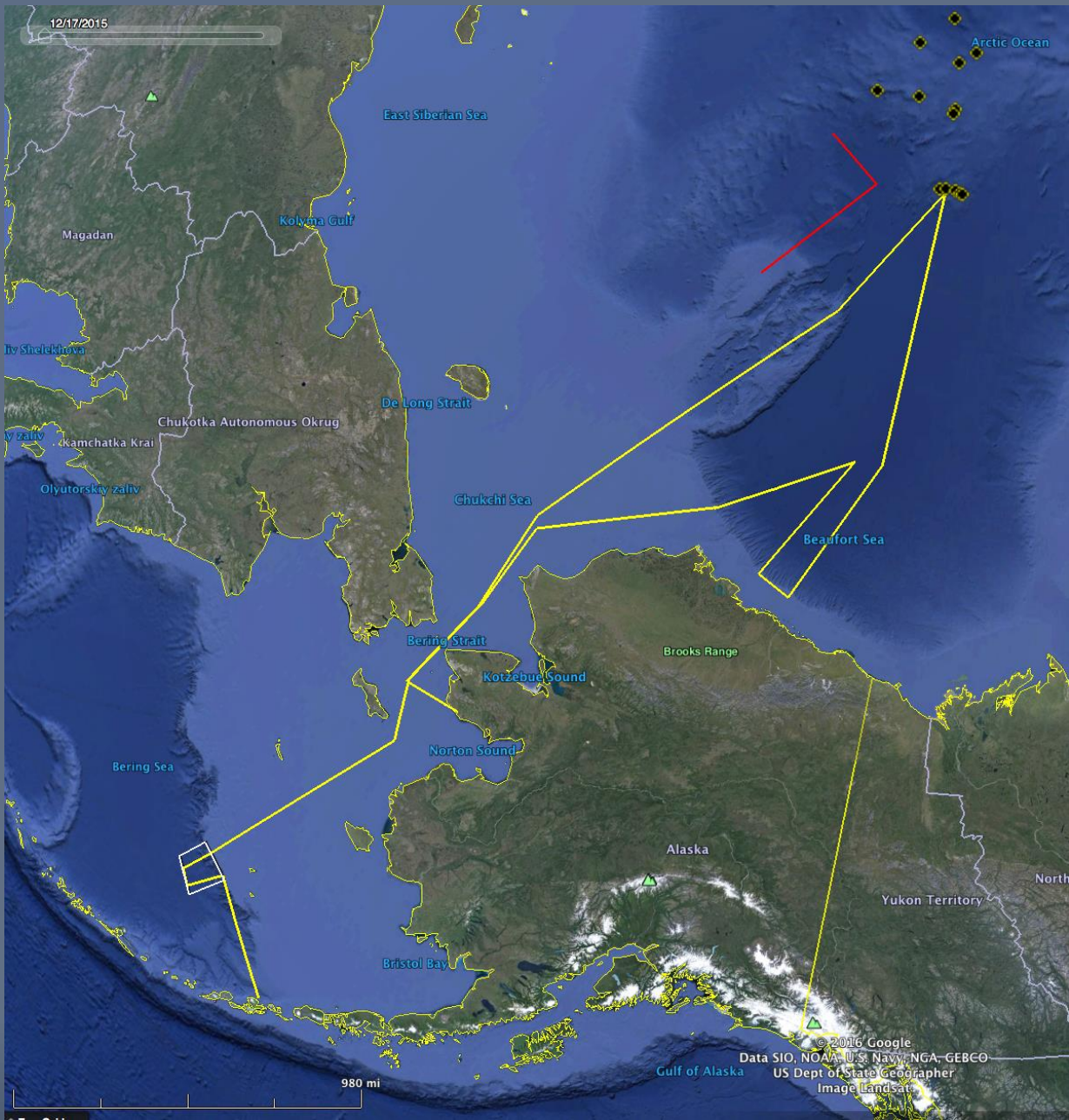


US—Canada Cooperative Mapping in the Arctic

2016 Field Season





CGCS *Louis S. St-Laurent*
 USCGC *Healy*
 September – October 2016

Seismic Profiling
 Seafloor Dredging
 Sub bottom Profiling
 Multibeam Bathymetry

Atlantic Ocean Research Alliance Seabed Mapping Initiative

The R.V. Celtic Explorer set sail last night (8pm Newfoundland/11:30pm Ireland) from St. John's, Newfoundland and Labrador, where last June it launched the very first seabed mapping expedition under the Atlantic Ocean Research Alliance. The expedition takes place May 11-21 with graduate students and early career researchers representing Europe, Canada and the United States joining a team of international experts to map some 12000km² of un-surveyed seafloor from the deepest parts of the Atlantic Ocean. This is the fourth seabed mapping survey to take place under the Atlantic Ocean Research Alliance. Xavier Monteys, Geological Survey of Ireland, will lead a team of 12 international scientists, who will map a transect of the Atlantic seafloor between St. John's, Newfoundland, and Galway, Ireland. Together they will investigate discoveries from previous expeditions, including the 2015 expedition, while training the next generation of young seabed mappers through an innovative series of ocean research training delivered on-board.

- Rachel Wireman, College of Charleston, USA
- Jamie Maxwell, National University of Ireland Galway, Ireland, EU
- Peter MacIntosh, Memorial University, Newfoundland and Labrador, Canada

