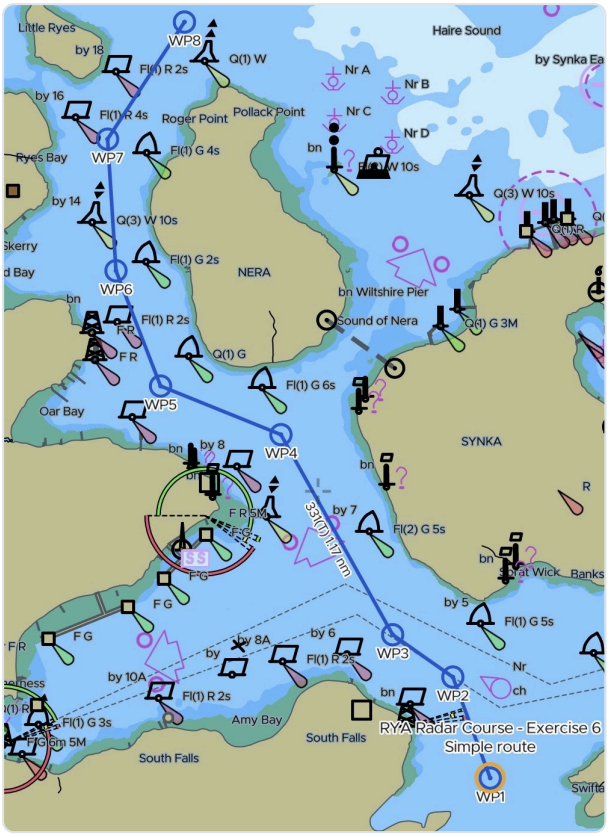
Exercise 6 – Single & dual VRMs

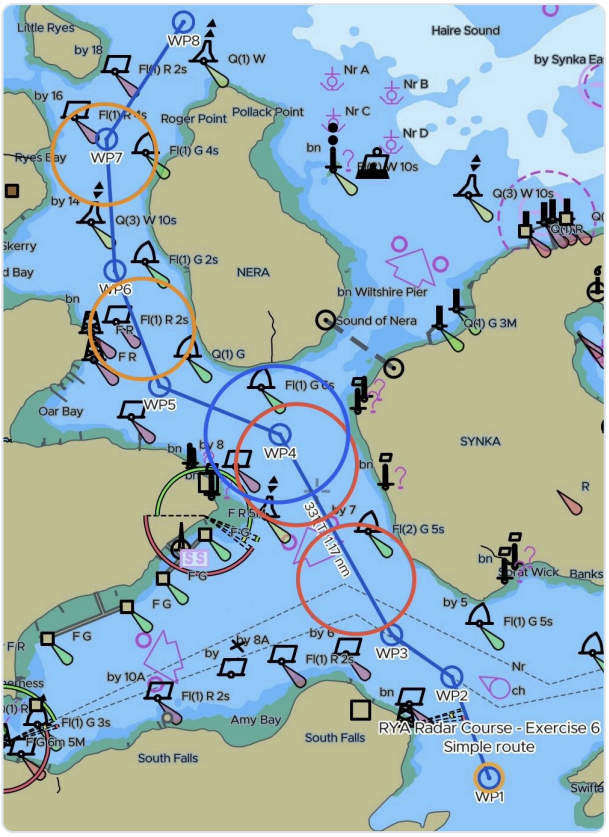
20 minutes

EXERCISE SUMMARY

Learner to … 'Execute a passage from the west of 'Pool Point' on 'Swifta Island' to the NW through Synka Sound passing to the west of 'Nera Island'. Use single and dual VRMs to maintain a safe distance from shore. As you reach 'Torre Point' switch to using use offset VRMs to maintain a safe distance off.'



Legs 1 - 7 · WP1 – WP8



VRM positions · WP1 – WP8

PREVIOUS KNOWLEDGE, UNDERSTANDING OR SKILLS

Has completed Exercise 5 and so has the ability to set up and adjust VRMs.

AIM

To develop the ability to use single and dual VRMs for navigation as a means to maintain a defined distance from charted features.

DESIRED LEARNING OUTCOMES

- Can set up and adjust VRMs and choose appropriate features to utilise VRMs with.
- Can use a single VRM to navigate with. Understands the benefit of using dual VRMs and can set these up to navigate along a coast maintaining a distance off between the two VRMs.
- Can position a VRM offset from the vessel to navigate with and understands the benefits and disadvantages of doing so.

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SESSION RUNNING ORDER

- Before proceeding learner to set-up radar and also a single VRM.
- Learner to determine an appropriate distance to hold off the north east of South Falls. Then as vessel progresses an appropriate distance off the edge of Synka Island.
- A second VRM can then be introduced to determine the arrival at a suitable turn point south of Nera Island to then head up the west of Nera Island.
- For this stage of the passage use dual VRMs to allow the shore of Nera Island to run between the two VRMs.
- As the vessel reaches ‘Claw Point’ stop the vessel and offset a VRM to lay the offset EBL between Claw Point and Little Ryes Island.

Leg 1 Waypoint 1 (Start position) to Waypoint 2	**340°T**
Leg 2 Waypoint 2 to Waypoint 3	**305°T**
Leg 3 Waypoint 3 to Waypoint 4	**330°T**
Leg 4 Waypoint 4 to Waypoint 5	**290°T**
Leg 5 Waypoint 5 to Waypoint 6	**340°T**
Leg 6 Waypoint 6 to Waypoint 7	**355°T**
Leg 7 Waypoint 7 to Waypoint 8	**035°T**

STRETCH OPTIONS AND OTHER COMMENTS

None

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