

<b>WinFrog Device Group:</b>	<b>TIDE</b>
<b>Device Name/Model:</b>	<b>PTG500</b>
<b>Device Manufacturer:</b>	Environmental Systems and Services Pty Ltd 20 Council Street, PO Box 939 Hawthorn 3122 Melbourne, Victoria AUSTRALIA  Tel: 613 9835 7999 Fax: 613 9835 7900 email: enq@esands.com
<b>Device Data String(s) Output to WinFrog:</b>	
<b>WinFrog Data String(s) Output to Device:</b>	
<b>WinFrog Data Item(s) and their RAW record:</b>	TIDE DATA            380

**DEVICE DESCRIPTION:**

The PTG500 is a tide monitoring system consisting of an ultrasonic probe and a Tide Control Unit (TCU). It uses the ultrasonic probe to monitor the sea level, then the TCU performs various statistical operations on the raw data to produce a log of the sea level changes. The processor then controls sending the data over a radio link. Programming and setup of the gauge is done via either the front panel buttons and LCD display on the TCU or can be done remotely using the RS232 communication port. The PTG500 can store tide data as well as outputting data using the Radio PTT Output format for use in real time operations.

The PTG500 device is attached to a vehicle in WinFrog. WinFrog can then either apply the real time tide data to another device such as a sounder or LBL unit and/or record the tide data in the raw files.

***DEVICE CONFIGURATION INSTRUCTIONS***

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

- Serial
- Configurable Parameters

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

No configuration is required at the I/O Device window level.

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

Adding the PTG500 device creates the TIDE data item.

**Data item: TIDE, PTG500, TIDE**

There are no edit or configuration options for this data item. However you must add the **Tide, PTG500, TIDE** data item to the vehicle's device list in order to utilize tide data from this device in real time as well as to record tide data to the raw files.