

Set & Drift

(Note: current is always expressed a True)

On a chartlet

1.
 - You are at Epsilon, heading 062M at 5 Kts
 - The tide table tells you that the current is running 030T at 1.5 kts
 - What is your course to steer (CTS) **068M**
 - What is your SOG: **6.3kts.**
2.
 - You are at Gamma, your course 189M at 4.5 Kts
 - The tide table tells you that the current is running 310T at 1.5 kts
 - What is your course to steer (CTS): **173M**
 - What is your SOG: **3.4 Kts**
3.
 - You leave Beta at 1015 enroute to Gamma at 5Kts
 - At 1130 you are 100' from Buoy Delta
 - What was the current **119T/1.3**
4.
 - Based on the current you calculated above
 - What is your course PSC to Gamma: **287 PSC**
 - When will you get there? **3.8 SOG/0+36/1236**
5.
 - At 1525 you get a fix at N26-06.2/W075-04.72
 - You are on a steering course 215 PSC, boat speed 4kts
 - At 1625 Pt. Delta bears 058M and you are on the range formed by the range beacons on Radio Tower Island
 - **What was the current: 081T/1.6**