

URASHIMA URSM 00094 Submersible Bathymetry (MBES)

Last Modified: 2014-06-18

ReadMe

Dive No.: [URSM 00094](#)

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/YK09-08_all.pdf

For Using Data

Principal Investigator

Data Management Office

Use Constraints

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

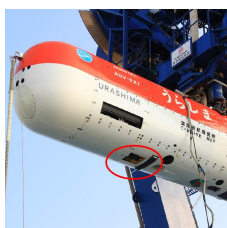
Data Citation

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.

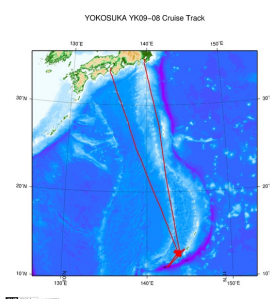
About this data

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](#)

YK09-08

Ship Name: YOKOSUKA

Period: 2009-06-29 - 2009-07-17

Chief Scientist: Kyoko Okino (The University of Tokyo)

Proposal ▶ High-resolution, 3-dimensional and multi-sensor mapping of three hydrothermal sites in the southern Mariana Trough

Update History

2014-06-18	An observation data was registerd.
2013-10-29	An observation data was registerd.

Cruise ID:

Dive ID:

Feeds

SHINSEI MARU
HAKUHO MARU

6K Camera DEEP TOW
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