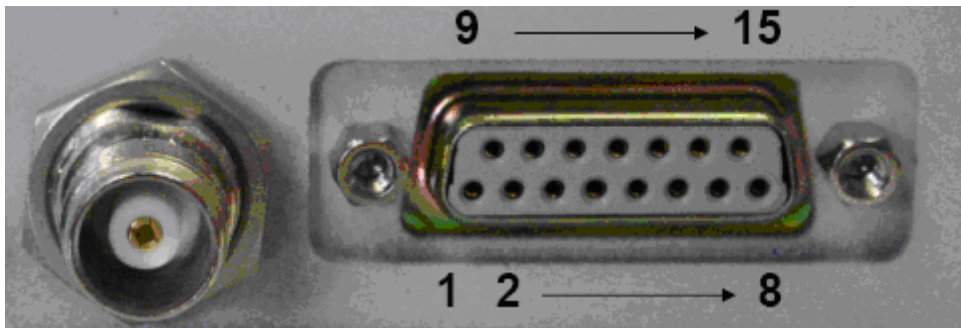


<b>TECHNICAL NOTE</b>	Date: 2010-02-26	Document class: Information
Handled by: Nils Willart		Document No.: CTRX-07-001-1
Product: AIS CTRX	Software version: N/A	Rev: 1
Title: Power and data connector pin assignment		

### 15 pin D-sub connector



Pin	Signal	Color	Garmin	Raymarine*
1	Power supply +12 VDC	Brown		
2	RS-422 TX A (+)	Orange	Nmea port (RX port, A) **	White (+)
3	RS-422 RX A (+)	Brown		
4	No connection			
5	No connection			
6	No connection			
7	No connection			
8	SRM switch (close to GND)	N/A	N/A	N/A
9	Power supply 0V /GND	Blue		
10	RS-422 TX B (-)	Black	Nmea port (RX port, B)**	Green (-)
11	RS-422 RX B (-)	White		
12	RS-232 TX Data	Red	Serial port (Nmea, +)***	
13	RS-232 RX Data	Blue		
14	Signal ground (RS-232)	Green	Serial port (Nmea, -)***	
15	No connection			

\* AIS compatible firmware versions: C-series: 4.25, E-series: 3.22

\*\* GPSmap 4000/5000 series (for detailed information, refer to manual)

\*\*\* GPSmap 3000/500/400/300/200 series (for detailed information, refer to manual)

#### TRUE HEADING AB

Office address  
Vendevägen 90  
132 82 DANDERYD  
Sweden

Phone  
+46 8 6222660

Telefax  
+46 8 54593910

E-mail  
[info@trueheading.se](mailto:info@trueheading.se)

Registered office  
Stockholm

Org.no  
556658-5054

V.A.T No.  
SE556658505401

Internet  
[www.trueheading.se](http://www.trueheading.se)