

7. SCIENTIFIC PERSONNEL
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|--|---|
| Name and address of scientist in charge: | Olav Rune Godø
Institute of Marine Research
P.O. Box 1870 Nordnes
N-5817 BERGEN NORWAY |
| Tel/telex/fax no.: | (+47)55238500/42297/(+47)55238687 |
| No. of scientists: | 6 |
8. GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE (with reference to latitude and longitude)
- 56°N-61°N
16°W-0°W
9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE
- 1) Acoustic assessment of the blue whiting spawning stock. The cruise is part of the international blue whiting survey coordinated through the ICES Planning Group on Northeast Atlantic Pelagic Ecosystem Surveys with participants from Ireland, the Netherlands, the Faroes, and Russia.
2) Measurements of acoustic target strength of blue whiting.
3) Observations on hydrography.
10. DATES AND NAMES OF INTENDED PORTS OF CALL
- No port calls are planned
11. ANY SPECIAL REQUIREMENTS AT PORTS OF CALL
- No

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART B: DETAIL

1. NAME OF RESEARCH SHIP: F/V "EROS" CRUISE NO. 2007845

2. DATES OF CRUISE From 16 March 2007 To 5 April 2007

3. a) PURPOSE OF RESEARCH

The main purpose of the cruise is the assessment of the spawning stock size, distribution and migrations of blue whiting using acoustic methods combined with sampling with pelagic trawls. The cruise is part of an international coordinated blue whiting survey with vessels from the Netherlands, Ireland, the Faroes, Norway, and Russia participating. Information on other species such as argentinies, mackerel and horse mackerel is collected upon encounter. The survey is coordinated by ICES Planning Group on Northeast Atlantic Pelagic Ecosystem Surveys. The overarching plan of the survey is available in the web (<http://www.ices.dk/reports/RMC/2006/PGNAPES/pgnapes06.pdf>). Hydrographic investigations by use of CTD sonde.

b) GENERAL OPERATIONAL METHODS (including full description of any fish gear, trawl type, mesh size, etc.)

Echo sounding and trawling (see add. sheet), CTD.

4. ATTACH CHART showing (on an appropriate scale) the geographical area of intended work, positions of intended stations, tracks of survey lines, positions of moored/seabed equipment, areas to be fished

5. a) TYPES OF SAMPLES REQUIRED (e.g., geological/water/plankton/fish/radionuclide).

Fish.

b) METHODS OF OBTAINING SAMPLES (e.g., dredging/coring/drilling/fishing, etc. When using fishing gear, indicate fish stocks being worked, quantity of each species required, and quantity of fish to be retained on board

Fishing with pelagic trawl upon blue whiting, of which approx. 100 individuals/haul are required.

Quantity of fish to be retained on board: up to 1,800 tonnes of blue whiting. Other species: nil. When blue whiting is retained the vessel is run under the same conditions for operation, reporting and quota limits as other Norwegian vessels in purely commercial fishing in the EU countries' Economic Zones and Faroes Economic Zone.

6. DETAILS OF MOORED EQUIPMENT

<u>Dates</u>		<u>Description</u>	<u>Depth</u>	<u>Latitude</u>	<u>Longitude</u>
<u>Laying</u>	<u>Recovery</u>				

Short-term (up to about 24 hours) mooring of acoustic equipment used for measuring the acoustic target strength of blue whiting. The exact places and times to be decided on the basis of registrations.

7. ANY HAZARDOUS MATERIALS (chemicals/explosives/gases/radioactives, etc. (Use separate sheet if necessary)

a) Type and trade name None
NIL

b) Chemical content (and formula) NIL

c) IMO IMDG code (reference and UN no.) NIL

d) Quantity and method of storage on board NIL

e) If explosives give date(s) of detonation NIL

- Method of detonation
- Position of detonation
- Frequency of detonation
- Depth of detonation
- Size of explosive charge in kg.

8. DETAIL AND REFERENCE OF

a) Any relevant previous/future cruises

Spring 1986-1996, 1998-2006 with Norwegian research vessels. A similar cruise for spring 2008 is planned.

b) Any previously published research data relating to the proposed cruise

Report of the Planning Group on Northeast Atlantic Pelagic Ecosystem Surveys (PGNAPES). ICES CM 2006/RMC:08 Ref. LRC, ACFM, ACE. ICES, Copenhagen.

