

Data Compliance Summary for EPR OBS Monitoring

Grant Number: OCE-0327283

Project Title: Seismic Monitoring of the 9N East Pacific Rise RIDGE 2000 Integrated Studies Site

PI's: Tolstoy & Waldhauser

Cruises:

2003 R/V Keldysh (no cruise number)

2004 AT11-10

2005 AT11-26

2006 KN182-13

2007 AT15-15

Data Compliance Status:

All raw data submitted to IRIS:

October 2003-January 2007 (4 deployments) OBS data submitted to IRIS DMC by SIO-OBSIP facility in SEG Y format. SEED format is pending.

Access to these data through IRIS does not seem to be enabled yet, but the SIO-OBSIP is working on it, and once this is resolved I will track down the URLs and supply them so that links can be built from the R2K data portal.

These data have an automatic 2-year proprietary hold. Since we only obtained the full data sets for the last two deployments in May 2008, those should not be available until May 2010. The 2003-2005 data should be openly available now.

All vetted, processed data available to date has been submitted:

2003-2004 Earthquake catalogue available through R2K Data Portal.

A graduate student and a post-doc are currently working on these data so please check with PI Tolstoy to avoid conflicts. Work should be complete by the end of 2009.

Further catalogues (May 2004-January 2007) will be submitted when processing and vetting (QC) is complete. This is currently being worked on as part of an on-going grant: OCE-0732569 - *Analysis of 9°50'N East Pacific Rise Seismicity: Insight into Hydrothermal and Magmatic Processes*