	Havforskningsinstituttet	Ref.id.: KS&SMS.5.4-03	
	Mal søknad Britiske Myndigheter - Application for Consent to conduct Marine Scientific Research	Standard	
Versjon: 1.02	Opprettet: 11.12.2013	Skrevet av: BTC	Godkjent av: KRR	Gjelder fra: 11.12.2013	Sidenr: 1 av 6

Application for Consent to conduct
Marine Scientific Research

Date: 27 May 2015

1.   General Information

1.1 Cruise name and/or number: International Ecosystem Summer Survey in the Nordic Seas (IESSNS) / Cruise number 2015 832

1.2 Sponsoring Institution(s):	
Name:	Institute of Marine Research (IMR)
Address:	Nordnesgaten 50, NO-5817 Bergen, Norway
Name of Director:	Tore Nepstad

1.3 Scientist in charge of the Project:	
Name:	Leif Nøttestad
Country:	Norway
Affiliation:	Principal Scientist at IMR
Address:	Nordnesgaten 33, NO-5817 Bergen
Telephone:	+47 99 22 70 25
Fax:	+47 55 23 86 87
Email:	leif.nottestad@imr.no
Website (for CV and photo):	http://www.imr.no/om_havforskningsinstituttet/ansatte/n/leif_nottestad/en

1.4 Entity(ies)/Participant(s) from coastal State involved in the planning of the project:	
Name:	Research institutes and scientists from EU, Iceland, Faroe Islands, Greenland and Norway
Affiliation:	
Address:	
Telephone:	
Fax:	
Email:	
Website (for CV and photo):	

2.   Description of Project

2.1 Nature and objectives of the project:
The major aim is abundance estimation with precision estimates of Northeast Atlantic (NEA) mackerel. Secondary aim is to understand the Norwegian Sea ecosystem and especially the distribution, migration, feeding and spatial overlap of important pelagic planktivorous species (mackerel, herring and blue whiting) in relation to hydrography, plankton and top predators.

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:

IESSNS survey used for assessment purposes on NEA mackerel in ICES

2.3 Relevant previous or future research projects:

ICES WGNAPES

2.4 Previous publications relating to the project:
See ICES WGWIDE (2014) and WGIPS (2015) reports for previous reports and publications

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.

Northern North Sea. There will be 2-3 sampling stations within EU waters (see attached map with survey lines. The excact coordinates are not available yet due to randomized sampling design, which we have not finalized yet.

