

Motorboat simulator navigational exercises No1

Lost & find at Port Scenery:

Name:

Part One - Plot a position on Chart Aus 811, and use the simulator to find the following casualties, navigating with due care and attention both to the navigational markers and the soundings encountered. Use *Port rescue east Saved Scenery* (Port Scenery).

Scenario 1:

12 mtr trawler sinking near the Settlement Point Ferry.

31° 24'.2 S 152° 54'.2 E

Scenario 2:

Backpacker lost at Dick's Hole in Limeburners Creek.

31° 23'.4 S 152° 52'.9 E

Scenario 3:

White sailing dinghies adrift in the Regatta Grounds.

31° 25'.16 S 152° 52'.2 E.

Scenario 4:

Green yacht drifting ashore at the Whalebone Wharf.

31° 25'.2 S 152° 52'.25 E.

Scenario 5:

12 metre trawler requires tow at the P M Slipways dock.

31° 24'.5 S 152° 49'.4 E.

Scenario 6:

12 metre trawler aground on Green Point spit at Hugh's Inlet. 31° 24'.0 S 152° 47'.6 E.

Part Two - Plot a position on Chart Aus 811 from the information that has been reported, and use the simulator to find the following casualties. Plan your C.C.T.S to the casualty from your given position and calculate the E.T.A. using the maximum speed for the conditions and your selected rescue vessel:

Scenario 7:

Trawler broken down at: Position _____
Tacking Point (199°M)
Hastings River (240°M)
Mt Cairncross (270°M)
Cliff Peak (337°M) Sounding 40 mtrs

TCTS _____°T CCTS _____°C Distance ____NM ETA + __hrs__mins

Scenario 8:

Green yacht broken down off Port Macquarie: Position _____
Transit Hill (198°M)
Tacking Point (177°M)
Mt Cairncross (278°M)
Cliff Peak (355°M) Sounding 22 mtrs

TCTS _____°T CCTS _____°C Distance ____NM ETA + __hrs__mins

Scenario 9:

Green yacht requires medical assistance: Position _____
Transit Hill (240°M)
Tacking Point (216°M)
Knobbies Hd. (268°M)
Hastings River (289°M) Sounding 31 mtrs

TCTS _____°T CCTS _____°C Distance ____NM ETA + __hrs__mins

Scenario 10:

Yellow buoy reported adrift at: Position _____
Cliff Peak (317°M)
Pt Plomer. (254°M)
Green Islet (335°M) Sounding 28 mtrs

TCTS _____°T CCTS _____°C Distance ____NM ETA + __hrs__mins

Scenario 11:

Blue yacht driving onto beach north shore: Position _____
 Bago (225°M)
 Cliff Peak (005°M)
 Mt Cairncross (267°M) Sounding 2.6 mtrs

TCTS _____°T CCTS _____°C Distance ____NM ETA + __hrs__mins

Scenario 12:

12 metre trawler needs fuel (in Barries Bay): Position _____
 Green Islet (352°M)
 Mt Cairncross (250°M) Sounding 5.4 mtrs

TCTS _____°T CCTS _____°C Distance ____NM ETA + __hrs__mins

Scenario 13:

Blue yacht, transit of Tacking Pt/Transit Hill: Position _____
 Tacking Point (293°M)
 Bird Rock (318°M)
 Cliff Peak (346°M) Sounding 40 mtrs

TCTS _____°T CCTS _____°C Distance ____NM ETA + __hrs__mins

Scenario 14:

Sailing dingy adrift at: Position _____
 Port Macquarie (203°M)
 Cliff Peak (327°M) Sounding 32 mtrs

TCTS _____°T CCTS _____°C Distance ____NM ETA + __hrs__mins

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