

Guide 4: Geographic range, running fix, set& drift

Geographic Ranges

1. How far is that light on the horizon:

- Standing on Imagine, your height of eye is about 10 feet
- At what range are you likely to see Anacapa Light?

2. Running Fix – Chart TR 1210

- Enroute from The Harbor (SW corner of chart) to Or W“A” buoy, NE of The Harbor
- Speed 5 kts.
- Depart 0815 065 PSC
- 0830: House at Clay Head bears 320 M
- 0930 Same house bears 270 M

What is your position ? _____

Start DR at Light leaving harbor

3. Based on the last fix, we drifted off our track

- What was the SET _____
- What was the DRIFT _____

4. We get a GPS fix that confirms the running fix

- Using the Set and Drift just calculated, what is the heading to go from the GPS fix to the buoy?

Start your DR at the Light as you leave the harbor.

In order to figure out the heading to that point and the boat speed, extend your track line past the check point 5 miles or so. That way you'll be able to scribe your 5kt arc.

- What is the ETE to the buoy?