

MIRAI MR11-08 Leg3 Expendable Conductivity-Temperature-Depth Profiler (XCTD)

Last Modified: 2017-04-13

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

Cruise ID: [MR11-08 Leg3](#)

Expendable Conductivity-Temperature-Depth Profiler (XCTD): Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items: Depth, Temperature, Salinity

Science Keywords:

OCEANS > OCEAN TEMPERATURE > WATER TEMPERATURE

OCEANS > SALINITY/DENSITY > SALINITY

Cruise Report

http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR11-08_leg1-3_all.pdf

For Using Data

Principal Investigator

Hiroshi Uchida (JAMSTEC)

Use Constraints

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

Data Citation

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

Instrument

Instrument:

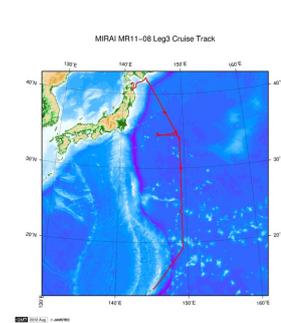
Expendable conductivity temperature depth measurements (XCTD) (MR11-04 -)



Overview

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

Related Information



MR11-08 Leg3

Ship Name: MIRAI

Period: 2012-01-12 - 2012-02-09

Chief Scientist: Yuichiro Kumamoto (JAMSTEC)

Project Name: [POST-WOCE Hydrography]

[Enlarge Image](#)

Update History

2017-04-13	An observation data was registerd.
2014-04-23	An observation data was registerd.
2013-02-09	An observation data was registerd.

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[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

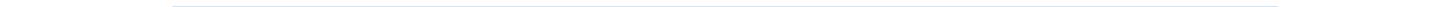
KAIKO
SHINKAI 2000
SHINKAI 6500
DEEP TOW
HYPER-DOLPHIN
URASHIMA
YOKOSUKA DEEP TOW
6K Camera DEEP TOW
6K Sonar DEEP TOW
KM-ROV
POWER GRAB SAMPLER (SHELL)
POWER GRAB SAMPLER (CLOW)
BMS

Go to a Cruise Information

Cruise ID:

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Dive ID:



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XCTD WOCE-type1

Format Description for the Processed (PI) Data

Provided in the Exchange Format of CCHDO (CLIVAR and Carbon Hydrographic Data Office). Please see the following link for details of Exchange Format.

[CCHDO | CLIVAR & Carbon Hydrographic Data Office](#)

Data in following cruise is not expressed with Exchange Format. Please see the site of each cruise for format.

MR02-K05 Leg1

MR04-05

Format Description for the QCed Data

Each data file contains one line header (meta data) followed by data lines for each cast.

The number of data lines are recorded in the header.

Header part

No.	Column	Content	Format	Remarks
1	1	Header ID	a1	fixed as '#'
2	3 - 6	Data ID	a4	XCTD
3	8 - 22	Cruise ID	a15	
4	33 - 40	Date	i8	YYYYMMDD (UTC)
5	42 - 45	Time	i4	hhmm (UTC)
6	47 - 55	Latitude	i2,a1,f5.2,a1	dd-mm.mmN(S)
7	57 - 66	Longitude	i3,a1,f5.2,a1	ddd-mm.mmE(W)
8	68 - 71	Number of data lines	i4	
9	72 - 73	Terminator	-	CR+LF

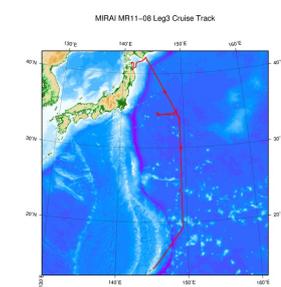
Data part

No.	Column	Content	Unit	Format	Remarks
1	1 - 11	Depth	dbar	f11.1	
2	12 - 22	Temperature	deg-C	f11.2	ITS-90
3	23 - 33	Salinity	PSU	f11.3	PSS-78
4	45 - 55	Flag	-	i11	1 : 7 : space 8 : flag of depth 9 : flag of temperature 10 : flag of salinity 11 : space * reference : 'Definition of Quality Control Flags'
5	56 - 57	Terminator	-	-	CR+LF

Each contents of the data part is stored in 11 bytes.

Missing value is presented by '-5', and error value is presented by '-9'.

Related Information



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KM-ROV
POWER GRAB SAMPLER
(SHELL)
POWER GRAB SAMPLER
(CLOW)
BMS

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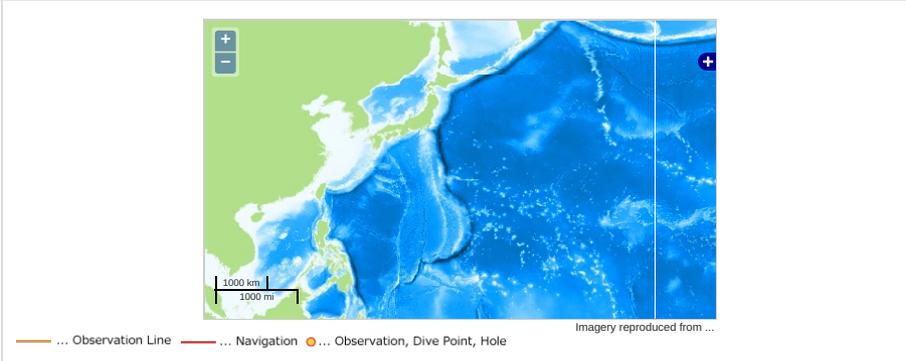
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Observation Map

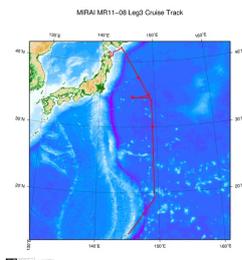


Data List

[Add to Basket](#)

- | File names |
|---|
| <input type="checkbox"/> P10N_00089_00001_xc1.csv |
| <input type="checkbox"/> P10N_00089_00002_xc1.csv |
| <input type="checkbox"/> P10N_00089_00003_xc1.csv |
| <input type="checkbox"/> P10N_00089_00004_xc1.csv |
| <input type="checkbox"/> P10N_00091_00001_xc1.csv |
| <input type="checkbox"/> P10N_00093_00001_xc1.csv |
| <input type="checkbox"/> P10N_00095_00001_xc1.csv |
| <input type="checkbox"/> P10N_00097_00001_xc1.csv |
| <input type="checkbox"/> P10N_00099_00001_xc1.csv |
| <input type="checkbox"/> P10N_00101_00001_xc1.csv |
| <input type="checkbox"/> P10N_00103_00001_xc1.csv |
| <input type="checkbox"/> P10N_00105_00001_xc1.csv |
| <input type="checkbox"/> P10N_00107_00001_xc1.csv |
| <input type="checkbox"/> P10N_00108_00001_xc1.csv |
| <input type="checkbox"/> P10N_00109_00001_xc1.csv |
| <input type="checkbox"/> P10N_00110_00002_xc1.csv |
| <input type="checkbox"/> P10N_00111_00001_xc1.csv |
| <input type="checkbox"/> P10N_00112_00001_xc1.csv |
| <input type="checkbox"/> P10N_00113_00001_xc1.csv |
| <input type="checkbox"/> P10_00064_00001_xc1.csv |
| <input type="checkbox"/> P10_00067_00003_xc1.csv |

Related Information



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 Period: 2012-01-12 - 2012-02-09
 Chief Scientist: Yuichiro Kumamoto (JAMSTEC)
 Project Name: [POST-WOCE Hydrography]

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