



MARINE
NATIONAL FACILITY

Voyage Plan se01/2010



Voyage Plan

RV Southern Surveyor



SE01/2010

Title

Sea Trials ex. Hobart, March 2010

Itinerary

Depart Self's Point, 1400hrs, Saturday 13 March, 2010

Arrive Prince's Wharf 2, 1730hrs, Sunday 14 March, 2010

Principal Investigator

Drew Mills
CMAR / MNF
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Voyage Objectives

1. Complete electrical load-sharing, CPP and vessel station-keeping tests (P&O).
2. Calibrate / commission the recently-installed Skipper Doppler log (Mills; Forcey, P&O).
3. Deploy and operate the EZ Net. Provide training in instrument operations to other MNF support staff (MacDonald, Dunn, Goodwin, P&O).
4. Deploy and operate new MNF Tow-Yow system. Develop operational handling and data acquisition procedures (Mills, Marouchos, Brodie, Forcey, P&O).
5. Operate EM300 Multibeam system. Acquire data for verification of recent system modifications. Develop operational procedures for new SiS software package (Veness, Heaney).
6. Operate underway data acquisition systems (Brodie).

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Voyage Track / Time Estimates

13-Mar	0700		Depart from P4 - Pilot Required. To Selfs Point
	0800		Commence Bunkering 150,000L
	1400		
	est		Depart Selfs Point for seatrials.
		5 hour	Doppler Log Calibration while en-route to 50 M Site
		3 Hours	Load Sharing Tests - still waters
14-Mar	0045	2.75 Hours	Arrive at 50 M water depth - commence EZ Net trials
	0245	2 hours	Complete EZ Net Trials
	0515	2.5 Hours	Arrive at 150 m water depth Commence CTD To-to aft.
	0815	3 Hours	Complete Towed CTD Package 2-3 Hours
	1300	4.5 Hours	Return to Still water and await CPP/Station Keeping Trials
	1630	3 hours	Commence Station Keeping tests - CPP retune
	1730		Contingency to arrival

Personnel List

1. Drew Mills - Towed CTD testing and Doppler Calibration, Voyage Manager.
2. Andreas Marouchos - Towed CTD testing
3. Karl Forcey - Towed CTD testing, Doppler Calibration and operational support.
4. Lindsay MacDonald - EZ Net testing
5. Pete Dunn - EZ Net testing/familiarisation
6. Trevor Goodwin - assist with EZ deployment and gain experience on Surveyor
7. Pamela Brodie - DAP system
8. Bernadette Heaney - EM300
9. Tony Veness - EM300
10. Stephen McCullum – Operational support
11. Graham Stacey - Observer