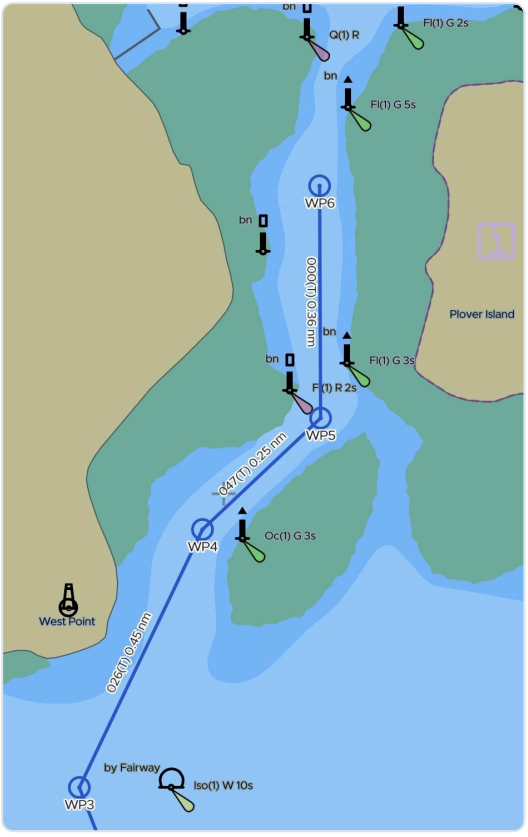
# Exercise 4 – Collision avoidance in poor visibility

20 minutes

## EXERCISE SUMMARY

Learner to… ‘Execute the same passage starting in the channel to the west of ‘Plover Island’ to ‘Leslie Head’. However, during this passage the visibility will markedly deteriorate. As visibility reduces you will need to use the radar skills developed in Exercise 3 to complete the passage safely.’




Legs 1 - 3 · WP6 – WP3




Legs 4 & 5 · WP3 – WP1

## PREVIOUS KNOWLEDGE, UNDERSTANDING OR SKILLS

Has evidenced during Exercise 3 an understanding of how to optimise the radar for collision avoidance.

## AIM

To demonstrate their ability to utilise the radar for collision avoidance in restricted visibility and then take appropriate avoiding action applying Rule 19 correctly.

## DESIRED LEARNING OUTCOMES

- Can apply all of the lessons so far to effectively monitor other vessels and then act as required according to the collision regulations.

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## SESSION RUNNING ORDER

- Instructor to try to provide little guidance to the learner but prompt improvement in what they are doing as necessary.
- As collision situations evolve instructor to monitor learner reactions and ensure appropriate application of Rule 19 occurs.

**Leg 1** — 205°T
Waypoint 6 (Start position) to Waypoint 4 by eye. Then from Waypoint 4 on heading.

**Leg 2** — 160°T
Waypoint 3 to Waypoint 2

**Leg 3** — 180°T
Waypoint 2 to Waypoint 1

## STRETCH OPTIONS AND OTHER COMMENTS

**Note:** This exercise introduces practical application of Rule 19 so it's important that the theory to this is appropriately addressed before the passage commences.

As per Exercise 2 the exercise is conducted in restricted visibility so it is important that the learner operates the vessel at a safe speed.

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