



HOKKAIDO UNIVERSITY

Title	PART I -2. THE " OSHORO MARU " CRUISE 038 to SEA OF JAPAN and TRURUGA-WAN IN APRIL2017
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**THE "OSHORO MARU" CRUISE 038
TO SEA OF JAPAN and TSURUGA-WAN**

IN APRIL 2017

1. Cruise Itinerary

Cruise 038

Departure from Yura and arrival at Kobe	Apr.	14, 2017
Departure from Kobe		16
Arrival at Fukui		20
Departure from Fukui and start hydrographic research (Leg2)		21
Finish hydrographic research		22
Return to Fukui and departure from Fukui (Leg3)		23
Return to Fukui and departure from Fukui		24
Return to Hakodate		26

Total coverage 1161.7 miles

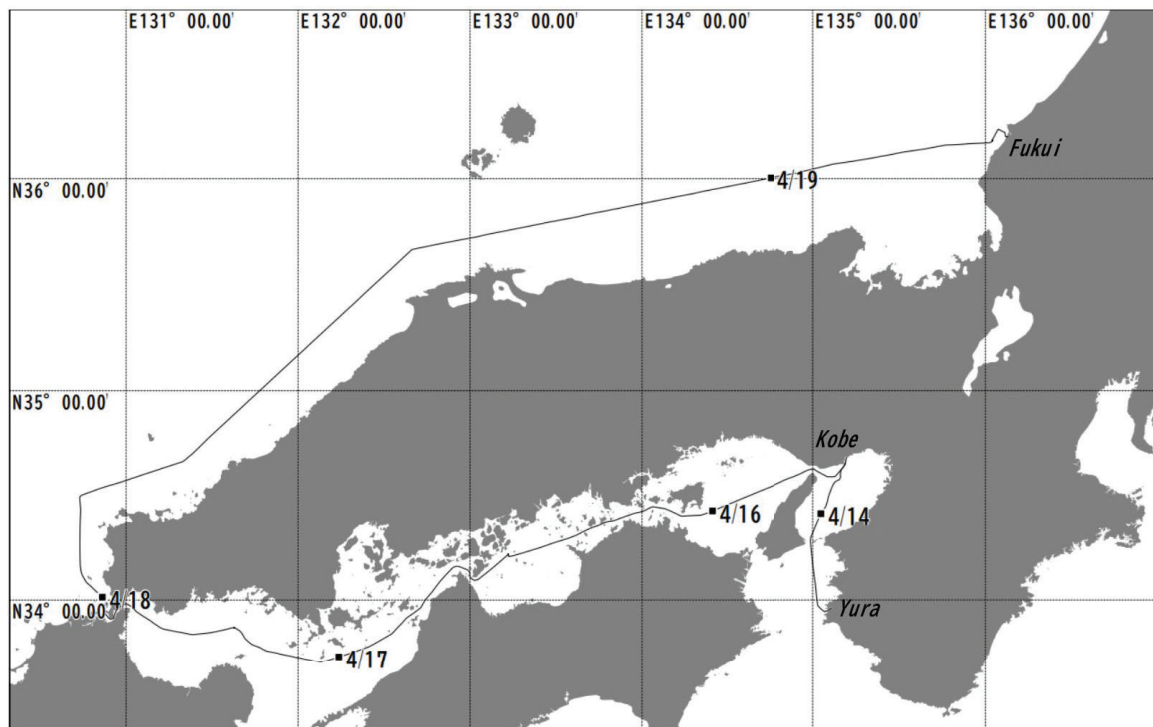


Fig. 1-1: Noon Position

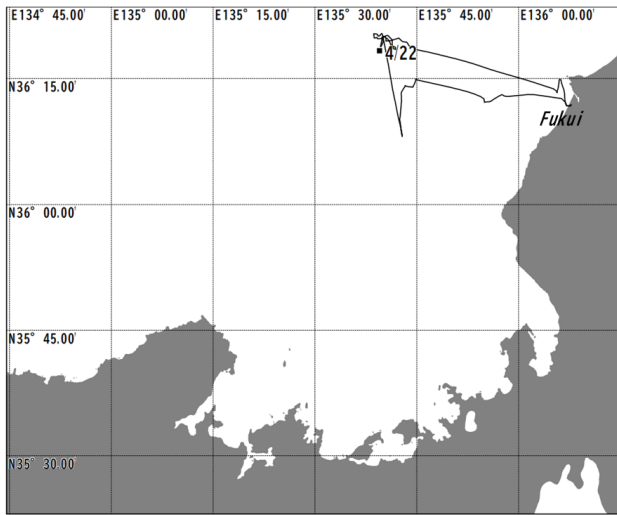


Fig. 1-2: Noon Position

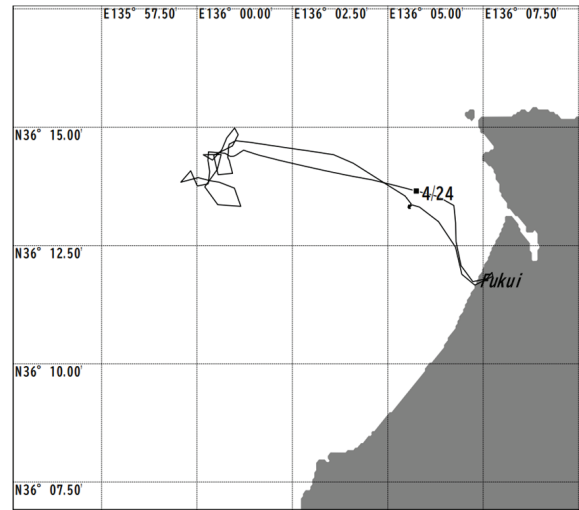


Fig. 1-3: Noon Position

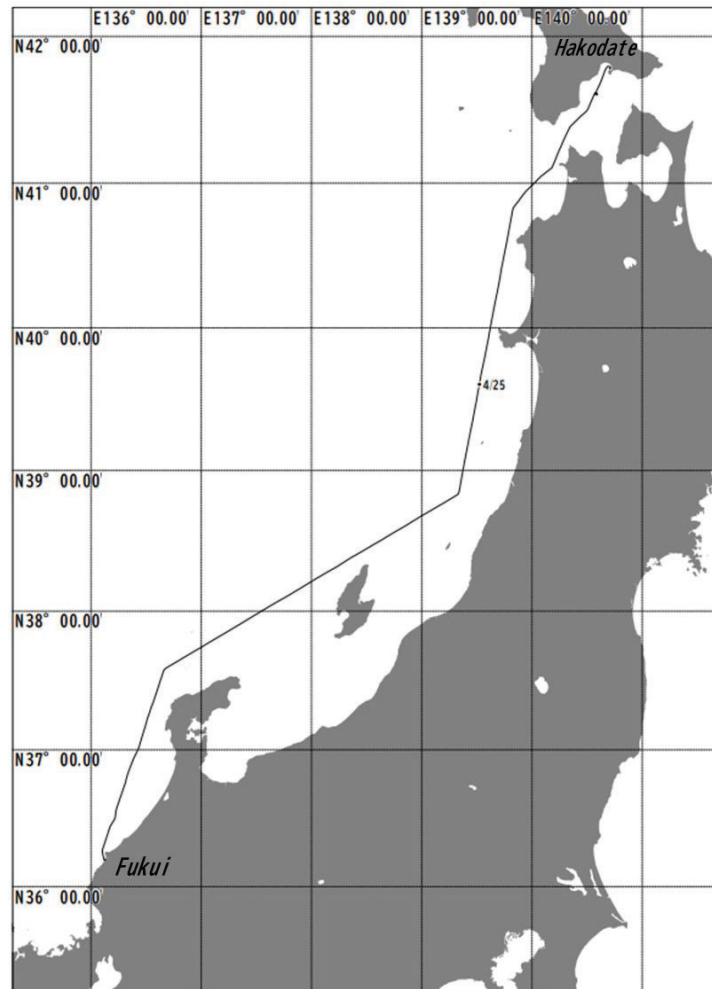


Fig. 1-4: Noon Position

2. Vessel Personnel

Crew: Captain: Associate Professor Shogo Takagi

And 32 persons

(Leg2)

Undergraduate instructor:

Professor (Faculty of Marine Bioscience, Fukui Prefectural University)

Ryuji Kondo

Professor (Faculty of Marine Bioscience, Fukui Prefectural University)

