

## **Ocean Tracking Network**

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Ocean Tracking Network

<http://Global.OceanTrack.org>

The Ocean Tracking Network (OTN) is a Canada Foundation for Innovation (CFI) – International Joint Ventures Fund global research and technology development project headquartered at Dalhousie University, Halifax, Canada. Starting in 2010, the OTN began deploying Canadian state-of-the-art acoustic receivers and oceanographic monitoring equipment in key ocean locations around the world. These are being used to document the movements and survival of marine animals carrying acoustic tags (pingers), and to document how both are influenced by oceanographic conditions. OTN deployments will occur in all of the world's five oceans, and span seven continents. As of May 2012, using open systems technology OTN provides access to ~10m records on 24 species from 86 projects in 13 countries. This presentation includes descriptions of basic ocean tracking field operations and data management practices with special attention to its linkages with the Ocean Biogeographic Information System at Rutgers University.