

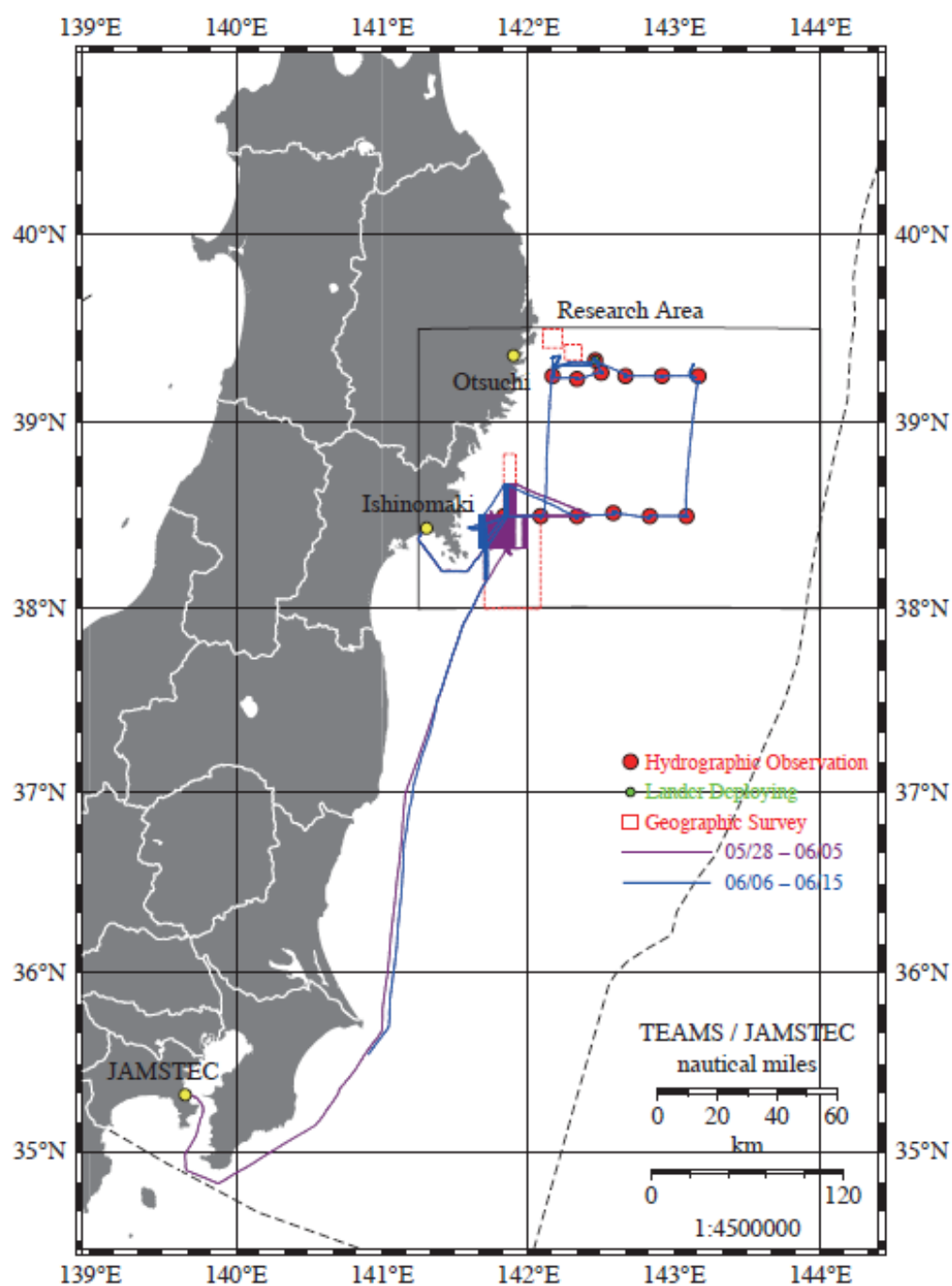
Cruise Summary

1. Cruise Information

Cruise ID	KS-17-J08C
Name of vessel	R/V Shhinsei Maru
Title of the cruise	Researches on marine ecosystem dynamics in the Tsunami affected area off Sanriku
Chief scientist [Affiliation]	Shuichi Watanabe Project Team for Analyses of Changes in East Japan Marine Ecosystems, JAMSTEC
Representative of the Science Party [Affiliation]	Shinji Tsuchida Project Team for Analyses of Changes in East Japan Marine Ecosystems, JAMSTEC
Title of proposal	Researches on marine ecosystem dynamics in the Tsunami affected area off Sanriku
Cruise period	May 28, 2017 ~ June 15, 2017
Ports of departure / call / arrival	Yokosuka ~ Ishinomaki ~ Yokosuka
Research area	Off Sanriku

Research map

KS-17-J08C R/V Shinsei-Maru Ship Track. 2017/05/28 – 2017/06/15



2. Overview of the Observation

Overview of the observation

The project of Tohoku Ecosystem-Associated Marine Sciences (TEAMS) aims to investigate marine ecosystems that were drastically changed by the disaster, to understand the process of recover from the damages of the Great East Japan Earthquake, and to help the reconstruction and sustainable development of fisheries. For achieving that projects objectives, the roles of our unit, Research Unit for Ecosystem Monitoring, is to research the basic hydrographic structure and the long-term change of marine environments, to conduct the geographical survey, and so on.

In this cruise, we conducted the geographic survey off Onagawa, in which area was not covered with previous cruises, for creating a detailed bathymetric map of the Sanriku coast after the earthquake and tsunami. We also conducted the hydrographic observation using CTD-system to obtain the information of hydrographic structure at 13 stations and to collect seawater samples for analyzing biological and chemical components. Lander was deployed at about 1,000m depth off Otsuchi to conducting long-term monitoring of marine environments near the seafloor.

Title of project	Analyses of Changes in East Japan Marine Ecosystems, Tohoku Ecosystem-Associated Marine Sciences
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