

KAIMEI KM17-06C Gravity

Last Modified: 2019-07-26

ReadMe

Cruise ID: [KM17-06C](#)

Gravity: Raw

Data Policy: [JAMSTEC](#)

Observation Items: Absolute gravity

Science Keywords:

OCEANS > MARINE GEOPHYSICS > MARINE GRAVITY FIELD
SOLID EARTH > GEODETICS/GRAVITY > GRAVITY

Cruise Report

http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/KM17-06C_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:

Shipboard gravimeter



Instrument:

Microgravimeter



Measurement System

(1) Shipboard gravity meter

The system consists of two main assemblies; the gyro-stabilized platform including the gravity sensor and the data handling & control system.

Manufacturer : Micro-g LaCoste, Inc.

Model : MGS-6

Measuring range : 500,000 mGal

Accuracy : 0.6 mGal

Drift rate : < 3.0 mGal/month

Installation : Gravity meter room

Reference: "MGS-6 Marine Gravity System 6 User's Manual", Micro-g LaCoste 2015

(2) Portable gravity meter

The portable gravity meter consists of two modules; the data acquisition/control module and the gravity sensor module. The gravity sensor is enclosed in a thermostatically controlled vacuum chamber. The portable gravity meter is used to calculate the absolute gravity of the port with reference to the gravity station of the Japan Gravity Standardization Net of the Geographical Survey Institute of Japan.

Manufacturer : SCINTREX

Model : CG-5

Measurement range : 8,000 mGal

Standard deviation : 0.005 mGal

Drift rate : < 0.02 mGal/day

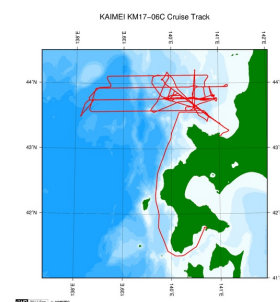
Reference: "CG-5 OPERATION MANUAL", SCINTREX

About this data

We have no plan to process the data due to equipment adjustment.

Please refer to the "Contact Us" if you wish to use the raw data.

Related Information



 [Enlarge Image](#)

[KM17-06C](#)

Ship Name: KAIMEI

Period: 2017-06-22 - 2017-07-10

Chief Scientist: Tetsuo No (JAMSTEC)

Proposal Integrated Research Project on Seismic and Tsunami Hazards Around the Sea of Japan

Title:

Update History	
2019-07-26	An observation data was registerd.
2018-11-15	An observation data was registerd.

JAMSTEC

- Site Policy
- Privacy Policy
- Application for Data and Samples
- Data Policy
- What's New
- Update History
- Feeds

Lists

- Publication List
- Amount of Public Info.
- Data
- Map Search
- 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
- POWER GRAB SAMPLER (SHELL)
- POWER GRAB SAMPLER (CLOW)
- BMS

Go to a Cruise Information

Cruise ID:

Go

Go to a Dive Information

Dive ID:

Go

KAIMEI KM17-06C Gravity

Last Modified: 2019-07-26

ReadMe

Cruise ID: [KM17-06C](#)

Gravity: Raw

Data Policy: [JAMSTEC](#)

Observation Items: Absolute gravity

Science Keywords:

OCEANS > MARINE GEOPHYSICS > MARINE GRAVITY FIELD
SOLID EARTH > GEODETICS/GRAVITY > GRAVITY

Cruise Report

http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/KM17-06C_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:

Shipboard gravimeter



Instrument:

Microgravimeter



Measurement System

(1) Shipboard gravity meter

The system consists of two main assemblies; the gyro-stabilized platform including the gravity sensor and the data handling & control system.

Manufacturer : Micro-g LaCoste, Inc.

Model : MGS-6

Measuring range : 500,000 mGal

Accuracy : 0.6 mGal

Drift rate : < 3.0 mGal/month

Installation : Gravity meter room

Reference: "MGS-6 Marine Gravity System 6 User's Manual", Micro-g LaCoste 2015

(2) Portable gravity meter

The portable gravity meter consists of two modules; the data acquisition/control module and the gravity sensor module. The gravity sensor is enclosed in a thermostatically controlled vacuum chamber. The portable gravity meter is used to calculate the absolute gravity of the port with reference to the gravity station of the Japan Gravity Standardization Net of the Geographical Survey Institute of Japan.

Manufacturer : SCINTREX

Model : CG-5

Measurement range : 8,000 mGal

Standard deviation : 0.005 mGal

Drift rate : < 0.02 mGal/day

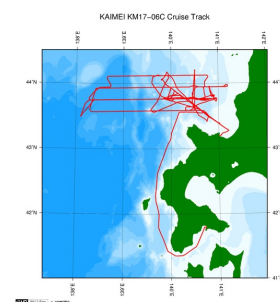
Reference: "CG-5 OPERATION MANUAL", SCINTREX

About this data

We have no plan to process the data due to equipment adjustment.

