



HOKKAIDO UNIVERSITY

Title	3 THE "OSHORO MARU" CRUISE 014 TO FUKUSHIMA OFFINGIN IN JULY and AUGUST 2015
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**THE "OSHORO MARU" CRUISE 014
TO FUKUSHIMA OFFING
IN JULY AND AUGUST 2015**

1.Cruise Itinerary

Cruise 014

Departure from Tokyo (Leg1)
Start hydrographic research (OS15037)
Arrival at Shiogama
Departure from Shiogama (Leg2)
Finish hydrographic research(OS15050)
Return to Hakodate

July.	26, 2015
	27
	31
August.	01
	05
	07

Total coverage 931.7miles

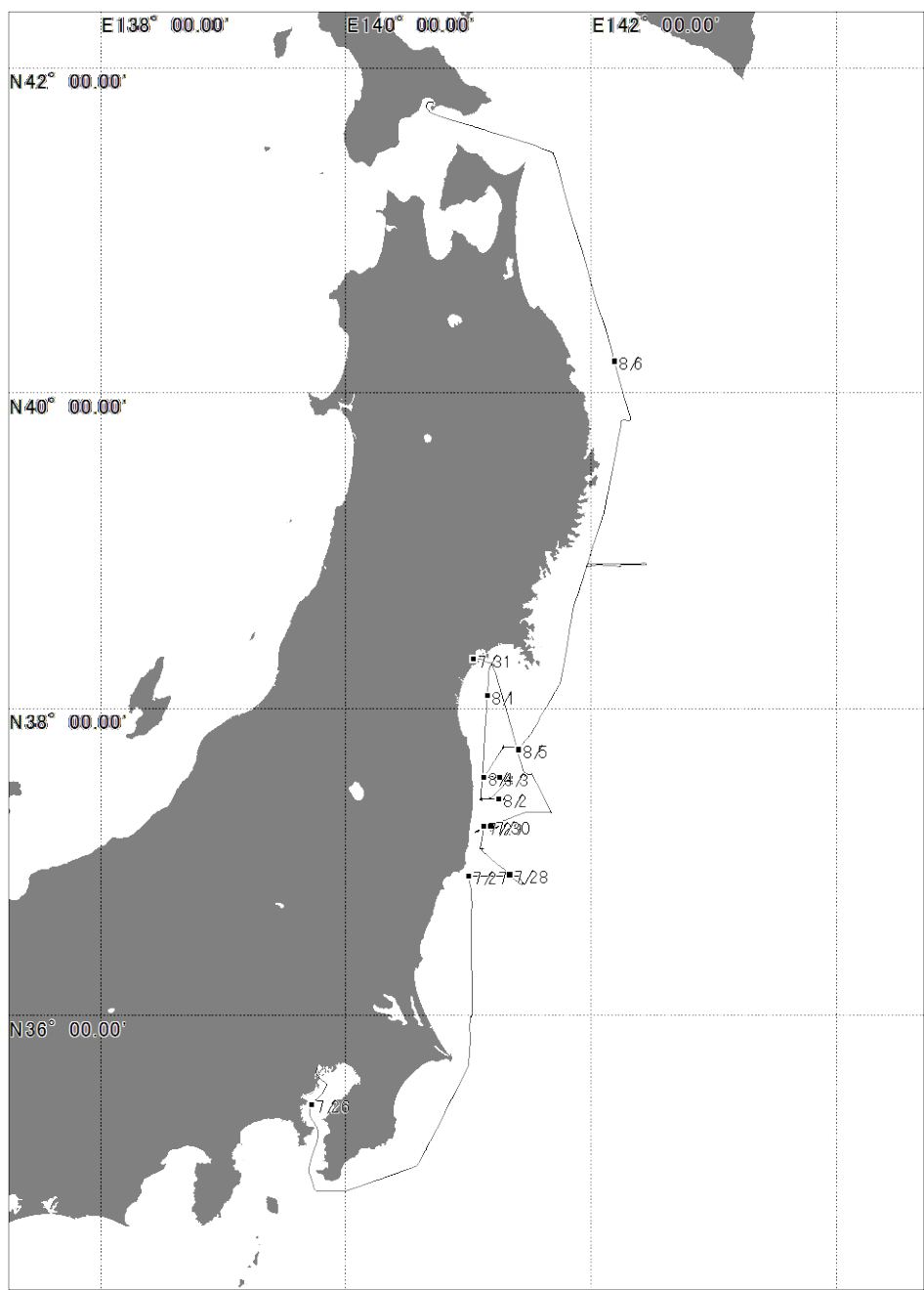


Fig.-1: Noon Position

2. Vessel Personnel

Crew:	Captain:	Associate Professor	Shogo Takagi		
			And 31 persons (Leg1)		
			30 persons (Leg2)		
Research Staff:	Associate Professor	(Laboratory of Marine Environment and Resource Sensing, Hokkaido University)	Toru Hirawake		
	Associate Professor	(Laboratory of Marine Biodiversity, Hokkaido University)	Atsushi Yamaguchi		
	Associate Professor	(Faculty of Environmental Earth Science, Hokkaido University)	Yutaka Watanabe		
	Professor	(Tokyo University of Marine Science and Technology)	Takashi Ishimaru		
	Researcher	(Tokyo University of Marine Science and Technology)	Kaori Uchiyama		
	Postdoctoral Fellow	(Tokyo University of Marine Science and Technology)	Atsushi Kubo		
	Assistant Professor	(Tokyo University of Marine Science and Technology)	Leg1	Naho Miyazaki	
	Technical staff	(Tokyo University of Marine Science and Technology)	Leg2	Yukari Ito	
	Associate Professor	(Fukushima University)	Leg1	Toshihiro Wada	
	Visiting Professor	(Tokai University)	Leg1	Yoshihisa Kato	
	Associate Professor	(Nagoya University)	Leg1	Yoshihisa Mino	
	Researcher	(Nagoya University)	Leg1	Chiho Sukigara	
	Associate Professor	(Stockholm University)		Clare Bradshaw	
	Researcher	(Stockholm University)		Filip Svensson	
	Graduate Student:	Leg1	6 persons	Leg2	3 persons
	Under Graduate Student:		3 persons		