

# **IODP Council Meeting**

**Lisbon, Portugal – January 22-23, 2009**

## **Thursday January 22, 09h00-17h00**

### **09h00-10h30**

1. Welcoming remarks and introductions – 5 minutes
2. Approval of the meeting agenda, additions – 5 minutes
3. Approval of the June 2008 IODP Council Meeting Minutes – 10 minutes
4. Agency Reports – 10 minutes each
  - MEXT
  - NSF
  - ECORD
  - ANZC
  - MOST
  - KIGAM
  - MoES

### **10h30-11h00 – Coffee Break**

### **11h00-12h00**

5. MOU updates – D. Smith, 10 minutes
6. IODP-MI Report – M. Talwani/H.C. Larsen, 50 minutes
  - Presentation and discussion of FY09 APP
  - Overview of recent activities
  - Platform update
  - Overview of recent scientific and technical achievements

### **12h00- 13h30 – Lunch**

### **13h30- 15h00**

7. IODP-MI BoG Ad Hoc Committee report – M. Talwani, 30 minutes
8. Triennium review of IODP and IODP-MI – T. Oshima to lead discussion, 30 minutes
  - *A contractually required second review will occur in early FY10 (Fall 2009). The first review focused on IODP-MI's business relations between IODP-MI and the IODP Implementing Organizations, as well as internal IODP-MI functionality. The second review is expected to take a more holistic approach and examine the functionality of the IODP as a Program, including an examination of Science Advisory Structure proposal review, planning, advising, interaction with Implementing Organizations, and*

*interaction with the CMO. The first review produced a number of important recommendations in a report which is available on the IODP-MI website (<http://www.iodp.org/triennium-review/>); a similar public report is expected for the second review and will be used to help plan for scientific drilling post-2013. Comments on areas of focus for this second review from IODP Council members are welcome.*

9. Planning for post 2013 – R. Batiza, 30 minutes
  - Presentation of the proposed Terms of Reference

**15h00-15h30 – Coffee Break**

**15h30-17h00**

10. Planning for post 2013 (continued) – 90 minutes
  - Update on current timeline for renewal – R. Batiza
  - Update on SASEC activities – M. Kono
  - Update from the INVEST planning committee – H. C. Larsen
  - Update from individual member countries on their plans – All council members present.
  - Discussion of the relationship of IODP to other programs (e.g., ICDP) – All council members present.

**Friday January 23, 09h00-12h30**

**09h00-10h30**

11. Planning for post 2013 – 90 minutes
  - Formation of IWG+ Committee, nomination of members, terms of reference

**10h30-11h00 – Coffee Break**

**11h00-12h30**

12. Open Discussion – 60 minutes
13. Other Business
14. Next IODP Council Meeting

Adjourn

IODP Council Meeting Minutes  
Lisbon, Portugal  
January 22-23, 2009

**Attendees:**

MEXT: *Masa Hori, Toshi Oshima*

NSF: *Julie Morris, Deborah Smith, Rodey Batiza*

ECORD: *Catherine Mevel, Chris Franklin, Soren Durr, Fernando Barriga, Severino Falcon, Jose Ramon Sanchez, Ann Devernal*

Korea: *Young Joo Lee; Se Won Chang*

Australia/New Zealand Consortium (ANZIC): *Patrick de Decker (for Ian Mackinnon)*

India: *Ram Sharma, Rasik Ravindra*

Russia: *Sergey Shapovalov*

JAMSTEC: *Kiyoshi Suehiro, Shinji Hida, Shin'ichi Kuramoto, Jun Fukutomi,*

USIO: *David Divins*

ESO: *Dan Evans*

IODP-MI: *Manik Talwani, Hans Christian Larsen, Takao Kato*

SASEC: *Brian Taylor, Masaru Kono, Yoshi Tatsumi*

*IODP Council members are in italics*

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**Thursday, 22 January**

0900 Welcoming remarks: Lead Agencies welcomed participants, and especially India and Australia/New Zealand as new members, and Russia as an observer.

0905 Approval of meeting agenda as modified.

0910 Approval of June 2008 IODP Council meeting minutes (Beijing meeting).

0915 **MEXT Report** - The budget was approved at the end of last year; Chikyu received a 0.5% increase. There will be 5 months of Chikyu operation for IODP and 5 months of industry work. There will be a marketing organization for Chikyu, for industry work. An update on mechanical repairs was presented. In 2009 all three platforms will drill.

**NSF Report** – The JOIDES Resolution (JR) had successful harbor trials, and currently finishing load out. JR leaves Singapore on 25 January to sail to Guam. Scientists will get on board in Guam to test and assess equipment. The first drilling leg will sail in March. There will be a celebration during the Hawaii port call on May 6. Council members will be asked to provide names of VIPs in their respective countries who should be invited to attend. There will be an online US

workshop (CHART) starting in February for 2 months as a lead in to the INVEST meeting in September.

