UNOLS REPORT

"Long Core Repositioning Study

Long Core Webinar -February 13, 2013

- Two-Hour webinar- facilitated by UNOLS using Webex Event Center
- Session was recorded
- Participants- 34 people on the call
- NSF program managers
- FIC members
- Institutions Represented on call- BIOS, Brown, Boston Univ. ,Duke, OSU, WHOI, Georgia Tech, RSMAS, TAMU, MIT, LDEO, Univ. of Michigan, URI, UCSB, Williams, Univ. of Hawaii

- **Science Questions** Does current & future science demand justify the need to reposition to a new ship?How important is it that the US academic fleet maintains long coring capability?Are there reasonable alternatives to the Long Core System?What is the best model for using the LCS in the future (pre and post 2015)?

Webinar Topic

- Overview of the present Long Core Capabilities- Bill Curry/Jim Broda
- Science justification for building the Long Core and has it changed?- Bill Curry.
- Brief review of cruises conducted so far- Each PI/Ch. Sci. on 7 Long Core cruises.
- What is the anticipated proposal pressure to use the system?- Candace Major/Jon Alberts
- How important is it to be a part of the U.S. Fleet & are there alternatives?- Jon Alberts
- What is the quality and the access issues of using the French R/V Marion Dufresne?
- Are there other platforms in the international community which could be used?- TBD
- What is the best model for use of the Long Core in the future if the Long Core System was repositioned to another UNOLS platform?- Jon Alberts
- Recommendations & Volunteers to head up subcommittee to draft recommendations to UNOLS/NSF on Long Core Future. Clare Reimers

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Long Core Webinar Agenda
February 13, 2013 2-4 pm EST
Login: Webex- Jon Alberts/UNOLS to facilitate

Science Questions

- Does current & future science demand justify the need to reposition to a new ship?
- How important is it that the US academic fleet maintains long coring capability?
- Are there reasonable alternatives to the Long Core System?
- What is the best model for using the LCS in the future (pre and post 2015)?

Webinar Topic Outline- Each topic limited to 10 minutes

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Considerations

- Would the French be interested in discussing sharing time on the Marion DuFresne?
- Is the quality of the cores adequate for the work that US scientists want to do.
- If US loses long-coring capability, it will be decades before they get it back.
- Are there viable options out there? Perhaps the German seafloor drilling rig?
- Joides Resolution can collect the upper 50 m. Is this a viable option?
- What length cores would satisfy the community? We are currently at 45 meters, is 40 m acceptable or 35 meter cores?

Reference Material:
http://www.whoi.edu/website/longcore/results-updates
http://www.whoi.edu/page.do?pid=19495