

## MIRAI MR15-03 Leg1 Radiocesium

Last Modified: 2018-01-23

[ReadMe](#) [Observation Data](#)

Cruise ID: [MR15-03 Leg1](#)

Radiocesium: Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

### Data Information

- (1) Instrument : Ge semi-conductor detector, Well-type GCW2022-7915-30-ULB, Canberra Industries, Inc.
- (2) Method : Concentration on Ammonum Phosphomolybdate and Platinate, gamma-ray measurement.
- (3) Uncertainty : about 5%
- (4) Standard/calibration : gamma-ray volume sources (Eckert & Ziegler Isotope Products) certificated by Deutscher Kalibrierdienst (DKD)

### Cruise Report

[http://www.godac.jamstec.go.jp/catalog/data/doc\\_catalog/media/MR15-03\\_leg1\\_all.pdf](http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR15-03_leg1_all.pdf)

### For Using Data

#### Principal Investigator

Yuichiro Kumamoto (RCGC/JAMSTEC)

#### Use Constraints

None

#### Data Citation

None

### Instrument

Instrument:

Ge semi-conductor detector, Well-type  
GCW2022-7915-30-ULB, Canberra  
Industries, Inc.

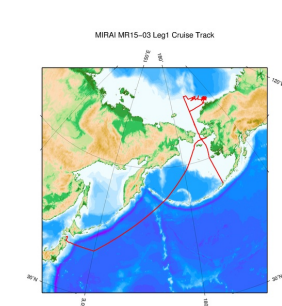
Instrument Information:



### Data Format

File Name: Cs\_datasheet\_171010  
Serial: Sample ID  
Cruise: Cruise  
Station: Station  
Sampling date (UTC): Sampling date (UTC)  
Latitude N: Latitude N  
Longitude E: Longitude E  
Depth (m): Depth (m)  
Cs-134 (Bq/m3): Cs-134 concentration  
Error(Bq/m3): Error for Cs-134 concentration  
D.L. (Bq/m3): Detection limit for Cs-134 concentration  
Cs-137 (Bq/m3): Cs-137 concentration  
Error(Bq/m3): Error for Cs-137 concentration  
D.L. (Bq/m3): Detection limit for Cs-137 concentration

### Related Information



 [Enlarge Image](#)

#### MR15-03 Leg1

Ship Name: MIRAI  
Period: 2015-08-23 - 2015-10-06  
Chief Scientist: Shigeto Nishino (JAMSTEC)  
Project Name: [Arctic Ocean Climate System Reaserch]  
Proposal ▶ Observational studies on the Arctic Ocean climate and ecosystem variability  
Title:

### Update History

2018-01-23	An observation data was registerd.
2017-11-30	An observation data was registerd.

#### JAMSTEC

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#### Data

[Map Search](#)  
[Data Tree](#)  
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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](#)  
[POWER GRAB SAMPLER \(SHELL\)](#)  
[POWER GRAB SAMPLER \(CLOW\)](#)  
[BMS](#)

#### Go to a Cruise Information

Cruise ID:

#### Go to a Dive Information

Dive ID:

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**JAMSTEC** 国立研究開発法人  
海洋研究開発機構  
JAPAN AGENCY FOR MARINE-EARTH SCIENCE AND TECHNOLOGY

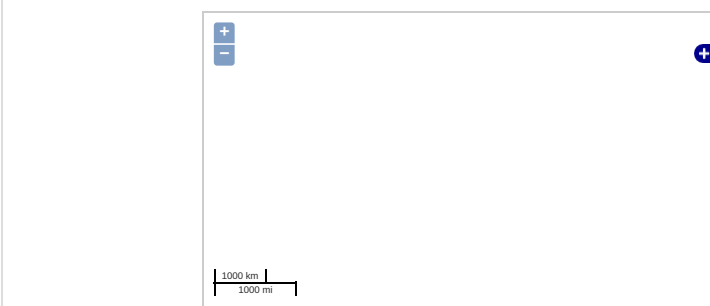
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### Observation Map



Imagery reproduced from ...

... Observation Line ... Navigation ... Observation, Dive Point, Hole

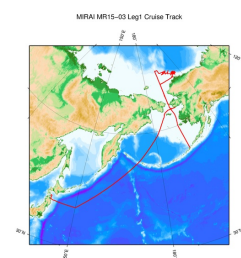
### Data List

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#### File names

MR15-03\_Cs\_datasheet\_171010.xls

### Related Information



[Enlarge Image](#)

#### MR15-03 Leg1

Ship Name: MIRAI  
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Chief Scientist: Shigeto Nishino (JAMSTEC)  
Project Name: [Arctic Ocean Climate System Research]  
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#### Go to a Dive Information

Dive ID:

