WinFrog Device Group:	**COUNTER**
Device Name/Model:	**Weschler Bargraph**
Device Manufacturer:	Weschler Instruments 16900 FOLTZ PARKWAY CLEVELAND, OHIO U.S.A. 44149 Tel: (440) 238-2550 Fax: (440) 238-0660 EMAIL: sales@weschler.com
Device Data String(s) Output to WinFrog:	N/A
WinFrog Data String(s) Output to Device:	N/A
WinFrog Data Item(s) and their RAW record:	COUNT 492

DEVICE DESCRIPTION:

This device is designed to read cable speed and tension data from the Weschler Bargraph unit. It is capable of receiving up to four inputs from the Weschler unit each of which can be configured individually.

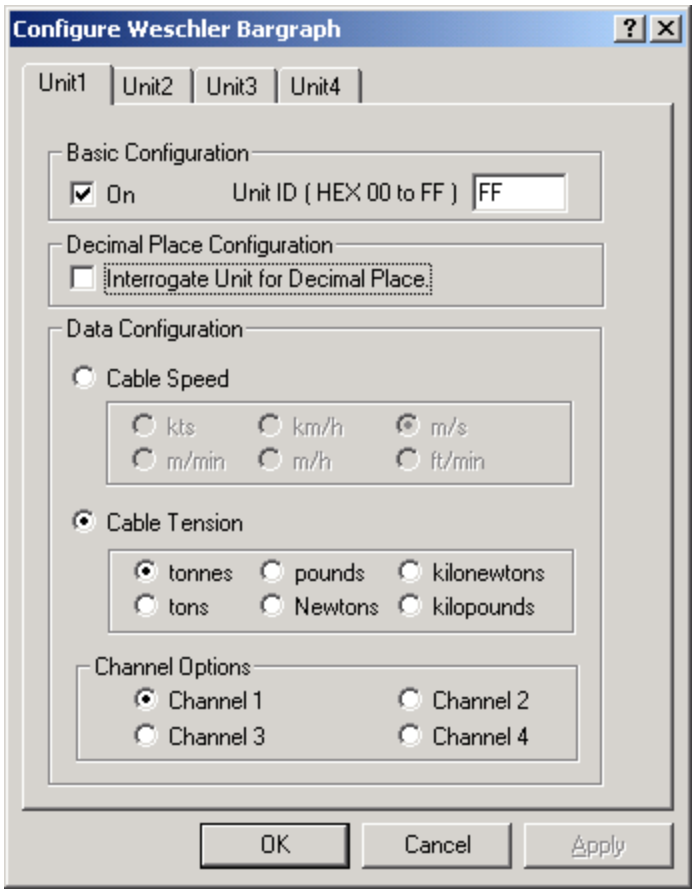
DEVICE CONFIGURATION INSTRUCTIONS

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 Configure Weschler Bargraph dialog box appears, as seen below.



This device can be configured to receive data from up to four inputs from the Weschler unit. Each input is configured individually from the four available tabs. To select and configure each input, select (check) the On option and enter the Unit ID. The ID is in HEX code 0X00 to 0XFF, though only the last 2 characters are entered. These characters can also be numbers depending on the setup of the system.

WinFrog automatically interrogates the Weschler unit to determine the number of decimal places for the data when this driver is initiated. If the operator determines that the data is not being properly decoded with respect to the decimal places (this is typically determined from observing the data in the Decoded data tab in the I/O Devices window), a new interrogation of the Weschler unit can be initiated by checking the Interrogate Unit for Decimal Place option and exiting with OK.

Select the appropriate units for both the cable speed and tension data. This option tells WinFrog which units to expect the respective data to be in so that WinFrog can do any relevant unit conversion.

The Channel Options section allows the operator to specify the appropriate channel for each unit to be used. As can be seen in the Real Time Navigation Updates Page section below, a typical configuration would be to assign the cable speed data to Channels I and/or 2 and the tension data to Channels 3 and/or 4.