Available at <http://www.ices.dk/reports/RMC/2006/PGNAPES/pgnapes06.pdf>

International blue whiting spawning stock survey spring 2006. Heino, M., Sjøiland, H., Dahl, M., Alvarez, J., Tangen, Ø., Shnar, V., Malyshko, A., Krasnoborod'ko, O., Ratushnyy, S., Mullins, E., Johnston, G., Power, G., Kristiansen, J., Goddijn, L., Jacobsen, J. A., Smith, L., Joensen, M. M., Ybema, S., Bol, R., Bakker, K., Tjoe-Awie, P. and Pedersen, J. 2006.

Toktrappport/Havforskningsinstituttet/ISSN 1503-6294/Nr. 2 – 2006.

Available at <http://www.imr.no/produkter/publikasjoner/toktrapper/2006>

Blue whiting survey during spring 2006. Heino, M., Sjøiland, H., Dahl, M., Alvarez, J., Anthonypillai, V., Eriksen, K. B., de Lange, J., Meland, E. S., Pedersen, R., Tangen, Ø. and Torkelsen, T. 2006.

Toktrappport/Havforskningsinstituttet/ISSN 1503-6294/Nr. 3 – 2006

Available at <http://www.imr.no/produkter/publikasjoner/toktrapper/2006>

9. NAMES AND ADDRESSES OF SCIENTISTS OF THE COASTAL STATE(S) IN WHOSE WATERS THE PROPOSED CRUISE TAKES PLACE WITH WHOM PREVIOUS CONTACT HAS BEEN MADE

(See add. sheet)

10. STATE

a) Whether visits to the ship in port by scientists of the coastal state concerned will be acceptable (Yes/No)

Yes

b) Participation of an observer from the coastal state for any part of the cruise together with the dates and the ports for embarkation and disembarkation

Acceptable. Dates and ports to be closer settled if wanted by the coastal states.

c) When research data from the intended cruise is likely to be made available to the coastal state and by what means

April/May 2007, as cruise reports (one report for the international survey, one for the vessel chartered by the Institute of Marine Research separately). The results will also be summarized in the report of ICES Planning Group Planning Group on Northeast Atlantic Pelagic Ecosystem Surveys, which will meet in 14-17 August 2007.

PART C. SCIENTIFIC EQUIPMENT

Complete the following table using a separate page for each coastal state

Coastal state: U.K. and Denmark (the Faroes)


Port call:

Indicate "YES or "NO"

Dates: 16 March-5 April 2007

List scientific work by function e.g. Magnetometry Gravity Diving Seismics Seabed sampling Bathymetry Trawling Echo sounding Water sampling U/W TV Moored instr. Towed instr.	Water column including sediment sampling of the seabed	Fisheries research within fishing limits	Research concerning the natural resources of the continental shelf or its physical characteristics	Distance from coast		
				Within 4 nm	Between 4-12nm	Between 12 and 200 nm
Trawling	0-600m	No	No	No	No	Yes
CTD sonde	0-1000m	No	No	No	No	Yes
Echo sounding (hull mounted)	n.a.	No	No	No	Yes	Yes
Moored instr. (fisheries acoustics)	n.a.	No	No	No	No	Yes
Towed instr. (fisheries acoustics)	n.a.	No	No	No	No	Yes

Beate E. Aardal
(On behalf of the Principal Scientist)



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.. Dated 17.1.2007

NB. IF ANY DETAILS ARE MATERIALLY CHANGED REGARDING DATES/AREA OF OPERATION AFTER THIS FORM HAS BEEN SUBMITTED, THE COASTAL STATE AUTHORITIES MUST BE NOTIFIED IMMEDIATELY.

Additional information for Part B: Detail

3.b) GENERAL OPERATIONAL METHODS

Echo sounding and trawling.

