



ICES form - Notification of proposed research cruise

Ref.id.: KS&SMS-05-4-02

Standard

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1. **NAME OF RESEARCH SHIP:** STÅLBAS **CRUISE NO.:** 2021 824

2. **DATES OF CRUISE** **From: 8 June 2021. To: 2 August 2021.**

3. **OPERATING AUTHORITY:**

**Institute of Marine Research, P.O.Box 1870 Nordnes, N-5817 BERGEN,
NORWAY**

TELEPHONE: 47-5523 8500

TELEFAX: 47-55238531

TELEX: No

EMAIL: post@hi.no

4. **OWNER**

Barens Offshore A/S, Org.nr 895 022 012.

Strandvegen 106, 9006 Tromsø

Mobil 481 73 555

Epost: signe@kvitbjorn.no

5. **PARTICULARS OF SHIP:**

Name: STÅLBAS

Nationality: Norwegian

Overall length: 58.75 m

Maximum draught: 4,64 m

Net tonnage: 256 NRT

Propulsion: Diesel

Call sign: LNXH

Registration port and number (if registered fishing vessel): TROMSØ, T-174-K

IMO No. 5077682

Vessel E-mail: dualog.stalbas@fisknett.dualog.net



6. CREW

Name of master: Bjørnar Kristiansen, Mob. +47 41 33 15 21

Number of crew: 7

7. SCIENTIFIC PERSONNEL

Name and address of scientist in charge:

Nils Øien, Institute of Marine
Research, P.O. Box 1870 Nordnes,
N-5817 Bergen, Norway

Tel/telex/fax no.: +47 901 39 174.

E-mail: nilsoien@hi.no

No. of scientists: 11

8. GEOGRAPHICAL AREA IN WHICH SHIP WILL OPERATE (with reference to latitude and longitude)

63°00'N - 74°00'N

20°00'W- 3°00'E

This area includes parts of EEZ of Iceland, Greenland and Faroe Islands (see map).

9. BRIEF DESCRIPTION OF PURPOSE OF CRUISE

Sightings survey to estimate abundance of whales with emphasis on minke whales. The vessels will follow tracklines on which observations of whales and their relative positions to vessel will be recorded by dedicated observers.

10. DATES AND NAMES OF INTENDED PORTS OF CALL

No planned ports of call outside Norway.

5-6 July 2021: Tromsø, Norway



11. ANY SPECIAL REQUIREMENTS AT PORTS OF CALL

No.

1. Part B: Details

1. NAME OF RESEARCH SHIP: STÅLBAS CRUISE NO.: 2021 824

2. DATES OF CRUISE **From: 8 June 2021. To: 2 August 2021**

3.

a) PURPOSE OF RESEARCH:

Collect sighting information for estimating abundance of whales, especially minke whales, as part of a long-term survey program to cover the Northeast Atlantic over the years 2020-2025.

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

This is a visual line-transect sightings survey: Vessel cruising on tracklines (transects) with dedicated observers looking for whales. Data collected are: Species, position, position relative to vessel, weather data and other covariates. There will also be conducted experiments on whale observer's judgments of distance with the help of ordinary buoys at 1-2 nautical miles distance. No fish sampling is involved.

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

Survey chart of the survey areas and block structure is attached. Survey lines are indicated as red and blue lines.

5.

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

This is a surface visual survey with no sampling from the water column.

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



6. **DETAILS OF MOORED EQUIPMENT**

Dates -

Laying Recovery Description Depth Latitude Longitude

This is a visual survey and no moored equipment will be used.

7. **ANY HAZARDOUS MATERIALS (chemicals/explosives/gases/radioactives, etc.)**

(Use separate sheet if necessary)

- a) Type and trade name 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 dates 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 most recent coverage of this area was in 2016. The survey in 2021 is part of a six-year survey program (2020-2025) to cover the Northeast Atlantic for estimating abundance of whales.

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

Results from similar surveys have been presented on an annual basis to the IWC Scientific Committee, NAMMCO Scientific Committee and other international bodies for discussion, and results have been published in associated journals.

Dokumenter kan skrives ut, men kun elektronisk versjon ansees som oppdatert og gyldig.



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**

Previous contacts: Dr. Mads Peter Heide Jørgensen (Greenland Institute of Natural Resources), mhj@ghsdk.dk; Bjarni Mikkelsen (Havstovan, Torshavn, Faroe Islands), bjarnim@hav.fo; Dr Gísli Víkingsson (Hafrannsóknastofnun, Marine and Freshwater Research Institute, Reykjavík, Iceland) gisli.vikingsson@hafogvatn.is.

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 for embarkation and disembarkation

No arrangements have been made for this.

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

A cruise report will be available in winter 2022 and will on the first hand be presented to the International Whaling Commission's Scientific Committee.

2. **Part C. Scientific Equipment**

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

Coastal state: **Iceland**Port of call: None plannedDates: 08.06.-02.08.2021

				Distance from coast		
List scientific work by function				Within	Between	Between
				4 nm	4-12 nm	12-200 nm
(example: Magnetometry)	Water column including sediment sampling of seabed	Fisheries research within fishing limit	Research concerning the natural resources of the continental shelf or its physical characteristics)			
Sighting survey: Observing cetaceans along predetermined track-lines	N.A.	N.A.	N.A.	no	no	YES*

*Usually 50 m depth contours are used as coastal delimiters of transects.



