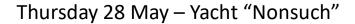
## In Class Example





Time	Log	Cse	Wind	L/W	Notes
1055 SPDST	54.0	105C	N3	5	GNSS Fix - 45° 41.7′N / 006° 20.8′W Making for WP4 at 45° 40.6′N / 006° 14.2′W Current average speed = 5.5 knots.

The Skipper wants to determine the Course to Steer (CTS) from the present position to the waypoint. Work out:

- 1. The time of HW and range of the tide at Victoria in the morning of 28 May. Is this range springs, neaps or in between?
- 2. Convert the time of HW to SPDST.
- 3. Which tidal hour do we need to use to determine the tidal stream from 1055 to 1155 SPDST?
- 4. Using <>R what is the set and drift for this hour?
- 5. Plot the start position and the WP, then draw a one-hour triangle to find the CTS in °T.
- 6. Convert the CTS to a <u>magnetic</u> bearing (°M).
- 7. The skipper expects to make **10deg leeway** on this new course what is the <u>compass</u> course (°C) you pass to the helm to correct for this?





## In Class Example (Continued)

- 8. What is the expected speed over the ground (SOG)?
- 9. What is the estimated time of arrival (ETA) at WP4?



