

WinFrog Device Group:	TIDE
Device Name/Model:	TIDE FILES
Device Manufacturer:	Micronautics, Inc. (creator of tide files) PO Box 1428 Camden Maine 04843 Tel: 1-800-456-TIDE inside the US Tel: 1-207-236-0610 from abroad Fax: 1-207-236-6211 Email: jim@micronaut.com
Device Data String(s) Output to WinFrog:	
WinFrog Data String(s) Output to Device:	
WinFrog Data Item(s) and their RAW record:	TIDE DATA 380

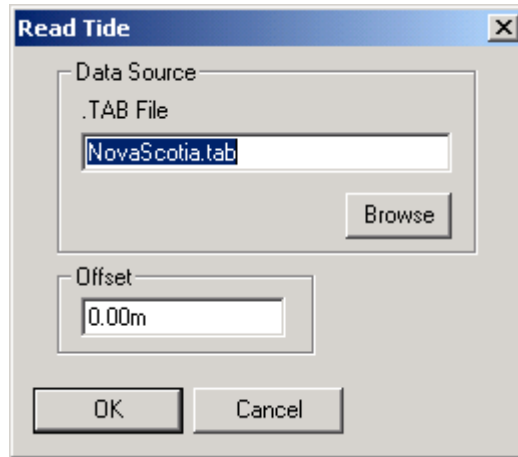
DEVICE DESCRIPTION:

The Tide Files device is actually a file of predicted tides produced by Micronautics, Inc. World Tide program. This program is used to generate predicted tides (*.tab format) for any time period for thousands of locations covering the entire globe.

DEVICE CONFIGURATION INSTRUCTIONS

WINFROG I/O DEVICES > EDIT I/O:

To read a tide prediction file, highlight the Tide Files device in the I/O window, right-click and select Edit I/O. This opens the Read Tide dialog box as seen below.



Use the Browse button to select the appropriate tide prediction file. Enter an offset, if required, to be applied to the tide data contained in the file.

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 TIDE FILES device creates the TIDE data item.

Data item: TIDE, Tide File, TIDE

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