



IMOS Bulletin

Issue #32 April 2014

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 Communications Manager, Marian Wiltshire (Marian.Wiltshire@utas.edu.au).

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> in the previous month.

Ships of Opportunity –

Temperate Merchant Vessel Spirit of Tasmania - near real-time data (temperature, salinity and turbidity) is available for 195 transects between Melbourne and Devonport (October 2013 - present).

Underway CO₂ measurements onboard the Research Vessel Southern Surveyor - new QC data and report files from 18 cruises between August 2012 and October 2013.

Deep water moorings –

New temperature and salinity data from the East Australian Current (deployment April 2012-August 2013) and Indonesian Throughflow (deployment June 2011-October 2012) arrays.

Ocean gliders –

New data from:

- four Seaglider deployments: Bicheno 20130204, Coral Sea 20130618, Sydney 20130324, Sydney 20130531
- 19 slocum deployments: Heron 20121127, Heron 20130403, Heron 20130815, Kimberley 20130925, Kimberley 20130613, Kimberley 20131203, Pilbara 20130310, Pilbara 20130919, Pilbara 20130619, Pilbara 20130709, Storm Bay 20130620, Storm Bay 20130325, Spencer Gulf

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20130411, Spencer Gulf 20131031, Two Rocks 20131017, Two Rocks 20130416, Yamba 20131009, Yamba 20131120, Yamba 20130531.

National mooring network

New data from the National Reference Stations (NRS) and regional mooring arrays include:

- burst-averaged products for CTD & biogeochemical sensors,
- the first data from South-east Queensland (SEQ) array including temperature, velocity and CTD,
- recent deployments of moorings (including NRS stations) in New South Wales, Western Australia and the Great Barrier Reef, and
- the new gridded temperature product from thermistor strings.

Animal tagging and monitoring

- Satellite tracking of emperor penguin fledglings: 42 deployments (date range: December 2010 – December 2012).
- Tracking of short tailed shearwaters: 33 deployments (date range: October 2010 – February 2011).
- Near real-time CTD data of seals and sea lions: over 85 000 CTD profiles available (date range: January 2009 - present) recorded by 205 animals.

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 Wiltshire via email Marian.Wiltshire@utas.edu.au

11-15 May 2014 International Radiowave Oceanography Workshop (ROW2014), Savannah, Georgia (USA). Registration For more information: <http://www.skio.uga.edu/page/events/meetings/index/p/>

23-27 June 2014 Integrated Marine Biogeochemistry and Ecosystem Research (IMBER) Open Science Conference, Bergen, Norway. For more information: <http://www.imber.info/index.php/Meetings/IMBER-OSC-2014>

6-10 July 2014 Australian Marine Sciences Association (AMSA) conference 'Investigating our Marine Nation', Canberra, ACT. For more information: <http://www.amsaconference.com.au/>

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4-9 August 2014 IMBER (Integrated Marine Biogeochemistry and Ecosystem Research) Climate and Ecology summer school, ClimEco4, Shanghai, China. For more information:

<http://www.imber.info/index.php/Early-Career/IMBER-Summer-Schools/ClimEco4-August-2014-Shanghai-China>

22-26 September 2014 5th International Bio-Logging Science Symposium (BLS5), Strasbourg, France. For more information: <http://bls5.sciencesconf.org/>

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