

## RV *Investigator* Voyage Plan

<b>Voyage #:</b>	IN2015_T02		
<b>Voyage title:</b>	Transit: Sydney to Hobart		
<b>Mobilisation:</b>	N/A		
<b>Depart:</b>	0830, Sydney (Garden Island), Monday, 22 June 2015		
<b>Return:</b>	0630, Hobart (Self's Point), Thursday, 25 June 2015		
<b>Voyage Manager:</b>	Hugh Barker	<b>Contact details:</b>	<a href="mailto:Hugh.barker@csiro.au">Hugh.barker@csiro.au</a>



## Scientific objectives

Transit voyage to return the RV *Investigator* to Hobart.

## Voyage objectives

Deployment of the Continuous Plankton Recorder (CPR) for the length of the transit from outside the Port Jackson heads to Tasman Island (or near enough).

Opportunistic GSM work to fill in missing data points along the voyage track.

## Operational Risk Management

There are no high risk activities occurring during the voyage.

## Overall activity plan including details for first 24 hours of voyage

Deployment of the CPR once clear of Port Jackson. Hugh Barker to Liaise with Master and Bridge Officer on duty to coordinate deployment and recovery times.

## Waypoints and stations

Steaming times based on a ship speed of 12 knots.

Decimal Latitude	Decimal Longitude	Distance (nm)	Total Distance (nm)	Steaming time (hrs)	Total Steam (hrs)
-34.456	151.279	0			
-35.195	151.197	44.0	44.0	3.7	3.7
-35.358	151.025	12.5	56.5	1.1	4.7
-35.245	151.257	13.1	69.6	1.1	5.8
-35.417	151.078	12.8	82.4	1.1	6.9
-35.461	150.972	20.3	102.7	1.7	8.6
-36.724	150.393	81.4	184.1	6.8	15.3
-37.248	150.327	31.1	215.2	2.6	17.9
-38.187	149.927	58.8	274	4.9	22.8
-39.088	149.676	55.6	329.6	4.6	27.4
-40.659	149.057	98.6	428.2	8.2	35.7
-41.523	148.653	55.0	483.2	4.6	40.3
-41.954	148.622	26.0	509.2	2.2	42.4
-42.464	148.496	31.0	540.2	2.6	45.1
-43.094	148.230	70.3	610.5	5.9	50.8

## Time estimates

N/A

## Piggy-back projects (if applicable)

N/A

## Investigator equipment (MNF)

CPR – already on board, located in the GP dirty wet lab.

## User Equipment

N/A

## Special Requests

N/A

## Permits

N/A

## Personnel List

1.	Hugh Barker	Voyage Manager/DAP support	CSIRO MNF
2.	Will Ponsonby	SIT support	CSIRO MNF
3.	Stewart Wilde	DAP support	CSIRO MNF
4.	Dave Watts	GSM support	CSIRO MNF

**Please note: The MNF support staff numbers in this table are a guide and will vary depending on the activities being undertaken on the trial voyage. It may include Hydrochemists in addition to the other groups.**

## Signature

<b>Your name</b>	Hugh Barker
<b>Title</b>	Voyage Manager
<b>Date:</b>	17/06/2015