**ECORD Report** - There are 17 member countries. Budget for SOCs and POCs from the MSPs was discussed. ICDP will contribute \$500,000 to New Jersey margin MSP. The contract for New Jersey has been signed by NERC and is waiting for the contractor to send it back. The Great Barrier Reef discussions are going well with the contractor. The permit has been received to work in Australian waters. ECORD is getting ready for INVEST. There will be joint IODP-ICDP sessions at EGU in Vienna (April 20-24), and a web forum is being organized. The ECORD ppt presentation is included in the Appendix (**ppt #1**).

0945 **ANZIC Report** - ANZIC (Australia New Zealand IODP Consortium) has 30% of a Participation Unit to 2012. ANZIC is exploring the possibility of a larger consortium with Asian countries. It is good news that the JR will be coming to the Australia and New Zealand area for drilling. ARC should see a direct benefit. The JR in combination with the the MSP for Great Barrier Reef combine to indicate good value to Australia and New Zealand for their membership. Concern over falling Australian currency was expressed.

**MOST Report** - not given because Dr. Shen did not attend IODP Council meeting

**KIGAM Report** - KIGAM provided an update of numerous activities taking place in Korea IODP. KIGAM will help organize a workshop in April with ANZIC, India, Taiwan, and possibly other countries to consider a larger consortium. There is concern over falling Korean currency relative to the US dollar. Korea has expressed interest in using the JR for hydrate drilling in 2010. Several key and successful SAS meetings have been held in Korea (10<sup>th</sup> SSEP; 10<sup>th</sup> SSP, and 9<sup>th</sup> STP)- also Ted Moore visited Korea recently

**MoES Report** - MoES provided a brief update on the timing of setting up the IODP India Office and other activities. By February, there should be a national science plan for India, which will join an already very strong Antarctic Program, all part of National Centre for Antarctic and Ocean Research, MoES, in Goa.

**Russia Update** – Russia has expressed interest in joining IODP and the IODP Council very much welcomes Russia in its efforts.

1015 **MOU Update** - The MOUs between the Lead Agencies and MOST, KIGAM, ANZIC, and MoES have now (as of 3 February) begun the NSF clearance process. They should also be started through the Japanese system and the systems of the 5 countries.

**IODP-MI Report** - The ppt presentation for the IODP-MI Report is included in the Appendix (**ppt #2**). There was some discussion about whether new proposals

should be encouraged and carried forward to the new program. Some thought there had to be proposals in the pipeline to do the initial drilling in the new drilling program. Others thought that new exciting proposals could be sold as a positive.

1045 Coffee Break.

1115 **IODP-MI Board of Governors Ad Hoc Report** - The ppt presentation of the AD Hoc Report is included in the Appendix (**ppt #3**). The recommendations of the Report are the following:

1. Request from the NSF a total of \$80 million annually to ensure adequate funding for the continuous 12-month operation of the JR.
2. Seek other sources of funding, specifically from oil and gas corporations, from other countries and from the philanthropic sector of society.
3. Expand the scope of IODP Marketing and Public Relations.
4. Define the future management structure of IODP-MI in one of two ways:
  - (a) a strong integration model employing well-defined centralized management, or
  - (b) a weak integration model involving coordination at the Implementing Organization (IO) level. Each IO would be responsible for the operational as well as the scientific funding of its related drilling platform.
5. The proposal handling process for the next phase of scientific ocean drilling needs to be revolutionized.

1140 **Triennium Review of IODP and IODP-MI** – The ppt presentation of the Triennium Review is included in the Appendix (**ppt #4**). The Triennium Review is a required contractual item. The first review was in 2006. The second one will be in early FY2010. There was a lot of discussion of the scope of the Triennium Review and the relationship between that review, the Ad Hoc Report, and the upcoming IWG+ process.

1200 Lunch

1300 **Term of Reference for IWG+** - There was a lengthy discussion about the Terms of Reference for the IWG+ group. There were numerous suggestions made on the wording of the Terms of Reference including that the post-2013 program be referred to as a new program rather than a renewal.

Other comments included that the new program needs to simplify, that we need to agree on a vision and then discuss how to get there, and we need to shorten the process between proposal submission and drilling.

A new version of the Terms of Reference will be circulated to IODP Council members for further comments.

1340 **SASEC Update** – SASEC made several consensus statements on the recommendations of the Ad Hoc Report. SASEC formed two committees to 1) examine SAS structure (3 layers); and 2) examine the proposal evaluation process.

1400 **INVEST Planning Update** – The ppt presentation for INVEST planning is included in the Appendix (**ppt #5**).

