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Norsk Oseanografisk Datasenter (NOD)

Oceanographic Cruise Programmes

(Planned)

NORWAY

1983

June 1983



FISKERIDIREKTORATETS HAVFORSKNINGSINSTITUTT
BERGEN

NORSK OSEANOGRFISK DATASENTER

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INTRODUCTION

This report of the Norwegian Research Vessel Cruise Programme is produced annually for the information of the International Council for the Exploration of the Sea and the Intergovernmental Oceanographic Commission, at their request.

It may also be of interest and use to scientists wishing to know the nature of the research being carried out and the area in which the ships will be operating.

Attempts to include all research vessels have been made. The cruise Programmes are comprehensive for the Institute of Marine Research, Bergen, less so for other Institutions.

With the assistance of Governmental Institutions and Universities, this report is compiled by.

Norsk Oseanografisk Datasenter

P.O. Box 1870/72

5011 Bergen - Nordnes

NORWAY

SCIENTIFIC CLASSIFICATIONS:

- Ab Biological aphotic zone studies (biological studies in waters deeper than several hundred meters).
- Cm Current measurements (by direct method, such as GEK, current meters, drogues, Swallow floats etc.).
- Do Descriptive oceanography (measurements of temperature, salinity and other dissolved substances required for computation of geostrophic currents and description of water properties).
- Fr Fisheries reasearch (exploratory fishing, bionomics, sampling, selectivity, tagging, gear experiments etc.).
- MS Marsden square.
- Mt Meteorology (upper air obervations - surface weather observations included under "Do").
- Ps Planktonic studies (phyto- and zooplankton research including fish eggs and larvae, standing crop and primary production, associated measurements or observations mainly in the biological euphotic zone).
- Gg Geology and geophysics (coring, dredging, seismic studies, heat flow, gravimetric, magnetic measurements, etc.).

ABBREVIATIONS:

DNP	Declared National Programme
FD	Directorate of Fisheries, Bergen
FHI	Institute of Marine Research, Bergen
FFI	Norwegian Defence Research Establishment
NDH	Nordland Regional College
NF	Nordland Research Institute
NIVA	Norwegian Institute for Water Research
NOP	National Oceanographic Programme
UITr	University of Tromsø
VHL	River and Harbour Laboratory

R/V "G.O. SARS"

Tonnage: 1445 BRT

Length of ship: 230 feet

Owner and operating agency: Institute of Marine Research, FD

CRIUSE DATE	CRUISE AREA	PROGRAMME	COMMENTS	
5/1 - 25/1	Barents Sea 248,249,284, 285,286,287	Fr,Do	Capelin Cod Herring	DNP/NOP
26/1 - 5/3	Barents Sea 248,249,284, 285,286,287	Fr,Do	Cod	DNP/NOP
5/3 - 16/3	Norwegian Sea Norwegian Coast 251,287	Fr,Do	Codfish	DNP/NOP
16/3 - 25/3	Norwegian Coast 285,284	Do		DNP/NOP
6/4 - 25/4	Norwegian Coast 251,286	Fr,Do	Silver Smelt	DNP/NOP
25/4 - 15/5	Norwegian Coast 251,252	Fr,Do	Herring	DNP/NOP
18/5 - 5/6	Norwegian Coast Barents Sea 248,249,284, 285,286,287	Fr,Do	Cod Haddock Norway haddock	DNP/NOP
6/6 - 19/6	Barents Sea 248,249,284, 285,286,287	Fr,Do,Ps	Capelin	DNP/NOP
15/7 - 31/7	Shetland 217,252	Fr,Do	Herring	DNP/NOP
1/8 - 20/8	Norwegian Sea Jan Mayen	Fr,Do	Blue Whiting Herring	DNP/NOP
21/8 - 6/9	Barents Sea 248,249,284, 285,286,287	Fr,Do	0-group fish	DNP/NOP
6/9 - 2/10	Barents Sea 284,285,286	Fr,Do	Capelin	DNP/NOP
3/10 - 29/10	Norwegian Sea 217,218,252, 253,254	Fr,Do	Capelin	DNP/NOP
2/11 - 2/12	North Sea 181,217,252 216	Fr,Do	0-group Herring and other fish	DNP/NOP

RV "MICHAEL SARS"

