

DATA MANAGEMENT PLAN

1. Biogeochemical and Physical Measurements

In general, field biogeochemical and physical data collected through this project will be published in a timely fashion through the Biological and Chemical Oceanography Data Management Office (BCO-DMO) located at the Woods Hole Oceanographic Institution (WHOI), compliant with the requirements of the Division of Ocean Sciences Data and Sample Policy (<http://www.nsf.gov/pubs/2004/nsf04004/nsf04004.pdf>).

Planning for high-resolution time-series measurements and discrete sampling will be done via PI and staff meeting. Detailed plans for instrument deployment, sampling strategy and water sample allocation will be written up as a science implementation plan. The actual sampling events will be recorded on paper logs (scanned into PDF documents) and in a digital event log.

The measurements made by the science party will be managed by the Biological and Chemical Oceanography Data Management Office (BCO-DMO) and the data sets will be available online from the BCO-DMO data system (<http://bco-dmo.org/data/>). BCO-DMO will also archive all the data they manage at the appropriate national archive facility, such as National Oceanographic Data Center (NODC) and Carbon Dioxide Information Analysis Center (CDIAC). In addition to meeting the BCO-DMO data standards, we will ensure that the recommendations of *Guide to Best Practices for Ocean CO₂ Measurements* for sample measurements, data quality analysis and control, and reporting practices specific to seawater carbonate chemistry (DIC, TA, and pH) will also be met (Dickson et al., 2007).

We will hold seasonal and annual project meetings to allow for progress reports and presentations and to begin synthesizing data for manuscripts. We believe the most direct method of disseminating results is via publication. Manuscripts will be prepared promptly. When available, relevant datasets will be published as online appendixes.