

|                                                       |                      |
|-------------------------------------------------------|----------------------|
| <b>WinFrog Device Group:</b>                          | <b>Recording</b>     |
| <b>Device Name/Model:</b>                             | <b>ASCIISTRING</b>   |
| <b>Device Manufacturer:</b>                           |                      |
| <b>Device Data String(s)<br/>Output to WinFrog:</b>   | N/A                  |
| <b>WinFrog Data String(s)<br/>Output to Device:</b>   | User Configurable    |
| <b>WinFrog Data Item(s) and their<br/>RAW record:</b> | ASCIISTRING      509 |

**DEVICE DESCRIPTION:**

The ASCIISTRING is a driver written to give WinFrog flexibility for data input and recording. The data from the peripheral devices interfaced through this device is not used in the positioning or navigation of the vessel. This device simply records the data in a user configurable format. It is important to note that the **STRING** data item must be added to a vehicle in order for the device to actually record data.

***DEVICE CONFIGURATION INSTRUCTIONS***

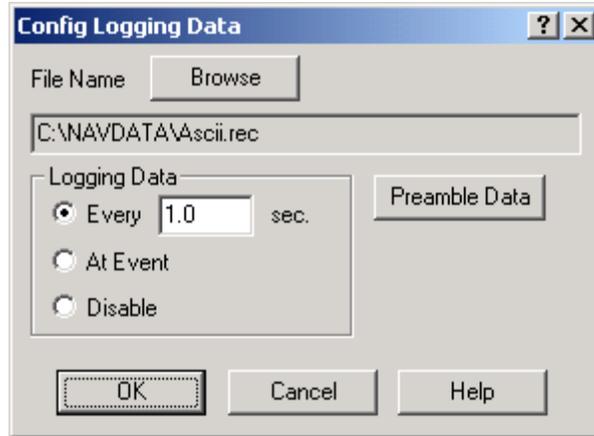
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**WINFROG I/O DEVICES > EDIT I/O:**

Serial  
Configurable Parameters

**WINFROG I/O DEVICES > CONFIGURE DEVICE:**

This device must be configured at the I/O Device window level. In the I/O Devices window, click the device name to select it, then right-click and select Configure Device. The **Config Logging Data** dialog box appears, as seen below.



You can configure the data to be recorded by this device, as well as the destination directory/file for the data.

Click the Browse button to specify the file name and directory location for the data output and storage. The path can be viewed in the display window.

#### **Logging Data:**

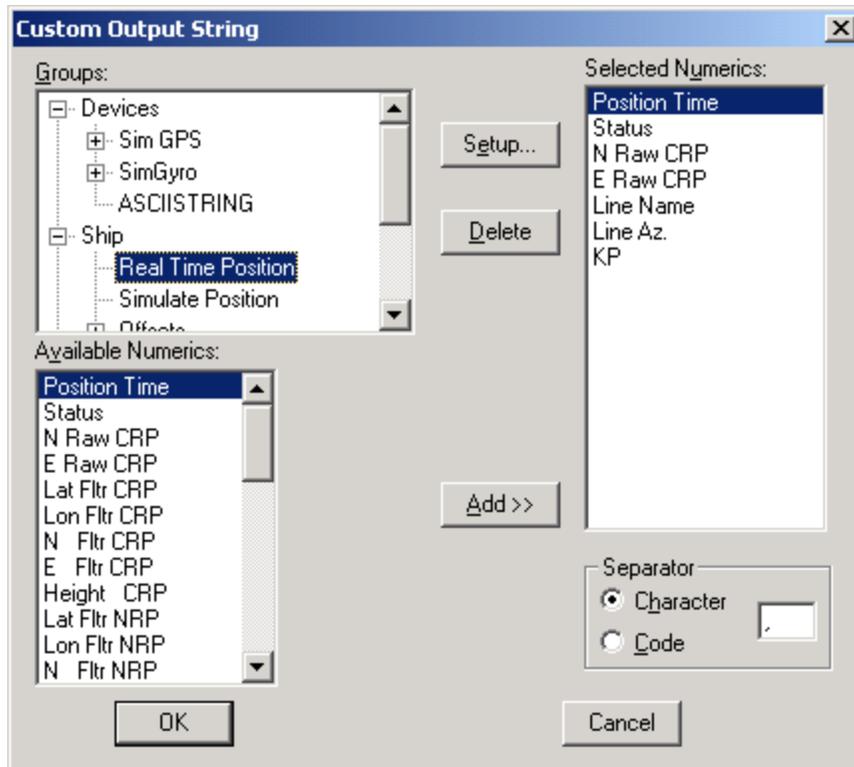
Specify the data logging interval by selecting one of the three available options:

**Every** – specify the logging interval by entering the desired interval, in seconds.

**At Event** – synchronize the logging interval with the Data Eventing interval as specified in the Data Event setup.

**Disable** – disable data output from this device.

You can configure the amount and type of data to be recorded by this device. Click the **Preamble Data** button to open the **Custom Output String** dialog box as seen below.

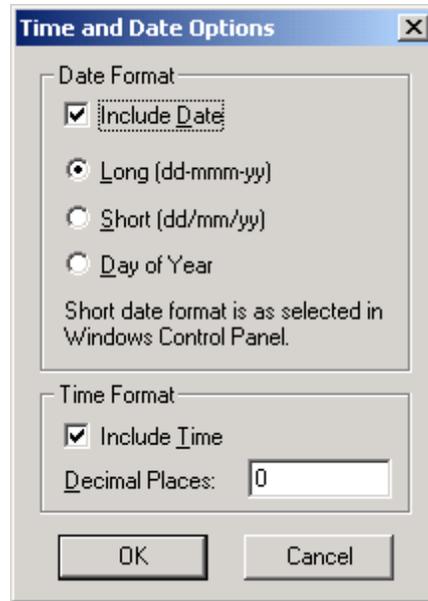


**Groups:**

Select which devices and or vehicles to record/output data from.

**Available Numerics:**

As you click the desired devices/vehicles in the **Groups** list, the list of available numerics for each one is displayed here. Highlight the desired numeric and click the **ADD** button to add it to the **Selected Numerics** list. Similarly, to remove a numeric from the Selected Numerics list, highlight the desired numeric and click the **Delete** button. The format for certain numeric items can be configured in the Selected Numerics list by highlighting the desired item and clicking the **Setup** button.



In this example, the **Position Time** numeric was highlighted and the **Setup** button clicked. The above dialog box displays the options available for recording and output of this numeric.

### **Separator:**

In this section, you can select either a character or code separator for the recorded data. Select either the Character or Code radio button and enter the desired separator. The default separator is a space.

### **WINFROG VEHICLE > CONFIGURE VEHICLE DEVICES > DEVICE DATA ITEM > EDIT:**

Adding the ASCIISTRING device creates the STRING data item.

### **Data item: RECORDING, ASCIISTRING, STRING**

There are no edit or configuration options available at this level for this data item. However, as mentioned above, this data item must be added to a vehicles device list in order for this device to record the selected data to the raw file.

### **TELGRAM SPECIFICATION:**

User configurable, see WINFROG I/O DEVICES > CONFIGURE DEVICE section above.