

## URASHIMA URSM 00107 Submersible Bathymetry (MBES)

Last Modified: 2016-10-05

### ReadMe

Dive No.: [URSM 00107](#)

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/YK10-02\\_all.pdf](http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/YK10-02_all.pdf)

### For Using Data

#### Principal Investigator

Data Management Office

#### Use Constraints

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

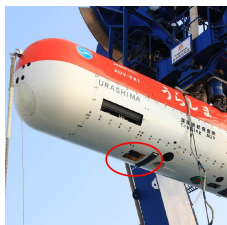
#### Data Citation

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

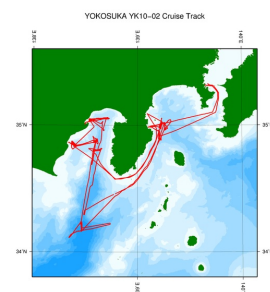
#### About this data

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



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[Enlarge Image](#)

#### YK10-02

Ship Name: YOKOSUKA

Period: 2010-02-18 - 2010-03-04

Chief Scientist: Satoshi Tsukioka (JAMSTEC)/Tadahiro Hyakudome (JAMSTEC)

Proposal Elemental Technology Tests for Deep & Long Cruising Range Autonomous Underwater

Title: Vehicle "URASHIMA"

### Update History

2016-10-05 An observation data was registerd.

#### JAMSTEC

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[Amount of Public Info.](#)

#### Data

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[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](#)

#### Go to a Cruise Information

Cruise ID:

#### Go to a Dive Information

Dive ID:

Feeds

SHINSEI MARU  
HAKUHO MARU

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

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