

Getting a course to steer:

Find starting point Draw line from starting point thro destination

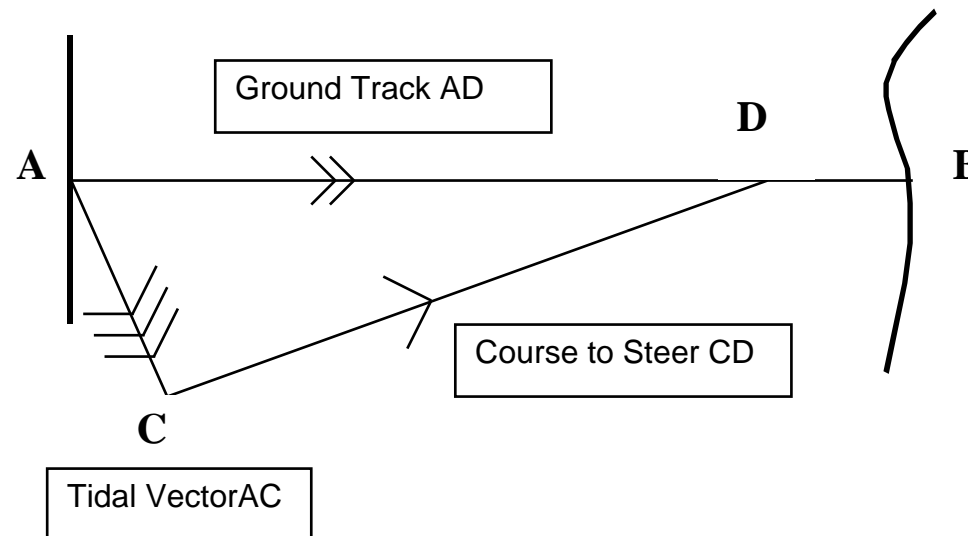
Measure distance AB Check speed and work out approx journey time

Find out tides for journey time Draw tidal vector(s) from start point AC

Measure speed (distance for journey)

Put one end of the dividers (opened to boat speed)where tidal vector ends and draw an arc to the line that goes from the start thro the finish.

Draw line from end of tidal vector joining the arc - This is course to steer CD



$$\text{Time of journey A to B} = \frac{\text{Distance Required} \times \text{Time Unit}}{\text{Distance Actually Travelled}}$$