

URASHIMA URSM 00093 Side Scan Sonar

Last Modified: 2014-06-18

ReadMe

Dive No.: [URSM 00093](#)

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

For Using Data

Principal Investigator

Data Management Office

Use Constraints

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

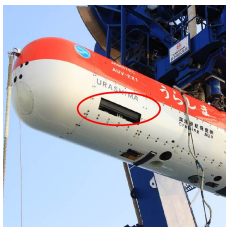
Data Citation

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.

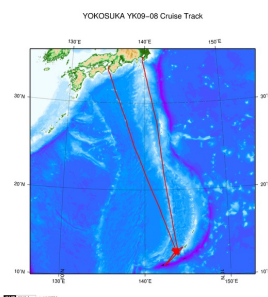
About this data

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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[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
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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