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

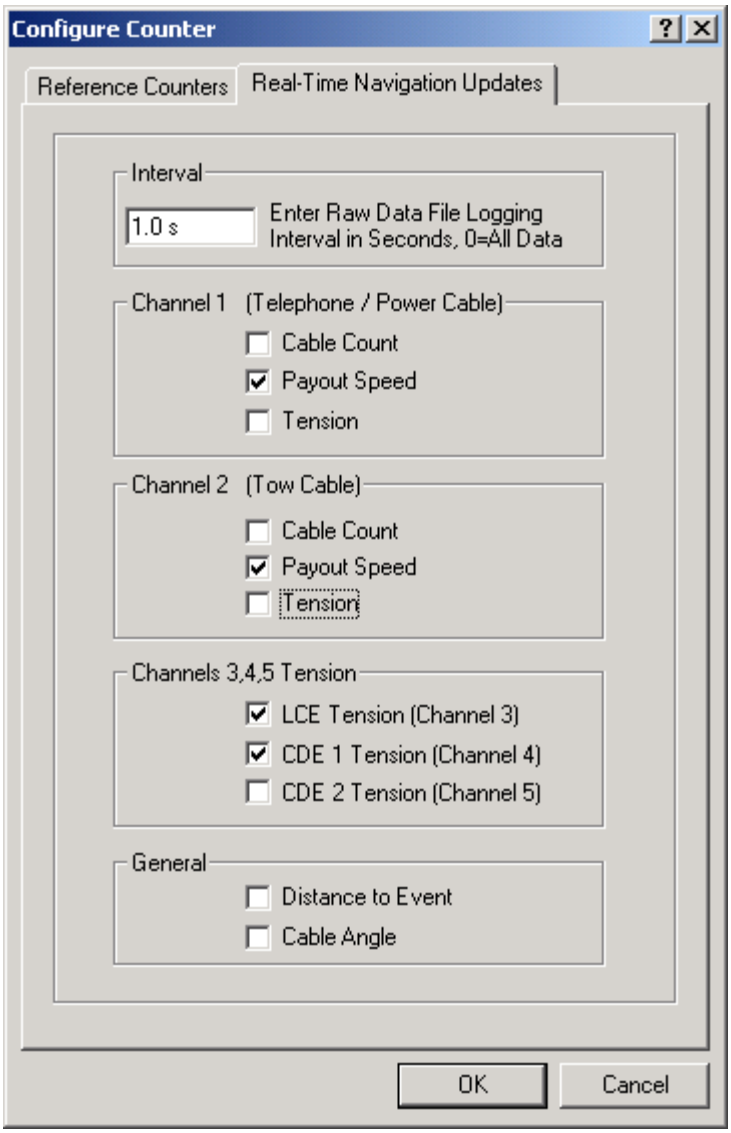
Adding the Weschler Bargraph device creates the COUNT data item. Once the data item has been added to the vehicle, it must be edited to suit the application.

Data item: COUNTER, Weschler Bargraph, COUNT

Highlighting the COUNTER, Weschler Bargraph, COUNT data item in the vehicle's device list and clicking on Edit opens the Configure Counter dialog box.

This data item configuration dialog has two pages, the Reference Counters page and the Real-Time Navigation Updates page. As the Weschler Bargraph unit only provides cable speed and tension data, the Reference Counters page is not used.

Real-Time Navigation Updates Page



This page enables/disables certain data from this device to be passed to the vehicle. This allows the vehicle to have more than one COUNT data item without one conflicting with the other. One COUNTER device may provide the telephone cable speed while the other provides the cable count. If a checkbox is selected (checked) the data value will be passed to the vehicle. For example, if the *Cable Count* checkbox is selected in the *Channel 1* section, then the cable count from the input device will be passed to the vehicles channel 1 count.

It is important to note that if the data string from the counter device does not contain certain data types (count, tension or speed), these options should not be selected from this page. Selecting an option for which there is no data in the string causes WinFrog to assign a zero in the selected field and it may result in valid data from other sources being overwritten with zeroes.

The *Interval* section sets the data logging interval used when the “With Events” Logging Control option is selected (refer to chapter 10 of the WinFrog User’s Guide for more information).