

KAIYO KY03-12 Shipboard Acoustic Doppler Current Profiler (ADCP)

Last Modified: 2012-12-25

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

Cruise ID: [KY03-12](#)

Shipboard Acoustic Doppler Current Profiler (ADCP): Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items: Depth, Absolute velocity (zonal, meridional and vertical)

Science Keywords:

OCEANS > OCEAN CIRCULATION > OCEAN CURRENTS

Cruise Report

http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/KY03-12_all.pdf

For Using Data

Principal Investigator

Use Constraints

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

Data Citation

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

Instrument

Instrument:

Shipboard acoustic doppler current profiler (ADCP)



About this data

Shipboard ADCP measurement was performed using instrument and measurement parameters as shown in the following table.

Instrument

Ocean Surveyor II(RD Instruments)	
Transducer	VM-38
Frequency	38400 Hz
Configuration	4 Beams
Beam Angle	30 degrees
Beam Pattern	Convex
Acquisition Software Package	VMDAS

Acquisition parameter

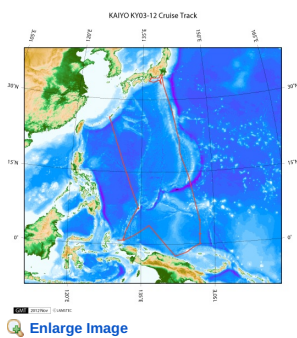
Mode	Watertrack (Narrow Band)
Depth Cell Size	16 Meters
Number of Profile Depth Cells	75 Depth cells
Blanking Distance	16 Meters
Ensemble Time	2.0 Seconds
First Bin Depth	36.99 Meters
Last Bin Depth	1220.99 Meters
Transducer Depth	5.0 Meters
Ensemble Averaging Interval	60 Seconds, 300 Seconds

Please see the cruise report for details of data.

Documentations of CODAS software are available on the web site at University of Hawaii.

http://currents.soest.hawaii.edu/docs/adcp_doc/

Related Information



KY03-12
Ship Name: KAIYO
Period: 2003-10-22 - 2003-12-05

Update History

Date	Description
2012-12-25	An observation data was registered.

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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)
POWER GRAB SAMPLER (CLOW)
BMS

Go to a Cruise Information

Cruise ID:

Go to a Dive Information

Dive ID:

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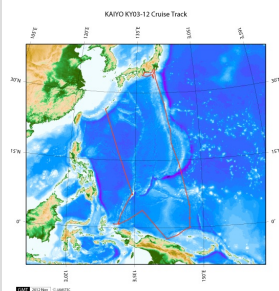
Shipboard Acoustic Doppler Current Profiler (ADCP) Processed (PI)

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ADCP CODASblk

None

Related Information



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Go to a Cruise Information

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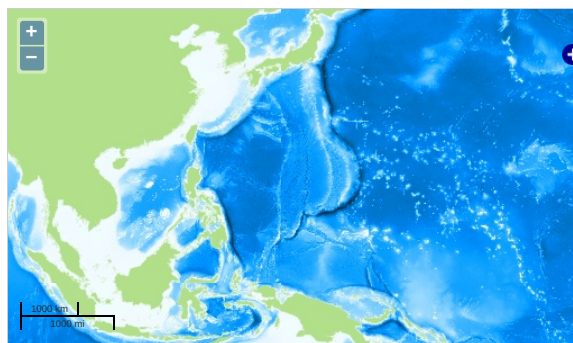
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Observation Map



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

Imagery reproduced from ...

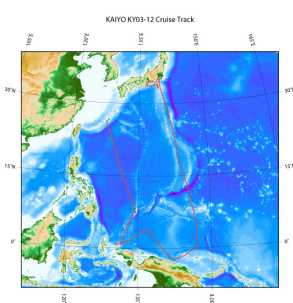
Data List

[Add to Basket](#)

File names

- ☐ K0312001.blk
- ☐ K0312002.blk
- ☐ K0312003.blk
- ☐ K0312004.blk
- ☐ K0312005.blk
- ☐ K0312006.blk
- ☐ K0312007.blk
- ☐ K0312008.blk
- ☐ K0312009.blk
- ☐ K0312010.blk
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- ☐ K0312013.blk
- ☐ K0312014.blk
- ☐ K0312015.blk
- ☐ K0312016.blk
- ☐ K0312017.blk
- ☐ K0312dir.blk

Related Information



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[Enlarge Image](#)

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