



## **NSW IMOS (SEA-MOS) Update SAC Meeting Thursday 1<sup>st</sup> May 2008**

### NSW IMOS Node

- Two IMOS documents will be available to upload to the SIMS and IMOS websites soon
  - The NSW-IMOS white paper
  - The NSW mooring development plan

### Further funding on NSW IMOS

- We look forward to a meeting with Verity to get state support for the radar engineer for 3 years and some operating \$350K. We are playing brinksmanship with the radar and gliders, noting the reservations of the SIMS board and IMOS board of NSW-IMOS capacity without a salary (i.e. we will decline the offer unless we get the salary).

### DMS support of NSW a Glider Facility

- The meeting with the DMS is a very useful and exciting development for the glider retrieval off Sydney. If they get swept out of the Sydney area - well we will just have to see. I think an MOU is needed between Frank and Gary about the gliders and what exactly we could be responsible for. Unclear so far. What financial limit?
- eMII workshop to be held in Sydney May 14<sup>th</sup>
- eMII exhibited the MEST tool at the National meeting in Adelaide. This will be used to upload and download IMOS Data. A workshop will be held in Sydney, location unknown yet.



## NSW Moorings

- The new mooring location for SYD140 (OK) but also for SYD100 - which removes it from the 70 year site at PH100 because of trawling risks. Clearly the monthly monitoring will continue at PH50 and 100, but there will be some additional cost of temperature monitoring at the SYD100 site. These two will be amongst the cable exclusion zones and the AATAMS moorings. NSW Moorings is looking to have these deployed before June.
- NSW Moorings have accepted a proposal for support of an ADFA mooring at JB100 at cost of \$30K for 3 years. This was deployed in Feb08. There is a risk that ADFA and its mooring may not perform but the advantages and strategic benefits outweigh these risks. How this will affect our budget for the rest of IMOS moorings is unclear as we don't know about costs of Coffs moorings, let alone an Eden or Batemans Bay mooring. All nodes are finding the budget for the moorings ridiculously tight and some aspects (e.g. real-time) may have to be dropped.
- Documents for the water quality sampling have been circulated and what this will affect our budget.

## NSW AATAMS Facility

- Organised mini loggers (temperature recorder) to be deployed in Ningaloo Reef. Obtained receiver downloads from 50 receivers deployed off Mangrove Bay as well as 15 receivers off Coral Bay (Ningaloo Reef)
- Ordered some mooring gear to undertake tests and trials of equipment with Clive Holden. Unfortunately due to the Macquarie University workshop, the tests had to be postponed to next month.
- Allocated the new active tracking system (VR100 and hydrophone) to 4 different projects (system will be used from June 08 until February 09)

## Next month:

- Two week in Adelaide to deploy acoustic receivers.
- Trials and tests of mooring design. Start organising Ningaloo Reef recovery and redeployments.