

Cruise Summary

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.
- Chief scientist : Shinsuke Kawagucci [JAMSTEC]
- Representative of the Science Party : Shinsuke Kawagucci [JAMSTEC]
- Cruise period : 25/08/2011~03/09/2011
- Ports of call : Naha~Naha
- Research area : Iheya-North hydrothermal field, Okinawa Trough.

2. Overview of the Observation

- Overview of the 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.