Gas Hydrate Instability in the Southeastern Bering Sea

Project DE-FC26-05NT42665

Quarterly Progress Report

Date: 7Mar06
Period: Oct-Dec 05
NETL Manager: Kelly Rose
Principal Investigator: Lloyd Keigwin

Progress

Task 1.0 Research Management Plan prepared and submitted Oct 2005
Task 2.0 Technology Status Assessment prepared and submitted Dec 2005
Task 3.0 Paleomagnetic Analysis
  The majority of this work was completed by Dr. Steve Lund (USC) by December 2005. In particular this includes the rock magnetic analysis of core 51JPC which now contains two candidates for the Laschamp excursion of ~40 ka. With this information we will be able to constrain the sampling and dating of this core to levels <40ka.

Schedule

Because this is a postdoctoral project for Mea Cook, and because her thesis defense was delayed until the end of January 2006, she was unable to begin Tasks 4 through 7 during the first quarter. This means she will be working full time on this project from March through August. This will effectively be year 1. That will be followed by her laboratory work in Bremen this autumn.

Work on Tasks 4 through 7 has begun.