Tonnage: 429 BRT

Length of ship: 150 feet

Owner and operating agency: Institute of Marine Research, FD

CRUISE DATE	CRUISE AREA	PROGRAMME	COMMENTS
4/1 - 30/1	Barents Sea 284,285,286	Fr,Do	Capelin DNP/NOP
31/1 - 5/3	Norwegian Coast 251	Fr,Do	Codfish DNP/NOP
7/3 - 30/3	Atlantic Sea 180,181	Fr,Do	Blue Whiting DNP/NOP
5/4 - 23/4	Norwegian Coast 216,251,252	Fr,Do	Cod,Herring DNP/NOP
24/4 - 21/5	Barents Sea 284,285,286	Fr,Do	Shrimps DNP/NOP
24/5 - 10/7	North Sea Skagerrak 215,216,252, 181	Fr,Do,Ps	Mackrel egg DNP/NOP
11/7 - 31/7	Bjørnøya- Svalbard 286,287	Fr,Do	Shrimp DNP/NOP
1/8 - 20/8	Norwegian Sea	Fr,Do	Blue Whiting DNP/NOP
21/8 - 6/9	Barents Sea 284,285,286	Fr,Do	0-group fish DNP/NOP
7/9 - 10/10	Bjørnøya- Svalbard 286,287	Fr,Do	Young Fish DNP/NOP
17/10 - 6/11	Norwegian Coast 251,252,216	Fr,Do	0-group fish DNP/NOP Sprat,Herring

M/S "ELDJARN"

Tonnage: 1043 BRT

Length of ship: 60,3 m

Operating agency: Institute of Marine Research, FD

CRUISE DATE	CRUISE AREA	PROGRAMME	COMMENTS	
5/1 - 20/1	North Sea 181,216	Fr,Do	Herring Sprat	DNP/NOP
25/1 - 20/2	North Sea 181,216,217 254	Fr,Do	Young fish	DNP/NOP
23/2 - 14/3	Norwegian Coast 252	Fr,Do	Herring	DNP/NOP
14/3 - 30/3	Norwegian Coast 252	Fr,Do	Arctic Cod	DNP/NOP
5/4 - 30/4	Atlantic Ocean 181,182,216 217,252	Fr,Do	Blue Whiting	DNP/NOP
2/5 - 20/5	Norwegian Coast 251,286	Fr,Do	Cod-larvae	DNP/NOP
20/5 - 1/6	Barents Sea 286,287	Fr,Do	Cod	DNP/NOP
1/6 - 20/6	Barents Sea 284,285,286	Fr,Do	Capelin- larvae	DNP/NOP
12/7 - 30/7	Skagerrak 215,216	Fr,Do	Herring Blue Whiting	DNP/NOP
1/8 - 20/8	Norwegian Sea	Fr,Do	Blue Whiting	DNP/NOP
21/8 - 6/9	Barents Sea 284,285,286	Fr,Do	0-group fish	DNP/NOP
6/9 - 30/9	Barents Sea 284,285,286	Fr,Do	Capelin	DNP/NOP
1/10 - 25/10	Barents Sea 284,285,286	Fr,Do	Cod-larvae	DNP/NOP

R/V "JOHAN RUUD"

Tonnage: 300 BRT

Length of ship: 100 feet

Owner: University of Tromsø

CRUISE DATE	CRUISE AREA	PROGRAMME	COMMENTS	RESPONSIBLE AGENCY
9/1 - 18/1	Norwegian Fiords 251	Fr,Do,Ps	Benthos Halibut Environmental studies	UITr NOP
19/1 - 21/1	Norwegian Fiords 251,286	Do,Ps	Cod Plankton	UITr NOP
24/1 - 31/1	Norwegian Fiords 251	Do	Acoustic	UITr NOP
5/2 - 10/2	Norwegian Coast 286	Do,Ps,Fr	Halibut Environmental studies	UITr NOP
18/2 - 20/2	Norwegian Coast 251	Fr	Roughhead Grenadier	UITr NOP
27/2 - 1/3	Norwegian Fiords 251	Do,Ps	Cod Plankton	UITr NOP
3/3 - 5/3	Norwegian Fiords 251,250,286, 287	Fr		UITr NOP
13/3 - 2/4	Norwegian Fiords 251	Fr,Do,Ps	Cod-eggs	FHI NOP
5/4 - 8/4	Norwegian Fiords 251	Fr	Metabolism	UITr NOP
10/4 - 14/4	Norwegian Coast 251	Do,Fr,Ps	Environ- mental studies	UITr NOP
17/4 - 5/5	Norwegian Coast 285,286	Fr,Do,Ps	Capelin	FHI NOP
6/5 - 15/5	Norwegian Fiords 251	Fr,Do,Ps	Cod-eggs Larvae	FHI NOP
18/5 - 26/5	Norwegian Coast Barents Sea 284,285,286	Fr,Do,Ps	Shrimp Environ- mental studies	UITr NOP

R/V "JOHAN RUUD" (forts.)

