

Cruise Summary

Cruise Information

Cruise ID : NT10-06 Leg.1

Name of Vessel: Natsushima

Title of the Cruise: Base-line investigation of animal communities associated with hydrothermal vent activity in the Iheya north field, Okinawa Trough

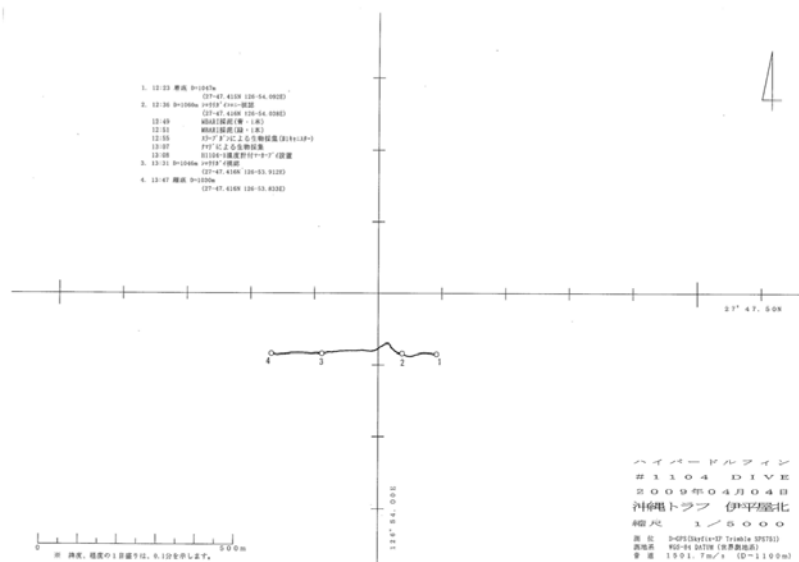
Chief Scientist: Takuro NUNOURA (JAMSTEC)

Cruise Period : 2010.4.2 – 2010.4.4

Port of Call : Kagoshima Port. Directly connected to NT10-06 Leg.2

Research Area : Northern Part of Iheya Ridge, Okinawa Trough

Research Map



Overview of the Observation

Hydrothermal vent field in the northern part of the Iheya Ridge will be the first drilling point which bearing rich animal communities with active hydrothermal venting. The purpose of this cruise is to describe the animal communities in this Iheya north site, as the animal communities will be affect by drilling investigation. MBARI core, slurp gun, and rake were used for this investigation. At first, we planned to collect at least three types of animal communities (dominated by *Calyptogena* clam, *Bathymodiolus* mussel and *Shinkaia* crab). Unfortunately, due to the mechanical trouble of ROV *HyperDolphin*, only *Calyptogena* dominated community was investigated.