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.
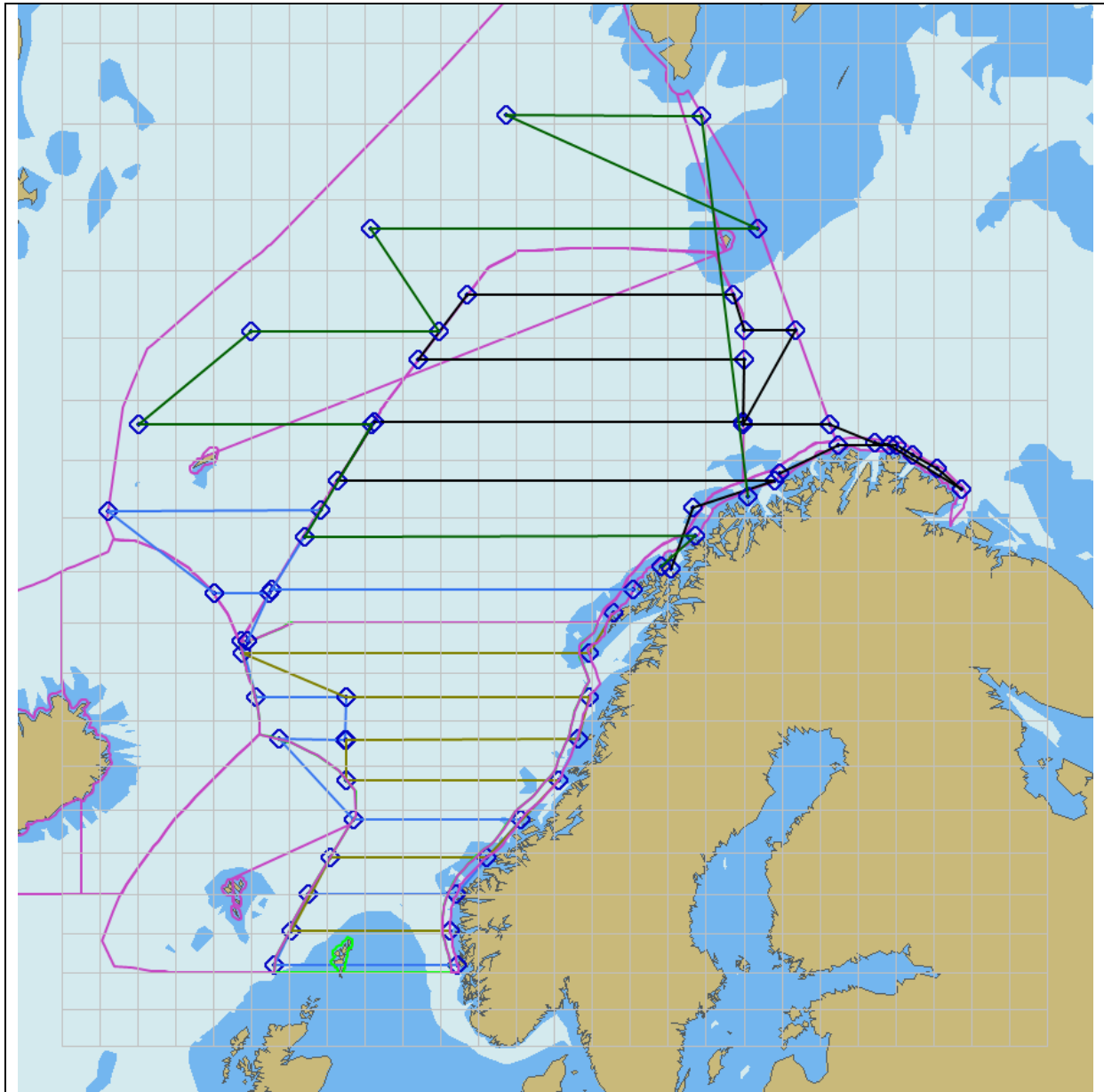
4.   Methods and means to be used

4.1 Particulars of vessel:	
Name:	M/V "Brennholm
Type/Class:	Fishing vessel: stern trawler and purse seiner
Nationality (Flag State):	Norwegian
Identification Number (IMO/Lloyds No.):	IMO: 9268655
Owner:	Lars Einar Sandtorv
Operator:	Lars Anton Sandtorv
Overall length (meters):	75.4 m
Maximum draught:	6 m
Displacement/Gross Tonnage:	2666
Propulsion:	6870 Hp
Cruising & maximum speed:	10 and 16 knots
Call sign:	LIWG

INMARSAT number and method and capability of communication (including emergency frequencies):	
Name of Master:	Lars Anton Sandtorv
Number of Crew:	8
Number of Scientists on board:	8

4.2 Particulars of Aircraft:	
Name:	
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:	
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:

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:
Pelagic trawling	Multpelt 832 trawling 30 min	Trawl sensors and cameras
CTD	CTD casts 0-500m depth	Seabird and SAIV sonde
Plankton sampling	WP2 sampling 0-200m depth	

4.6 Indicate nature and quantity of substances to be released into the marine environment:

None, except for fuel for propulsion

4.7 Indicate whether drilling will be carried out. If yes, please specify:

No

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):

No

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:

1-4 July 2015

6.2 Indicate if multiple entries are expected:

No

7.   Port Calls

7.1 Dates and Names of intended ports of call:

No port calls needed

7.2 Any special logistical requirements at ports of call:

No

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

Not relevant

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:

ICES IESSNS survey

8.2 Proposed dates and ports for embarkation/disembarkation:

Not applicable

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:
25. August 2015

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

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

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

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

9.6 Proposed means of making results internationally available:
Access through ICES WGWIDE

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.:
None

Signature:

Contact information of the focal point:
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Fax: +47 55 23 86 87
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