There was a lengthy discussion of INVEST planning, covering a variety of topics such as pre and post INVEST activities and general planning for the new drilling program (post 2013). Some of the main points and questions raised during the discussion include:

- SASEC says “yes” to Ad Hoc Report points 1 and 2 (see above); SASEC will provide one-pagers on these points to NSF; Point 4 is a good start for IWG+, which should discuss the pros and cons of highly integrative versus coordinative management organization.
- Should the three top management groups, IODP-MI BoG, SASEC and SPC, be reduced to two groups? How could this be done?
- For SAS proposal evaluation, should more proposals be deactivated or rejected? Should we consider a bottoms-up, request-for-proposals process for drilling proposals- similar to what is done in ICDP, with big workshops?
- The INVEST new Initial Science Plan needs a strong and realistic management plan. The big differences between the three types of IODP platforms needs to be recognized, and implementation for each might be distinct and different.
- Industry participation in the new drilling program needs to be discussed. Should there be a focus on technology development? Science with important societal benefit is attractive. It is important to involve early career scientists in this process.
- There might be a role for ICDP to play in the new drilling program, ranging from serving as an interesting example from a management perspective, to being directly involved in the new program. It was noted that a recent joint IODP-ICDP meeting was very successful and that at the Spring AGU in Toronto (May 23-27), there will be joint IODP-ICDP sessions. Should ICDP become involved later in IWG+ planning? If so, then a model of federated drilling programs might make sense. It was also noted that along with pre-INVEST discussions occurring in Japan, US (virtual), and Europe, the UK is

having a pre-INVEST meeting involving NERC and the Royal Society on May 18,19, 2009.

- ECORD would like to be involved in drafting new program principles.
- Discussion of new Terms of Reference for IWG+: The purpose of IWG+ is to take a fresh approach; how to simplify? There is the potential for ECORD to become a Lead Agency because of the Aurora Borealis. What about industry membership? Social relevance is important. It is important to realize that a lot of excellent research is carried out by industry- e.g., the Vail curve of sea level fluctuation. INVEST could have a break out group to discuss joint industry-academic partnerships. Industry can help with technology development. If the Ocean Drilling Consortium effort is not successful the first time around, we should be persistent.
- Discussion of the membership of IWG+: Should new and potential members be included? Ex-officio members could include the SASEC Chair (current or incoming), SPC Chair, PMO Chairs, IOs, IODP-MI. Need to keep in mind the size of the committee though.

### **Friday, 23 January, 2009**

#### **0900 Discussion of the Terms of Reference and membership of IWG+ (continued)**

Points raised during the discussion:

- Mission and vision should be part of the Terms of Reference for IWG+
- This should be called a new drilling program, not a renewal.
- Hans Christian Larsen agreed to be the liaison between INVEST and IWG+.
- UK - Chris Franklin indicated that the head of NERC at the ministerial level should be invited to be part of IWG+.
- The IODP Council members will be members of IWG+. Others will be observers. Meetings should be open and transparent.
- Others: Should an ICDP person be invited as an observer? We should inquire about observer status for representatives of InterMARGINS, OOI, and the ice core communities. ECORD Council will identify a core group to be members of IWG+. Potential new members of IODP are Brazil, Chile, Taiwan, and Vietnam, and they could be invited as observers.
- IWG+ should probably have an executive committee to carry out tasks between meetings.

0930 **Around the Table:**

Comments from participants:

- Hori-san: Japan has strong desire to be a LA of the new program; Chikyu is a large investment- and they need to present good arguments for drilling.
- Shapovalov - problem in Russia because of hiatus in ODP membership.
- Sanchez - IODP is very complex- could simplify
- Kono-san - The best science is important and we need to achieve scientific results with the available resources.
- Oshima-san- new program needs more flexibility than IODP has now. Science first with a simple structure.
- Hida-san – the new program should have early career people involved in the science as well as the new administrative structure.
- Smith - IODP is an excellent example of international cooperation, and that is a big selling point.
- Morris - The new program will be exciting; this is necessary but not necessarily sufficient for funding.
- Mevel - the prospects are exciting.
- Lee, Chang - KIGAM has a contract for 2005-2010 and then 2011-2020. For this reason a change of name in the new program could be a concern. IODP is popular in Korea. We should consider inviting CCOP-SOPAC countries to join IWG+. The secretariat for CCOP should be invited to participate.
- Devernal - simplify and add flexibility
- Fukutomi-san - very exciting, phase 2- maximize science; simplify, more flexibility, new metrics for success.
- Taylor - Rift renaissance- industry- deep water basins. IODP science has re-written text books- goes beyond academia.
- Kuramoto-san - for 40 years this has been a great program; there are future challenges; we can change.
- Evans - learn from all problems and issues in current program, we need new structure; become more efficient.

- Suehiro-san - JAMSTEC is committed to the new drilling program. Phase 2-full program; there is an opportunity for association with other drilling programs; complexity and lack of budget forecasts is a concern.
- Fukutomi-san- Just learned that on Chikyu, all 6 thrusters successfully installed- excellent news.

**Next meeting** - IODP Council, SASEC and IODP Board of Governors will meet the week of June 15, 2009 in Washington D.C.