

MIRAI MR09-01 Leg1 Lowered Acoustic Doppler Current Profiler (LADCP)

Last Modified: 2018-05-12

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

Cruise ID: [MR09-01 Leg1](#)

Lowered Acoustic Doppler Current Profiler (LADCP) : Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items: Depth, Velocity (zonal and meridional)

Science Keywords:

OCEANS > OCEAN CIRCULATION > OCEAN CURRENTS

Cruise Report

http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR09-01_leg1-3_all.pdf

For Using Data

Principal Investigator

Shinya Kouketsu (JAMSTEC)

Use Constraints

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

Data Citation

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

Overview

Please see the [Data book](#) for details of data.

Velocity data with LADCP

Folders:

lad/ Velocity profile for full depth.

bot/ Velocity profile only the range

where the bottom track data were obtained.

For the process the data, only the data within the range are used.

File Format:

```
Cruise_Code Section_Code Station_Code Cast_Code
Year/Month/Day Hour/Minutes Time_Zone
Degree_Latitude Minites_Latitude [N/S] Degree_Longitude Minites_Longitude [E/W]
Magnetic_Deviation
Flag: cast_flag
z u v ev
Depth(m) U(m/s) V(m/s) Error(m/s)
. . . .
. . . .
. . . .
. . . .
. . . .
```

Cruise_Code : cruise code

Section_Code: section code

Station_Code: station code

Cast_Code: cast code

Year/Month/Day Hour/Minutes Time_Zone: The time at the bottom of the cast.

Degree_Latitude Minites_Latitude [N/S]: The latitude at the bottom of the cast.

Degree_Longitude Minites_Longitude [E/W]: The longitude at the bottom of the cast.

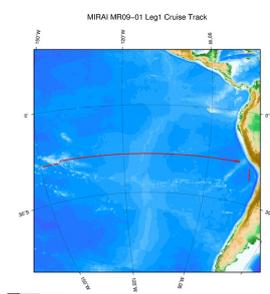
Magnetic_Deviation: Magnetic deviation calculated using IGRF.

Flag: 0 data were processed normally

5 data were divided into small files due to firmware bugs

6 profile included 3 beam solutions.

Related Information



MR09-01 Leg1

Ship Name: MIRAI

Period: 2009-04-10 - 2009-05-19

Chief Scientist: Akihiko Murata (JAMSTEC)

Project Name: [POST-WOCE Hydrography, South Pacific Ocean Research Activity 2009]

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Update History

| | |
|------------|------------------------------------|
| 2018-05-12 | An observation data was registerd. |
| 2012-09-28 | An observation data was registerd. |

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[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



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

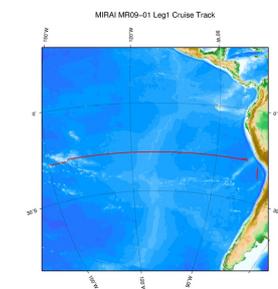
Imagery reproduced from ...

Data List

File names

MR09-01_leg1_ladcp.zip

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