

For Using Data

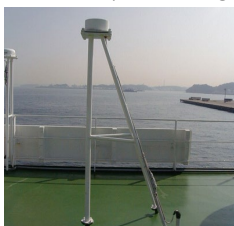
Data Policy	JAMSTEC
Principal Investigator	Data Management Office
Use Constraints	See Terms and Conditions about constrain of use.
Data Citation	See Terms and Conditions about data citation.

Quality

Raw

Instrument

Three component magnetometer



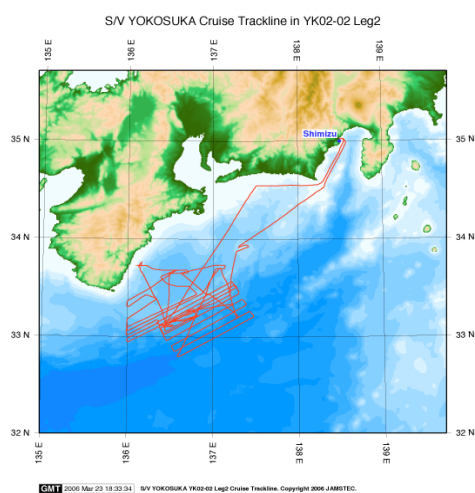
Measurement System

- 1) Magnetometer
 - Manufacturer : Tierra Technica Ltd.
 - Type : SFG1212
 - Measurement range : $\pm 100,000$ nT
 - Accuracy : less than 100 nT
 - Resolution : 1 nT
 - Location : No.1 Laboratory
- 2) Magnetic Sensor
 - Manufacturer : Tierra Technica Ltd.
 - Form : flux-gate sensors with ring-cored coils
 - Location : Compass deck
- 3) Attitude sensor
 - Manufacturer : OKI
 - Type : OCTANS
 - Measurement range : 15 degree
 - Accuracy : ± 0.2 degree
- 4) Gyro compass
 - Manufacturer : TOKIMEC INC.
 - Type : ES-110
 - Follow-Up Speed : 24 degree / sec
 - Accuracy : ± 1.0 degree * Secant (Lat.)
 - Location : No.1 Laboratory

About this data

We have no plan to process the data as there is no suitable "figure eight turn" data and it is not possible to remove the effects of the ship's magnetic field.
Please contact us from "dmo@jamstec.go.jp", if you wish to use the raw data.

Related Information



YK02-02 Leg2

Ship Name:	YOKOSUKA
Period:	2002/05/30 - 2002/06/08
Chief Scientist:	Shinichi Kuramoto (AIST)
Proposal:	