

## PORT SARCC NAV EX 4 – LAST KNOWN POSITION AND DRIFT:

### Task:

To find the search datum with the current information gathered.

$$\text{SEARCH DATUM} = \text{LAST KNOWN POSITION} + \text{DRIFT}$$

### Search Scenario One Initial Reports:

**1330** - Message received by SARCC from vessel “Blue Moon”–




- “Blue Moon” reports MOB in position **31° 29'.70 S 152° 58'.35 E**

**1400** - Message received by SARCC from vessel “Crown Rescue One”–

- “CR1” arrives at scene - no sign of MOB - CR1 deploys the drum.

**1420** - Message received by SARCC from vessel “Crown Rescue One”–

- “CR1” and drum now drifted to position **31° 30'.35S 152° 58'.00 E**

Now prepare your Operational Plan	
<p>What is the current direction &amp; and rate?</p> <p>What is the expected position of the person overboard at 1430 hours ?</p> <p>What is the expected position of the person overboard at 1530 hours ?</p>	
<p>Operational information: <i>Distance to go - (LKP to Search Datum)</i></p> <p><i>Today's Forecast -</i></p> <p><i>Today's Tides -</i></p> <p><i>Today's Daylight -</i></p> <p><i>En-route Hazards -</i></p>	
<p>De-briefing.</p>	 <p>Did you: Find a current. New position.</p>
<p>Exercise corresponds to: Motorboat Simulator Ex. 1., Port Scenery. Qu. 13</p>	<p>1430 @ 31° 31'.9 S 152° 57'.2 E 207°T 2.4Kts 2.4NM</p> <p>1530 @ 31° 34'.0 S 152° 55'.9 E 207°T 2.4Kts 4.8NM</p>

## Search Scenario Two Initial Reports:

**1900** - Message received by SARCC from trawler “Night Owl”–




- “Night Owl” reports they have lost a person overboard. It reports its position as Tacking Point Lighthouse bearing 211°T, Mt Cairncross bearing 282°T and the green light on the North breakwall 246°T.

**1915** - Message received by SARCC from vessel “Crown Rescue One”–

- “CR1” arrives at incident scene - no sign of MOB - CR1 deploys the drum.

**1935** - Message received by SARCC from vessel “Crown Rescue One”–

- “CR1” and drum have drifted to position **31° 24'.5 S 152° 59'.5 E**

Now prepare your Operational Plan	
<p>What is the current direction &amp; and rate?</p> <p>What is the expected position of the person overboard at 2000 hours ?</p> <p>What is the expected position of the person overboard at 2030 hours ?</p>	
<p>Operational information:</p> <p><i>Distance to go - (LKP to Search Datum)</i></p> <p><i>Today's Forecast -</i></p> <p><i>Today's Tides -</i></p> <p><i>Today's Daylight -</i></p> <p><i>En-route Hazards -</i></p>	
<p>De-briefing.</p>	 <p>Did you: Find a current? New position?</p>
<p>Exercise corresponds to: Motorboat Simulator Ex. 1., Port Scenery. Qu. 7</p>	<p>2000 @ 31° 25'.6 S 152° 59'.3 E 187°T 1.8Kts 1.8NM 2030 @ 31° 26'.5 S 152° 59'.1 E 187°T 1.8Kts 2.7NM</p>

## Training resources:

Workbook- “Coastal navigation”.

Motorboat Sim.- Port Scenery>Situation> Port northerly.