

## URASHIMA URSM 00091 Submersible Bathymetry (MBES)

Last Modified: 2014-06-18

### ReadMe

Dive No.: [URSM 00091](#)

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](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.

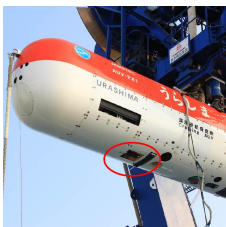
#### Data Citation

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.

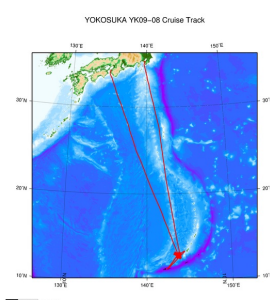
### About this data

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 registered.
2013-10-29	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

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