

## SHINSEI MARU KS-17-J05 Bathymetry (MBES)

Last Modified: 2021-04-15

### ReadMe

Cruise ID: [KS-17-J05](#)

Bathymetry (MBES): Raw

Data Policy: [JAMSTEC](#)

Observation Items: Depth

Science Keywords:

OCEANS > BATHYMETRY/SEAFLOOR > BATHYMETRY  
TOPOGRAPHY  
SOLID EARTH > GEOMORPHOLOGY

### Cruise Report

[http://www.godac.jamstec.go.jp/catalog/data/doc\\_catalog/media/KS-17-J05\\_all.pdf](http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/KS-17-J05_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 for shallow-medium water



Instrument:

Multi-narrow beam echo sounder for deep water



### Measurement System

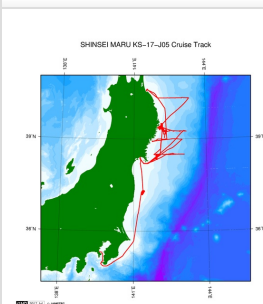
	Multibeam echo sounder for shallow water (MBES-S)	Multibeam echo sounder for deep water (MBES-D)
Manufacturer:	Teledyne RESON	Elac
Type :	SeaBat7125SV2	SeaBeam3020
Frequency :	200kHz or 400kHz	20kHz
Swath angle:	Max 165°	Max 140°
Beam angle:	1.0° * 2.0°(200kHz), 0.5° * 1.0°(400kHz)	1° * 1°
Beam number:	256(200kHz), 512(400kHz)	301
Range:	0.5m - 450m	50m - 7,000m
Accuracy(Depth) :	Compliance with IHO S-44 over entire depth range	Compliance with IHO S-44 for depth greater than 100 metres

### About this data

Only MBES-S data was collected in this cruise, but we have no plan to process the MBES-S data.

If you would like the raw data set, please contact us from "Contact Us" above.

### Related Information



[Enlarge Image](#)

### KS-17-J05

Ship Name: SHINSEI MARU

Period: 2017-03-12 - 2017-03-30

Chief Scientist: Masahide Wakita (JAMSTEC)

Project Name: [Tohoku Ecosystem-Associated Marine Sciences (TEAMS)]

Proposal Marine Ecosystems Investigation, Impact by the mega-earthquake (the 2011 Earthquake of the Pacific coast of Tohoku) and Tsunami: For Recovery and Rebuilding of Sanriku Fisheries Activities

### Update History

2021-04-15 An observation data was registered.

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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  
POWER GRAB

### Go to a Cruise Information

Cruise ID:

### Go to a Dive Information

Dive ID:

SAMPLER (SHELL)  
POWER GRAB  
SAMPLER (CLOW)  
BMS

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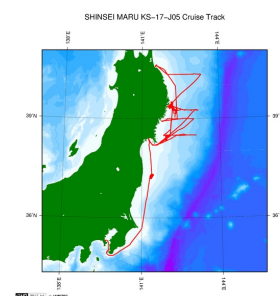
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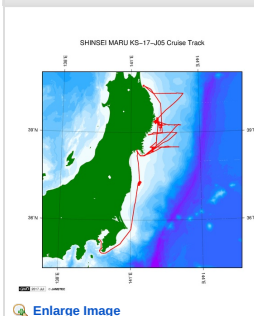
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