WinFrog Device Group:	OUTPUT
Device Name/Model:	Pirelli Cavi
Device Manufacturer:	**Pirelli Cavi E Sistemi SpA** Viale Sarca, 222 20126 Milano Italy Tel: +3902 6442.5328 or 5588 Fax: +3902 64424617 or 3508 Email: paolo.veglio@pirelli.com URL: www.pirelli.com/cables
Device Data String(s) Output to WinFrog:	NONE
WinFrog Data String(s) Output to Device:	See Telegram Specification section below.
WinFrog Data Item(s) and their RAW record:	OUTPUT NONE

DEVICE DESCRIPTION:

This is a driver designed to output the KP values from WinFrog, for both the ship and plow vehicles, to the Pirelli Cable Lay computer system. It is important to note that several conditions must be met before this data is output:

1) The device must be configured correctly at the I/O Devices window level (see below for details).
2) The OUTPUT, Pirelli Cavi, OUTPUT data item must be added to both vehicles in WinFrog.
3) Both vehicles must be tracking a line (i.e., have the Line Tracking function enabled).
4) Both vehicles must have valid positions. If the positioning source from either vehicle fails, this data item will stop outputting the KP data for both vehicles.

DEVICE CONFIGURATION INSTRUCTIONS

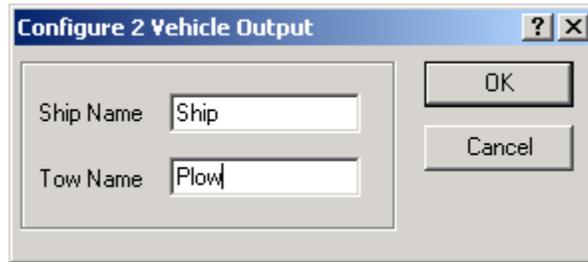**WINFROG I/O DEVICES > EDIT I/O:**
Serial
Configurable Parameters

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 2 Vehicle Output dialog box appears, as seen below.

Enter the names of the two vehicles for which KP data is to be output. Note that the names must match exactly with the names assigned to the vehicles, both in spelling and in case.

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

Adding the Pirelli Cavi device creates the OUTPUT data item.

Data item: OUTPUT, Pirelli Cavi, OUTPUT

There are no edit options available for this data item. However, this data item must be added to both vehicles' device lists in order for the driver to output the data.

TELGRAM SPECIFICATION:

The out data telegram contains the following data;

RxxxxxxxHH:MM:SSxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxSSSSSSSxxxTTT TTTTxxxxxxxxxx<CR><LF>

where SSSSSSS = ship KP and TTTTTTT= towed vehicle KP.