

## MIRAI MR13-06 Leg1 Surface Velocity Profiler (SVP) Data

Last Modified: 2018-01-23

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

Cruise ID: [MR13-06 Leg1](#)

Surface Velocity Profiler (SVP) Data: Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

### Data Information

\* Summary of the data

Surface Velocity Profiler (SVP) tracks water movement of research interest, and send it via the Iridium communication.

SVP data (6 files):

observation date (YYMMDD)

observation time (hour x 100)

latitude (degree x 100)

longitude (degree x 100)

battery voltage (V)

### Cruise Report

[http://www.godac.jamstec.go.jp/catalog/data/doc\\_catalog/media/MR13-06\\_leg1-2\\_all.pdf](http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR13-06_leg1-2_all.pdf)

### For Using Data

#### Principal Investigator

Yusuke Kawaguchi (AORI, U. Tokyo, IACE/JAMSTEC as of MR13-06)

#### Use Constraints

None

#### Data Citation

Citation:

Y. Kawaguchi, S. Nishino, "An observational study of ocean current and an eddy in the Arctic Ocean using drifting buoys at selected depth: trial experiment during RV Mirai Arctic cruise in 2013", JAMSTEC-R, 18, 29-39, 2014.

Principal Investigator:

Yusuke Kawaguchi

Department of Physical Oceanography,

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The University of Tokyo

Tel: 047-136-6047, Fax: 047-136-6056

E-mail: ykawaguchi @ aori.u-tokyo.ac.jp

### Instrument

Instrument:

ZTB-R603(D) with a drogue at 50-m depth

Instrument Information:

SVP tracks water movement of research interest, and transmits the data via the Iridium satellite.



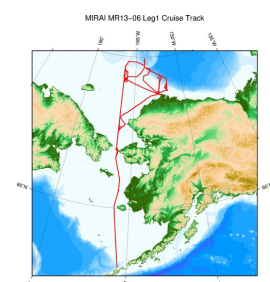
### Data Format

File name:

svp\*\*\*\*.cnv (refer to last 4 digits of IMEI number)

e.g. svp3390.cnv for IMEI=12343390

### Related Information



 [Enlarge Image](#)

#### MR13-06 Leg1

Ship Name: MIRAI

Period: 2013-08-28 - 2013-10-07

Chief Scientist: Shigeto Nishino (JAMSTEC)

Project Name: [Arctic Ocean Climate System Research]

Proposal ▶ Study on environmental changes in the sea-ice reduction regions of the Arctic Ocean

Title:

Update History	
2018-01-23	An observation data was registerd.
2017-12-22	An observation data was registerd.

#### JAMSTEC

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#### Data

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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 \(SHELL\)](#)  
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#### Go to a Cruise Information

Cruise ID:

#### Go to a Dive Information

Dive ID:

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Cruise ID: [MR13-06 Leg1](#)

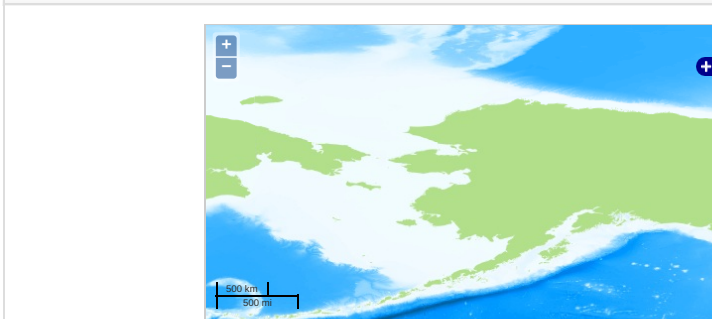
Surface Velocity Profiler (SVP) Data Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

### Observation Map



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

### Data List

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☐ File names

☐ svp0500.csv

☐ svp3130.csv

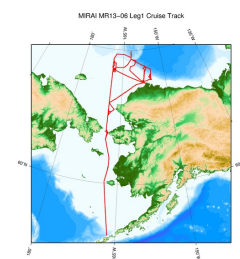
☐ svp5130.csv

☐ svp7120.csv

☐ svp8130.csv

☐ svp9130.csv

### Related Information



[Enlarge Image](#)

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