



R/V Natsushima “Cruise Report”

NT11-16

Post-IODP Investigation

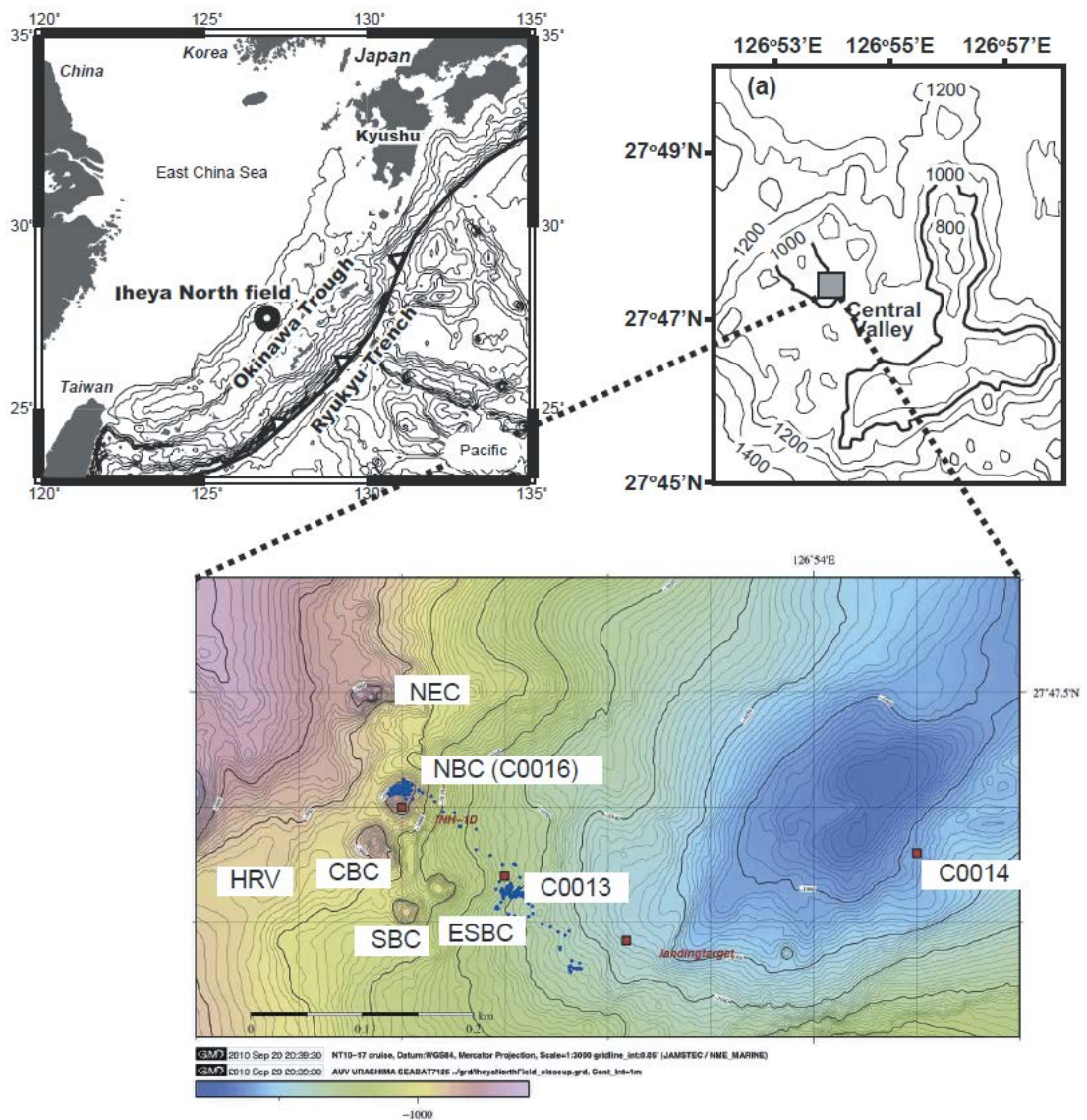
Aug. 25, 2011 - Sep. 03, 2011

Japan Agency for Marine-Earth Science and Technology

(JAMSTEC)

## 1. Cruise Information

- Cruise ID: NT11-16
- Name of vessel: R/V Natsushima
- Title of the cruise: Post-Drilling dive investigation into IODP holes at the Iheya-North hydrothermal field.
- Title of proposal: Post-Drilling dive investigation into IODP holes at the Iheya-North hydrothermal field.
- Cruise period: 25/08/2011 - 03/09/2011
- Ports of call: Naha - Naha
- Research area: Iheya-North hydrothermal field
- Research Map



## 2. Researchers

- Chief scientist: KAWAGUCCI, Shinsuke [JAMSTEC]
- Representative of the science party: KAWAGUCCI, Shinsuke [JAMSTEC]
- Science party:
  - MIYAZAKI, Junichi [JAMSTEC]
  - NISHIZAWA, Manabu [JAMSTEC]
  - YOSHIDA, Mitsuhiro [JAMSTEC]
  - KASHIWABARA, Teruhiko [JAMSTEC]
  - MASAKI, Yuka [JAMSTEC]
  - OKABE, Nobuaki [Univ. of Tokyo]
  - YAMAGAMI, Shosei [Okayama Univ]
  - Omori, Eriko [Hiroshima Univ.]
  - ARIGA, Daisuke [Hiroshima Univ.]
  - ONODERA, Takuya [NME]

## 3. Observation

- Observation
  - In September 2010, IODP conducted deep-sea hydrothermal field drilling at the Iheya-North field, Okinawa Trough. For the drilled holes casing pipes were developed for future exploration into the seafloor environment by using submersible/ROV investigation. In this cruise we obtained effluent fluid from the pipes and also native hydrothermal fluid.
  - List of observation equipments
    - WHATS, Vacuum Sampler, Bag Sampler, MBARI corer
  - Dive information
    - All dives were carried out at the Iheya-North hydrothermal field.

## 4. Notice on Using

Notice on using: Insert the following notice to users regarding the data and samples obtained.

This cruise report is a preliminary documentation as of the end of the cruise.  
This report may not be corrected even if changes on contents (i.e. taxonomic classifications) may be found after its publication. This report may also be changed without notice. Data on this cruise report may be raw or unprocessed. If you are going to use or refer to the data written on this report, please ask the Chief Scientist for latest information.  
Users of data or results on this cruise report are requested to submit their results to the Data Management Group of JAMSTEC.