product
VOLU999	Total Volume of 15 ppm sulfur and under diesel fuel downgraded during week (thousand barrels)

Product Codes

Propane/Propylene

231	Propane/Propylene
624	Propylene (Nonfuel Use)

Finished Motor Gasoline

124	Reformulated (Blended with Ether)
125	Reformulated (Blended with Alcohol)
126	Reformulated (Non-Oxygenated)
128	Conventional (Blended with Alcohol)
130	Conventional (Other)

Motor Gasoline Blending Components

122	Reformulated Blendstock for Oxygenate Blending (RBOB) for Blending with Ether
123	Reformulated Blendstock for Oxygenate Blending (RBOB) for Blending with Alcohol
139	Conventional Blendstock for Oxygenate Blending (CBOB)

Gasoline Treated as Blendstock (GTAB)

120	Reformulated
121	Conventional
138	All Other Motor Gasoline Blending Components

Jet Fuel
213 Kerosene-Type, Total

Distillate Fuel Oil
465 15 ppm sulfur and under
466 Greater than 15 ppm to 500 ppm sulfur (incl.)
467 Greater than 500 ppm sulfur

Residual Fuel Oil
511 Residual Fuel Oil

Diesel Fuel Oil
466 Volume of 15 ppm sulfur and under diesel fuel downgraded during week (thousand barrels)

Sample Importation File

The following sample file contains data for respondent 0000000801 for the week of January 2, 2004 (010402). As shown, the file may contain data for multiple respondents and multiple weeks. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

```
8010000000801010402ESTO1101248
8010000000801010402ESTO1102311
8010000000801010402ESTO1202312
8010000000801010402ESTO1302313
8010000000801010402ESTO2002314
8010000000801010402ESTO3002315
8010000000801010402ESTO4002316
8010000000801010402ESTO5002317
8010000000801010402ESTO9992318
8010000000801010402ESTO1106249
8010000000801010402ESTO1206241
8010000000801010402ESTO1306242
8010000000801010402ESTO2006243
8010000000801010402ESTO3006244
8010000000801010402ESTO4006245
8010000000801010402ESTO5006246
8010000000801010402ESTO9996247
8010000000801010402ESTO1201249
8010000000801010402ESTO1301241
8010000000801010402ESTO2001242
8010000000801010402ESTO3001243
8010000000801010402ESTO4001244
8010000000801010402ESTO5001245
8010000000801010402ESTO9991246
8010000000801010402ESTO1101257
8010000000801010402ESTO1201258
8010000000801010402ESTO1301259
8010000000801010402ESTO2001251
8010000000801010402ESTO3001252
8010000000801010402ESTO4001253
8010000000801010402ESTO5001254
8010000000801010402ESTO9991255
8010000000801010402ESTO1101266
8010000000801010402ESTO1201267
8010000000801010402ESTO1301268
8010000000801010402ESTO2001269
8010000000801010402ESTO3001261
8010000000801010402ESTO4001262
8010000000801010402ESTO5001263
8010000000801010402ESTO9991264
8010000000801010402ESTO1101285
8010000000801010402ESTO1201286
8010000000801010402ESTO1301287
8010000000801010402ESTO2001288
8010000000801010402ESTO3001289
8010000000801010402ESTO4001281
8010000000801010402ESTO5001282
8010000000801010402ESTO9991283
8010000000801010402ESTO1101304
8010000000801010402ESTO1201305
8010000000801010402ESTO1301306
8010000000801010402ESTO2001307
8010000000801010402ESTO3001308
8010000000801010402ESTO4001309
8010000000801010402ESTO5001301
8010000000801010402ESTO9991302
8010000000801010402ESTO1101223
8010000000801010402ESTO1201224
8010000000801010402ESTO1301225
8010000000801010402ESTO2001226
8010000000801010402ESTO3001227
8010000000801010402ESTO4001228
8010000000801010402ESTO5001229
8010000000801010402ESTO9991221
8010000000801010402ESTO1101232
8010000000801010402ESTO1201233
8010000000801010402ESTO1301234
8010000000801010402ESTO2001235
```

```
80100000000801010402ESTO3001236
80100000000801010402ESTO4001237
80100000000801010402ESTO5001238
80100000000801010402ESTO9991239
80100000000801010402ESTO1101391
80100000000801010402ESTO1201392
80100000000801010402ESTO1301393
80100000000801010402ESTO2001394
80100000000801010402ESTO3001395
80100000000801010402ESTO4001396
80100000000801010402ESTO5001397
80100000000801010402ESTO9991398
80100000000801010402ESTO1101209
80100000000801010402ESTO1201201
80100000000801010402ESTO1301202
80100000000801010402ESTO2001203
80100000000801010402ESTO3001204
80100000000801010402ESTO4001205
80100000000801010402ESTO5001206
80100000000801010402ESTO9991207
80100000000801010402ESTO1101218
80100000000801010402ESTO1201219
80100000000801010402ESTO1301211
80100000000801010402ESTO2001212
80100000000801010402ESTO3001213
80100000000801010402ESTO4001214
80100000000801010402ESTO5001215
80100000000801010402ESTO9991216
80100000000801010402ESTO1101387
80100000000801010402ESTO1201388
80100000000801010402ESTO1301389
80100000000801010402ESTO2001381
80100000000801010402ESTO3001382
80100000000801010402ESTO4001383
80100000000801010402ESTO5001384
80100000000801010402ESTO9991385
80100000000801010402ESTO1102136
80100000000801010402ESTO1202137
80100000000801010402ESTO1302138
80100000000801010402ESTO2002139
80100000000801010402ESTO3002131
80100000000801010402ESTO4002132
80100000000801010402ESTO5002133
80100000000801010402ESTO9992134
80100000000801010402ESTO1104655
80100000000801010402ESTO1204656
80100000000801010402ESTO1304657
80100000000801010402ESTO2004658
80100000000801010402ESTO3004659
80100000000801010402ESTO4004651
80100000000801010402ESTO5004652
80100000000801010402ESTO9994653
80100000000801010402ESTO1104664
80100000000801010402ESTO1204665
80100000000801010402ESTO1304666
80100000000801010402ESTO2004667
80100000000801010402ESTO3004668
80100000000801010402ESTO4004669
80100000000801010402ESTO5004661
80100000000801010402ESTO9994662
80100000000801010402ESTO1104673
80100000000801010402ESTO1204674
80100000000801010402ESTO1304675
80100000000801010402ESTO2004676
80100000000801010402ESTO3004677
80100000000801010402ESTO4004678
80100000000801010402ESTO5004679
80100000000801010402ESTO9994671
80100000000801010402ESTO1105112
80100000000801010402ESTO1205113
80100000000801010402ESTO1305114
80100000000801010402ESTO2005115
80100000000801010402ESTO3005116
80100000000801010402ESTO4005117
80100000000801010402ESTO5005118
80100000000801010402ESTO9995119
80100000000801010402VOLU9994664661
```

EIA-802
Weekly Product Pipeline Report

Edit Criteria

Listed below are the Edit Criteria for the EIA-802.

survey	rule_code	error_message
802	AND	Company Name cannot be blank.
802	ADA	Address line cannot be blank.
802	ADC	City cannot be blank.
802	ADS	State cannot be blank.
802	ADS	Invalid State Code.
802	AND	Zip cannot be blank.
802	TCS	Line Imbalance. The U.S. Total (999) for Reformulated Motor Gasoline (150) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Oxygenated Motor Gasoline (151) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Other Finished Motor Gasoline (152) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Blending Components (134) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Naphtha-Type Jet Fuel (211) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Kerosene-Type Jet Fuel (213) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Low Sulfur Distillate Fuel Oil (461) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for High Sulfur Distillate Fuel Oil (462) must equal the sum of the PADD values.

File Format

The Import Data option of the Survey Utilities Menu imports data from an ASCII (text) file to the PEDRO database for the EIA-802 Survey.

COLUMN	DESCRIPTION
1-3	3-digit EIA form number: **802**
4-13	10-digit respondent ID number
14-15	2-digit month code, 01-12 (06=June, etc.)
16-17	2-digit year code (02=2002, etc.)
18-19	2-digit day code 1-31(10 = tenth, etc.)
20-26	7-character cell label
27-29	3-digit product code
30-35	6-digit quantity in thousands of barrels

Cell Labels

ESTO110	Stocks of Products in PADD 1A
ESTO120	Stocks of Products in PADD 1B
ESTO130	Stocks of Products in PADD 1C
ESTO200	Stocks of Products in PADD 2
ESTO300	Stocks of Products in PADD 3
ESTO400	Stocks of Products in PADD 4
ESTO500	Stocks of Products in PADD 5
ESTO999	Total Stocks of Product
VOLU999	Total Volume of 15 ppm sulfur and under diesel fuel downgraded during week (thousand barrels)

Product Codes

Propane/Propylene

231	Propane/Propylene

Finished Motor Gasoline

124	Reformulated (Blended with Ether)
125	Reformulated (Blended with Alcohol)
126	Reformulated (Non-Oxygenated)
128	Conventional (Blended with Alcohol)
130	Conventional (Other)

Motor Gasoline Blending Components

122	Reformulated Blendstock for Oxygenate Blending (RBOB) for Blending with Ether
123	Reformulated Blendstock for Oxygenate Blending (RBOB) for Blending with Alcohol
139	Conventional Blendstock for Oxygenate Blending (CBOB)

Gasoline Treated as Blendstock (GTAB)

120	Reformulated
121	Conventional
138	All Other Motor Gasoline Blending Components

Jet Fuel

213	Kerosene-Type, Total

Distillate Fuel Oil

465	15 ppm sulfur and under
466	Greater than 15 ppm sulfur to 500 ppm sulfur (incl.)
467	Greater than 500 ppm

