

MIRAI MR03-K04 Leg1 Lowered Acoustic Doppler Current Profiler (LADCP)

Last Modified: 2018-05-12

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

Cruise ID: [MR03-K04 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/MR03-K04_leg1_all.pdf

For Using Data

Principal Investigator

Yasushi Yoshikawa (JAMSTEC)

Use Constraints

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

Data Citation

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

Overview

Velocity data with LADCP

Please see the Data book [Volume1](#), [Volume2](#), [Volume3](#) for details of data.

Data process

Vertical profiles of velocity are obtained by the inversion method (Visbeck, 2002).

Visbeck, M. (2002): Deep velocity profiling using Lowered Acoustic Doppler Current Profilers: Bottom track and inverse solutions. J. Atmos. Oceanic Technol., 19, 794-807.

Data file

MR03-K04_leg1_ladcp.zip

File format

Data file contains one line header (meta data) followed by 305 lines data for 118 profiles.

Header line

The file is in fixed length, comma separated text file format.

Column 1 : cruise code

Column 2 : WHP-ID

Column 3 : Station name

Column 4 : date (mm/dd/yyyy)

Column 5 : time (hh:mm) in UTC

Column 6 : latitude

Column 7 : longitude

Data lines (305 lines)

The file is in fixed length, space separated text file format.

Column 1 : depth

Column 2 : zonal velocity (m/s)

Column 3 : meridional velocity (m/s)

Column 4 : standard error (m/s)

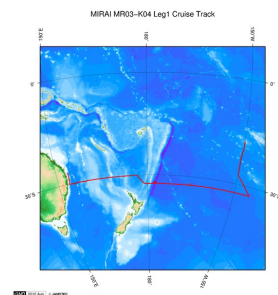
* The '99.999' in the velocity data means underground and no available.

Contact

Yasushi Yoshikawa (JAMSTEC)

yoshikaway@jamstec.go.jp

Related Information



[Enlarge Image](#)

MR03-K04 Leg1

Ship Name: MIRAI

Period: 2003-08-03 - 2003-09-05

Chief Scientist: Masao Fukasawa (JAMSTEC)

Project Name: [Blue Earth Global Expedition 2003, POST-WOCE Hydrography]

Update History

2018-05-12 An observation data was registerd.

2012-12-25

An observation data was registerd.

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Go to a Cruise Information

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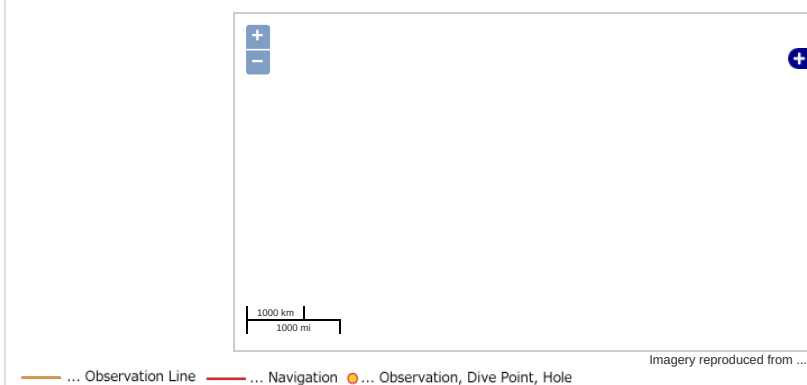
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Observation Map

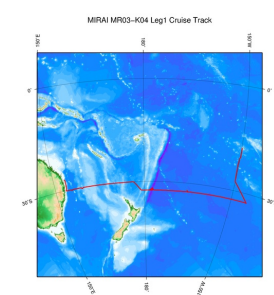


Data List

File names

☐ MR03-K04_leg1_ladcp.zip

Related Information



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