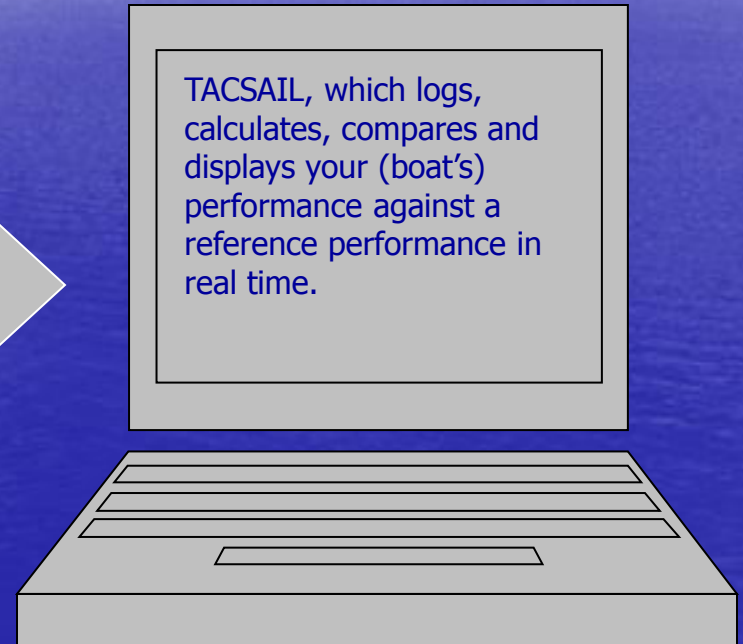
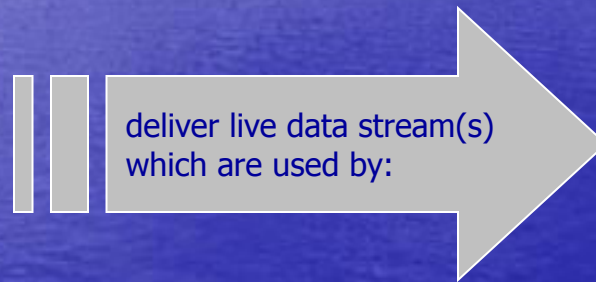
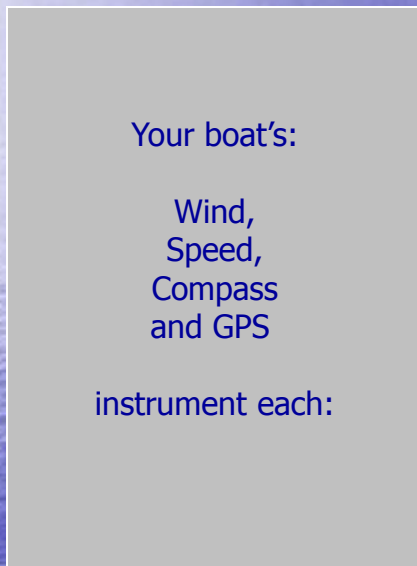


Connecting your instruments to TACSAIL

A quick guide

Basic setup



Can I use my present instruments ?

- Yes, all current systems have the possibility to offer live data-streams in the form of standardized NMEA 0183 or NMEA 2000 sentences.
- This is true even if internally they use proprietary systems to interconnect their own range of instruments.

What are these live NMEA sentences exactly ?

- They are simple text messages containing the data as measured by the instrument.
- The messages in general are updated at a rate of 1 message/second.
- The many different types of NMEA 0183 messages (from the different instruments) are identified by three specific characters. For example a GPS position message is generally referred to as being an "RMC" sentence.

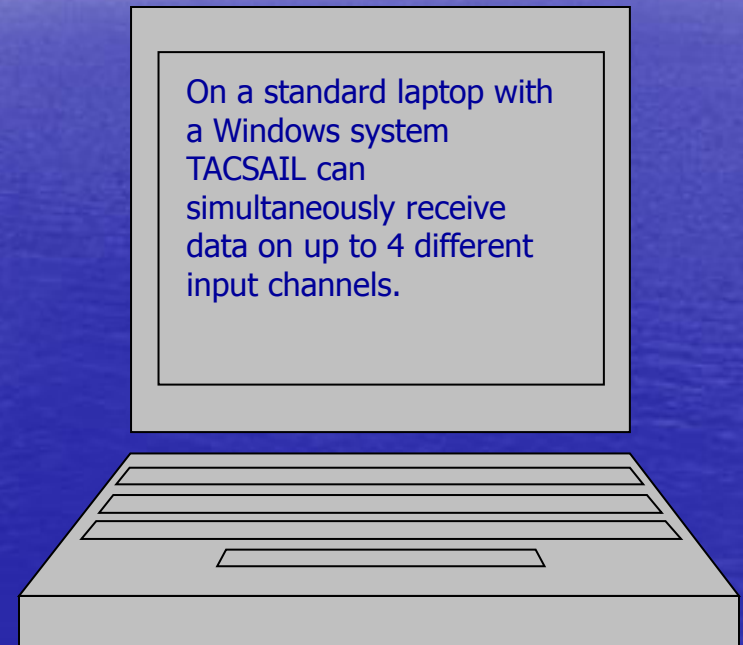
Which NMEA sentences does TACSAIL need ?

- RMC sentence from GPS
- VWR or MWV sentence from Wind instrument
- HDM sentence from Compass instrument
- VHW sentence from the Speed log

- Other type of sentences are decoded as well but are not basically required for the performance calculations.

Now, how do I connect my instruments ?

- Via simple 2-wire cable(s)
- Via a bluetooth connection
- Via a Wifi connection
- Or any combination of the above



What is the best way to connect ?

- Since TACSAIL can connect to almost any system the answer to this depends mostly on the possibilities of your boat instrument system.
- Consult the manuals / dealer.
- If in doubt e-mail your question(s) to info@tacsail.com . We'll be glad to offer you individual advice.