Diesel Fuel Oil

466	Total Volume of 15 ppm sulfur and under diesel fuel downgraded during week (thousand barrels)

Sample Importation File

The following sample file contains data for respondent **0000000802** for the week of **January 2, 2004 (010402)**. As shown, the file may contain data for multiple respondents and multiple weeks. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

```
8020000000802010402ESTO1204678
8020000000802010402ESTO1302314
8020000000802010402ESTO1301244
8020000000802010402ESTO1301254
8020000000802010402ESTO1301263
8020000000802010402ESTO1301282
8020000000802010402ESTO1301301
8020000000802010402ESTO1301229
8020000000802010402ESTO1301238
8020000000802010402ESTO1102311
8020000000802010402ESTO1101242
8020000000802010402ESTO1101252
8020000000802010402ESTO1101261
8020000000802010402ESTO1101289
8020000000802010402ESTO1101308
8020000000802010402ESTO1101227
8020000000802010402ESTO1101236
8020000000802010402ESTO1101395
8020000000802010402ESTO1101204
8020000000802010402ESTO1101213
8020000000802010402ESTO1101382
8020000000802010402ESTO1102131
8020000000802010402ESTO1104659
8020000000802010402ESTO1104668
8020000000802010402ESTO1104677
8020000000802010402ESTO12023123
8020000000802010402ESTO1201243
8020000000802010402ESTO1201253
8020000000802010402ESTO1201262
8020000000802010402ESTO1201281
8020000000802010402ESTO1201309
8020000000802010402ESTO1201228
8020000000802010402ESTO1201237
8020000000802010402ESTO1201396
8020000000802010402ESTO1201205
8020000000802010402ESTO1201214
8020000000802010402ESTO1201383
8020000000802010402ESTO1202132
8020000000802010402ESTO1204651
8020000000802010402ESTO1204669
8020000000802010402ESTO1301397
8020000000802010402ESTO1301206
8020000000802010402ESTO1301215
8020000000802010402ESTO1301384
8020000000802010402ESTO1302133
8020000000802010402ESTO1304652
8020000000802010402ESTO1304661
8020000000802010402ESTO1304679
8020000000802010402ESTO2002315
8020000000802010402ESTO2001245
8020000000802010402ESTO2001255
8020000000802010402ESTO2001264
8020000000802010402ESTO2001283
8020000000802010402ESTO2001302
8020000000802010402ESTO2001221
8020000000802010402ESTO2001239
8020000000802010402ESTO2001398
8020000000802010402ESTO2001207
8020000000802010402ESTO2001216
8020000000802010402ESTO2001385
8020000000802010402ESTO2002134
8020000000802010402ESTO2004653
8020000000802010402ESTO2004662
8020000000802010402ESTO2004671
8020000000802010402ESTO3002316
8020000000802010402ESTO3001246
8020000000802010402ESTO3001256
8020000000802010402ESTO3001265
8020000000802010402ESTO3001284
8020000000802010402ESTO3001303
8020000000802010402ESTO3001222
8020000000802010402ESTO3001231
8020000000802010402ESTO3001399
8020000000802010402ESTO3001208
8020000000802010402ESTO3001217
8020000000802010402ESTO3001386
8020000000802010402ESTO3002135
8020000000802010402ESTO3004654
8020000000802010402ESTO3004663
8020000000802010402ESTO3004672
8020000000802010402ESTO4002317
8020000000802010402ESTO4001247
8020000000802010402ESTO4001257
8020000000802010402ESTO4001266
```

```
80200000000802010402ESTO4001285
80200000000802010402ESTO4001304
80200000000802010402ESTO4001223
80200000000802010402ESTO4001232
80200000000802010402ESTO4001391
80200000000802010402ESTO4001209
80200000000802010402ESTO4001218
80200000000802010402ESTO4001387
80200000000802010402ESTO4002136
80200000000802010402ESTO4004655
80200000000802010402ESTO4004664
80200000000802010402ESTO4004673
80200000000802010402ESTO5002318
80200000000802010402ESTO5001248
80200000000802010402ESTO5001258
80200000000802010402ESTO5001267
80200000000802010402ESTO5001286
80200000000802010402ESTO5001305
80200000000802010402ESTO5001224
80200000000802010402ESTO5001233
80200000000802010402ESTO5001392
80200000000802010402ESTO5001201
80200000000802010402ESTO5001219
80200000000802010402ESTO5001388
80200000000802010402ESTO5002137
80200000000802010402ESTO5004656
80200000000802010402ESTO5004665
80200000000802010402ESTO5004674
80200000000802010402ESTO99923191
80200000000802010402ESTO99912491
80200000000802010402ESTO9991259
80200000000802010402ESTO9991268
80200000000802010402ESTO9991287
80200000000802010402ESTO9991306
80200000000802010402ESTO9991225
80200000000802010402ESTO9991234
80200000000802010402ESTO9991393
80200000000802010402ESTO9991202
80200000000802010402ESTO9991211
80200000000802010402ESTO9991389
80200000000802010402ESTO9992138
80200000000802010402ESTO9994657
80200000000802010402ESTO9994666
80200000000802010402ESTO9994675
80200000000802010402VOLU9994664661
```

EIA-803
Weekly Crude Oil Stocks Report

Edit Criteria

Listed below are the Edit Criteria for the EIA-803.

survey	rule_cod	eerror_message
803	AND	Company Name cannot be blank.
803	ADA	Address line cannot be blank.
803	ADC	City cannot be blank.
803	ADS	State cannot be blank.
803	ADS	Invalid State Code.
803	AND	Zip cannot be blank.
803	TCS	Line Imbalance. The U.S. Total (999) for Crude Oil (050) must equal the sum of the PADD values.

File Format

The Import Data option of the Survey Utilities Menu imports data from an ASCII (text) file to the PEDRO database for the EIA-803 Survey.

COLUMN	DESCRIPTION
1-3	3-digit EIA form number: **803**
4-13	10-digit respondent ID number
14-15	2-digit month code, 01-12 (06=June, etc.)
16-17	2-digit year code (02=2002, etc.)
18-19	2-digit day 1-31 (10 = tenth, etc.)
20-26	7-character cell label
27-29	3-digit product code
30-35	6-digit quantity in thousands of barrels

Cell Labels

ESTO100	Stocks of Products in PADD 1
ESTO200	Stocks of Products in PADD 2
ESTO300	Stocks of Products in PADD 3
ESTO400	Stocks of Products in PADD 4
ESTO500	Stocks of Products in PADD 5
ESTO999	Total Stocks of Product

Product Codes

Crude Oil	
050	Crude Oil

092 Alaskan Crude Oil in Transit by Water
093 Cushing, Oklahoma

Sample Importation File

The following sample file contains data for respondent **0000000803** for the week of **January 3, 2004 (010402)**. As shown, the file may contain data for multiple respondents and multiple weeks. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

```
8030000000803010402ESTO1000501
8030000000803010402ESTO2000502
8030000000803010402ESTO3000503
8030000000803010402ESTO4000504
8030000000803010402ESTO5000505
8030000000803010402ESTO9990506
8030000000803010402ESTO2000937
8030000000803010402ESTO9990928
```

EIA-804
Weekly Imports Report

Edit Criteria

The following are the Edit Criteria for the EIA-804.

survey	rule_code	error_message
804	AND	Company Name cannot be blank.
804	ADA	Address line cannot be blank.
804	ADC	City cannot be blank.
804	ADS	State cannot be blank.
804	ADS	Invalid State code.
804	AND	Zip cannot be blank.
804	TCS	Line Imbalance. The U.S. Total (999) for Crude Oil (020) must equal the sum of the PADD values.
804	TCS	Canadian Crude Oil (CCO) for PADD 1x (110) must be less than or equal to the reported value for Crude Imports (020) in the same PADD.
804	TCS	Canadian Crude Oil (CCO) for PADD 1y (120) must be less than or equal to the reported value for Crude Imports (020) in the same PADD.
804	TCS	Canadian Crude Oil (CCO) for PADD 1z (130) must be less than or equal to the reported value for Crude Imports (020) in the same PADD.
804	TCS	Canadian Crude Oil (CCO) for PADD 2 (200) must be less than or equal to the reported value for Crude Imports (020) in the same PADD.
804	TCS	Canadian Crude Oil (CCO) for PADD 3 (300) must be less than or equal to the reported value for Crude Imports (020) in the same PADD.
804	TCS	Canadian Crude Oil (CCO) for PADD 4 (400) must be less than or equal to the reported value for Crude Imports (020) in the same PADD.
804	TCS	Canadian Crude Oil (CCO) for PADD 5 (500) must be less than or equal to the reported value for Crude Imports (020) in the same PADD.
804	TCS	Line Imbalance. The U.S. Total (999) for Canadian Crude Oil (CCO) must equal the sum of the PADD values.
804	TCS	Line Imbalance. The U.S. Total (999) for Reformulated Motor Gasoline (150) must equal the sum of the PADD values.
804	TCS	Line Imbalance. The U.S. Total (999) for Oxygenated Motor Gasoline (151) must equal the sum of the PADD values.
804	TCS	Line Imbalance. The U.S. Total (999) for Other Finished Motor Gasoline (152) must equal the sum of the PADD values.

804	TCS	Line Imbalance. The U.S. Total (999) for Blending Components (134) must equal the sum of the PADD values.
804	TCS	Line Imbalance. The U.S. Total (999) for Naphtha-Type Jet Fuel (211) must equal the sum of the PADD values.
804	TCS	Line Imbalance. The U.S. Total (999) for Kerosene-Type Jet Fuel (213) must equal the sum of the PADD values.
804	TCS	Line Imbalance. The U.S. Total (999) for Low Sulfur Distillate Fuel Oil (461) must equal the sum of the PADD values.
804	TCS	Line Imbalance. The U.S. Total (999) for High Sulfur Distillate Fuel Oil (462) must equal the sum of the PADD values.
804	TCS	Line Imbalance. The U.S. Total (999) for Residual Fuel Oil (511) must equal the sum of the PADD values.
804	TCS	Line Imbalance. The U.S. Total (999) for Liquefied Petroleum Gases (230) must equal the sum of the PADD values.
804	TCS	Line Imbalance. The U.S. Total (999) for Other Petroleum Imports (666) must equal the sum of the PADD values.
804	TCS	Total Imbalance. The U.S. Total (999) Imports Activity for Crude Oil (020) must equal the sum of Crude Oil Imports by Country of Origin.
804	TCS	Total Imbalance. The U.S. Total (999) for Canadian Crude Oil (CCO) Imports Activity must equal the Imports by Country of Origin for Canada (260).
804	TCS	Unfinished Oils (UFO) for PADD 1x (110) must be less than or equal to the reported value for Other Petroleum Imports (666) in the same PADD.
804	TCS	Unfinished Oils (UFO) for PADD 1y (120) must be less than or equal to the reported value for Other Petroleum Imports (666) in the same PADD.
804	TCS	Unfinished Oils (UFO) for PADD 1z (130) must be less than or equal to the reported value for Other Petroleum Imports (666) in the same PADD.
804	TCS	Unfinished Oils (UFO) for PADD 2 (200) must be less than or equal to the reported value for Other Petroleum Imports (666) in the same PADD.
804	TCS	Unfinished Oils (UFO) for PADD 3 (300) must be less than or equal to the reported value for Other Petroleum Imports (666) in the same PADD.
804	TCS	Unfinished Oils (UFO) for PADD 4 (400) must be less than or equal to the reported value for Other Petroleum Imports (666) in the same PADD.
804	TCS	Unfinished Oils (UFO) for PADD 5 (500) must be less than or equal to the reported value for Other Petroleum Imports (666) in the same PADD.
804	TCS	Line Imbalance. The U.S. Total (999) for Unfinished Oils (UFO) must equal the sum of the PADD values.

