

URASHIMA URSM 00159 Side Scan Sonar

Last Modified: 2016-10-05

ReadMe

Dive No.: [URSM 00159](#)

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/YK13-07_all.pdf

For Using Data

Principal Investigator

Data Management Office

Use Constraints

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

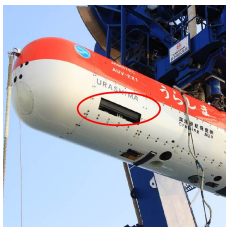
Data Citation

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

Instrument

Instrument:

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.

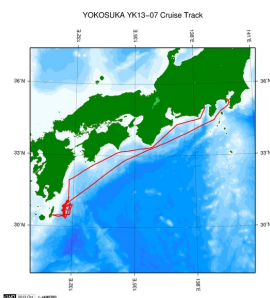
About this data

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](#)

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

2016-10-05 An observation data was registerd.

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