

IMOS Bulletin

Issue #20 May 2012

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>.

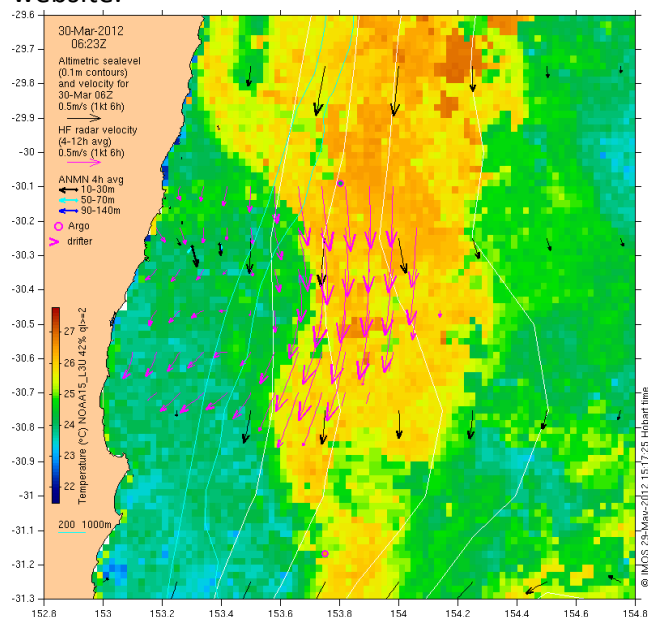
If you have any comments or questions regarding the IMOS Bulletin please contact the IMOS Project Officer, Marian Wiltshire, via email Marian.Wiltshire@utas.edu.au.

IMOS *OceanCurrent*

This section will highlight news from the IMOS *OceanCurrent* website. <http://oceancurrent.imos.org.au/> in the previous month.

Ocean current measurements from current meters and HF radars

IMOS has deployed an unprecedented array of observing equipment, with measurements of the ocean being made all around Australia. Increasingly these data types are being added to the IMOS *OceanCurrent* website. In late May, a small graphics panel for the Coffs Harbour region was added, where IMOS has installed a WERA radar that measures the surface current velocity from the coast out to 100km. A comparison of the radar data, current meter data and SST imagery at Coffs Harbour is below. For more information and news see the IMOS *OceanCurrent* website.



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

It is led by the University of Tasmania on behalf of the Australian marine & climate science community.

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.

Argo- aggregated data sets (yearly composite) of Argo profiles for four difference oceans are available (Atlantic, North Pacific, South Pacific and Indian Oceans).

Ships of Opportunity: aggregated XBT data (collected from different lines around Australia from 1980 until now) are available. Two types of aggregated datasets have been produced; aggregation by line and year and aggregation by regions.

Autonomous Underwater Vehicles - three new campaigns are available on the IMOS Ocean Portal:

- Batemans Bay November 2010
- GBR Feb 2011
- Tasmania June 2011

National Mooring Network- new data is available on the IMOS Ocean Portal for the following shelf mooring deployments:

Queensland

- Great Barrier Reef, One Tree East, deployment ended March 2012
- Heron Island North, deployment ended March 2012
- Elusive Reef, deployment ended March 2012
- Heron Island South, deployment ended March 2012

NSW

- Coffs Harbour 100, deployment ended May 2012
- Coffs Harbour 70, deployment ended May 2012
- Sydney 100, January – March 2012

National Reference Stations (NRS) - Re-processed WQM and ADCP data for Maria Island NRS also now available on the portal.

NRS Biogeochemical sampling: new data uploads for Darwin, Esperance, Maria Island, Ningaloo, Rottneest and Yongala.

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

14-15 June 2012 Australian Coastal Ocean Radar Network Workshop at James Cook University, Townsville, QLD. If you are interested in attending the workshop, email Prof Lucy Wyatt Lucy.wyatt@jcu.edu.au.

24 - 29 June 2012 Gordon Research Conference - Marine Microbes 'Bridging the gaps from genomes to biomes', Lucca, Italy. For more information: http://www.grc.org/programs.aspx?year=2012&program=grs_marine

1-5 July 2012 Australian Marine Sciences Association Inc. and the New Zealand Marine Science Society joint Conference, Hobart Tasmania. Registration is now open. Details at: <http://www.amsa-nzmss2012.com.au/>

2-13 July 2012 International Phytoplankton Identification Course 2012, Plymouth, UK. The workshop is aimed at all those working in the marine phytoplankton field and participants will be expected to have a basic knowledge of microalgae. Further details on the course and an application form can be found www.mba.ac.uk/phytoplankton-workshop

9-13 July 2012. 12th International Coral Reef Symposium, Cairns, Queensland. For more information, <http://www.coralcoe.org.au/icrs2012/>

17-21 September 2012. Coast to Coast, Brisbane, QLD. For more information <http://www.coast2coastconference.com/>

27- 29 September 2012 4th Argo Science Workshop, Venice, Italy. For more information: <http://www.ifremer.fr/forms/?p=558>.

3-4 October 2012 Australian Coastal and Ocean Modelling and Observing (ACOMO) Workshop 2012, Canberra, ACT. By invitation only, more information to follow shortly.