File Format

The Import Data option of the Survey Utilities Menu imports data from an ASCII (text) file to the PEDRO database for the EIA-804 Survey.

COLUMN	DESCRIPTION
1-3	3-digit EIA form number: **804**
4-13	10-digit respondent ID number
14-15	2-digit month code: 01-12 (06=June, etc.)
16-17	2-digit year code (02=2002, etc.)
18-19	2-digit day code 1-31 (10 = tenth, etc.)
20-26	7-character cell label
27-29	3 character product code
30-34	5-digit quantity in thousands of barrels

Cell Labels

IMPO110	Imports of Products into PADD 1A
IMPO120	Imports of Products into PADD 1B
IMPO130	Imports of Products into PADD 1C
IMPO200	Imports of Products into PADD 2
IMPO300	Imports of Products into PADD 3
IMPO400	Imports of Products into PADD 4
IMPO500	Imports of Products into PADD 5
IMPO999	Total Imports for a Product
IMPC125	Imports from Algeria
IMPC145	Imports from Angola
IMPC150	Imports from Argentina
IMPC260	Imports from Canada
IMPC280	Imports from China, P.R.
IMPC285	Colombia
IMPC325	Imports from Ecuador
IMPC388	Imports from Gabon
IMPC458	Imports from Indonesia
IMPC460	Imports from Iran
IMPC465	Imports from Iraq
IMPC520	Imports from Kuwait
IMPC550	Imports from Libya
IMPC595	Imports from Mexico
IMPC670	Imports from Nigeria
IMPC685	Imports from Norway
IMPC747	Imports from Qatar
IMPC805	Imports from Russia
IMPC785	Imports from Saudi Arabia
IMPC887	Imports from Trinidad
IMPC910	Imports from U.A.E.
IMPC925	Imports from United Kingdom
IMPC940	Imports from Venezuela
IMPC777	Imports from Other Countries

Product Codes

Crude Oil
020 Crude Oil

Finished Motor Gasoline
124 Reformulated (Blended with Ether)
125 Reformulated (Blended with Alcohol)
126 Reformulated (Non-Oxygenated)
128 Conventional (Blended with Alcohol)
130 Conventional (Other)

Motor Gasoline Blending Components
122 Reformulated Blendstock for Oxygenate Blending (RBOB) for Blending with Ether
123 Reformulated Blendstock for Oxygenate Blending (RBOB) for Blending with Alcohol
139 Conventional Blendstock for Oxygenate Blending (CBOB)

Gasoline Treated as Blendstock (GTAB)
120 Reformulated
121 Conventional
138 All Other Motor Gasoline Blending Components

Jet Fuel
213 Kerosene-Type, Total

Distillate Fuel Oil
465 15 ppm sulfur and under
466 Greater than 15 ppm to 500 ppm sulfur (incl.)
467 Greater than 500 ppm to 2000 ppm sulfur (incl.)
468 Greater than 2000 ppm sulfur

Residual Fuel Oil
511 Residual Fuel Oil

Liquefied Petroleum Gases
230 Liquefied Petroleum Gases
231 Propane/Propylene

Other Petroleum Imports
666 Other Petroleum Imports

Products Reported to API
812 Unfinished Oils
260 Canadian Crude Oil

Sample Importation File

The following sample file contains data for respondent **0000000804** for the week of **January 2, 2004 (010402)**. As shown, the file may contain data for multiple respondents and multiple weeks. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first and this would not change the importation.

```
8040000000804010402IMPO4005112323
8040000000804010402IMPO4006668
8040000000804010402IMPO5000207
8040000000804010402IMPO50023023
8040000000804010402IMPO50023131
8040000000804010402IMPO5001242
8040000000804010402IMPO5001256
8040000000804010402IMPO5001264
8040000000804010402IMPO50012885
8040000000804010402IMPO5001306
8040000000804010402IMPO50012289
8040000000804010402IMPO50012365
8040000000804010402IMPO50013956
8040000000804010402IMPO5001208
8040000000804010402IMPO50012156
8040000000804010402IMPO5001387
8040000000804010402IMPO50021356
8040000000804010402IMPO5004657
8040000000804010402IMPO50046634
8040000000804010402IMPO50046787
8040000000804010402IMPO5004685
8040000000804010402IMPO500511767
8040000000804010402IMPO50066665
8040000000804010402IMPO9990208
8040000000804010402IMPO99923024
8040000000804010402IMPO99923132
8040000000804010402IMPO9991241
8040000000804010402IMPO9991257
8040000000804010402IMPO9991268
8040000000804010402IMPO99912846
8040000000804010402IMPO9991305
8040000000804010402IMPO9991228989
8040000000804010402IMPO99912365
8040000000804010402IMPO99913945
8040000000804010402IMPO9991208776
8040000000804010402IMPO9991216565
8040000000804010402IMPO9991385
8040000000804010402IMPO9992136587
8040000000804010402IMPO9994656
8040000000804010402IMPO9994664
8040000000804010402IMPO99946768
8040000000804010402IMPO999468232
8040000000804010402IMPO99951176
8040000000804010402IMPO999666685
8040000000804010402IMPO1102609
8040000000804010402IMPO1108126
8040000000804010402IMPO12026010
8040000000804010402IMPO12081276
8040000000804010402IMPO13026011
8040000000804010402IMPO13081265
8040000000804010402IMPO20026012
8040000000804010402IMPO20081274
8040000000804010402IMPO30026013
8040000000804010402IMPO30081276
8040000000804010402IMPO40026014
8040000000804010402IMPO40081286
8040000000804010402IMPO50026015
8040000000804010402IMPO5008126576
8040000000804010402IMPO99926016
8040000000804010402IMPO9998127
```

EIA-805
Weekly Terminal Blenders Report

Edit Criteria

Listed below are the Edit Criteria for the EIA-805.

survey	rule_code	error_message
804	AND	Company Name cannot be blank.
804	ADA	Address line cannot be blank.
804	ADC	City cannot be blank.
804	ADS	State cannot be blank.
804	ADS	Invalid State code.
804	AND	Zip cannot be blank.

File Format

The Import Data option of the Survey Utilities Menu imports data from an ASCII (text) file to the PEDRO database for the EIA-805 Survey.

COLUMN	DESCRIPTION
1-3	3-digit EIA form number: **805**
4-13	10-digit respondent ID number
14-15	2-digit month code, 01-12 (06=June, etc.)
16-17	2-digit year code (02=2002, etc.)
18-19	2-digit day code 1-31 (10 = tenth, etc.)
20-26	7-character cell label
27-29	3-digit product code
30-34	5-digit quantity in thousands of barrels

Cell Labels

INPT	Inputs
NPRO	Production

Product Codes

003	Input of Oxygenates, Liquefied Petroleum Gases, and Pentanes Plus

Finished Oxygenates, Gasoline

124	Reformulated (Blended with Ether)
125	Reformulated (Blended with Alcohol)
126	Reformulated (Non-Oxygenated)
128	Conventional (Blended with Alcohol)
130	Conventional (Other)

Motor Gasoline Blending Components

122	Reformulated Blendstock for Oxygenate Blending (RBOB) for Blending with Ether
123	Reformulated Blendstock for Oxygenate Blending (RBOB) for Blending with Alcohol
139	Conventional Blendstock for Oxygenate Blending (CBOB)

Gasoline Treated as Blendstock (GTAB)

120	Reformulated
121	Conventional
138	All Other Motor Gasoline Blending Components
999	Total

Sample Importation File

The following sample file contains data for respondent 0000000805 for the week of January 2, 2004 (010402). As shown, the file may contain data for multiple respondents and multiple weeks. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

```
8050000000805010402INPT   0031
8050000000805010402INPT   1242
8050000000805010402INPT   1254
8050000000805010402INPT   1266
8050000000805010402INPT   1288
8050000000805010402INPT   13010
8050000000805010402INPT   12212
8050000000805010402INPT   12314
8050000000805010402INPT   13916
8050000000805010402INPT   12018
8050000000805010402INPT   12119
8050000000805010402INPT   13820
8050000000805010402INPT   99922
8050000000805010402NPRO   1243
8050000000805010402NPRO   1255
8050000000805010402NPRO   1267
8050000000805010402NPRO   1289
8050000000805010402NPRO   13011
8050000000805010402NPRO   12213
8050000000805010402NPRO   12315
8050000000805010402NPRO   13917
8050000000805010402NPRO   13821
8050000000805010402NPRO   99923
```

EIA-810
Monthly Refinery Report

Edit Criteria

The following are the Edit Criteria for the EIA-810.

survey	rule_code	error_message
810	AND	Company Name cannot be blank.
810	ADA	Address line cannot be blank.
810	ADC	City cannot be blank.
810	ADS	State cannot be blank.
810	ADS	Invalid State code.
810	AND	Zip cannot be blank.
810	INC	Inputs to Dist. units (990) reported yet no Operable Capacity (401) reported.
810	I>T	Gross inputs greater than total inputs.
810	CU1	Crude Oil Capacity Utilization Rate (codes 990 and 401) is greater than 120%.
810	TQE	Total Error. (Codes 399 plus 400 should equal 401).
810	TQE	Subtotal Error. Receipts of Crude Oil (050) should equal the total of Domestic (010) and Foreign (020) Crude Oil.
810	P>T	Receipts of Alaskan Crude Oil (011) is greater than Domestic Crude Oil (010). The value for Alaskan Crude should be included in the Domestic Crude Oil value.
810	CLI	Line Imbalance. For Crude Oil (050), Ending Stocks should equal Beginning Stocks + Receipts - Inputs - Shipments - Use Loss.
810	CLI	Line Imbalance. For Ethane (110), Ending Stocks should equal Beginning Stocks + Receipts - Inputs - Shipments - Use Loss.
810	CLI	Line Imbalance. For Propane (231), Ending Stocks should equal Beginning Stocks + Receipts - Inputs - Shipments - Use Loss.
810	CLI	Line Imbalance. For Normal Butane (232), Ending Stocks should equal Beginning Stocks + Receipts - Inputs - Shipments - Use Loss.
810	CLI	Line Imbalance. For Isobutane (233), Ending Stocks should equal Beginning Stocks + Receipts - Inputs - Shipments - Use Loss.
810	CLI	Line Imbalance. For Pentanes Plus (220), Ending Stocks should equal Beginning Stocks + Receipts - Inputs - Shipments - Use Loss.
810	CLI	Line Imbalance. For Total Other Hydrocarbons (090), Ending Stocks should equal Beginning Stocks + Receipts - Inputs - Shipments - Use Loss.

