

NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A: GENERAL

1. NAME OF RESEARCH SHIP: *Fishing vessel to be chartered* CRUISE NO: **2006804**
Name and particulars available ca 1 April 2005
2. DATES OF CRUISE: From: **Ca 8 May 2006** To: **Ca 8 June 2006**
3. OPERATING AUTHORITY: **Institute of Marine Research**
P.O.Boc 1870 Nordnes
N-5817 BERGEN, Norway

TELEPHONE: **+47 55 23 85 00**
TELEFAX : **+47 55 23 85 31**
4. OWNER (if different from no. 3): *Available later (ref # 1 above)*
5. PARTICULARS OF SHIP: Name: *Available later (ref # 1 above)*
Nationality: **Norwegian**
Overall length: metres
Maximum draught: metres
Net tonnage:
Propulsion: Diesel
Call sign:
Registration port and number
(if registered fishing vessel)
6. CREW: Name of master: *Available later (ref # 1 above)*
Number of crew: **6**
7. SCIENTIFIC PERSONNEL: Name and address of scientist in charge: **Arl Slotte** (project leader)
Sigmund Myklevoll (cruise leader)

Tel/telex/fax no.: **As in # 3 above**
No. of scientists: **5**
8. GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE (with ref. to latitude and longitude):
W of Ireland, from ca 51°N to 56°N, from 9°W to 13°W, mainly ca 15 n.miles or more off the coast.
W of Scotland, from ca 56°N to 60°N, from 7°W to 10°W, mainly along the slope (150 m to 400 m depth).
9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE:
Tagging and biological sampling of mackerel.
10. DATES AND NAMES OF INTENDED PORTS OF CALL:
Killybegs or Galway , ca 11 May 2006 (Irish scientist joins survey)
Galway, ca 24 May 2005 (change of research personnel).
Killybegs or Galway, ca 1 June 2005.
11. ANY SPECIAL REQUIREMENTS AT PORTS OF CALL:
Normal supplies only (water, food, oil)

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PART B: DETAIL

1. NAME OF RESEARCH SHIP: *Vessel to be chartered* CRUISE NO: **2006804**
Name and particulars available ca 1 April 2005
2. DATES OF CRUISE: From: **Ca 8 May 2006** To: **Ca 8 June 2006**
3. a) PURPOSE OF RESEARCH:
Tagging and biological sampling of mackerel as part of studies on the European mackerel stocks.

b) GENERAL OPERATIONAL METHODS (including full description of any fish gear, trawl type, mesh size, etc.)
Fishing with 4 to 6 handlines, each with 6 small hooks. Tagging the fish and releasing them immediately after tagging.
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):
Areas to be fished in Irish waters, within 51°N to 56°N and 9°W to 13°W, mainly along the edge and slope of the continental shelf (ca 150-400 m depth).
In UK waters, within 56°N to 60°N and 7°W to 10°W, along the edge and slope.
5. a) TYPES OF SAMPLES REQUIRED (e.g., geological/water/plankton/fish/radionuclide):
Fish only (mackerel).

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 handlines, “the western mackerel stock”. Tagging and releasing 25,000 fish.
Biological sampling of 1,000 fish.
6. DETAILS OF MOORED EQUIPMENT:

| Dates | Laying | Recovery | Description | Depth | Latitude | Longitude |
|-------------|--------|----------|-------------|-------|----------|-----------|
| None | | | | | | |

7. ANY HAZARDOUS MATERIALS (chemicals/explosives/gases/radioactives, etc).
(Use separate sheet if necessary)
- | | |
|--|------------|
| a) <u>Type and trade name</u> | NIL |
| b) <u>Chemical content</u> (and formula) | NIL |
| c) <u>IMO IMDG code</u> (reference and UN no.) | NIL |
| d) <u>Quantity and method of storage on board</u> | NIL |
| e) <u>If explosives</u> 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
The tagging and sampling programme started in 1968 and will probably continue.
- b) Any previously published research data relating to the proposed cruise
Cruise reports.
9. NAMED AND ADDRESSES OF SCIENTISTS OF THE COASTAL STATE(S) IN WHOSE WATERS THE PROPOSED CRUISE TAKES PLACE WITH WHOM PREVIOUS CONTACT HAS BEEN MADE:
- Dr M. Clarke, Marine Institute, Galway Technology Park, Parkmore, Galway, Ireland.**
- Marine Laboratory, Victoria Road, AB11 9DB Aberdeen, UK.**
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:
Participation probably possible (cabin space may be a problem, available vessel not yet known).
Planned ports of call: Killybegs or Galway, ca 11 May 2005.
Galway ca 24 May 2005 and Killybegs or Galway, ca 1 June 2005.
- c) When research data from the intended cruise is likely to be made available to the coastal state and by what means:
Basic data available in Cruise report about one month after cruise.

