WinFrog Device Group:	**OUTPUT**
Device Name/Model:	**REALTIMEPLOT**
Device Manufacturer:	
Device Data String(s) Output to WinFrog:	
WinFrog Data String(s) Output to Device:	
WinFrog Data Item(s) and their RAW record:	DATA OUTPUT 450

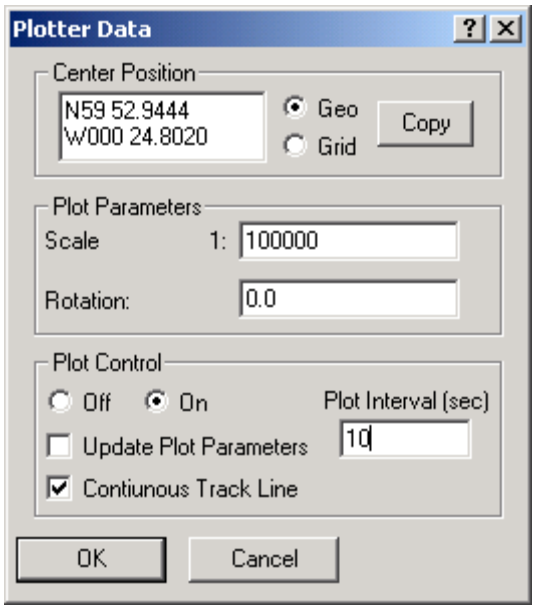
DEVICE DESCRIPTION:

This is a driver designed to output realtime navigation data to a plotter. This device requires 2-way communication with the plotter as it interrogates the plotter for the plotter status and plotter coordinates of the lower left and upper right hand corners of the plot.

DEVICE CONFIGURATION INSTRUCTIONS

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 Plotter Data dialog box appears, as seen below.



In this dialog box you can enter the center coordinates of the plot, as well as the scale and rotation of the real-time data that will be sent to the plotter. Note that values entered for the Rotation will be subtracted from the default rotation value of 360.

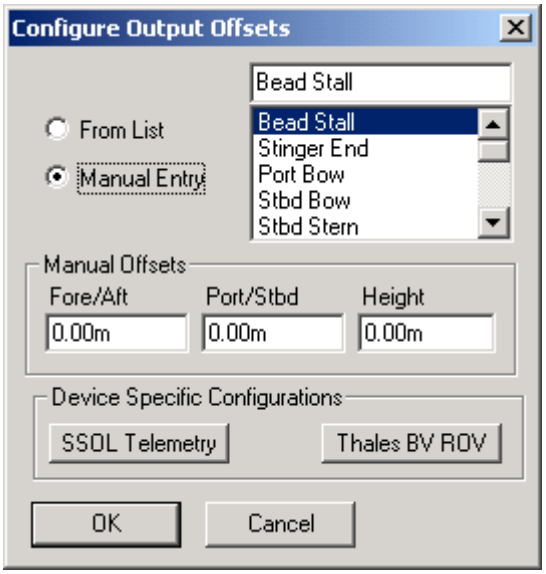
In the Plot Control section you can turn the plot data output On or Off, and if On is selected the Plot Interval can be specified. If changes are made to the Plot Parameters, select the Update Plot Parameters checkbox and exit with OK. If it is desirable to plot a continuous track line rather than simply the positions at the specified intervals, select the Continuous Track Line option.

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

Adding the REALTIMEPLOT device creates the DATAOUTPUT data item. Once the data item has been added to the vehicle, it must be edited to suit the application.

Data item: OUTPUT, REALTIMEPLOT, DATA OUTPUT

Highlight the OUTPUT, REALTIMEPLOT, DATA OUTPUT data item and click the Edit button to open the Configure Output Offsets dialog box as seen below.



Select the desired reference point for the coordinates that are to be placed in the telegram for plotting. If an offset point is not selected and the offsets are set to 0, the coordinate output will be the Central Reference Point (CRP).

The SSOL Telemetry and Thales BV ROV buttons are not used for this device.