810	CLI	Line Imbalance. For Total Unfinished Oils (812), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Reformulated Motor Gasoline (150), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Oxygenated Motor Gasoline (151), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Other Finished Gasoline (152), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Motor Gasoline Blending Components (134), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Finished Aviation Gasoline (111), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Aviation Gasoline Blending Components (112), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Special Naphthas (051), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Naphtha-Type Jet Fuel (211), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Total Kerosene-Type Jet Fuel (213), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Kerosene (311), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Total Distillate Fuel Oil (411), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Total Residual Fuel Oil (511), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Total Lubricants (854), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Asphalt and Road Oil (931), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Wax (070), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.

810	CLI	Line Imbalance. For Marketable Petroleum Coke (021), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Catalyst Petroleum Coke (022), Fuel Use and Losses should equal Production.
810	P>T	Part greater than total. Inputs of Ethylene (631) cannot exceed Inputs of Ethane (621).
810	P>T	Part greater than total. Production of Ethylene (631) cannot exceed Production of Ethane (621).
810	CLI	Line Imbalance. For Ethane (621), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	P>T	Part greater than total. Inputs of Propylene (632) cannot exceed Inputs of Propane (622).
810	P>T	Part greater than total. Production of Propylene (632) cannot exceed Production of Propane (622).
810	CLI	Line Imbalance. For Propane (622), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	P>T	Part greater than total. Inputs of Butylene (633) cannot exceed Inputs of Butane (623).
810	P>T	Part greater than total. Production of Butylene (633) cannot exceed Production of Butane (623).
810	CLI	Line Imbalance. For Normal Butane (623), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	P>T	Part greater than total. Inputs of Isobutylene (634) cannot exceed Inputs of Isobutane (615).
810	P>T	Part greater than total. Production of Isobutylene (634) cannot exceed Production of Isobutane (615).
810	CLI	Line Imbalance. For Isobutane (615), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Naphtha Petrochemical Feedstocks (822), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Other Oil-type Petrochemical Feedstocks (824), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Misc. Non-Fuel Use Products (097), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.

810	CLI	Line Imbalance. For Misc. Fuel Use Products (098), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Total Imbalance. Total (999) Inputs should equal Total (999) Production.
810	TQE	Subtotal Error. Inputs of Total Other Hydrocarbons (090), must equal the sum of its subordinate products (094, 141,142, 143, 144, 145,146, 444).
810	CLI	Subtotal Error. Ending Stocks of Total Other Hydrocarbons (090), must equal the sum of its subordinate products (094, 141,142, 143, 144, 145,146, 444).
810	CLI	Subtotal Error. Ending Stocks of Total Unfinished Oils (812), must equal the sum of its subordinate products (820, 830, 840, 850).
810	TQE	Subtotal Error. Total Inputs of Kerosene-Type Jet Fuel (213) must equal the sum of Inputs of Commercial (217) and Military (218) Jet Fuels.
810	TQE	Subtotal Error. Total Production of Kerosene-Type Jet Fuel (213) must equal the sum of Production of Commercial (217) and Military (218) Jet Fuels.
810	TQE	Subtotal Error. Total Inputs of Distillate Fuel Oil (411) must equal the sum of Inputs of Low- (461) and High-Sulfur (462) Fuel Oils.
810	TQE	Subtotal Error. Total Production of Distillate Fuel Oil (411) must equal the sum of Production of Low- (461) and High-Sulfur (462) Fuel Oils.
810	TQE	Subtotal Error. Total Ending Stocks of Distillate Fuel Oil (411) must equal the sum of Ending Stocks of Low- (461) and High-Sulfur (462) Fuel Oils.
810	TQE	Subtotal Error. Total Inputs of Residual Fuel Oil (511) must equal the sum of Inputs of Low- (508), Medium (509) and High-Sulfur (510) Residual Fuel Oils.
810	TQE	Subtotal Error. Total Production of Residual Fuel Oil (511) must equal the sum of Production of Low- (508), Medium (509) and High-Sulfur (510) Residual Fuel Oils.
810	TQE	Subtotal Error. Total Ending Stocks of Residual Fuel Oil (511) must equal the sum of Ending Stocks of Low- (508), Medium (509) and High-Sulfur (510) Residual Fuel Oils.
810	TQE	Subtotal Error. Total Inputs of Lubricants (854)) must equal the sum of Inputs of Naphthenic (852) and Paraffinic (853) Lubricants.
810	TQE	Subtotal Error. Total Production of Lubricants (854) must equal the sum of Production of Naphthenic (852) and Paraffinic (853) Lubricants.
810	GAL	Both Processing Gain (911 Inputs) and Processing Losses (911 Production) were reported. Report only one, as appropriate.
810	GLG	Processing Gain (911 Input) should be less than or equal to 10% of the sum of Crude Inputs (050) and net Unfinished Oils Inputs (812 inputs less 812 production).
810	GLG	Processing Loss (911 Input) should be less than or equal to 10% of the sum of Crude Inputs (050) and net Unfinished Oils Inputs (812 inputs less 812 production).

810	TQE	Total Error. Total (999) Inputs does not equal the sum of all Inputs, including Processing Gain (911).
810	TQE	Total Error. Total (999) Production does not equal the sum of all Production including Production Loss (911).
810	CLI	Line Imbalance. For Still Gas (045), Production should equal Receipts - Inputs - Shipments - Use Loss.
810	SGI	Sulfur values were reported for both 030 and 040. Report only one.
810	SGI	Sulfur not reported for Receipts (030), yet API Gravity was reported. You must report both or neither.
810	SGI	API Gravity not reported for Receipts (030), yet Sulfur was reported. You must report both or neither.
810	SGI	Sulfur not reported for Inputs (040), yet API Gravity was reported. You must report both or neither.
810	SGI	API Gravity not reported for Inputs (040), yet Sulfur was reported. You must report both or neither.
810	SGI	API Gravity values were reported for both 030 and 040. Report only one.
810	SGI	Sulfur Content for Crude Oil Receipts (030) cannot be reported if Crude Oil Receipts (050) and Crude Oil Inputs (050) is zero.
810	SGI	Sulfur Content for Crude Oil Inputs (040) cannot be reported if Crude Oil Receipts (050) and Crude Oil Inputs (050) is zero.
810	SGI	API Gravity for Crude Oil Receipts (030) cannot be reported if Crude Oil Receipts (050) and Crude Oil Inputs (050) is zero.
810	SGI	API Gravity for Crude Oil Inputs (040) cannot be reported if Crude Oil Receipts (050) and Crude Oil Inputs (050) is zero.
810	SGI	Sulfur Content or API Gravity (030) not reported for Crude Receipts (050).
810	SGI	Sulfur Content or API Gravity (040) not reported for Crude Inputs (050).
810	RCS	Invalid value for Sulfur Content at Receipts (030); must be between 0 and 6.00%.
810	RCS	Invalid value for Sulfur Content at Inputs (040); must be between 0 and 6.00%.
810	RCG	Invalid value for API Gravity at Receipts (030); must be between 10 and 55 degrees.
810	RCG	Invalid value for API Gravity at Inputs (040) be between 10 and 55 degrees.
810	SGI	Sulfur Content not reported; yet Crude Receipts and Inputs (050) reported.
810	SGI	API Gravity not reported; yet Crude Receipts and Inputs (050) reported.

File Format

The Import Data option of the Survey Utilities Menu imports data from an ASCII (text) file to the PEDRO database for the EIA-810 Survey.

COLUMN	DESCRIPTION
1-3	3-digit EIA form number: **810**
4-13	10-digit respondent ID number
14-15	2-digit month code: 01-12 (06=June, etc.)
16-17	2-digit year code (02=2002, etc.)
18-19	blank
20-26	4-character cell label followed by 3 blanks
27-29	3-digit product code
30-34	5-digit quantity in thousands of barrels, unless otherwise specified
30-35	6-digit quantity for **Product Codes** 399, 400, and 401

Cell Labels

Section 1 - Refinery Activity

INPT	Gross or Fresh Feed input - **Product Codes** 990, 491, 492, and 493
CAP	Operating, Idle, or Total Operable Capacity - **Product Codes** 399, 400, and 401
RECS	Weighted Average Sulfur Content Receipts - **Product Code** 030. Value must contain the decimal
RECA	Weighted Average API Gravity Receipts - **Product Code** 030. Value must contain the decimal
INPS	Weighted Average Sulfur Content Inputs - **Product Code** 040. Value must contain the decimal
INPA	Weighted Average API Gravity Inputs - **Product Code** 040. Value must contain the decimal

Sections 2, 3, & 4 - Refinery Operations

BSTO	Stocks Beginning of Month
GREC	Receipts During Month
INPT	Inputs During Month
PROD	Production During Month
SHIP	Shipments During Month
USEL	Refinery Fuel Use and Losses During Month
ESTO	Stocks End of Month

Product Codes

Section 1 - Refinery Activity

990 Gross Input to Atmospheric Crude Oil Distillation Units

Fresh Feed Input to Downstream Processing Units
491 Catalytic Cracking Units
492 Catalytic Hydrocracking Units
493 Delayed and Fluid Coking Units

Operable Capacity of Atmospheric Crude Oil Distillation Units
399 Operating
400 Idle
401 Total Operable

Sulfur Content and API Gravity of Crude Oil
030 Receipts
040 Inputs

Section 2 - Refinery Operations

Crude Oil (including lease condensate)
050 Crude Oil Total
010 Domestic Crude Oil (including Alaskan)
020 Foreign Crude Oil
011 Alaskan Crude Oil

Products of Natural Gas Processing Plants
110 Ethane
231 Propane
232 Normal Butane
233 Isobutane
220 Pentanes Plus

Other Hydrocarbons, Hydrogen and Oxygenates
090 Other Hydrocarbons, Hydrogen and Oxygenates, Total
094 Other Hydrocarbons and Hydrogen
141 Fuel Ethanol
142 Ethyl tertiary butyl ether (ETBE)
144 Methyl tertiary butyl ether (MTBE)
445 All Other Oxygenates

Unfinished Oils
812 Unfinished Oils, Total
820 Naphthas and Lighter
830 Kerosene and Light Gas Oils
840 Heavy Gas Oils
850 Residuum

Section 3 - Refinery Operations

Finished Motor Gasoline

124	Reformulated (Blended with Ether)
125	Reformulated (Blended with Alcohol)
126	Reformulated (Non-Oxygenated)
128	Conventional (Blended with Alcohol)
130	Conventional (Other)

Motor Gasoline Blending Components

122	Reformulated Blendstock for Oxygenate Blending (RBOB) for Blending with Ether
123	Reformulated Blendstock for Oxygenate Blending (RBOB) for Blending with Alcohol
139	Conventional Blendstock for Oxygenate Blending (CBOB)

