

KAIYO KY01-11 Leg2 Shipboard Acoustic Doppler Current Profiler (ADCP)

Last Modified: 2012-12-25

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

Cruise ID: [KY01-11 Leg2](#)

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/KY01-11_all.pdf

For Using Data

Principal Investigator

Yuji Kashino (JAMSTEC)

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

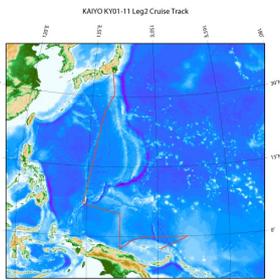
Mode	Watertrack (Narrow Band)
Depth Cell Size	16 Meters
Number of Profile Depth Cells	75 Depth cells
Blanking Distance	16 Meters
Ensemble Time	2.0 Seconds
First Bin Depth	36.95 Meters
Last Bin Depth	1220.95 Meters
Transducer Depth	5.0 Meters
Ensemble Averaging Interval	60 Seconds, 300 Seconds

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



[Enlarge Image](#)

KY01-11 Leg2

Ship Name: KAIYO
 Period: 2001-12-13 - 2002-01-07
 Chief Scientist: Yuji Kashino (JAMSTEC)

Update History

2012-12-25	An observation data was registerd.
------------	------------------------------------

JAMSTEC

- [Site Policy](#)
- [Privacy Policy](#)
- [Application for Data and Samples](#)
- [Data Policy](#)
- [What's New](#)
- [Update History](#)
- [Feeds](#)

Lists

- [Publication List](#)
- [Amount of Public Info.](#)
- Data**
- [Map Search](#)
- [Data Tree](#)
- [Detailed Search](#)

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:

KAIYO KY01-11 Leg2 Shipboard Acoustic Doppler Current Profiler (ADCP)

Last Modified: 2012-12-25

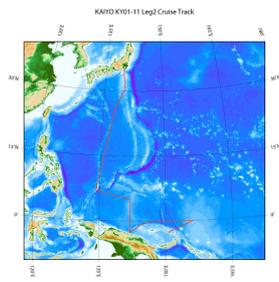
[ReadMe](#) [Observation Data](#) [Data Format](#)

Cruise ID: [KY01-11 Leg2](#)
Shipboard Acoustic Doppler Current Profiler (ADCP) Processed (PI)
Data Policy: [JAMSTEC](#)

ADCP CODASblk

None

Related Information



[Enlarge Image](#)

KY01-11 Leg2
Ship Name: KAIYO
Period: 2001-12-13 - 2002-01-07
Chief Scientist: Yuji Kashino (JAMSTEC)

Update History

2012-12-25 An observation data was registerd.

JAMSTEC

[Site Policy](#)
[Privacy Policy](#)
[Application for Data and Samples](#)
[Data Policy](#)

[What's New](#)
[Update History](#)
[Feeds](#)

[Lists](#)
[Publication List](#)
[Amount of Public Info.](#)

[Data](#)
[Map Search](#)
[Data Tree](#)
[Detailed Search](#)

[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:

KAIYO KY01-11 Leg2 Shipboard Acoustic Doppler Current Profiler (ADCP)

Last Modified: 2012-12-25

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

Cruise ID: [KY01-11 Leg2](#)

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

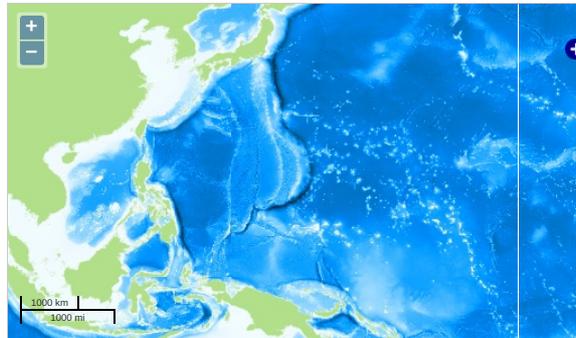
Data Policy: [JAMSTEC](#)

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

Science Keywords:

[OCEANS](#) > [OCEAN CIRCULATION](#) > [OCEAN CURRENTS](#)

Observation Map



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

Imagery reproduced from ...

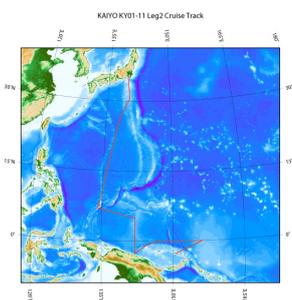
Data List

[Add to Basket](#)

File names

- k0111001.blk
- k0111002.blk
- k0111003.blk
- k0111004.blk
- k0111005.blk
- k0111006.blk
- k0111007.blk
- k0111008.blk
- k0111009.blk
- k0111010.blk
- k0111011.blk
- k0111012.blk
- k0111013.blk
- k0111014.blk
- k0111015.blk
- k0111016.blk
- k0111017.blk
- k0111018.blk
- k0111019.blk
- k0111020.blk
- k0111021.blk
- k0111022.blk
- k0111023.blk
- k0111dir.blk

Related Information



KY01-11 Leg2

Ship Name: KAIYO
Period: 2001-12-13 - 2002-01-07
Chief Scientist: Yuji Kashino (JAMSTEC)

[Enlarge Image](#)

Update History	
2012-12-25	An observation data was registered.

<p>JAMSTEC</p> <ul style="list-style-type: none"> Site Policy Privacy Policy Application for Data and Samples Data Policy What's New Update History Feeds 	<p>Lists</p> <ul style="list-style-type: none"> Publication List Amount of Public Info. <p>Data</p> <ul style="list-style-type: none"> Map Search Data Tree Detailed Search 	<p>Information of the Ships</p> <ul style="list-style-type: none"> NATSUSHIMA KAIYO YOKOSUKA MIRAI KAIREI CHIKYU KAIMEI SHINSEI MARU HAKUHO MARU 	<p>Information of the Submersibles</p> <ul style="list-style-type: none"> 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 	<p>Go to a Cruise Information</p> <p>Cruise ID: <input type="text"/> <input type="button" value="Go"/></p> <p>Go to a Dive Information</p> <p>Dive ID: <input type="text"/> <input type="button" value="Go"/></p>
--	--	--	--	---

Copyright 2011 Japan Agency for Marine-Earth Science and Technology



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