

WinFrog Device Group:	Output		
Device Name/Model:	SIMRAD TENSION		
Device Manufacturer:	KONGSBERG SIMRAD AS DYRMYRGATA 35, P.O. BOX 483 3601 KONGSBERG NORWAY Phone: 47 32 28 50 00; Fax: 47 32 73 59 87 <u>E-mail: WebOffice@kongsberg.simrad.com</u> <u>http://www.kongsberg-simrad.com/</u> KONGSBERG SIMRAD INC. 7250 LANGTRY STREET HOUSTON TX 77040-6625, U.S.A. Phone: 1 713 934 8885; Fax: 1 713 934 8886		
WinFrog Data String(s) Output to Device:	Comma delimited ASCII String		
	FIELD	FORMAT	DESCRIPTION
	1	\$PRPITEN,	Start of Message
	2	d	Winch number 1 = Channel 3, CDE1 2 = Channel 4, CDE2 3 = Channel 5, LCE 4 = Channel 2, Plow Tension
	3	f.d	Tension (kN)
	4	c	Status A = Good V = Bad
	5	dd	<CR><LF>
WinFrog .raw Data Record Type(s):	DATA OUTPUT: Type 450		

DEVICE DESCRIPTION:

An output device that provides tension data to a Simrad DP system. One tension value is sent per telegram; the data output cycles through four tension channels at 4 Hz. The message status is set to 'V' (Bad) if WinFrog has not received new tension data for the related channel in the past five seconds.

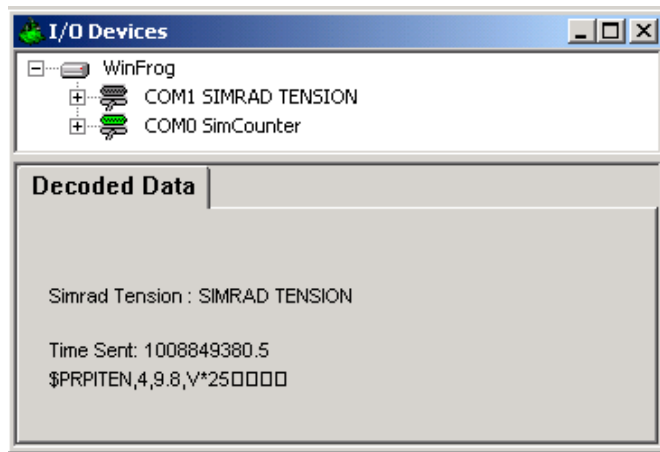
DEVICE CONFIGURATION INSTRUCTIONS:

Baud Rate: 9600
Bits Per Character: 8
Stop Bits: 1
Parity: None

WINFROG I/O DEVICES > CONFIG OPTIONS:

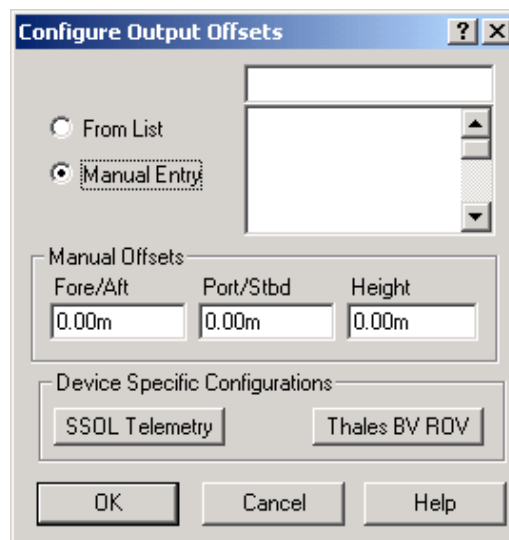
No device configuration options are available at the I/O Devices level.

*SIMRAD TENSION I/O Devices
Window with Simulated Counter
Device Added*



WINFROG VEHICLE TEXT WINDOW > CONFIGURE VEHICLE DEVICES > DEVICE > EDIT OPTIONS:

The OUTPUT, SIMRAD TENSION, DATA OUTPUT data item is created. This data item must be added to the appropriate vehicle in order for the tension data to be output to the DP. The standard Configure Output Offsets dialog box appears as seen below.



As this device outputs only the tension data to the DP, the offsets for the position of the data are not applicable. The SSOL Telemetry and Thales BV ROV are configuration options specific to these two devices and therefore do not apply to this device.

The counter device that is outputting the relevant tensions must also be added to WinFrog and the appropriate data items from this device must be attached to the same vehicle as the Simrad Tension device in order for updated tension readings to be output to the DP.