

Germany

The German GEOTRACES activities of the past year were dominated by preparations for work on the material recovered from RV Meteor cruise M81/1 (GEOTRACES cruise GA11, chief scientist M. Frank, IFM-GEOMAR, Kiel) to the tropical Atlantic Ocean (Las Palmas, Canary Islands - Port of Spain, Trinidad and Tobago, 4th February until 8th March 2010), which was funded by the German Science Foundation. The most important activity directly related to the cruise was the writing of a bundle proposal to the German science foundation to fund two Ph.D. and a post doc position for work on the GEOTRACES core parameters on samples from this cruise. At the beginning of May 2011 we were informed that this proposal was successful and we can now start to work on the samples at IFM-GEOMAR (Martin Frank), Jacobs University Bremen (Andrea Koschinsky) and AWI-Bremerhaven (Sven Kretschmer).

In January 2011, Torben Stichel from GEOMAR, Kiel successfully defended his PhD thesis on Hf and Nd isotope distributions, which he obtained on samples from the German/Dutch IPY cruise ANTXXIV/3 in the Southern Ocean. In February 2011 he took up a GEOTRACES postdoctoral position in the laboratory of Katharina Pahnke in Hawaii to work on radiogenic isotope compositions of samples from the U.S. GEOTRACES cruise GA03 in the Atlantic Ocean. In June Oliver Baars will defend his thesis on trace metal distributions on the same samples. There are several manuscripts on the data of this IPY cruise already published (such as in the upcoming Deep-Sea Research special volume on the IPY cruise in the Southern Ocean (ANTXXIV/3) with papers of Celia Venchiarutti, Peter Croot, Oliver Baars, Katrin Bluhm, Michiel Rutgers van der Loeff) or in submission.

The main planning activities of the German GEOTRACES community in 2011 have been focused on a 12 days GEOTRACES cruise to the Baltic Sea made possible by the Polish GEOTRACES community in November 2011.

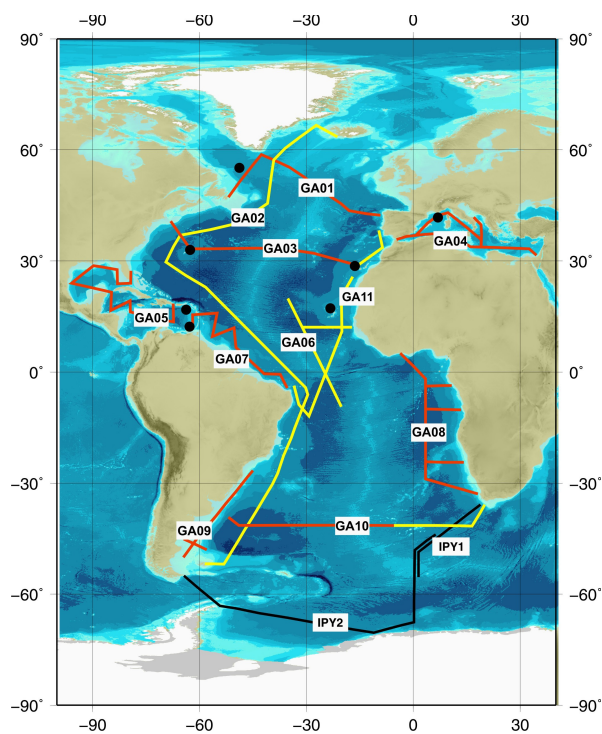


Figure 4. Completed GEOTRACES Sections in the Atlantic (in yellow)