

OBSIP

U.S. National Ocean Bottom Seismic Instrumentation Pool

This is an informational budget provided to prospective users of instruments in the U.S. National Ocean Bottom Seismic Instrumentation Pool. The institutional instrument contributors (IICs) to the National Pool will provide complete engineering and technical support for OBS operations at sea. The cost of providing this support (e.g., instrument charges, personnel support, shipping and travel) will be funded directly through the Pool; these costs do not need to be included in individual science proposals. NSF does, however, require PIs to provide an informational budget estimating these costs in any proposal requesting OBSIP instruments. For more information on OBSIP see <http://www.obsip.org>.

Project Title: Collaborative Research: Onshore/Offshore Seismic Investigation of the Transition from Continental to Oceanic Lithosphere at the Passive Margin of Northeastern North America
PIs: W. Menke (LDEO), J. Park (Yale), V. Levin, S. Webb, W-Y. Kim (LDEO)
Funding Agency: NSF/EAR & NSF/OCE
Submission Deadline: 1 Dec. 2000

Instruments: 8 OBS; 8 OBH/S
 Date of Proposed Experiment: April 15, 2002 to July 15, 2003
 Logistics: One 15 month deployment; two cruises-about 13 days each
 Ports: Woods Hole, MA
 32 OBS engineers/technicians participate in cruise

The following is an estimate of the cost of supporting the OBS operations requested in this proposal. These costs are subject to change depending on the scheduling of this project, the length and ports of the deployment and recovery legs, and the OBSIP institution that supports this project. A final budget for OBS support operations for this project will be negotiated as part of the annual cooperative agreement between NSF and the Pool IICs.

<u>Category</u>	<u>Cost</u>
OBS Instrument-drop charge* (\$9,313/instrument)	\$74,500
OBH Instrument-drop charge* (\$2,713/instrument)	21,700
Engineering and technical support costs (on-shore and at sea)	122,279
Shipping	5,000
Travel	<u>3,496</u>
Estimated Total	\$226,975

* Varies from proposal to proposal based on the mix of instrument types and deployment lengths

Robert S. Detrick
 Chair, OBSIP Operations Committee
 November 20, 2000