



IMOS Bulletin

Issue #15 September 2011

Welcome to the IMOS Bulletin. Please feel free to distribute this email bulletin to others. The Bulletin is also available for download from the website at <http://imos.org.au/bulletin.html>.

If you have any comments or questions regarding the IMOS Bulletin please contact the IMOS Project Officer, Marian Wiltshire, via email Marian.Wiltshire@utas.edu.au.

IMOS Website updated

The IMOS website has undergone a face-lift recently. The front page in particular has been refreshed to include a more visually attractive news section and four key buttons for navigation to the Node and Facility pages, as well as direct links to the IMOS Ocean Portal and the AODN portal. We have also simplified the main menu. The content of the website is currently under review and updated Node and Facility pages will be rolled out as they are completed. I invite you to have a look around the website, <http://imos.org.au> and if you have any feedback, questions or suggestions please contact Marian directly via the email above.

New Deployments

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

Argo- Seven Argo floats have been deployed from the Lady Amber since July in the Indian Ocean.

Ships of Opportunity-

Continuous Plankton Recorders were towed on the Melbourne to Adelaide route in July/August, and from the RV *Southern Surveyor* between Hobart and Fremantle in August.

The Tropical Research Vessels have been on a number of cruises: RV *Solander* has been on 3 cruises recently and RV *Cape Ferguson* on 2 cruises, collecting underway observations (temperature, salinity, chlorophyll fluorescence, light absorption and irradiance).

Deep water moorings- the Pulse 8 (biogeochemical) and SAZ47-14 (sediment trap) moorings were successfully redeployed in the Southern Ocean in August.

Ocean gliders- Five seagliders were deployed since July (two off Perth, Coral Sea, Southern Ocean, and off NSW), and three slocum gliders have also been deployed in Storm Bay, Tasmania, Two Rocks, WA and off New South Wales.

Autonomous Underwater Vehicles (AUV) – The AUV Sirius was deployed at Scott Reef, Western Australian in August 2011.

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.

Ships of Opportunity-

XBT- CSIRO, BoM and Antarctica XBT data for 2010 is now available.

Continuous Plankton Recorder- the following new cruises are available:

- four voyages in the Southern Ocean,
- seven voyages on the Brisbane to Sydney route,
- nine voyages on the Sydney to Melbourne route,
- three voyages on the Melbourne to Adelaide route,
- one voyage on the Burnie to Nelson route,
- one voyage on the Fremantle to Broome route,
- two voyages on the Sydney to Hobart route.

Tropical Research Vessels – new data is available from four cruises for the RV *Solander* and two cruises for the RV *Cape Ferguson*.

Bioacoustics – data is available from four new cruises for the *Rehua*, one new cruise for the *Southern Surveyor*, and four new cruises for the *Janas*.

Ocean Gliders- Processed data for four Sea glider missions (Bicheno 20100813, SOTS 20100913, Perth 20101026, SOTS 20110420) and for four Slocum glider missions (Two Rocks 20101026, Marion Bay 20110202, Two Rocks 20110412, NSW 20110518) are now available through the IMOS portal. Five seagliders are sending data in real-time: (Perth 20110626_1, Perth 20110626_2, Coral Sea 20110723, SOTS 20110805, NSW 20110810)

National Mooring Network- data from June 2010 until May 2011 is now available for the National Reference Station at Rottnest Island.

Satellite Remote Sensing- Satellite altimetry data from Storm Bay (April 2009 – Mar 2011) and Bass Strait (Jan 2008 – Mar 2011) is now available.

Recent & Upcoming Events

For a full list of upcoming conferences please visit the Calendar page at <http://imos.org.au/calendar.html>. If you would like an event or conference featured on our website calendar please contact Marian McGowen via email Marian.McGowen@utas.edu.au.

24-28 October 2011 World Climate Research Programme Open Science Conference. Denver, USA. <http://www.wcrp-climate.org/conference2011/index.html>.

31 January-3 February 2012 Australian Meteorological & Oceanographic Society Annual Conference, Sydney, NSW. Abstract submission deadline **14 October 2011**. For more information:
<http://www.amos.org.au/2012conference/cid/1/parent/0/pid/1/t/2012conference/title/conference-home>

19-24 February 2012 AGU Ocean Sciences Meeting, Utah, USA. For more information:
<http://www.sgmeet.com/osm2012/> Abstract deadline is **7 October 2011**.

5-9 March 2012 GHR SST Joint Working Group Meeting - Workshop on Tropical Warm Pool and High Latitude SST Issues, Melbourne, Australia. Click here for further information:
<https://www.ghrsst.org/ghrsst-science/Meetings-and-workshops/workshop-on-tropical-warm-pool-and-high-latitude-issues/>. In order to gauge interest in the themes of (i) Southern Ocean SST and sea-ice analyses and (ii) SST diurnal variation over the Tropical Warm Pool region the organisers are calling for initial titles/brief abstracts (1 paragraph) for proposed presentations. Email a short abstract or register your interest to Helen Beggs (h.beggs@bom.gov.au) by **10 October 2011**.

23-27 April 2012 10th International Conference on Southern Hemisphere Meteorology and Oceanography. Nouméa, New Caledonia. <http://www.colloque.ird.fr/icshmo-2012/index.html>