Gasoline Treated as Blendstock (GTAB)

120	Reformulated
121	Conventional
138	All Other Motor Gasoline Blending Components

Aviation Gasoline

111	Finished Aviation
112	Blending Components

Special Naphthas

051	Special Naphthas (Solvents)

Jet Fuel

213	Kerosene-Type, Total
217	Commercial, Kerosene- Type
218	Military, Kerosene-Type

Kerosene

311	Kerosene

Distillate Fuel Oil

411	Distillate Fuel Oil
465	15 ppm sulfur and under
466	Greater than 15 ppm to 500 ppm sulfur (incl.)
467	Greater than 500 ppm sulfur

Residual Fuel Oil

511	Residual Fuel Oil, Total
508	Under 0.31% Sulfur
509	0.31% to 1.00% Sulfur (incl.)
510	Over 1.00% Sulfur

Lubricants

854	Lubricants, Total
852	Naphthenic
853	Paraffinic

Asphalt and Road Oil

931 Asphalt and Road Oil

Wax
070 Wax

Section 4-Refinery Operations

Petroleum Coke
021 Petroleum Coke, Marketable
022 Petroleum Coke, Catalyst

Still Gas
045 Still Gas

Liquefied Refinery Gases (LRGS)
621 Ethane (including Ethylene)
631 Ethylene
622 Propane (including Propylene)
632 Propylene
623 Normal Butane (including Butylene)
633 Butylene
615 Isobutane (including Isobutylene)
634 Isobutylene

Petrochemical Feedstocks
822 Naphtha < 401° F End-Point
824 Other Oils ≥ 401° F End-Point

Miscellaneous Products
097 Non-Fuel Use
098 Fuel Use

Inputs (Gain) or Production (Loss)
911 Inputs or Production

Total
999 Total

Sample Importation File

The following sample file contains data for respondent **0000000810** for the month **of April, 2004 (0404)**. As shown, the file may contain data for multiple respondents and multiple months. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

Sample File

```
81000000008100404  BSTO   05088
81000000008100404  GREC   01024
81000000008100404  USEL   0502
81000000008100404  PROD   04599
81000000008100404  SHIP   04589
81000000008100404  USEL   04510
81000000008100404  BSTO   090117
81000000008100404  ESTO   090208
81000000008100404  GREC   090400
81000000008100404  INPT   090291
81000000008100404  SHIP   09018
81000000008100404  BSTO   0972
81000000008100404  ESTO   0972
81000000008100404  BSTO   098246
81000000008100404  ESTO   098149
81000000008100404  PROD   0981250
81000000008100404  GREC   098200
```

EIA-811
Monthly Bulk Terminal Report

Edit Criteria

The following are the Edit Criteria for the EIA-811.

survey	rule_code	error_message
811	AND	Company Name cannot be blank.
811	ADA	Address line cannot be blank.
811	ADC	City cannot be blank.
811	ADS	State cannot be blank.
811	ADS	Invalid State code.
811	AND	Zip cannot be blank.
811	TQE	Total Quantity Error. The U.S. Total for Reformulated Motor Gasoline (150) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Oxygenated Motor Gasoline (151) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Other Finished Motor Gasoline (152) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Blending Components (134) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Finished Aviation Gasoline (111) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Special Naphthas (051) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Kerosene (311) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Naphtha-Type Jet Fuel (211) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Kerosene-Type Jet Fuel, TOTAL (213) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Low Sulfur Distillate Fuel Oil (461) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for High Sulfur Distillate Fuel Oil (462) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Lubricants (854) must equal the sum of values for reported states.

811	TQE	Total Quantity Error. The U.S. Total for Asphalt and Road Oil (931) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Miscellaneous Products (888) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Residual Fuel Oil, Under 0.31% Sulfur (508) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Residual Fuel Oil, 0.31%-1% Sulfur (509) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Residual Fuel Oil, Over 1% Sulfur (510) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Pentanes Plus (220) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Ethane/Ethylene (110) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Propane/Propylene (231) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Butane/Butylene (232) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Isobutane/Isobutylene (233) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Fuel Ethanol (141) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for ETBE (142) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for MTBE (144) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for TAME (145) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for TBA (146) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Other Oxygenates (444) must equal the sum of values for reported states.

File Format

The Import Data option of the Survey Utilities Menu imports data from an ASCII (text) file to the PEDRO database for the EIA-811 Survey.

COLUMN	DESCRIPTION
1-3	3-digit EIA form number : **811**
4-13	10-digit respondent ID number
14-15	2-digit month code : 01-12 (06=June, etc.)
16-17	2-digit year code (02=2002, etc.)
20-23	4-character cell label
24-26	3-character location code for or 2 character state code followed by 1 blank
27-29	3-digit product code
30-34	5-digit quantity in thousands of barrels

Cell Labels

Section 1 through 5-Bulk Terminal

ESTO Stocks End of Month

Location Codes

101 PADD 1: Volume of 15 ppm sulfur and under diesel fuel downgraded during week (thousand barrels)

102 PADD 2: Volume of 15 ppm sulfur and under diesel fuel downgraded during week (thousand barrels)

103 PADD 3: Volume of 15 ppm sulfur and under diesel fuel downgraded during week (thousand barrels)

104 PADD 4: Volume of 15 ppm sulfur and under diesel fuel downgraded during week (thousand barrels)

105 PADD 5: Volume of 15 ppm sulfur and under diesel fuel downgraded during week (thousand barrels)

106 TOTAL U.S.: Volume of 15 ppm sulfur and under diesel fuel downgraded during week (thousand barrels)

Product Codes

Finished Motor Gasoline

124	Reformulated (Blended with Ether)
125	Reformulated (Blended with Alcohol)
126	Reformulated (Non-Oxygenated)
128	Conventional (Blended with Alcohol)
130	Conventional (Other)
111	Finished Aviation Gasoline
051	Special Naphthas (Solvents)
311	Kerosene

Motor Gasoline Blending Components

122	Reformulated Blendstock for Oxygenate Blending (RBOB) for Blending with Ether
123	Reformulated Blendstock for Oxygenate Blending (RBOB) for Blending with Alcohol
139	Conventional Blendstock for Oxygenate Blending (CBOB)

Gasoline Treated as Blendstock (GTAB)

120	Reformulated
121	Conventional
138	All Other Motor Gasoline Blending Components

Jet Fuel

213	Kerosene-Type, Total

Distillate Fuel Oil

465	15 ppm sulfur and under
466	Greater than 15 ppm sulfur to 500 ppm sulfur (incl.)
467	Greater than 500 ppm sulfur
854	Lubricants, Total
931	Asphalt and Road Oil
888	Miscellaneous Products

Oxygenates

141	Fuel Ethanol
142	Ethyl tertiary butyl ether (ETBE)
144	Methyl tertiary butyl ether (MTBE)
445	All Other Oxygenates

Residual Fuel Oil

508	Under 0.31% Sulfur
509	0.31% to 1.00% Sulfur (incl.)
510	Over 1.00% Sulfur
220	Pentanes Plus

Liquefied Petroleum and Refinery Gases

110	Ethane/Ethylene
631	Ethylene
231	Propane/Propylene
624	Propylene (nonfuel use)
232	Normal Butane/Butylene
235	Refinery-Grade Butane
233	Isobutane/Isobutylene

Unfinished Oils

820	Naphthas and Lighter
830	Kerosene and Lighter Gas Oils
840	Heavy Gas Oils
850	Residuum

Diesel Fuel Oil

466	Volume of 15 ppm sulfur and under diesel fuel downgraded during week (thousand barrels)

Sample Importation File

The following sample file contains data for respondent **0000000811** for the month of **April 2004 (0404)**. As shown, the file may contain data for multiple respondents and multiple months. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

```
81100000008110104ESTOAL 1241447
81100000008110104ESTOAL 125804
81100000008110104ESTOAL 126416
81100000008110104ESTOAL 1281402
81100000008110104ESTOAL 130354
81100000008110104ESTOAL 1221644
81100000008110104ESTOAL 3111714
81100000008110104ESTOAL 854557
81100000008110104ESTOAL 213242
81100000008110104ESTOAL 465424
81100000008110104ESTOAL 466542
81100000008110104ESTOAL 9311068
81100000008110104ESTO1014661
```

EIA-812
Monthly Product Pipeline Report

Edit Criteria

The following are the Edit Criteria for the EIA-812.

survey	rule_code	error_message
812	AND	Company Name cannot be blank.
812	ADA	Address line cannot be blank.
812	ADC	City cannot be blank.
812	ADS	State cannot be blank.
812	ADS	Invalid State code.
812	AND	Zip cannot be blank.
812	TQE	Total Quantity Error. The U.S. Total (999) for Reformulated Motor Gasoline (150) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for Oxygenated Motor Gasoline (151) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for Other Finished Motor Gasoline (152) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for Motor Gasoline Blending Components (134) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for Fuel Ethanol (141) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for ETBE (142) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for Methanol (143) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for MTBE (144) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for TAME (145) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for TBA (146) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for Other Oxygenates (444) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for Finished Aviation Gasoline (111) must equal the sum of the PADD values.

812	TQE	Total Quantity Error. The U.S. Total (999) for Naphtha-Type Jet Fuel (211) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for Kerosene-Type Jet fuel (213) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for Kerosene (311) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for Distillate Fuel Oil 0.05% sulfur and under (461) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for Distillate Fuel Oil Greater than 0.05% sulfur (462) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for Residual Fuel Oil (511) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for Ethane/Ethylene (110) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for Propane/Propylene (231) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for Normal Butane/Butylene (232) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for Isobutane/Isobutylene (233) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for Pentanes Plus (220) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for Miscellaneous Products (888) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for TOTAL (999) must equal the sum of the PADD values.
812	CLI	Total Quantity Error. The Total Stocks (999) for PADD 1X (110) must equal the sum of the individual products.
812	CLI	Total Quantity Error. The Total Stocks (999) for PADD 1Y (120) must equal the sum of the individual products.
812	CLI	Total Quantity Error. The Total Stocks (999) for PADD 1Z (130) must equal the sum of the individual products.
812	CLI	Total Quantity Error. The Total Stocks (999) for PADD 2 (200) must equal the sum of the individual products.
812	CLI	Total Quantity Error. The Total Stocks (999) for PADD 3 (300) must equal the sum of the individual products.
812	CLI	Total Quantity Error. The Total Stocks (999) for PADD 4 (400) must equal the sum of the individual products.

