



# Søknad om forskningstokt i britisk farvann

Ref.id.: KS&SMS-5-4-03

Standard

Side 1 av 7

## Application for Consent to conduct Marine Scientific Research

Date: 14 March 2018

### 1. General Information

1.1 Cruise name and/or number:
Cetacean survey-Survey program for minke whales 2014-2019, IMR Cruise no. 2018-833

1.2 Sponsoring Institution(s):	
Name:	Institute of Marine Research
Address:	Postboks 1870 Nordnes, N-5817 BERGEN
Name of Director:	Sissel Rogne

1.3 Scientist in charge of the Project:	
Name:	Nils Øien
Country:	Norway
Affiliation:	Institute of Marine Research
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Website (for CV and photo):	<a href="https://www.hi.no/hi/om-oss/ansatte/nils-oien">https://www.hi.no/hi/om-oss/ansatte/nils-oien</a>

1.4 Entity(ies)/Participant(s) from coastal State involved in the planning of the project:	
Name:	N.A.
Affiliation:	
Address:	
Telephone:	
Fax:	
Email:	
Website (for CV and photo):	

### 2. Description of Project

2.1 Nature and objectives of the project:
Long-term monitoring of cetacean abundance in the northeast Atlantic with minke whales as the target species. Surveys are conducted over six-year periods with a mosaic coverage of sub-areas to provide a complete coverage of the Northeast Atlantic at the end of a six-year period. The surveys are conducted under oversight of the IWC Scientific committee which receives annual survey reports and data sets for Implementation Reviews under of North Atlantic minke whales which are conducted at about 6 years' intervals.



2.2 If designated as part of a larger scale project, then provide the name of the project and the Organisation responsible for coordinating the project:

Cetacean sighting surveys in the Northeast Atlantic; Institute of Marine Research

2.3 Relevant previous or future research projects:

Previous similar surveys conducted in 1995, 1996-2001, 2002-2007, 2008-2013.

2.4 Previous publications relating to the project:

Skaug et al. 2004. Abundance of minke whales in the Northeast Atlantic: Availability in time and space. Can. J. Fish. Aquat. Sci. 61: 870-886.

Øien. 2009. Distribution and abundance of large whales in Norwegian and adjacent waters based on ship surveys 1995-2001. NAMMCO Sci. Publ. 7:31-47.

### 3. Geographical Areas

3.1 Indicate geographical areas in which the project is to be conducted (with reference in Latitude and longitude in decimal degrees, including coordinates of cruise/track/way points/sampling stations). Please provide coordinates in a separate excel spreadsheet.

General area 53,00°N-62,00°N; 14,00°W-7,00°E.

Excel sheet enclosed.

3.2 Attach chart(s) at an appropriate scale (1 page, high-resolution) showing the geographical Areas of the intended work and, as far as practicable, the location and depth of sampling Stations, the tracks of survey lines, and the locations of installations and equipment.

Map enclosed.

### 4. Methods and means to be used

4.1 Particulars of vessel:

Name:	Acc Mosby
Type/Class:	Cargo
Nationality (Flag State):	Norway
Identification Number (IMO/Lloyds No.):	7922233
Owner:	Novita Fisktrans AS
Operator:	Institute of Marine Research
Overall length (meters):	47.24 m
Maximum draught:	5.5 m
Displacement/Gross Tonnage:	699 ton
Propulsion:	Diesel 1103 kW
Cruising & maximum speed:	10 knots, 13 knots
Call sign:	LJIT
INMARSAT number and method and capability of communication (including emergency frequencies):	
Name of Master:	Thomas Torrissen/Christoffer Andersen
Number of Crew:	6
Number of Scientists on board:	10



4.2 Particulars of Aircraft:	
Name:	N.A.
Make/Model:	
Nationality (flag State):	
Website for diagram & Specifications:	
Owner:	
Operator:	
Overall Length (meters):	
Propulsion:	
Cruising & Maximum speed:	
Registration No.:	
Call Sign:	
Method and capability of communication (including emergency frequencies):	
Name of Pilot:	
Number of crew:	
Number of scientists on board:	
Details of sensor packages:	
Other relevant information:	

4.3 Particulars of Autonomous Underwater Vehicle (AUV):	
Name:	N.A.
Manufacturer and make/model:	
Nationality (Flag State):	
Website for diagram & Specifications:	
Owner:	
Operator:	
Overall length (meters):	
Displacement/Gross tonnage:	
Cruising & Maximum speed:	
Range/Endurance:	
Method and capability of communication (including emergency frequencies):	
Details of sensor packages:	
Other relevant information:	

4.4 other craft in the project, including its use:
N.A.

4.5 Particulars of methods and full description of scientific instruments to be used (for fishing gear specify type and dimension)		
Types of samples and Measurements:	Methods to be used:	Instruments to be used:
Line transect survey	Visual survey	n.a.

4.6 Indicate nature and quantity of substances to be released into the marine environment:
None.

4.7 Indicate whether drilling will be carried out. If yes, please specify:
No.



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4.8 Indicate whether explosives will be used. If yes, please specify type and trade name, Chemical content, depth of trade class and stowage, size, depth of detonation, frequency of Detonation, and position in latitude and longitude:

No.

5. Installations and Equipment

Details of installations and equipment (including dates of laying, servicing, method and Anticipated timeframe for recover, as far as possible exact locations and depth, and Measurements):

N.A.

6. Dates

6.1 Expected dates of first entry into and final departure from the research area by the research vessel and/or other platforms:

Earliest date of entry 27 June 2018 and final departure 19 August 2018.

6.2 Indicate if multiple entries are expected:

Yes.

7. Port Calls

7.1 Dates and Names of intended ports of call:

None planned in UK.

7.2 Any special logistical requirements at ports of call:

No.

7.3 Name/Address/Telephone of shipping agent (if available):

N.A.

8. Participation of the representative of the coastal State

8.1 Modalities of the participation of the representative of the coastal State in the research Project:

8.2 Proposed dates and ports for embarkation/disembarkation:

9. Access to Data, Samples and Research Results

9.1 Expected dates of submission to coastal State of preliminary report, which should include The expected dates of submission of the data and research results:



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9.2 Anticipated dates of submission to the coastal State of the final report:

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9.3 Proposed means for access by coastal State to data (including format) and samples:

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9.4 Proposed means to provide coastal State with assessment of data, samples and Research results:

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9.5 Proposed means to provide assistance in assessment or interpretation of data, samples And research results:

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9.6 Proposed means of making results internationally available:

These surveys are regularly discussed within the IWC Scientific Committee especially in connection with their agenda items on Implementation Reviews and In-depth Assessments.

10. Other permits Submitted

10.1 Indicate other types of coastal state permits anticipated for this research (received or Pending):

None

11. List of Supporting Documentation

11.1 List of attachments, such as additional forms required by the coastal State, etc.:

Excel file: Coordinates transects 2018 UK notification.xlsx

Map is inserted in the present file.

Signature: *Nils Oien*

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