

# frequently asked questions

## CND Chart Plotters

**“I have had the software on my CND upgraded from version 1.0x to 2.xx, the instruments connected to the main NMEA output are no longer receiving data – what’s wrong?”**

To enhance the NMEA output from the unit the serial port used has changed – this ensures faster, more consistent data output.

The NMEA output wire used previously (white) needs to be swapped for the new NMEA output lead (blue) – this is the only wiring change required.

Connections for v2.xx software versions are as follows:

### Power/Data



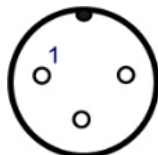
This is the main Power and Navigation NMEA port. The *CND* receives data from the GPS receiver and sends data to the instrument system using this port.

Sentences decoded: DBT, DPT, GGA, GLL, GSA, GSV, HDG, HDM, HDT, MWV, RMC, VHW, VTG, VWR, VWT, WPL, ZDA and DTM (B&G special).

Sentences Transmitted: APA, APB, BOD, BWC, BWR, DBT, GGA, GLL, HDG, HSC, RMA, RMB, RMC, VTG, WCV, XTE, ZDA and VTG.

Pin	Colour	Signal
1	Red	+12 Vdc
	Black	0Vdc NMEA OUTPUT (GND)
	Blue	NMEA OUTPUT+
	Green	NMEA INPUT +
	White	UNUSED
	Yellow	NMEA INPUT –
	Screen	SCREEN

### NMEA In (Instrument Interface)



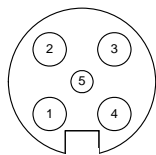
Auxiliary NMEA input port for NMEA messages transmitted by the instrument system.

Sentences decoded: DBT, DPT, HDG, HDM, HDT, MWV, VHW, VWR, VWT and WPL.

This connector is disabled if an h1000 system is connected to the FastNet<sup>2</sup> connector.

Pin	Colour	Signal
1	Red	NMEA INPUT+
	Blue	NMEA INPUT-
	Green	SCREEN

### Fastnet<sup>2</sup>



Front view of male connector pins

One FastNet<sup>2</sup> connector is provided at the rear of the unit. For connection to the h1000 system.

If this connector is used then the NMEA In (Instrument Interface) connector above will not operate.

Pin	Signal
1	12V
2	NETWORK BUSY
3	DATA-
4	DATA+
5	0V