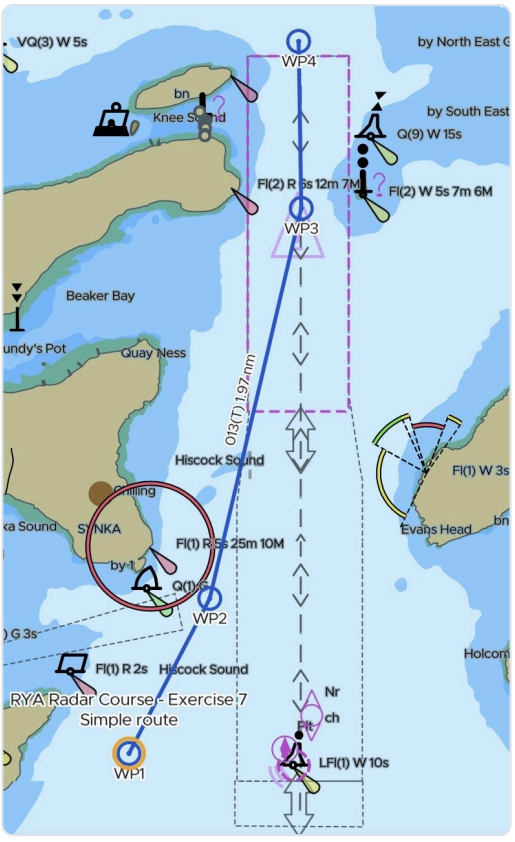
Exercise 7 – Parallel indexing

15 minutes

EXERCISE SUMMARY

Learner to … ‘Execute a passage from the east of ‘Swifta Island’ heading to the NE leaving ‘Synka Island’ to your port. Use parallel index lines to stay a safe distance off the island until you clear ‘Calf of Synka’.’



Legs 1 - 3 · WP1 – WP4

PREVIOUS KNOWLEDGE, UNDERSTANDING OR SKILLS

Has completed Exercise 6 so understands how to use VRMs to assist with navigation and holding a distance off a coast.

AIM

To evolve the understanding of VRMs to apply this knowledge to use Parallel Index lines.

DESIRED LEARNING OUTCOMES

- To ensure learner understands how to set-up and use PIs and the benefits of PIs vs VRMs.
- Learner to appreciate that PI lines are not a feature on most radar displays in the small boat sector.

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SESSION RUNNING ORDER

- Learner to set up radar as per previous exercises and then determine a preferred distance to hold off a line drawn between ‘Huckle Head’ and ‘Leslie Head’.
- Learner to set up parallel index line to hold off this line at pre-determined distance.
- As vessel approaches Leslie Head learner to align second PI onto ‘Rods Skerry’ isolated danger to head due north using Rods Skerry as a reference.

Leg 1 — 030°T
Waypoint 1 (Start position) to Waypoint 2

Leg 2 — 015°T
Waypoint 2 to Waypoint 3

Leg 3 — 000°T
Waypoint 3 to Waypoint 4

STRETCH OPTIONS AND OTHER COMMENTS

None

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