812	CLI	Total Quantity Error. The Total Stocks (999) for PADD 5 (500) must equal the sum of the individual products.
812	CLI	Total Quantity Error. The Total Stocks (Row 999) for U.S.Total (Column 999) must equal the sum of the individual products.
812	TQE	Total Quantity Error. The Total Movements (Row 999) from PADD 1 to PADD 2 must equal the sum of the respective movements for individual products.
812	TQE	Total Quantity Error. The Total Movements (Row 999) from PADD 1 to PADD 3 must equal the sum of the respective movements for individual products.
812	TQE	Total Quantity Error. The Total Movements (Row 999) from PADD 2 to PADD 1 must equal the sum of the respective movements for individual products.
812	TQE	Total Quantity Error. The Total Movements (Row 999) from PADD 2 to PADD 3 must equal the sum of the respective movements for individual products.
812	TQE	Total Quantity Error. The Total Movements (Row 999) from PADD 2 to PADD 4 must equal the sum of the respective movements for individual products.
812	TQE	Total Quantity Error. The Total Movements (Row 999) from PADD 3 to PADD 1 must equal the sum of the respective movements for individual products.
812	TQE	Total Quantity Error. The Total Movements (Row 999) from PADD 3 to PADD 2 must equal the sum of the respective movements for individual products.
812	TQE	Total Quantity Error. The Total Movements (Row 999) from PADD 3 to PADD 4 must equal the sum of the respective movements for individual products.
812	TQE	Total Quantity Error. The Total Movements (Row 999) from PADD 3 to PADD 5 must equal the sum of the respective movements for individual products.
812	TQE	Total Quantity Error. The Total Movements (Row 999) from PADD 4 to PADD 2 must equal the sum of the respective movements for individual products.
812	TQE	Total Quantity Error. The Total Movements (Row 999) from PADD 4 to PADD 3 must equal the sum of the respective movements for individual products.
812	TQE	Total Quantity Error. The Total Movements (Row 999) from PADD 4 to PADD 5 must equal the sum of the respective movements for individual products.
812	TQE	Total Quantity Error. The Total Movements (Row 999) from PADD 5 to PADD 3 must equal the sum of the respective movements for individual products.
812	TQE	Total Quantity Error. The Total Movements (Row 999) from PADD 5 to PADD 4 must equal the sum of the respective movements for individual products.

File Format

The import Data option of the Survey Utilities Menu imports data from an ASCII (text) file to the PEDRO database for the EIA-812 Survey.

COLUMN	DESCRIPTION
1-3	3-digit EIA form number : **812**
4-13	10-digit respondent ID number
14-15	2-digit month code: 01-12 (06=June, etc.)
16-17	2-digit year code (02=2002, etc.)
18-19	blank
20-23	4-character cell label
24-26	3-character location code or shipping and receiving PADD
27-29	3-digit product code
30-34	5-digit quantity in thousands of barrels

Cell Labels

Section 1-Stocks of Products In Lines and Working Tanks

ESTO110	Stocks of Products at PADD 1A
ESTO120	Stocks of Products at PADD 1B
ESTO130	Stocks of Products at PADD 1C
ESTO200	Stocks of Products at PADD 2
ESTO300	Stocks of Products at PADD 3
ESTO400	Stocks of Products at PADD 4
ESTO500	Stocks of Products at PADD 5
ESTO999	Total Stocks for a Product

Section 2-Movements of Petroleum Products by Pipeline

GMOVM12	Movements from PADD 1 to PADD 2
GMOVM13	Movements from PADD 1 to PADD 3
GMOVM21	Movements from PADD 2 to PADD 1
GMOVM23	Movements from PADD 2 to PADD 3
GMOVM24	Movements from PADD 2 to PADD 4
GMOVM31	Movements from PADD 3 to PADD 1
GMOVM32	Movements from PADD 3 to PADD 2
GMOVM34	Movements from PADD 3 to PADD 4
GMOVM35	Movements from PADD 3 to PADD 5
GMOVM42	Movements from PADD 4 to PADD 2
GMOVM43	Movements from PADD 4 to PADD 3
GMOVM45	Movements from PADD 4 to PADD 5
GMOVM53	Movements from PADD 5 to PADD 3
GMOVM54	Movements from PADD 5 to PADD 4

Product Codes

Sections 1 & 2- Stocks and Movements of Products

Finished Motor Gasoline

124	Reformulated (Blended with Ether)
125	Reformulated (Blended with Alcohol)
126	Reformulated (Non-Oxygenated)
128	Conventional (Blended with Alcohol)
130	Conventional (Other)

Motor Gasoline Blending Components

122	Reformulated Blendstock for Oxygenate Blending (RBOB) for Blending with Ether
123	Reformulated Blendstock for Oxygenate Blending (RBOB) for Blending with Alcohol
139	Conventional Blendstock for Oxygenate Blending (CBOB)

Gasoline Treated as Blendstock

120	Reformulated
121	Conventional
138	All Other Motor Gasoline Blending Components

Oxygenates

141	Fuel Ethanol
142	ETBE
144	MTBE
445	All Other Oxygenates

Aviation Gasoline

111	Finished Aviation Gasoline

Jet Fuel

213	Kerosene-Type

Kerosene

311	Kerosene

Distillate Fuel Oil

465	15 ppm sulfur and under
466	Greater than 15 ppm to 500 ppm sulfur (incl.)
467	Greater than 500 ppm sulfur

Residual Fuel Oil

511	Residual Fuel Oil

Liquefied Gases (LPG & LRG)

110	Ethane/Ethylene
231	Propane/Propylene
232	Normal Butane/Butylene
233	Isobutane/Isobutylene

Pentanes Plus

220	Pentanes Plus

Miscellaneous Products
888 Miscellaneous Products

Total
999 Total

Sample Importation File

The following sample file contains the data for respondent **0000000812** for the months of **January 2004 and February 2004 (0104 and 0204, respectively)**. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

```
81200000008120104  ESTO110124100
81200000008120104  ESTO110125100
81200000008120104  ESTO110126200
81200000008120104  ESTO200128100
81200000008120104  ESTO200130100
81200000008120104  ESTO200122200
81200000008120104  ESTO999123200
81200000008120104  ESTO999139200
81200000008120104  ESTO999999400
81200000008120204  ESTO110465100
81200000008120204  ESTO110466100
81200000008120204  ESTO999141100
81200000008120204  ESTO999142100
81200000008120204  GMOVM12124100
81200000008120204  GMOVM12125200
81200000008120204  GMOVM12126300
81200000008120204  GMOVM42128300
81200000008120204  GMOVM42130300
81200000008120204  GMOVM42465600
81200000008120204  ESTO101466100
```

EIA-813
Monthly Crude Oil Report

Edit Criteria

The following are the Edit Criteria for the EIA-813.

survey	rule_code	error_message
813	AND	Company Name cannot be blank.
813	ADA	Address line cannot be blank.
813	ADC	City cannot be blank.
813	ADS	State cannot be blank.
813	ADS	Invalid State code.
813	AND	Zip cannot be blank.
813	CLI	Total Quantity Error. The U.S. Total (999) for Pipeline/Tank Farm Stocks (056) must equal the sum of the PADD values.
813	CLI	Total Quantity Error. The U.S. Total (999) for Lease Stocks (057) must equal the sum of the PADD values.
813	CLI	Total Quantity Error. The U.S. Total (999) for Crude Oil Consumed as Fuel (058) must equal the sum of the PADD values.

File Format

The Import Data option of the Survey Utilities Menu imports data from an ASCII (text) file to the PEDRO database for the EIA-813 Survey.

COLUMN	DESCRIPTION
1-3	3-digit EIA form number: **813**
4-13	10-digit respondent ID number
14-15	2-digit month code: 01-12 (06=June, etc.)
16-17	2-digit year code (02=2002, etc.)
18-19	blank
20-23	4-character cell label
24-26	3-character location code or shipping and receiving PADD
27-29	3-digit product code
30-34	5-digit quantity in thousands of barrels

Cell Labels

Section 1-Stocks of Crude Oil and Crude Oil Consumed as Fuel

ESTO100	Stocks of Products at PADD 1
ESTO200	Stocks of Products at PADD 2
ESTO300	Stocks of Products at PADD 3
ESTO400	Stocks of Products at PADD 4
ESTO500	Stocks of Products at PADD 5
ESTO999	Total Stocks for a Product

Sections 2 & 3-Movement of Crude Oil by Pipeline Between PAD District During the Month

GMOVM12	Movements from PADD 1 to PADD 2
GMOVM13	Movements from PADD 1 to PADD 3
GMOVM21	Movements from PADD 2 to PADD 1
GMOVM23	Movements from PADD 2 to PADD 3
GMOVM24	Movements from PADD 2 to PADD 4
GMOVM31	Movements from PADD 3 to PADD 1
GMOVM32	Movements from PADD 3 to PADD 2
GMOVM34	Movements from PADD 3 to PADD 4
GMOVM35	Movements from PADD 3 to PADD 5
GMOVM42	Movements from PADD 4 to PADD 2
GMOVM43	Movements from PADD 4 to PADD 3
GMOVM45	Movements from PADD 4 to PADD 5
GMOVM53	Movements from PADD 5 to PADD 3
GMOVM54	Movements from PADD 5 to PADD 4

Product Codes

Section 1-Stocks of Crude Oil and Crude Oil Consumed as Fuel

056	Pipeline/Tank Farm Stocks
053	Cushing, Oklahoma Stocks
057	Lease Stocks
092	Alaskan Crude Oil in Transit by Water
058	Crude Oil Consumed as Fuel

Sections 2 & 3- Movement of Crude Oil by Pipeline Between PAD Districts During the Month

050	Crude Oil

Sample Importation File

The following sample file contains the data for respondent 0000000813 for the months of January 2004 and February 2004 (0104 and 0204, respectively). As shown, the file may contain data for multiple respondents and multiple months. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

```
81300000008130104  ESTO100056  100
81300000008130104  ESTO200053  200
81300000008130104  ESTO100057  300
81300000008130104  ESTO999092  400
81300000008130104  ESTO300058  500
81300000008130204  ESTO100056  100
81300000008130204  ESTO200053  200
81300000008130204  ESTO100057  300
81300000008130204  ESTO999092  400
81300000008130204  ESTO300058  500
81300000008130204  GMOVM12050  100
81300000008130204  GMOVM12050  200
81300000008130204  GMOVM12050  300
81300000008130204  GMOVM42050  300
81300000008130204  GMOVM42050  300
81300000008130204  GMOVM42050  600
```

EIA-814
Monthly Imports Report

Edit Criteria

The following are the Edit Criteria for the EIA-814.

survey	rule_code	error_message
814	AND	Company Name cannot be blank.
814	ADA	Address line cannot be blank.
814	ADC	City cannot be blank.
814	ADS	State cannot be blank.
814	ADS	Invalid State code.
814	AND	Zip cannot be blank.
814	UPC	Port/Processor Location Mismatch. You have entered an unlikely combination of Port and Processor locations.
814	NGR	Value for API Gravity is Required. For the commodity code you selected, you must enter a non-zero value for API Gravity.
814	NSR	Value for Sulfur Content is Required. For the commodity code you selected, you must enter a non-zero value for Sulfur Content.
814	FTC	Crude Country Mismatch. Crude imports are unlikely for the country you selected.
814	CCC	Port/Country Mismatch. You can only receive imports from Canada into the Port you entered.
814	NCP	Processing City Required. For the commodity code you selected, you must enter a city in which the processing facility is located.
814	NCP	Processing state required. For the commodity code you selected, you must enter a processing state.
814	NCP	Processing facility required. For the commodity code you selected, you must enter a processing facility (a company name).
814	TLE	Total Number of Line entries reported must equal the number of lines reported in the Detail Tab.
814	TQE	Total Quantity Error. Total Quantity Reported in the Detail Tab must equal the sum of individual quantities reported.
814	NQR	Quantity Required. You must provide a quantity for all imports lines.
814	CCW	Port/Country Mismatch. You cannot receive imports from Canada into the Port you entered.

