

WinFrog Device Group:	OUTPUT
Device Name/Model:	Delph Output
Device Manufacturer:	
Device Data String(s) Output to WinFrog:	None
WinFrog Data String(s) Output to Device:	<p>\$,aaa.aaaaaaX,bbb.bbbbbbY,cccc.c,dddd.dd,eeee e.ee,fff.fCRLF</p> <p>Where: aaa.aaaaaaX Latitude X= N or S for the hemisphere bbb.bbbbbbY Longitude Y= E or W for the hemisphere both in degrees and decimal degrees. cccc.c Cable count (M) dddd.dd Altitude (M) eeeeee.ee Depth (M) fff.f Heading (degrees)</p>
WinFrog Data Item(s) and their RAW record:	No record added to the raw data file

DEVICE DESCRIPTION:

This device outputs the described data on a serial port.

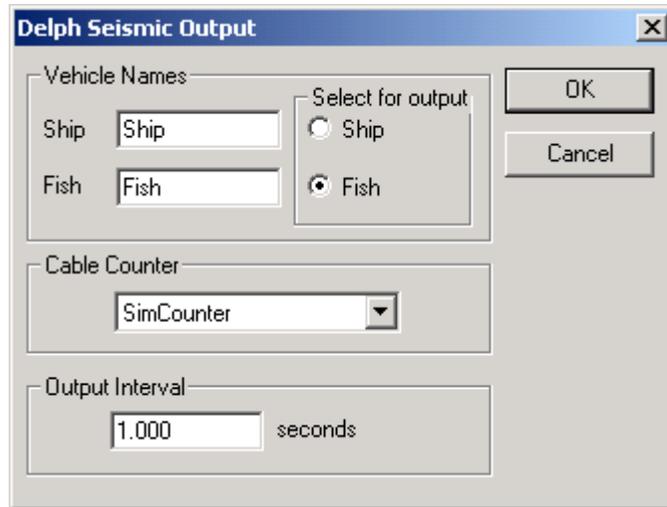
DEVICE CONFIGURATION INSTRUCTIONS

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 Delph Seismic Output dialog box appears, as seen below.



The ship name and fish name must be entered so WinFrog can identify the vehicle from up to 25 other potential vehicles. Their names must match exactly in both spelling and in case. Select which vehicle's coordinate is to be placed into the telegram.

Select the counter device whose cable count is to be output. The count data is assumed to be found in the prime (channel one or LCE) location. Also enter the output rate. However, data will only be output if there is a valid position for the chosen vessel, i.e. the vessel does not have a position alarm.

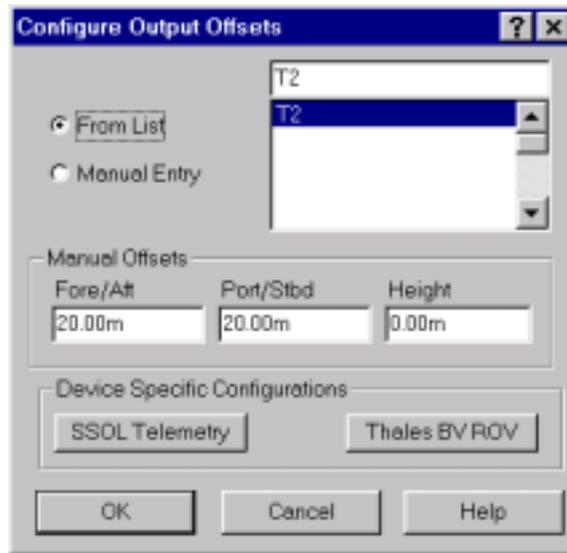
WINFROG VEHICLE > CONFIGURE VEHICLE DEVICES > DEVICE DATA ITEM > EDIT:

Adding the Delph Output device creates the DATA OUTPUT data item. Once the data item has been added to the vehicle, it must be edited to suit the application.

Data item: OUTPUT, Delph Output, DATA OUTPUT

Attach this data item to the Fish. If the coordinates of the ship are to be output then it must also be attached to the ship (i.e. attach to both). Failure to do this will result in no data output. Furthermore, if the vehicle selected does not have valid position, no data will be output.

When this data item is edited the following dialog appears:



Select the desired reference point for the coordinates that are to be placed in the telegram. 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.

TELGRAM SPECIFICATION:

\$,aaa.aaaaaaX,bbb.bbbbbbY,cccc.c,dddd.dd,eeee.ee,fff.fCRLF

Where:

aaa.aaaaaaX Latitude X= N or S for the hemisphere
 bbb.bbbbbbY Longitude Y= E or W for the hemisphere
 both in degrees and decimal degrees.
 ccccc.c Cable count (M)
 dddd.dd Altitude (M)
 eeeee.ee Depth (M)
 fff.f Heading (degrees)