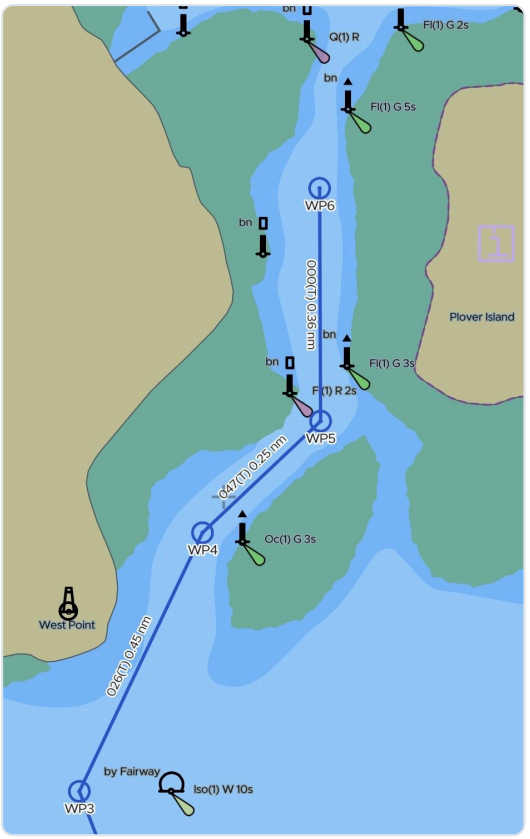
Exercise 2 – Operating in restricted visibility

20 minutes

EXERCISE SUMMARY

Learner to … 'Execute the same passage from 'Leslie Head' to enter 'Rozelle Cove Marina'. However, during this passage the visibility will markedly deteriorate. As visibility reduces you will need to use the radar skills developed in Exercise 1 to complete the passage safely.'



Legs 3 - 5 · WP3 – WP6



Legs 1 & 2 · WP1 – WP3

PREVIOUS KNOWLEDGE, UNDERSTANDING OR SKILLS

Completed Exercise 1 and demonstrated an ability to set up the radar correctly and adjust the radar on passage alternating between the available view options – 'out of boat' view, radar display and plotter.

AIM

To develop the understanding of radar settings and controls developed in Exercise 1 but with the additional challenge of doing so in restricted visibility.

DESIRED LEARNING OUTCOMES

- Evidence competence in helming the simulator, navigating between 'out of boat' view, radar, plotter and exercise control screens.
- Can set up the radar correctly and then navigate safely in restricted visibility utilising the radar in an appropriate way for the passage.
- Can identify the targets visible on the radar to determine what they relate to when viewing the chart.

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Note: Other vessels will transit the area however it is **NOT** expected for this exercise that the learner will apply Rule 19.

SESSION RUNNING ORDER

Leg 1

000°T

Waypoint 1 (Start position) to Waypoint 2

Learner to begin by setting up the radar appropriately for the passage. Then proceed on the passage.

Leg 2

340°T

Waypoint 2 to Waypoint 3

Learner to navigate towards entrance to Rozelle Cove at an appropriate speed. Learner to take opportunity to alternate between radar, plotter and visual and to make adjustments as per above.

They will need to be aware of other vessels but are not expected to react to those vessels in this exercise.

Leg 3

025°T

Waypoint 3 to Waypoint 6

Navigate towards Rozelle Cove Marina along the narrow channel alternating between the available views.

STRETCH OPTIONS AND OTHER COMMENTS

As the session operates in restricted visibility it is important that the learner adopts a ‘safe speed’ relative to the conditions.

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