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

oncentrations of phytoplanlton pigment were sampled in the subsurface layer. Filter samples were stored in a deep-freezer (-80ºC) until analysis on land. Pigments were extracted following to a method described in Suzuki et al., (2005). Concentrations of phytolpankton 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

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)

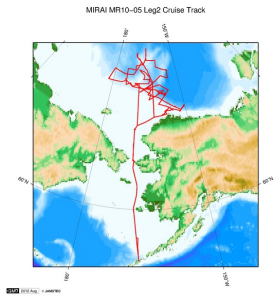
Instrument Information:

NO IMAGE

Data Format

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

Related Information



Enlarge Image

MR10-05 Leg2
Ship Name: MIRAI
Period: 2010-09-02 - 2010-10-16
Chief Scientist: Motoyo Ito (JAMSTEC)
Project Name: [Arctic Ocean Climate System Reaserch]
Proposal ▸ Arctic Climate Oceanography
Title:

Update History

2013-02-25	An observation data was registerd.

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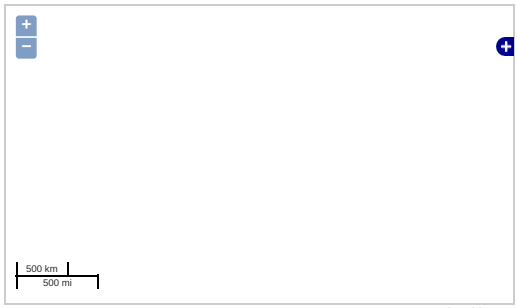
Observation Map



Imagery reproduced from ...

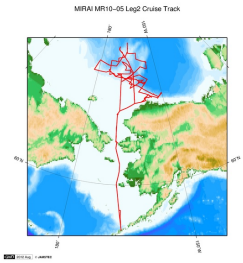
... Observation Line ... Navigation ... Observation, Dive Point, Hole

Data List

Add to Basket

	File names
☐	HPLC_MR1005.xls

Related Information



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