

URASHIMA URSM 00139 Submersible Bathymetry (MBES)

Last Modified: 2014-06-18

ReadMe

Dive No.: [URSM 00139](#)

Submersible Bathymetry (MBES): Raw

Data Policy: [JAMSTEC](#)

Observation Items: Depth

Science Keywords:

OCEANS > BATHYMETRY/SEAFLOOR TOPOGRAPHY > BATHYMETRY
SOLID EARTH > GEOMORPHOLOGY

Cruise Report

http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/YK11-10_all.pdf

For Using Data

Principal Investigator

Data Management Office

Use Constraints

See [Terms and Conditions](#) about constrain of use.

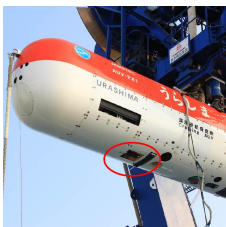
Data Citation

See [Terms and Conditions](#) about data citation.

Instrument

Instrument:

Multi-narrow beam echo sounder on
the autonomous underwater vehicle
"URASHIMA"



Overview

The data provided here are the bathymetric data obtained from the multibeam echo sounder system (MBES). The system transmits the shape echo sounder beam from the transmitter and receives the beam reflected from the seabed using the hydrophone. The water depth is calculated from the travel time of the beam between the transmitter and the receiver. Having many transmitters make fan beams across the keel, this system can obtain a lot of bathymetric data on a wide angle at once.

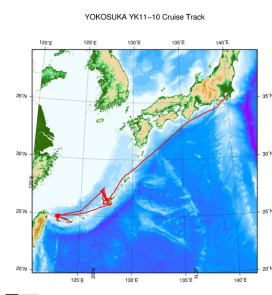
About this data

We have no plan to process the data.

Please refer to "Application" if you wish to use the raw data.

Related Information

☒ Cruise Data ☐ Dive Data



[Enlarge Image](#)

YK11-10

Ship Name: YOKOSUKA

Period: 2011-11-15 - 2011-12-06

Chief Scientist: Tamaki Ura (The University of Tokyo)

Proposal Title: Development of Strategy for Finding and Observing Hydro-Thermal Vent Fields in West Part of Okinawa Trough such as No. 4 Yonaguni Knolls by Using Two Autonomous Underwater Vehicles

Update History

2014-06-18	An observation data was registered.
2013-12-13	An observation data was registered.

JAMSTEC

[Site Policy](#)
[Privacy Policy](#)
[Application for Data and Samples](#)
[Data Policy](#)
[What's New](#)
[Update History](#)
[Feeds](#)

[Lists](#)
[Publication List](#)
[Amount of Public Info.](#)
[Data](#)
[Map Search](#)
[Data Tree](#)
[Detailed Search](#)

[Information of the Ships](#)
NATSUSHIMA
KAIYO
YOKOSUKA
MIRAI
KAIREI
CHIKYU
KAIMEI
SHINSEI MARU
HAKUHO MARU

[Information of the Submersibles](#)
KAIKO
SHINKAI 2000
SHINKAI 6500
DEEP TOW
HYPER-DOLPHIN
URASHIMA
YOKOSUKA DEEP TOW
6K Camera DEEP TOW

Go to a Cruise Information

Cruise ID:

Go to a Dive Information

Dive ID:

6K Sonar DEEP TOW
KM-ROV
POWER GRAB SAMPLER
(SHELL)
POWER GRAB SAMPLER
(CLOW)
BMS

Copyright 2011 Japan Agency for Marine-Earth Science and
Technology



JAMSTEC

国立研究開発法人
海洋研究開発機構
JAPAN AGENCY FOR MARINE EARTH SCIENCE AND TECHNOLOGY