CRUISE DATE	CRUISE AREA	PROGRAMME	COMMENTS	RESPONSIBLE AGENCY	
27/5 - 29/5	Norwegian Fiords 251	Fr,Do,Ps	Cod	UITr	NOP
20/6 - 17/7	Norwegian Fiords 251,285,286, 287	Fr,Do,Ps	Larvae	FHI	NOP
19/7 - 27/7	Norwegian Coast 287	Gg		UITr	NOP
29/7 - 31/7	Norwegian Coast 251	Fr,Do,Ps	Cod Environmental studies	UITr	NOP
1/8 - 4/8	Norwegian Coast 251	Fr	Roughhead Grenadier	UITr	NOP
8/8 - 24/8	Svalbard 286,287	Fr,Do,Ps	Benthos Polar Cod Halibut	UITr	NOP
29/8 - 2/9	Norwegian Sea 252,217	Ab		UITr	NOP
4/9 - 24/9	Norwegian Fiords 251,285,286	Do,Ps	Acoustic Plankton	FHI	NOP
28/9 - 30/9	Norwegian Fiords 251	Do,Ps	Environ- mental studies	UITr	NOP
7/10 - 9/10	Norwegian Sea 251	Fr	Roughhead Grenadier	UITr	NOP
11/10 - 13/10	Norwegian Fiords 251	Do	Plankton Cod	UITr	NOP
15/10 - 21/10	Norwegian Fiords 251	DO,Ps	Environ- mental studies	UITr	NOP
24/10 - 26/10	Norwegian Sea 250,251,286, 287	Do	Squid	UITr	NOP
31/10 - 3/11	Norwegian Fiords 251		Acoustic	UITr	NOP
6/11 - 10/12	Norwegian Fiords 251,252,285 286,287	Fr,Do,Ps	Acoustic 0-group Herring Sprat	FHI	NOP

R/V "HÅKON MOSBY"

Tonnage: 499 BRT

Length of ship: 140 feet

Owner and operating agency: University of Bergen

CRUISE DATE	CRUISE AREA	PROGRAMME	COMMENTS
28/1 - 3/2	Norwegian Coast Hardangerfiord	Do,Ps	NOP
7/2 - 18/2	North Sea 216,252	Gg	NOP
24/2 -27/2	Norwegian Coast 216,252	Do,Ps	NOP
28/2 - 5/3	Norwegian Coast 216	Cm,Do	Front studies NOP
6/3 - 15/3	Norwegian Coast 216,252	Fr,Ps	NOP
16/3 - 24/3	Jan Mayen 253,217	Do	NOP
25/3 - 27/3	Norwegian Coast 216,252	Do,Ps	NOP
3/5 - 6/5	Norwegian Coast 216,252	Do,Ps	NOP
7/5 - 12/5	Norwegian Coast 216	Cm,Ps,Do	Front studies NOP
14/5 - 30/5	Norwegian Sea	Gg	NOP
31/5 - 15/6	Norwegian Sea 216,252	Do,Ps,Gg	Benthos NOP
2/8 - 14/8	Norwegian Coast 216,252	Fr	Young fish NOP
15/8 - 18/8	Norwegian Coast 216,252	Fr,Do, Ps	Plankton NOP
19/8 - 30/8	Norwegian Sea	Gg	NOP
31/8 - 10/9	Jan Mayen 253,217	Do	NOP

R/V "HÅKON MOSBY" (forts.)

CRUISE DATE	CRUISE AREA	PROGRAMME	COMMENTS
13/9 - 16/9	Norwegian Coast 216,252	Do,Ps	Plankton NOP
19/9 - 30/9	Svalbard 286,287	Cm	NOP
1/10 - 31/10	North Sea Svalbard	Cm	NOP
2/11 - 5/11	Norwegian Coast 216,252	Do,Ps	Plankton NOP
7/11 - 18/11	Norwegian Coast North Sea 216,251,252, 217	Do,Ps	Benthos NOP
21/11 - 27/11	Norwegian Coast 216,252	Ps	Test- Batfish NOP

R/V "Dr.FRIDTJOF NANSEN"

