

## URASHIMA URSM 00159 Submersible Bathymetry (MBES)

Last Modified: 2016-10-03

### ReadMe

Dive No.: [URSM 00159](#)

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/YK13-07\\_all.pdf](http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/YK13-07_all.pdf)

### For Using Data

#### Principal Investigator

Data Management Office

#### Use Constraints

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

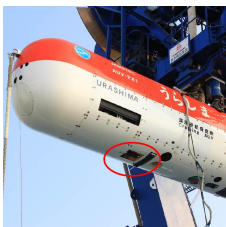
#### Data Citation

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.

### Note

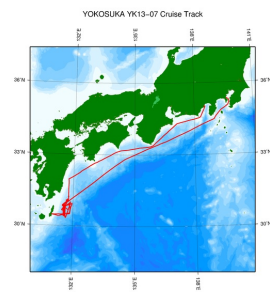
#### About this data

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](#)

#### YK13-07

Ship Name: YOKOSUKA

Period: 2013-08-10 - 2013-08-18

Chief Scientist: Fujio Yamamoto (JAMSTEC)

Proposal High resolution topographical and geological mapping survey of mud > volcanoes off

Title: Tanega-shima, southwestern Japan. - Implication for > research on the potential of huge hydrocarbon resources-

### Update History

2016-10-03 An observation data was registerd.

JAMSTEC  
Site Policy  
Privacy Policy  
Application for Data and Samples  
Data Policy  
What's New  
Update History

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

Information of the Submersibles  
KAIKO  
SHINKAI 2000  
SHINKAI 6500  
DEEP TOW  
HYPER-DOLPHIN  
URASHIMA  
YOKOSUKA DEEP TOW

#### Go to a Cruise Information

Cruise ID:

#### Go to a Dive Information

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

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