



Long Core Re-positioning

UNOLS FIC/Council Meeting – March 2011

■ NSF Perspectives:

- Number of Global ships is decreasing in the near term and therefore general-purpose capacity is being lost.
- The Long Core (LC) system cannot be considered “portable”, but rather better described as “removable”.
- Like seismics, very little general-purpose work can be accomplished when LC is aboard any of the existing Global vessels given the space and payload requirements.



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- **NSF Perspectives (Cont'd):**
 - Mobilization costs will be higher regardless of which of the final three vessels is selected given that none are at WHOI.
 - Recovering only a “semi-long” core defeats primary science objectives.
 - Seismic missions alone do not appear adequate to maintain reasonable ship and standard tech daily rates for *LANSETH*.



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■ NSF Perspectives (Cont'd):

- NSF needs to move forward quickly with selecting a new platform for LC so that adequate funds can be identified, specifications and drawings developed and bids received.
- Goal is a seamless transition for science as *KNORR* is removed from service in ~2015.
- Decision needs to be based on science needs which includes (1) enhancing Academic Fleet capabilities and (2) maintaining reasonable operational costs (daily rates) to ensure access to the sea within existing budget constraints.



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■ Questions for FIC:

- Is there general agreement that the LC would not have a detrimental effect on *LANGSETH*'s seismic capability with the proposed Glostén design?
- Given the decrease in Global ships, is it worth negatively impacting the general-purpose capability (when LC is aboard) of either the *REVELLE* or *THOMPSON*?
- What are the pro's and con's of a semi-permanent installation aboard *LANGSETH*? What issues should NSF be prepared to address?



Vessel Condition Memos

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■ Questions for FIC:

- Does FIC agree with the recommended retirement dates?
- Given limited resources and the current states of both the RCRV and OCRV projects, which vessels should NSF focus on with regard to material investments?



Removal from Service Procedures

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- The truly difficult part of fleet renewal



Institution submits proposal for disposition including a request for transfer of title

Property & Records Section Approval

NSF reviews proposal for disposal activities

Office of General Counsel Approval

~3 months

NSF conditionally approves transfer of title to Institution

NSF Awards Grant to Institution

~18 months

Institution inventories & removes items of use to community

Institution executes sale of Vessel

Institution deposits sale proceeds in interest-bearing account