Tonnage: 600 BRT

Length of ship: 152 feet

Operating agency: Institute of Marine Research, FD

CRUISE DATE	CRUISE AREA	PROGRAMME	COMMENTS
March	Gulf of Oman 102,103	Fr,Do,Ps	DNP
April	Kenya,Tanzania, Mozambique, Madagascar 330,331,366, 367,403,404	Fr,Do,Ps	DNP
Aug./Sept.	Maldivene, Pakistan, Iran (outside the Persian Gulf) 29,65,66, 102,103	Fr,Do,Ps	DNP
Nov./Des.	Gulf of Oman 103,103	Fr,Do,Ps	DNP

"H.H. GRAN"

Length of ship: 25 feet

Owner: Norwegian Institut for Water Research, Oslo

CRUISE DATE	CRUISE AREA	PROGRAMME	COMMENTS	
1983	Norwegian Fiords	Ps,Gg	Environmental studies	NOP

R/V "HARRY BORTHEN"

Tonnage: 48 BRT

Length of ship: 64 feet

Owner and operating agency: Trondheim Biological Station

CRUISE DATE	CRUISE AREA	PROGRAMME	COMMENTS
1983	Norwegian Coast	Fr,Do,Ps	Various cruises

"GECO LONGVA"

Responsible agency: Norwegian Petroleum Directorate

CRUISE DATE	CRUISE AREA	PROGRAMME	COMMENTS
24/3 - 22/4	Norwegian Coast 286,287	Gg	NOP
1/7 - 15/9	Norwegian Sea 251,252	Gg	NOP

M/S "LANCE"

Tonnage: 1160 BRT

Length of ship: 202 feet

Responsible agency: Norwegian Petroleum Directorate

CRUISE DATE	CRUISE AREA	PROGRAMME	COMMENTS
7/8 - 2/9	Barents Sea	Gg	NOP

Responsible agency: The Norwegian Polar Research Institute

19/7 - 4/8	Svalbard Greenland	Cm,Do,Mt	NOP
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F/F "RAUD"

Tonnage: 56 BRT

Length of ship: 57 feet

Owner and operating agency: Nordland Distriktshøyskole, Bodø
(Nordland Regional College)

CRUISE DATE	CRUISE AREA	PROGRAMME	COMMENTS	
7/2 - 11/2	Norwegian Fiorda 251	Do,Ps	Environmental studies	NDH NOP
14/2 - 16/2	Norwegian Fiords	Ps	Algae Sea urchin	NF NOP
21/2 - 11/3	Norwegian Fiords 251	Fr	Shrimp	FHI NOP NDH
7/4 - 15/4	Norwegian Fiords 251	Cm		NDH NOP
16/4 - 19/4	Norwegian Fiords 251	Fr,Ps	Herring	NOP
25/4 - 26/4	Norwegian Coast	Cm		VHL NOP
2/5 - 3/5	Norwegian Fiords	Fr	Grenadier	NDH NOP
4/5 - 6/5	Norwegian Fiords	Ps	Sea urchin Algae	NF NOP
11/5 - 20/5	Norwegian Fiords 251	Do,Ps	Environmental studies	NDH NOP
26/6 - 28/6	Norwegian Fiords 251	Do,Ps	Recipient studies	NIVA NOP
29/6 - 6/7	Norwegian Coast	Ps	Plankton	NDH NOP
7/7 - 24/7	Norwegian Fiords 216,252	Ps	Algae	NF NOP
3/10 - 7/10	Norwegian Fiords 251	Do,Ps	Environmental studies	NDH NOP
17/10 - 4/11	Norwegian Fiords 251	Fr	Shrimp	FHI NOP

OCEAN WEATHER STATIONS

The letters shown under the column "CRUISE AREA" indicate the ocean stations at the following positions:

Am - 71°30'N, 19°00'E
M - "Mike" 66°00'N, 2°00'E

M/V "POLARFRONT"

Tonnage: 935 BRT

Length of ship: 180 feet

CRUISE DATE	CRUISE AREA	PROGRAMME	COMMENTS
Continuos	M	Do	Data at UIB DNP
	-	Mt	Data at Mateorological Institute, Oslo

M/V "AMI"

Tonnage: 300 BRT

Length of ship: 140 feet

Operating agency: Norwegian Petroleum Directorate

Continuos	Tromsøflaket	Do	Data at FHI DNP
		Cm	Data at VHL
		Mt	Data at Meteorological

R/V "G.M. DANNEVIG"

Tonnage: 55 BRT

Length of ship: 65 feet

Owner and operating agency: Biological Station, Flødevigen, FHI

CRUISE DATE	CRUISE AREA MS	PROGRAMME	COMMENTS
Monthly	Skagerrak	Do,Ps	Hydrography DNP/NOP