

NanTroSEIZE PMT #16 Agenda

Date: November 5-6, 2009

Time: 09:00 – 17:00

Venue: IODP-MI Washington, DC Offices

Attendees:

Core PMT, Specialty Coordinators

Hans-Christian Larsen

Harold Tobin

Masataka Kinoshita

Mike Underwood

Gaku Kimura

Ryota Hino

[Greg Moore - cannot attend]

Nobu Eguchi

Jun Fukutomi

Kunihiro Muta

Demian Saffer

[Geoff Wheat - cannot attend]

Toshi Kanamatsu

Eiichiro Araki

Additional Observatory Team Members

Achim Kopf (3rd party observatory scientist)

Earl Davis (3rd party observatory scientist)

Sean Toczko (CDEX Observatory Liaison)

Guests

Kiyoshi Suyehiro (IODP-MI President, 603-C Proponent)

Greg Myers (IODP-MI)

Kelly Oskvig (IODP-MI)

Jamie Allan (NSF)

Takumi Nakagawa (MEXT)

AGENDA

THURSDAY

1. Review and Summary of Bremen discussion and decisions (Tobin)

- A. Review of Bremen minutes (10 min)
- B. Stage 3 Expedition PMT recommended plan (Primary and Back-up plan for NanTroSEIZE) (20 min)

2. Platform Schedule Updates (Larsen & Eguchi)

- A. Chikyu current schedule for FY10/11 (Larsen) (10 min)
- B. Decision-making for go/no-go on riser drilling: process and timeline
 - Update: Progress on fairing performance analysis (CDEX) (15 min)
 - Explanation of technical decision making criteria (CDEX) (15 min)
 - Discussion of implications for NanTro planning (Kinoshita & Tobin) (15 min)
- C. Co-Chief, Call for Participation, Prospectus(es) progress and timeline (Eguchi) (15 min)

3. Stage 2 Expeditions 319 & 322: Brief reviews

- A. Exp 319 review - (CCs and EPMs)
[Note: we did this in Bremen, but I think we need a 2nd look]
 - Operations (15 min)
 - Expedition and Science Party organization (15 min)
- B. Exp 322 review (CC(s) and EPM)
 - Overview of Scientific accomplishments (20 min)
 - Operations (20 min)

4. Observatory Preparation for FY10/11 Operations (Araki & Saffer)

- A. Options, developments, and state of readiness for riserless installations (50 min)
- B. Go/no-go process on observatory plans (CDEX and Obs. Team) (40 min)

5. Experience with SC and EPM Roles and Responsibilities, PMT Membership (Larsen) (30 min)

FRIDAY

6. Riser Site C0002 detailed planning discussion (Tobin)

- Riser Hole draft well plan (Muta) (20 min)
- Strategy to achieve overall science goals (Tobin) (20 min)
- Observatory development plans and milestones (Araki) (30 min)
- Discussion (20 min)

7. Finalize Stage 3 strategy for (a) riser and (b) riserless options (Tobin and Kinoshita)

- A. Drilling and Science Strategy: Riser at Site C0002
 - Science Party Needs (20 min)
 - Scientific-technical requests (e.g., downhole measurements, labs, etc.) (20 min)
 - 3rd party long-lead experiments or tools (e.g. W-VSP plan) (20 min)
- B. Drilling and Science Strategy: Riserless sites
 - Discussion of basement drilling goals (30 min)
 - Science Party Needs (20 min)
 - Scientific-technical requests (e.g., basement coring, downhole meas,

observatory installations) (30 min)

- 3rd party long-lead experiments or tools (20 min)

8. Stage (1 and) 2 Post-Expedition Activities, Publications Timelines, Meetings (Eguchi)

Stage 2 Post-Expedition Meeting plans (15 min)

9. AGU, Outreach, and related activities (Tobin and Kinoshita)

Public forum during AGU? (15 min)

10. AGU PMT Meeting plan and follow-on activities (Larsen) (10 min)

11. Summary of action items and decisions

Recommendations/Action Items

- Recommendation to CDEX: to look into other options for VIV analysis.
- PMT suggest that IODP-MI talk with CDEX about real-time monitoring of the riser life during the operation.
- Contingency planning for expeditions needs to be an iterative process between PMT and CDEX. PMT to write up a number of contingency plans and then CDEX comments on feasibility/capability/fiscal reality and then the plans can be finalized.
- PMT to suggest that CDEX choose well-seasoned IODP scientists to serve as co-chiefs.
- CDEX to create a mini-prospectus for Stage 3.
- PMO to issue call for participants Dec. 1, Close date Jan. 15, PMO recommendation due Feb. 1, Invitations out Mar. 1.
- PMT to recommend that CDEX push back the start date as much as possible. June 1 is the planned date, but PMT prefers to start later. IODP-MI will work with CDEX on the wording/details of the call.
- PMT recommend more stress measurements and argue for MDT measurements in next stage of riser drilling.
- Observatory team to work together with CDEX engineering to perform more extensive testing and develop the most robust observatory they can.
- Early scoping of deployment options for observatories – wireline option should be explored.
- Consensus: this year's operation focus on option D + E (see full notes) with strong statement that development of permanent observatory should go full speed ahead but not be on the schedule for this year, due to insufficient lead time for planning. Observatory Team coordinated by Toczko will promote the riserless observatory development pan, with PMT approval.
- PMT requests feedback from CDEX on the conceptual model for the deep riser hole. PMT also requests that CDEX informs PMT on progress of the casing plan for 7,000m hole. Feasibility study of casing plan should include coring and observatory plans. CDEX indicated that a third party contractor is needed for technical well plan in general; that third party should interface with the PMT. Jun will bring this back to CDEX.
- PMT to go back to key VSP members and find out what is needed to do the minimum VSP operation.
- PMT/SCs to specify questions to identify to the PMOs to include with the call for applications.
- Co-chief recommendations were made to the IO.