Please refer to the "Contact Us" if you wish to use the raw data.

Related Information



 [Enlarge Image](#)

[KM17-06C](#)

Ship Name: KAIMEI

Period: 2017-06-22 - 2017-07-10

Chief Scientist: Tetsuo No (JAMSTEC)

Proposal Integrated Research Project on Seismic and Tsunami Hazards Around the Sea of Japan

Title:

Update History	
2019-07-26	An observation data was registerd.
2018-11-15	An observation data was registerd.

JAMSTEC

- Site Policy
- Privacy Policy
- Application for Data and Samples
- Data Policy
- What's New
- Update History
- Feeds

Lists

- Publication List
- Amount of Public Info.
- Data
- Map Search
- 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
- POWER GRAB SAMPLER (SHELL)
- POWER GRAB SAMPLER (CLOW)
- BMS

Go to a Cruise Information

Cruise ID:

Go

Go to a Dive Information

Dive ID:

Go

KAIMEI KM17-06C Gravity

Last Modified: 2019-07-26

ReadMe

Cruise ID: **KM17-06C**

Gravity: Raw

Data Policy: **JAMSTEC**

Observation Items: Absolute gravity

Science Keywords:

OCEANS > MARINE GEOPHYSICS > MARINE GRAVITY FIELD
SOLID EARTH > GEODETICS/GRAVITY > GRAVITY

Cruise Report

http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/KM17-06C_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:

Shipboard gravimeter



Instrument:

Microgravimeter



Measurement System

(1) Shipboard gravity meter

The system consists of two main assemblies; the gyro-stabilized platform including the gravity sensor and the data handling & control system.

Manufacturer : Micro-g LaCoste, Inc.

Model : MGS-6

Measuring range : 500,000 mGal

Accuracy : 0.6 mGal

Drift rate : < 3.0 mGal/month

Installation : Gravity meter room

Reference: "MGS-6 Marine Gravity System 6 User's Manual", Micro-g LaCoste 2015

(2) Portable gravity meter

The portable gravity meter consists of two modules; the data acquisition/control module and the gravity sensor module. The gravity sensor is enclosed in a thermostatically controlled vacuum chamber. The portable gravity meter is used to calculate the absolute gravity of the port with reference to the gravity station of the Japan Gravity Standardization Net of the Geographical Survey Institute of Japan.

Manufacturer : SCINTREX

Model : CG-5

Measurement range : 8,000 mGal

Standard deviation : 0.005 mGal

Drift rate : < 0.02 mGal/day

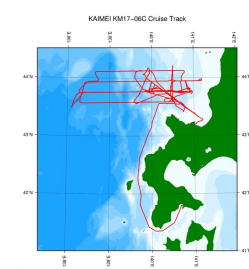
Reference: "CG-5 OPERATION MANUAL", SCINTREX

About this data

We have no plan to process the data due to equipment adjustment.

Please refer to the "Contact Us" if you wish to use the raw data.

Related Information



[Enlarge Image](#)

KM17-06C

Ship Name: KAIMEI

Period: 2017-06-22 - 2017-07-10

Chief Scientist: Tetsuo No (JAMSTEC)

Proposal Integrated Research Project on Seismic and Tsunami Hazards Around the Sea of Japan

Title:

Update History

2019-07-26	An observation data was registerd.
2018-11-15	An observation data was registerd.

[Data Policy](#)

[What's New](#)

[Update History](#)

[Feeds](#)

[Data Tree](#)

[Detailed Search](#)

[KAIREI](#)

[CHIKYU](#)

[KAIMEI](#)

[SHINSEI MARU](#)

[HAKUHO MARU](#)

[DEEP TOW](#)

[HYPER-DOLPHIN](#)

[URASHIMA](#)

[YOKOSUKA DEEP TOW](#)

[6K Camera DEEP TOW](#)

[6K Sonar DEEP TOW](#)

[KM-ROV](#)

[POWER GRAB SAMPLER
\(SHELL\)](#)

[POWER GRAB SAMPLER
\(CLOW\)](#)

[BMS](#)

[Go to a Dive Information](#)

Dive ID:

Go

Copyright 2011 Japan Agency for Marine-Earth Science and Technology



JAMSTEC

JAPAN AGENCY FOR MARINE-EARTH SCIENCE AND TECHNOLOGY

国立研究開発法人
海洋研究開発機構