File Format

The Import Data Option of the Survey Utilities Menu Imports data from an ASCII (text) file to the PEDRO database for the EIA-814 Survey.

COLUMN	DESCRIPTION
1-3	3-digit EIA form number: **814**
4-13	10-digit respondent ID number (shown IIIIIIIIII)
14-15	2-digit month code: 01-12 (06=June, etc. shown as MM)
16-17	2-digit year code: 90-91 (90=1990, etc. shown as YY)
18-19	blank
20-26	7-character cell label (shown as LLLLLLL)
27-29	3-digit line number (shown as NNN)
30-31	2-character state code for cell labels PORTSTA & PROSTAT (Shown as QQ)
30-33	4-digit port of entry code for cell label PORTNUM. Optional alternative to PORTCTY and PORTSTA (shown as QQQ)
30-34	5-character value for cell label COMMODT, or 5-digit quantity in thousands of barrels. Cell labels for SULFURW and APIGRAV must contain the decimal (shown as QQQQQ)
30-59	30-character value for cell labels: PORTCTY, PRONAME, PROCITY and COUNTRY (Shown as Q's)

Cell Labels

Product Codes

Asphalt and Road Oil	ASPHL
Aviation Gasoline	AVGAS
Aviation Gasoline Blending Components	AVGBC
Butylene	BUTL
Crude Oil (including Lease Condensate)	CRUDE
Crude Oil Burned as Fuel	CRDFL

Distillate Fuel Oil:	
Bonded	
Distillate Fuel Oil 15 ppm Sulfur and Under	BDISU
Distillate Fuel Oil Greater than 15 ppm Sulfur to 500 ppm Sulfur (inclusive)	BDISL
Distillate Fuel Oil Greater than 500 ppm Sulfur to 2000 ppm Sulfur (inclusive)	BDISH
Distillate Fuel Oil Greater than 2000 ppm Sulfur	BDISG
Other	
Distillate Fuel Oil 15 ppm Sulfur and Under	DISU
Distillate Fuel Oil Greater than 15 ppm Sulfur to 500 ppm Sulfur (inclusive)	DISL
Distillate Fuel Oil Greater than 500 ppm Sulfur to 2000 ppm Sulfur (inclusive)	DISH
Distillate Fuel Oil Greater than 2000 ppm Sulfur	DISG
Ethane	ETHN
Ethylene	ETHL
Isobutane	ISBTN
Isobutylene	ISBTL
Kerosene	KERO
Kerosene-Type Jet Fuel:	
Domestic	KEROJ
Bonded	BKERJ
Lubricants	LUBES
Miscellaneous Products	MISC

Motor Gasoline Blending Components:	
RBOB for Blending with Ether	RBOBE
RBOB for Blending with Alcohol	RBOBA
CBOB	CBOB
GTAB, Reformulated	GTABR
GTAB, Conventional	GTABC
All Other	BCOTH
Motor Gasoline	
Reformulated, blended with ether	MGRFE
Reformulated, blended with alcohol	MGRFA
Reformulated, non-oxygenated	MGRNO
Conventional, blended with alcohol	MGCWA
Conventional, other	MGCOT
Naphtha-Type Jet Fuel:	
Normal Butane	BUTN
Other Hydrocarbons/Hydrogen	OHCHY
Oxygenates:	
Ethyl tertiary butyl ether	ETBE
Fuel Ethanol	FETH
Methanol	METH
Methyl tertiary butyl ether	MTBE
Pentanes Plus	PENT +
Petrochemical Feedstocks:	
Naphtha<401°F End-Point	NFEED
Other Oils≥ 401°F End-Point	OFEED
Petroleum Coke	COKE
Propane	PROP
Propylene	PROPL
Residual Fuel Oil:	
Domestic	RESID
Bonded	BRESD
Special Naphthas	SNAPH
Unfinished Oils:	
Naphthas and Lighter (<401°F End-Point)	UNAPH
Kerosene and Light (401°F-650°F End-Point)	ULITE
Heavy Gas Oils (651°F-1000°F End-Point)	UHEVY
Residuum (>1000°F End-Point)	URSID
Wax	WAX

Sample Importation File

The following sample file contains data for company 5555555401 for the months of August and September 2001 (0801) and 0901, respectively). It also contains data for respondent 5555555402 for September 2001. As shown, the file may contain data for multiple respondents and multiple months. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation. Data over 14 months old must not be imported into PEDRO as this will result in an error.

```
81455555554010904    COMMODT001CRUDE
81455555554010904    PORTCTY001HOUSTON
81455555554010904    PORTSTA001TX
81455555554010904    COUNTRY001ALGERIA
81455555554010904    QUANTTY001500
81455555554010904    SULFURW0010.01
81455555554010904    APIGRAV00123.00
81455555554010904    PRONAME001ANYONECO
81455555554010904    PROCITY001HOUSTON
81455555554010904    PROSTAT001TX
81455555554010904    TOTAL999500
81455555554010804    PORTCTY003MCLEAN
81455555554010804    PORTCTY002PROVIDENCE
81455555554010804    PROCITY001ASHLAND
81455555554010804    PROSTAT001WI
81455555554010804    TOTAL999300
81455555554020904    COMMODT001WAX
81455555554020904    PORTNUM0015301
81455555554020904    COUNTRY001ALGERIA
81455555554020904    QUANTTY001300
```

EIA-815
Monthly Terminal Blenders Report

Edit Criteria

The following are the Edit Criteria for the EIA-815.

survey	rule_code	error_message
815	AND	Company Name cannot be blank.
815	ADA	Address line cannot be blank.
815	ADC	City cannot be blank.
815	ADS	State cannot be blank.
815	ADS	Invalid State code.
815	AND	Zip cannot be blank.

File Format

The Import Data option of the Survey Utilities Menu imports data from an ASCII (text) file to the PEDRO database for the EIA-815 Survey.

COLUMN	DESCRIPTION
1-3	3-digit EIA form number: **815**
4-13	10-digit respondent ID number
14-15	2-digit month code: 01-12 (06=June, etc.)
16-17	2-digit year code (02=2002, etc.)
18-19	blank
20-26	4-character cell label and 3 blanks
27-29	3-digit product code
30-34	5-digit quantity in thousands of barrels

Cell Labels

INPT	Inputs
PROD	Production

Product Codes

232	Normal Butane
233	Isobutane
220	Pentanes Plus

Other Hydrocarbons, Hydrogen and Oxygenates

094	Other Hydrocarbons and Oxygenates
141	Fuel Ethanol *FE)
142	Ethyl Tertiary Butyl Ether (ETBE)
144	Methyl Tertiary Butyl Ether (MTBE)
445	All Other Oxygenates

Finished Motor Gasoline

124	Reformulated (Blended with Ether)
125	Reformulated (Blended with Alcohol)
126	Reformulated (Non-Oxygenated)
128	Conventional (Blended with Alcohol)
130	Conventional (Other)

Motor Gasoline Blending Components

122	Reformulated Blendstock for Oxygenate Blending (RBOB) for Blending with Ether
123	Reformulated Blendstock for Oxygenate Blending (RBOB) for Blending with Alcohol
139	Conventional Blendstock for Oxygenate Blending (CBOB)

Gasoline Treated as Blendstock (GTAB)

120	Reformulated
121	Conventional
138	All Other Motor Gasoline Blending Components

999	TOTAL

Sample Importation File

The following sample file contains the data for respondent **0000000815** for the months of January **2004 and February 2004 (0104 and 0204, respectively)**. As shown, the file may contain data for multiple respondents and multiple months. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

```
81500000008150104  INPT   232100
81500000008150104  INPT   233200
81500000008150104  INPT   220300
81500000008150104  INPT   094400
81500000008150104  INPT   141500
81500000008150204  INPT   142100
81500000008150204  INPT   144200
81500000008150204  INPT   445300
81500000008150204  INPT   124400
81500000008150204  INPT   125500
81500000008150104  PROD   124100
81500000008150104  PROD   125200
81500000008150104  PROD   126300
81500000008150204  PROD   128400
81500000008150204  PROD   130500
```

EIA-816
Monthly Natural Gas Liquids Report

Edit Criteria

The following are the Edit Criteria for the EIA-816.

survey	rule_code	error_message
816	AND	Company Name cannot be blank.
816	ADA	Address line cannot be blank.
816	ADC	City cannot be blank.
816	ADS	State cannot be blank.
816	ADS	Invalid State code.
816	AND	Zip cannot be blank.
816	BII	Isobutane processing gain greater than 5 percent.
816	BII	Isobutane processing loss greater than 5 percent.
816	CLI	Line Imbalance. For Ethane (110), Ending Stocks should equal Beginning Stocks + Receipts + Production - Shipments - Use Loss.
816	CLI	Line Imbalance. For Propane (231), Ending Stocks should equal Beginning Stocks + Receipts + Production - Shipments - Use Loss.
816	CLI	Line Imbalance. For Normal Butane (232), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
816	CLI	Line Imbalance. For Isobutane (233), Ending Stocks should equal Beginning Stocks + Receipts + Production - Shipments - Use Loss.
816	CLI	Line Imbalance. For Pentanes Plus (220), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.

File Format

The Import Data option of the Survey Utilities Menu imports data from an ASCII (text) file to the PEDRO database for the EIA-816 Survey.