Tooru Ooizumi

Associate Professor (Faculty of Marine Bioscience, Fukui Prefectural University)

Atsushi Kaneda

Associate Professor (Faculty of Marine Bioscience, Fukui Prefectural University)

Yoshitake Takao

Associate Professor (Faculty of Marine Bioscience, Fukui Prefectural University)

Hiroaki Shuetake

Instructor (Faculty of Marine Bioscience, Fukui Prefectural University)

Takafumi Kataoka

Teaching Assistant: 4 persons

Undergraduate Student: 50 persons

(Leg3)

Undergraduate instructor:

Emeritus Professor (Faculty of Marine Bioscience, Fukui Prefectural University)

Tadahisa Seikai

Professor (Faculty of Marine Bioscience, Fukui Prefectural University)

Osamu Tominaga

Associate Professor (Faculty of Marine Bioscience, Fukui Prefectural University)

Yoko Shimizu

Lecturer (Faculty of Marine Bioscience, Fukui Prefectural University)

Sayaka Matsumoto

Teaching staff (Faculty of Marine Bioscience, Fukui Prefectural University)

Kazuhiko Sugimura

Researcher (Faculty of Marine Bioscience, Fukui Prefectural University)

Yasushi Miyamoto

Teaching Assistant: 6 persons

Undergraduate Student: 28 persons