PART C. SCIENTIFIC EQUIPMENT

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

Coastal state: **Ireland and UK**

Port call: **Killybegs/Galway (ca 11 May 2006), Galway (ca 24 May 2006), Killybegs/Galway (ca 1 June 2006)**

Dates: **2006**

Indicate "YES or "NO"

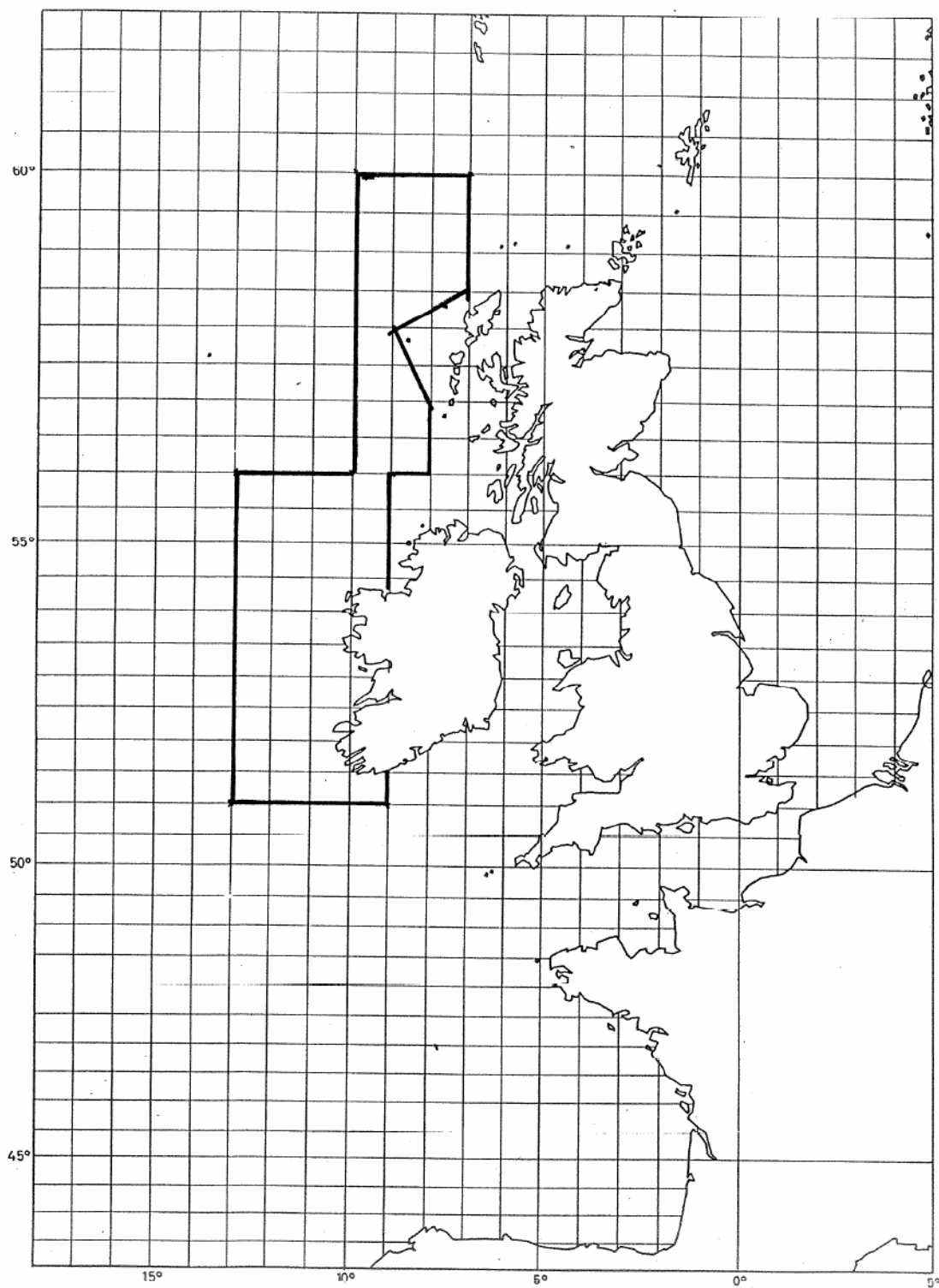
| | | | | DISTANCE FROM COAST | | |
|---|--|--|--|---------------------|-----------------|-------------------|
| <u>List scientific work by function</u> e.g. Magnetometry Gravity Diving Seismics Seabed sampling Bathymetry Trawling Echo sounding Water sampling U/W TV Moored instr. Towed instr. | Water 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 | Within 4 nm | Between 4-12 nm | Between 12-200 nm |
| Fishing/tagging | No | Yes | No | No | Yes | Yes |
| | | | | | | |
| | | | | | | |
| | | | | | | |


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 Rederissksjonen / Research Vessel Division
 P.O.Box 1870 Nordnes - N-5817 Bergen - Norway

(On behalf of the Principal Scientist)

10.01.2006

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.



Mackerel tagging west of Ireland and Scotland in May-June 2005: Approximate limits of operation. Most of the work will be carried out along the edge of the continental shelf.