

Report
on ROV operations conducted during the research cruise
on 17.09.2012 – 27.09.2012

Abstract

This Report constitutes results of activities carried out within the framework of CHEMSEA research project. The activities (Remotely Operated Vehicle operations) were performed from the deck of the research vessel of the Institute of Oceanology of the Polish Academy of Sciences r/v "Oceania", during the research cruise.

The cruise was attended by specialists from the Department of Underwater Technologies and the Department of Law of the Sea and State's Maritime Security.

The task of PNA experts during the cruise, was to collect samples of bottom sediments and near bottom layer water for geochemical analysis, using Remotely Operated Underwater Vehicle. Furthermore, PNA experts during ROV operations, were to document selected areas of the sea bottom in terms of recognition of possible contamination, and (in case of positive detection of contaminants) decontamination of people and equipment.

During the cruise, ROV conducted 18 dives, each time at depths of about 100 meters in the Gulf of Gdansk and Gotland Deep.

The Report contains a summary of the results of inspections on selected objects on the sea bottom, along with their photographic characteristics.