Pelagic trawl, circumference: 2300m
mesh size of inner net in cod end: 40mm
door size: 9 sq.m

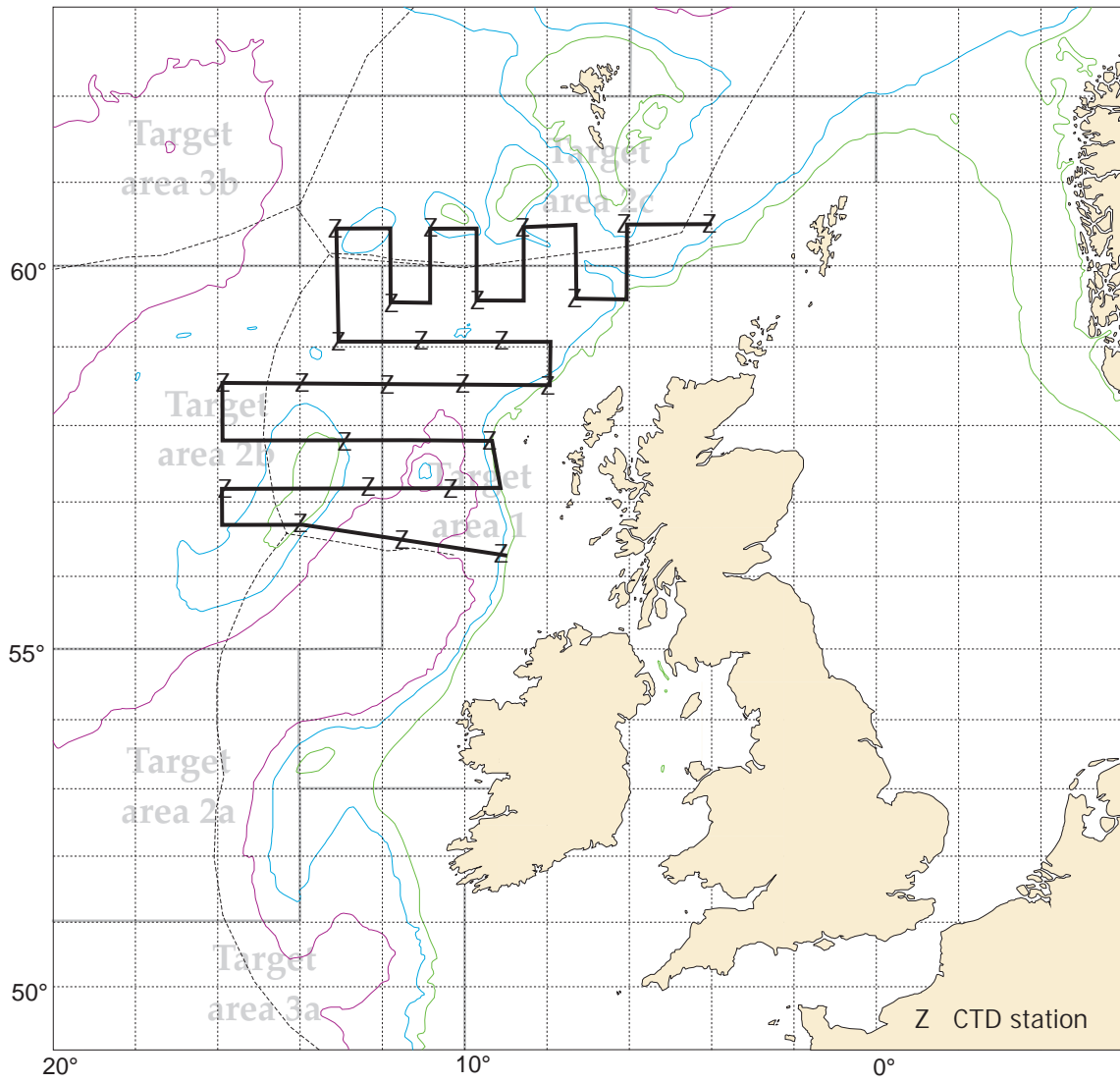
Pelagic trawl, circumference: 1600m
mesh size of inner net in cod end: 40mm
door size: 9 sq.m

Pelagic trawl, circumference: 450m
mesh size of inner net in cod end: 22mm
door size: 6 sq.m

9. NAMES AND ADDRESSES OF SCIENTISTS OF THE COASTAL STATES IN
WHOSE WATERS THE PROPOSED CRUISE TAKES PLACE WITH WHOM
PREVIOUS CONTACT HAS BEEN MADE

UK: John Simmonds
FRS Marine Laboratory
PO Box 101, 375 Victoria Road,
Aberdeen, AB11 9DB, Scotland

Faroe Islands: Jan Arge Jacobsen
Fiskirannsóknarstovan
PO Box 3051, Nóatún 1
110 Tórshavn



— Libas or Eros