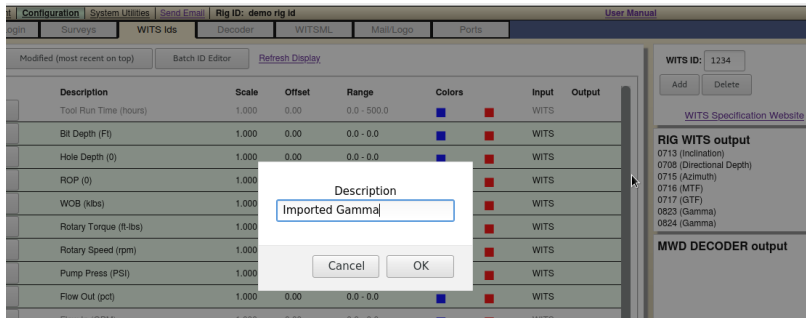


Importing Time-based Memory Tool Data

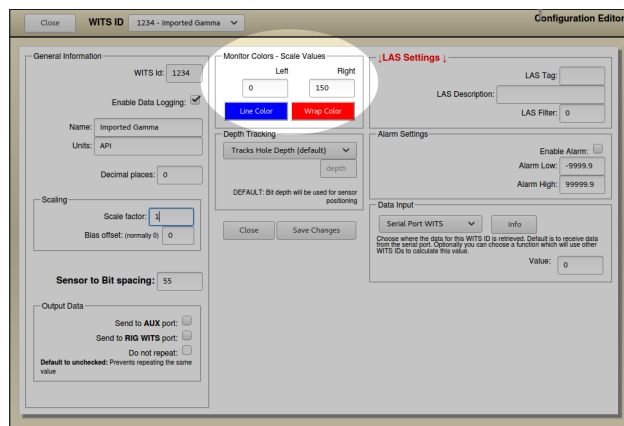
Create WITS ID for imported data

A new WITS ID must be created to hold the imported data. It can be any WITS ID but try not to use anything less than **1000**. Here we will use **1234** and give it a description.



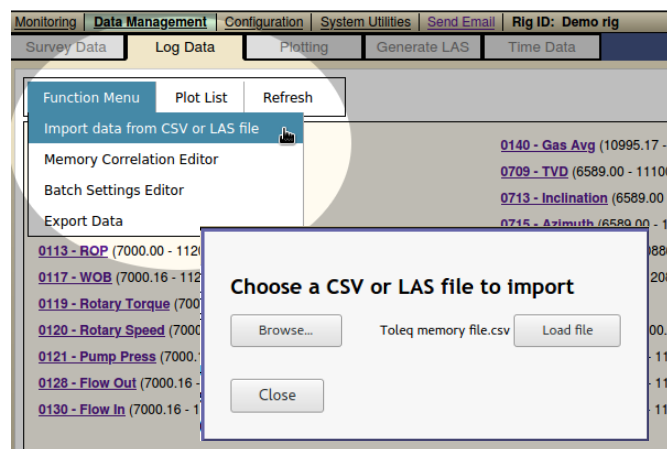
Configure the new WITS ID

Usually the scale and bit offsets are not too important since the data will be scaled before writing to this WITS ID. However the left/right monitor scales should be the same as the real-time data so they can be easily compared visually.



Load the CSV data file

In the Data Management section open the Log Data tab and click the **“Import data from CSV or LAS file”** menu item.



Importing Time-based Memory Tool Data

Specify the starting row and column for scanning data

After the file is loaded verify the starting row and column selection.

Use the following as a guide:

- The first column must **always** be either depth measurements or time stamps
- The system will automatically determine the type of data in the first column. In this example we are using time stamps.
- The first row is **always** considered to be labels for each of the columns of data

Use the “**Row skip**” and “**Column skip**” values to adjust the file scanning start positions.

Configure file format and column delimiters

Row skip: 0 Column skip: 0

Delimiter: ☒ Comma ☐ Tab ☐ Space

Choose file: No file

Preview

Timestamp	Value
03/31/2015 07:13:33	16.2
03/31/2015 07:14:03	16.2
03/31/2015 07:14:33	16.2
03/31/2015 07:15:03	16.2
03/31/2015 07:15:33	16.2
03/31/2015 07:16:03	16.2
03/31/2015 07:16:33	16.2
03/31/2015 07:17:03	16.2
03/31/2015 07:17:33	16.2
03/31/2015 07:18:03	16.2

Instructions

- Skip the rows
- Skip columns column #1
- Choose a delimiters
- Click the "Scan CSV for data" button

Column header found
Consistent data columns found
Date timestamps found in first column

Scan file and choose WITS IDs for storage

After scanning the CSV file column labels will be listed along with a selector to choose which WITS ID to store each column of data. To skip columns simply leave the selection blank and only choose a WITS ID for the columns to be imported.

In this example there was only a single column of data and will be stored in the WITS ID we created in the first step.

The system always stores data based on measured depth. Depending on the type of data in the first column the system either stores the data directly to the database or it will correlate each time stamp to a measured depth then write the data to that depth.

Assign WITS IDs to columns

File Information

Start date: 2015/03/31 07:13:33
End date: 2015/08/01 11:45:55

Value: 1234 : Imported Gamma

Time offset: 0 seconds (added to timestamps for depth correlation)

Scale factor: 1.0 (multiplied by each value)

Bit spacing: 0 (subtracted from depth before storage)

Importing Time-based Memory Tool Data

Merging the imported data with real-time

Once the time-stamped data has been converted to depth-based data then it can be treated as any other depth-based data acquired in real-time. However it is recommended that you keep the imported data and the real-time data separated. To merge these two sets of data create another WITS ID to hold the merged data.

In this example

- The WITS ID for real-time data is the usual **0824**
- We created WITS ID **1234** for the time-stamped imported data
- Now WITS ID **1824** is created to contain merged data from 0824 and 1234

To merge the two WITS IDs:

- Open the editor for each WITS data (0824 and 1234)
- Use the “**Copy Depths**” tab to selectively copy the data to the new WITS ID 1824

The screenshot shows the 'Data Editor' window for WITS ID '1234 - Imported Gamma'. The 'Copy Depths' tab is selected. The interface includes a 'Copy from' section with 'Start Depth' (6900.00) and 'End Depth' (9545.11) input fields. Below this is a 'Copy to' section with a dropdown menu showing 'T1824 - RT and Imported Gamma - (0 - 0)' and a 'New Start Depth' input field (6900.00) next to a 'Copy' button. A 'Description' box on the right explains the operation: 'Copy Imported Gamma data from "Start Depth" to "End Depth" to the specified WITS id. The data copied will begin at the "New Start Depth" value and continue downward.'