

## URASHIMA URSM 00091 Side Scan Sonar

Last Modified: 2014-06-18

### ReadMe

Dive No.: [URSM 00091](#)

Side Scan Sonar: Raw

Data Policy: [JAMSTEC](#)

Observation Items: Backscatter intensity

Science Keywords:

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.

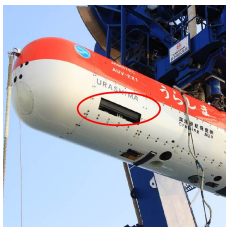
#### Data Citation

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

### Instrument

Instrument:

Side-scan sonar on the autonomous underwater vehicle "URASHIMA".



### Overview

This data is a reflection intensity data measured by the side-scan sonar.

The side-scan sonar, by transmitting in a direction perpendicular to the traveling direction of the vehicle body from the wave transmitter of the aircraft acoustic pulses having directivity of the sector, and the backscattered waves scattered and reflected by objects submarine on the seabed or it is obtained by reception, to create a sound image of the seabed by the sound pressure intensity.

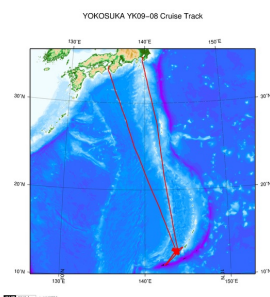
### About this data

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

Title:

### Update History

2014-06-18	An observation data was registered.
2014-01-21	An observation data was registered.

#### JAMSTEC

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#### Data

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#### 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](#)

[6K Sonar DEEP TOW](#)

[KM-ROV](#)

#### Go to a Cruise Information

Cruise ID:

#### Go to a Dive Information

Dive ID:

POWER GRAB SAMPLER  
(SHELL)  
POWER GRAB SAMPLER  
(CLOW)  
BMS

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