



IMOS Bulletin

Issue #6 August 2010

Welcome to the IMOS Bulletin. Please feel free to distribute this email bulletin to others. If you have any comments or questions regarding the IMOS Bulletin please contact the IMOS Project Officer, Marian McGowen, via email Marian.McGowen@utas.edu.au.

New Deployments

This section will list any new Facility deployments in the previous month

Ships of Opportunity-

Continuous Plankton Recorder- deployments of Continuous Plankton Recorders on routes between:

- Brisbane to Sydney 10 August
- Burnie to Nelson (New Zealand) 13 August- see more details below in the Bio-acoustic deployment.

Bio-acoustics- a new sub-facility providing bio-acoustic measurements to estimate critical mid-trophic organism distribution and abundance around Australian EEZ shelf, slope and oceanic environments.

- The RSV *Aurora Australis* collected multifrequency acoustic data from Hobart to Macquarie Island and back, departing on the 2nd of August, returning on the 11th.
- *L'astrolabe* had a dry dock in Brisbane where an IMOS funded Simrad ES60 38 kHz echosounder system was successfully installed. The vessel departed for Noumea on the 4th Aug to undertake charter work. It will be transiting back from Noumea to Hobart arriving around the 11th of October.
- The factory freezer trawler FV *Rehua*, departed Burnie on the 13th of August, transiting across to Nelson NZ, arriving on the 17th of August. The vessel collected underway acoustic data from its Simrad ES60 38 kHz echosounder. In addition, the vessel operators Australian

IMOS is supported by the Australian Government through the National Collaborative Research Infrastructure Strategy and the Super Science Initiative.

Longline and Sealord NZ kindly agreed to deploy an IMOS funded Continuous Plankton Recorder for the duration of its transit.

Ocean Gliders- two Seagliders were deployed; off the coast of New South Wales on the 9th August and off the coast of eastern Tasmania on 13th August.

National Mooring Network- The Yongala National Reference Station instrumentation was installed between August 16-18.

Ocean Radar- The second Bonney Coast radar station at Cape Douglas was installed during July.

Wireless sensor networks – The Lizard Island sensor network was installed in mid August.

New Data Streams

This section will list any new data streams that are publically available via the IMOS Ocean Portal <http://imos.aodn.org.au/webportal/> in the previous month.

Ocean Gliders-

Seagliders:

New South Wales - deployed 18/10/2009-16/12/2009

Bicheno 2 (TAS) – deployed 26/11/2009- 24/1/2010

Slocum gliders:

Two Rocks 2 (WA) – deployed 22/1/2010 – 14/2/2010

Marion Bay 5 (SA) – deployed 10/2/2010 – 3/3/2010

Two Rocks 3 (WA) – deployed 18/2/2010 – 9/3/2010

Autonomous Underwater Vehicle –

Great Barrier Reef Campaign – deployed 28/9/2007-12/10/2007

Scott Reef Campaign – deployed 26/7/2009 – 5/8/2009

Tasmanian Campaign – deployed 10/6/2009 – 16/5/2010

Western Australia Campaign – deployed 20/4/2010 – 30/4/2010

Tasmanian Campaign – deployed 10/6/2009 – 16/6/2009

Tasmanian Campaign – deployed 2/6/2010 – 9/6/2010

Recent & Upcoming Events

20-24 September 2010 Coast to Coast 2010 Conference, Adelaide South Australia.
<http://www.coast2coast.org.au/>. Registration still open – Late fee date has been extended to **1st September**.

13-15 October 2010 Australia – New Zealand Climate Forum. Hobart, Tasmania.
<http://www.bom.gov.au/events/anzcf2010/> Early bird registration closes **13 September**.

9-11 February 2011 AMOS and MetSoc NZ - Joint Conference: Extreme Weather. Te Papa, Wellington, New Zealand. <http://www.amos.org.au/> Abstract Deadline: **October 1, 2010**.

14-18 March 2011 Biologging4- 4th International Science Symposium on Bio-logging. Hobart, Tasmania. <http://www.cmar.csiro.au/biologging4/> Deadline for abstracts **30 September 2010**.

4-8 April 2011 Greenhouse 2011 The Science of Climate Change. Cairns, Queensland.
<http://www.greenhouse2011.com> Abstract Deadline: **19 November 2010**

28 June-7 July 2011 IUGG General Assembly. Melbourne, Victoria. <http://www.iugg2011.com>
Registration and Call for Abstracts Opens: Monday 16 August 2010. Call for Abstracts Close: **17 January 2011**.