

## Cruise Summary

### 1. Cruise information

<u>Cruise number</u> :	NT10-14
<u>Ship name</u> :	Natsushima
<u>Title of the cruise</u> :	Experience embarkation for winners of 'Draw your dreams of the ocean on a postcard contest'
<u>Chief scientist</u> <u>[Affiliation]</u> :	Shinichi Suzuki [JAMSTEC]
<u>Representative of the Science Party</u> <u>[Affiliation]</u> :	Shozo Tashiro [JAMSTEC]
<u>Cruise period</u> :	Aug. 13, 2010 – Aug. 17, 2010
<u>Port call</u> :	Shimizu- Yokosuka
<u>Dive area</u> :	Suruga bay

### 2. Overview

The purpose of this voyage was to win a supplementary prize for the 12th nationwide child of 'Draw your Dreams of the Ocean on a postcard contest,' allowing the winning children to see and experience ocean research sites. The aim is to enlighten and educate children who have dreams of the ocean. This year as well, the winner of the JAMSTEC president's award at the 'Ocean and fish, free research and work contest' were on board, providing an opportunity for even more children to experience the experience. In addition, proposals for deep-sea experiments using 'Hyper Dolphin' were solicited from the public in advance, and the experiments recognized as excellent were implemented.

### 3. Result

The first day was a dive off the coast of Heda. (HPD#1170)

Before arriving in the area, the participants watched the scene of the ship's departure, provided various explanations, made a styrofoam cup to commemorate the dive, and toured the ship's interior. During the dive, similar to last year, participants conducted various experiments, observed the ocean floor and living things, and experienced operating an HPD. Afterwards, they observed the surfacing process in the HPD control room and observed the lift-off process. During the trip to Shimizu Port, samples were observed and experiments were conducted in the laboratory, and while the participants were docking, they summarized their experiences on board, and after disembarking, they took commemorative photos before disbanding.

On the second day, we did a dive off the coast of Toi. (HPD#1171)

The basic content was the same as on the first day, with observation and explanation of the biological samples from the previous day during HPD surfacing. From this dive, the public relations department conducted a planned experiment that had been advertised on the web.

On the third day, we dived off the coast of Heda again. (HPD#1172)

The basic content was the same as on the first day, and we planned to spend some time observing creatures during the dive, but due to a hydraulic problem with the HPD, the dive time was shortened by 2 hours, so we adjusted it by experiencing the operation of the Natsushima.

Although the content was different for each dive, we believe that the on-site explanations were able to capture the interest of the participants, and that they were able to experience the activities on the research vessel in a fulfilling manner.