Coastal state: **Greenland (Denmark)** Port of call: None planned Dates: 08.06.-02.08.2021

				Distance from coast		
List scientific work by function				Within	Between	Between
				4 nm	4-12 nm	12-200 nm
(example: Magnetometry)	Water column including sediment sampling of seabed	Fisheries research within fishing limit	Research concerning the natural resources of the continental shelf or its physical characteristics)			
Sighting survey: Observing cetaceans along predetermined track-lines	N.A.	N.A.	N.A.	no	no	YES*

*Usually 50 m depth contours are used as coastal delimiters of transects.



Coastal state: **Faroe Islands (Denmark).**

Port of call: None planned

Dates: 08.06.-02.08.2021

				Distance from coast		
List scientific work by function				Within	Between	Between
				4 nm	4-12 nm	12-200 nm
(example: Magnetometry)	Water column including sediment sampling of seabed	Fisheries research within fishing limit	Research concerning the natural resources of the continental shelf or its physical characteristics)			
Sighting survey: Observing cetaceans along predetermined track-lines	N.A.	N.A.	N.A.	no	no	YES*

*Usually 50 m depth contours are used as coastal delimiters of transects.

Nils Øien

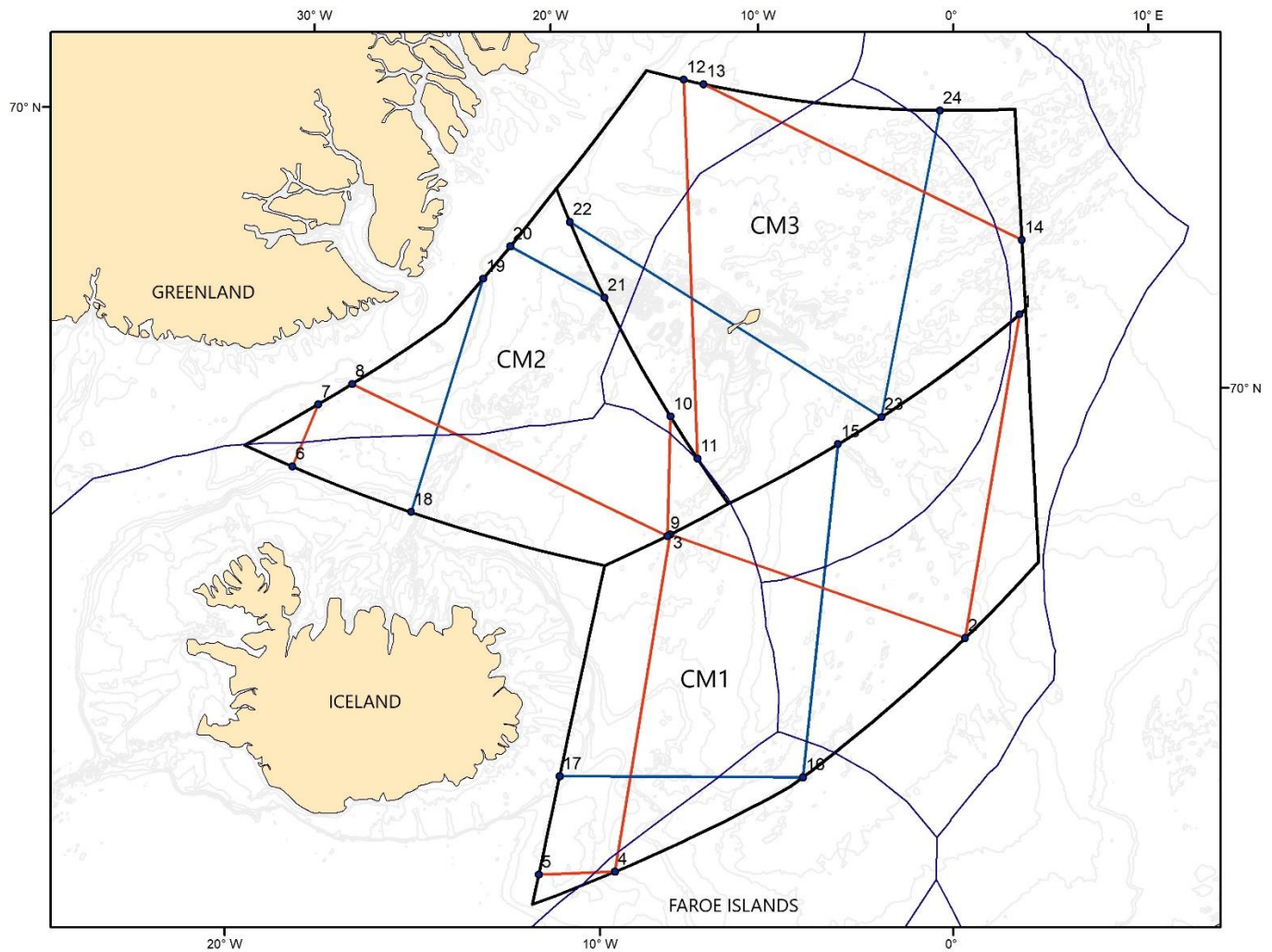
Nils Øien

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(On behalf of the Principal Scientist)

Dated: 26 March 2021

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.



Survey blocks (CM1-CM3) and planned transect lines (blue and red lines; numbers are waypoints) for the 2021 sighting survey. Also shown are the countries' EEZs.