

<b>WinFrog Device Group:</b>	<b>Recording</b>
<b>Device Name/Model:</b>	<b>MACHASTRING</b>
<b>Device Manufacturer:</b>	<b>Macha International, Inc.</b> 11246 South Post Oak Rd. Suite 322 Houston, TX 77035  Tel: 1 (713) 723-5040; Fax: 1 (713) 723-8452; Email: <a href="mailto:sales@macha.com">sales@macha.com</a>
<b>Device Data String(s) Output to WinFrog:</b>	See Telegram Specification section below.
<b>WinFrog Data String(s) Output to Device:</b>	NONE
<b>WinFrog Data Item(s) and their RAW record:</b>	STRING                  609

**DEVICE DESCRIPTION:**

This is a driver written to receive and record data from the MACHA device. It decodes and records information from the input data string indicating whether the port or starboard gun array has been fired and this information can subsequently be read by Closure or Timer devices for generation of P190 records.

***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 MACHASTRING device creates the STRING data item.

**Data item: RECORDING, MACHASTRING, STRING**

There are no edit options available for this data item. However, this data item must be added to the vehicle's device list in order for data recording to take place.

**TELGRAM SPECIFICATION:**

There is no set format required for the data string from the MACHA device. This driver will read and record any comma-delimited message from the MACHA device along with the time at which the message was received. One feature of this driver is that the "gunswitch" data is decoded from the message, which is then read later by the Closure and Timer devices for the generation of their P190 messages. The gunswitch settings are 0=port guns fired, 1=starboard guns fired.