



HOKKAIDO UNIVERSITY

Title	6 THE "OSHORO MARU" CRUISE 020 TO SEA OF OKHOTSK IN NOVEMBER 2015
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**THE "OSHORO MARU" CRUISE 020
TO SEA OF OKHOTSK
IN November 2015**

1.Cruise Itinerary

Cruise 020

Departure from Hakodate (Leg1)	Nov. 12, 2015
Arrival at Abashiri	14
Departure from Abashiri (Leg2) and start hydrographic research	15
Arrival at Abashiri	18
Departure from Abashiri (Leg3)	20
Finish hydrographic research	22
Arrival and departure from Abashiri (Leg4)	23
Return to Hakodate	25
Total coverage 1445.9 miles	

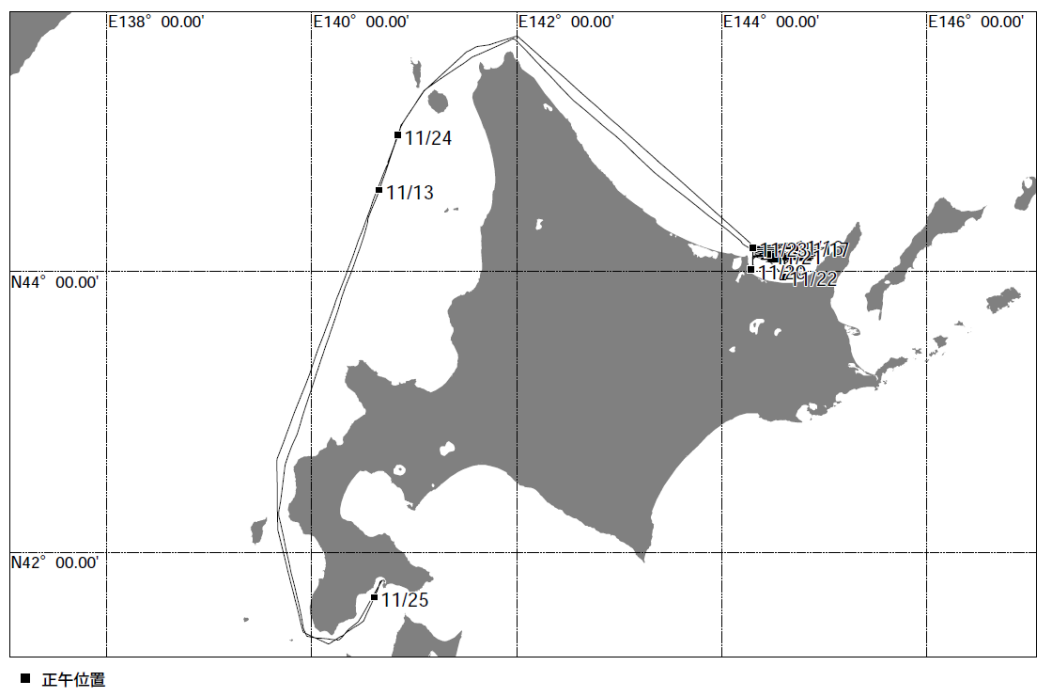


Fig. 1-1: Noon Position

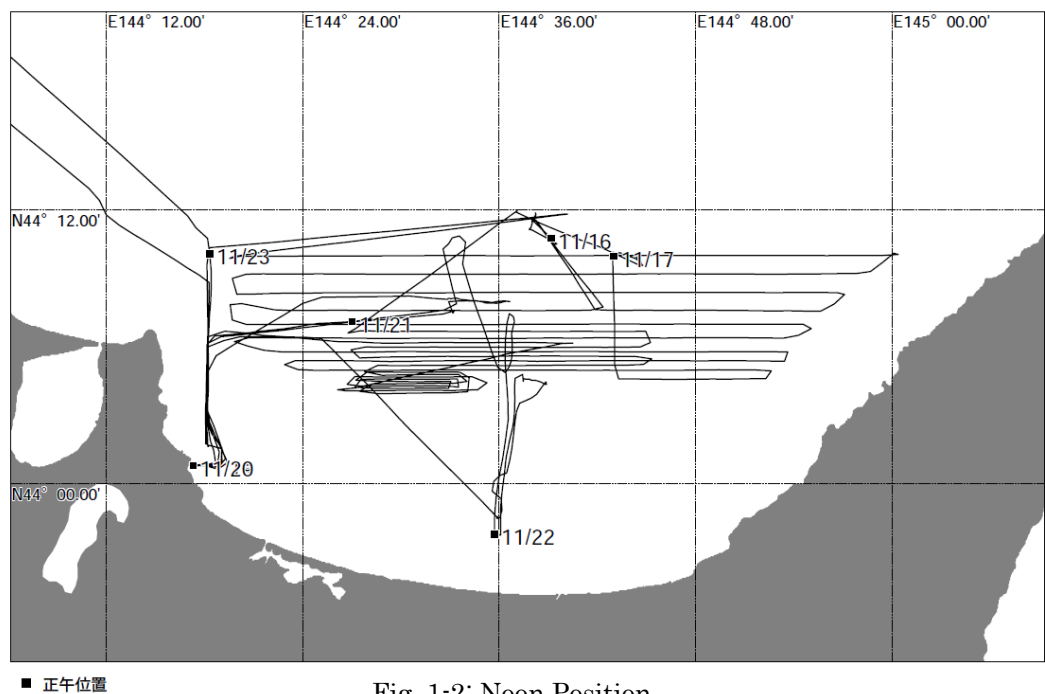


Fig. 1-2: Noon Position

2. Vessel Personnel

Crew:	Captain:	Associate Professor	Shogo Takagi	
			And 31 persons	
Research Staff:	Professor	(Civil and Environmental Engineering, Kitami Institute of Technology)	Leg1,2	Satoshi Yamashita
	Professor	(Environmental and Energy Engineering, Kitami Institute of Technology)	Leg1,2	Akihiro Hachikubo
	Assistant Professor	(Materials Science and Engineering, Kitami Institute of Technology)	Leg1,2	Hirotohi Sakagami
	Assistant Professor	(Civil and Environmental Engineering, Kitami Institute of Technology)	Leg1,2	Shintaro Yamasaki
	Technical Staff	(New Energy Resources Research Center, Kitami Institute of Technology)	Leg1,2	Kinji Hyakutake
	Assistant Professor	(Department of Civil Engineering, Kobe University)	Let1,2	Satsuki Kataoka
	Associate Professor	(School of Regional Innovation and Social Design Engineering, Kitami Institute of Technology)	Leg 2	Masaaki Konishi
	Assistant Professor	(Graduate School of Advanced Science of Matter, Hiroshima University)	Leg 2	Takahisa Tajima
	Professor	(Aqua Bioscience and Industry, Tokyo University of Agriculture)	Leg3	Akihiro Shiimoto
	Specially Appointed Assistant Professor	(School of Fisheries Sciences, Hokkaido University)	Leg3	Mitsuhiro Nakaya
Teaching Assistant:	Leg2	6 persons	Leg3	1 person
Under Graduate Student:	Leg1	5 persons	Leg2	33 persons
			Leg3	26 persons