COLUMN	DESCRIPTION
1-3	3-digit EIA form number: **816**
4-13	10-digit respondent ID number
14-15	2-digit month code : 01-12 (06 = June, etc.)
16-17	2-digit year code (02=2002, etc.)
18-19	blank
20-23	4-character cell label for product codes not equal to 105. 2-character cell label followed by 2 blanks for product code 105
24-27	4-digit location code; used for product code 105
28-30	3-digit product code
31-35	5-digit quantity in thousands of barrels

Cell Labels

Section 1-Natural Gas Liquids Activity

BSTO	Stocks Beginning of Month
INPT	Inputs During Month
SHIP	Shipments During Month
USEL	Plant Fuel Use and Losses During Month
GPRO	Production During Month
ESTO	Stocks End of Month
GREC	Receipts During Month

Section 2-Natural Gas Activity

GC	Volume of Natual Gas Received During the Month
VF	Plant Fuel Use/Vented and Flared
NR	Nonhydrocarbon Gases Removed
SK	Shrinkage (from liquids produced)
RI	Volume of Natural Gas Returned for Reinjections During the Month
SC	Volume of Residue Gas (shipped to pipeline) During the Month

Product Codes

Section 1-Natural Gas Liquids Activity

110	Ethane
231	Propane
232	Normal Butane
233	Isobutane
220	Pentanes Plus

Section 2-Natural Gas Activity

105	Volume of Natural Gas Received During the Month
105	Plant Fuel Use/Vented and Flared During the Month
105	Nonhydrocarbon Gases Removed During the Month
105	Shrinkage (from liquids produced) During the Month
105	Volume of Natural Gas Returned for Reinjections During the Month
105	Volume of Residue Gase (shipped to pipeline) During the Month

Sample Importation File

The following sample file contains data for respondent **0000000816** for the month **of December 2004 (1204)**. As shown, the file may contain data for multiple respondents and multiple months. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

```
81600000008161204  BSTO    110100
81600000008161204  GREC    110200
81600000008161204  GPRO    110300
81600000008161204  SHIP    110400
81600000008161204  ESTO    110500
81600000008161204  BSTO    232100
81600000008161204  GREC    232200
81600000008161204  INPT    232300
81600000008161204  GPRO    232400
81600000008161204  SHIP    232500
81600000008161204  ESTO    232600
81600000008161204  BSTO    220100
81600000008161204  ESTO    220200
81600000008161204  BSTO    231500
81600000008161204  GREC    231400
81600000008161204  SHIP    231300
81600000008161204  ESTO    231600
81600000008160104  GC  1051105100
81600000008160104  VF  1052105200
81600000008160104  NR  1053105200
```

EIA-817
Monthly Tanker and Barge Movement Report

Edit Criteria

The following are the Edit Criteria for the EIA-817.

survey	rule_code	error_message
817	AND	Company Name cannot be blank.
817	ADA	Address line cannot be blank.
817	ADC	City cannot be blank.
817	ADS	State cannot be blank.
817	ADS	Invalid State code.
817	AND	Zip cannot be blank.
817	TQE	Total Quantity Error. The total of product movements from PADD 1 to PADD 2 must equal the Total (999) entered on the 'Movement 1' tab page.
817	TQE	Total Quantity Error. The total of product movements from PADD 1 to PADD 3 must equal the Total (999) entered on the 'Movement 1' tab page.
817	TQE	Total Quantity Error. The total of product movements from PADD 1 to PADD 5 must equal the Total (999) entered on the 'Movement 1' tab page.
817	TQE	Total Quantity Error. The total of product movements from PADD 2 to PADD 1 must equal the Total (999) entered on the 'Movement 1' tab page.
817	TQE	Total Quantity Error. The total of product movements from PADD 2 to PADD 3 must equal the Total (999) entered on the 'Movement 1' tab page.
817	TQE	Total Quantity Error. The total of product movements from PADD 3 to PADD 1X must equal the Total (999) entered on the 'Movement 2' tab page.
817	TQE	Total Quantity Error. The total of product movements from PADD 3 to PADD 1Y must equal the Total (999) entered on the 'Movement 2' tab page.
817	TQE	Total Quantity Error. The total of product movements from PADD 3 to PADD 1Z must equal the Total (999) entered on the 'Movement 2' tab page.
817	TQE	Total Quantity Error. The total of product movements from PADD 3 to PADD 2 must equal the Total (999) entered on the 'Movement 2' tab page.
817	TQE	Total Quantity Error. The total of product movements from PADD 3 to PADD 5 must equal the Total (999) entered on the 'Movement 2' tab page.
817	TQE	Total Quantity Error. The total of product movements from PADD 5 to PADD 1 must equal the Total (999) entered on the 'Movement 3' tab page.
817	TQE	Total Quantity Error. The total of product movements from PADD 5 to PADD 3 must equal the Total (999) entered on the 'Movement 3' tab page.

File Format

The Import Data option of the Survey Utilities Menu imports data from as ASCII (text) file to the PEDRO database for the EIA-817 survey.

COLUMN	DESCRIPTION
1-3	3-digit EIA form number: **817**
4-13	10-digit respondent ID number
14-15	2-digit month code: 01-12 (06=June, etc.)
16-17	2-digit year code (02=2002, etc.)
18-19	blank
20-26	7-character cell label
27-29	3-digit product code
30-34	5-digit quantity in thousands of barrels

Cell Labels

GMOVM12	Movements from PADD 1 to PADD 2
GMOVM13	Movements from PADD 1 to PADD 3
GMOVM15	Movements from PADD 1 to PADD 5
GMOVM21	Movements from PADD 2 to PADD 1
GMOVM23	Movements from PADD 2 to PADD 3
GMOV31A	Movements from PADD 3 to PADD 1X
GMOV31B	Movements from PADD 3 to PADD 1Y
GMOV31C	Movements from PADD 3 to PADD 1Z
GMOVM32	Movements from PADD 3 to PADD 2
GMOVM35	Movements from PADD 3 to PADD 5
GMOVM51	Movements from PADD 5 to PADD 1
GMOVM53	Movements from PADD 5 to PADD 3

Product Codes

Crude Oil
050 Crude Oil

Unfinished Oils
812 Unfinished Oils

Finished Motor Gasoline
124 Reformulated (Blended with Ether)
125 Reformulated (Blended with Alcohol)
126 Reformulated (Non-Oxygenated)
128 Conventional (Blended with Alcohol)
130 Conventional (Other)

Motor Gasoline Blending Components
122 Reformulated Blendstock for Oxygenate Blending (RBOB) for Blending with Ether
123 Reformulated Blendstock for Oxygenate Blending (RBOB) for Blending with Alcohol
139 Conventional Blendstock for Oxygenate Blending (CBOB)

Gasoline Treated as Blendstock (GTAB)
120 Reformulated
121 Conventional
138 All Other Motor Gasoline Blending Components

Aviation Gasoline
111 Finished Aviation Gasoline

Special Naphthas
051 Special Naphthas

Jet Fuel
213 Kerosene-Type, Total

Kerosene
311 Kerosene

Distillate Fuel Oil
465 15 ppm sulfur and under
466 15 ppm sulfur to 500 ppm sulfur (incl.)
467 Greater than 500 ppm sulfur

Residual Fuel Oil
508 Under 0.31% Sulfur
509 0.31% to 1.00% Sulfur (incl.)
510 Over 1.00%

Lubricants
854 Lubricants

Wax
070 Wax

Asphalt and Road Oil
931 Asphalt and Road Oil

Liquefied Gases (LPG & LRG)
110 Ethane / Ethylene
231 Propane / Propylene
232 Normal Butane / Butylene
233 Isobutane / Isobutylene

Petrochemical Feedstocks
822 Naphtha <401°F End-Point
824 Other Oil ≥ 401°F End-Point

Miscellaneous Products
888 Miscellaneous Products

Total
999 Total

Sample Importation File

The following sample file contains data for respondent **0000000817** for the month of **December 2004 (1204)**. As shown, the file may contain data for multiple respondents and multiple months. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

```
81700000008171204  GMOVM12050  100
81700000008171204  GMOVM12812  100
81700000008171204  GMOVM12124  100
81700000008171204  GMOVM12125  300
81700000008171204  GMOVM13126  100
81700000008171204  GMOVM13128  200
81700000008171204  GMOVM13130  200
81700000008171204  GMOVM15999  200
81700000008171204  GMOVM12122  100
81700000008171204  GMOVM13138  200
81700000008171204  GMOVM13232  200
81700000008171204  GMOV31A050  300
```

EIA-819
Monthly Tanker and Barge Movement Report

Edit Criteria

The following are the Edit Criteria for the EIA-819.

survey	rule_code	error_message
819	AND	Company Name cannot be blank.
819	ADA	Address line cannot be blank.
819	ADC	City cannot be blank.
819	ADS	State cannot be blank.
819	ADS	Invalid State code.
819	AND	Zip cannot be blank.

File Format

The Import Data option of the Survey Utilities Menu imports data from as ASCII (text) file to the PEDRO database for the EIA-819 survey.

COLUMN	DESCRIPTION
1-3	3-digit EIA form number: **819**
4-13	10-digit respondent ID number
14-15	2-digit month code: 01-12 (06=June, etc.)
16-17	2-digit year code (02=2002, etc.)
18-19	blank
20-26	7-character cell label
27-29	3-digit product code
30-34	5-digit quantity in thousands of barrels

Cell Labels

Section 1-Oxygenate Supply Activity Production

PROD100	Production quantity at PADD 1
PROD200	Production quantity at PADD 2
PROD300	Production quantity at PADD 3
PROD400	Production quantity at PADD 4
PROD500	Production quantity at PADD 5
PROD999	Total Production quantity

Section 2-Oxygenate Supply Activity Stocks

ESTO100	Stocks of Products at PADD 1
ESTO200	Stocks of Products at PADD 2
ESTO300	Stocks of Products at PADD 3
ESTO400	Stocks of Products at PADD 4
ESTO500	Stocks of Products at PADD 5
ESTO999	Total Stocks for a Product

Product Codes

141	Fuel Ethanol
142	Ethyl tertiary Butyl Ether (ETBE)

Methyl Tertiary Butyl Ether (MTBE)

147	Merchant Plant Production
148	Captive Plant Production

Motor Gasoline Blending Components

415	Alkylate
635	Isooctane
119	Other
134	Motor Gasoline Blending Components (for Section 2-Ending Stocks only)

445	All Other Oxygenates

Sample Importation File

The following sample file contains data for respondent **0000000817** for the month of **December 2004 (1204)**. As shown, the file may contain data for multiple respondents and multiple months. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

```
81900000008191204  ESTO100141100
81900000008191204  ESTO200141200
81900000008191204  ESTO300141300
81900000008191204  ESTO400141400
81900000008191204  ESTO500141500
81900000008191204  ESTO999141600
81900000008191204  PROD100141100
81900000008191204  PROD200141200
81900000008191204  PROD300141300
81900000008191204  PROD400141400
81900000008191204  PROD500141500
81900000008191204  PROD999141600
```