

## MIRAI MR10-05 Leg2 HPLC Phytoplankton pigment concentration

Last Modified: 2013-02-25

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

Cruise ID: [MR10-05 Leg2](#)

HPLC Phytoplankton pigment concentration: Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

### Data Information

concentrations of phytoplankton pigment were sampled in the subsurface layer. Filter samples were stored in a deep-freezer (-80°C) until analysis on land. Pigments were extracted following to a method described in Suzuki et al., (2005). Concentrations of phytoplankton pigment were determined by a method of Van Heukelem et al. (2001).

### Cruise Report

[http://www.godac.jamstec.go.jp/catalog/data/doc\\_catalog/media/MR10-05\\_leg1-2\\_all.pdf](http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR10-05_leg1-2_all.pdf)

### For Using Data

#### Principal Investigator

Sei-ichi Saitoh (Faculty/Graduate School of Fisheries Sciences, Hokkaido University)

#### Use Constraints

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

#### Data Citation

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

### Instrument

Instrument:

Shimadzu HPLC (CLASS-VP system)

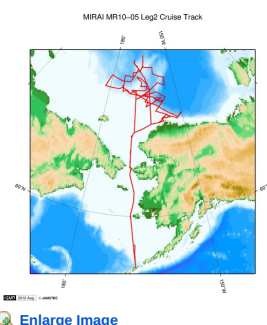
Instrument Information:



### Data Format

The data sampled at each station and each depth are formatted to ASCII files. The information of filtration and measurement is written in the fieldnote formatted to a Microsoft Excel file.

### Related Information



#### MR10-05 Leg2

Ship Name: MIRAI

Period: 2010-09-02 - 2010-10-16

Chief Scientist: Motoyo Ito (JAMSTEC)

Project Name: [Arctic Ocean Climate System Research]

Proposal ▶ Arctic Climate Oceanography

Title:

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### Update History

2013-02-25 An observation data was registered.

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#### Data

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#### Information of the Submersibles

[KAIKO](#)

[SHINKAI 2000](#)

[SHINKAI 6500](#)

[DEEP TOW](#)

[HYPER-DOLPHIN](#)

[URASHIMA](#)

[YOKOSUKA DEEP TOW](#)

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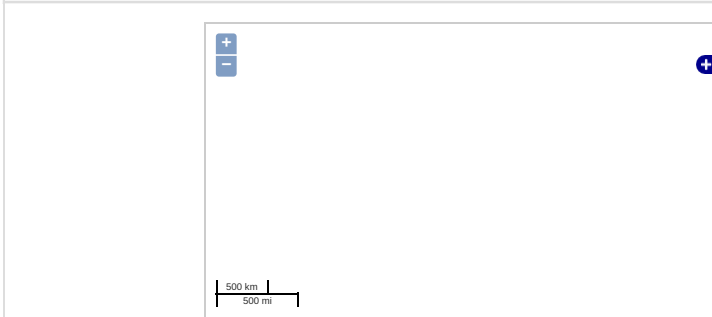
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Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

### Observation Map



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

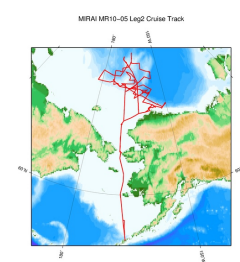
### Data List

[Add to Basket](#)

#### File names

☐ HPLC\_MR1005.xls

### Related Information



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