HAVSTOVAN
FAROE MARINE RESEARCH INSTITUTE

Fiskimálaráðið
Bókbindaragøta 8
P.O.Boks 347
FO-110 Tórshavn

Tórshavn 14. Apríl 2014

Umsókn

Hjáløgd er ein umsókn (í trimum eintøkum) til R/S Magnus Heinason at fara í bretskan sjógv í juni 2014. Tit verða biðin um at senda umsóknina víðari til Ríkisumboðið saman við fylgiskrivi.

Vinaliga

Karin Margretha H. Larsen

FISKIMÁLARÁÐIÐ
15 APR. 2014
J. NR.

P.O.Box 3051 · Nóatún 1
FO-110 Tórshavn
Faroe Islands

Tel 35 39 00
hav@hav.fo
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APPLICATION FOR CONSENT TO CONDUCT MARINE SCIENTIFIC RESEARCH IN AREAS UNDER NATIONAL JURISDICTION OF THE UNITED KINGDOM

Date: 14.04.2014

1. General Information

1.1 Ship and cruise number: Magnus Heinason Cruise 1422

1.2 Sponsoring institution:

Name:	Havstovan
Address:	PO Box 3051, Nóatún, FO-110 Tórshavn Faroe Islands
Name of director:	Dr. Eilif Gaard

1.3 Scientist in charge of project:

Name:	Dr. Karin Margretha H. Larsen
Address:	Havstovan PO Box 3051, Nóatún FO-110 Tórshavn Faroe Islands
Telephone:	+298 353900
Telefax:	+298 353901

1.4 Scientist from UK with knowledge of the project:

Name:	Dr. Barbara Berx
Address:	SOAFD Marine Laboratory 375 Victoria Road, PO Box 101 Aberdeen AB11 9DB

1.5 Submitting officer:

Name:	Dr. Karin Margretha H. Larsen
Address:	Havstovan PO Box 3051, Nóatún FO-110 Tórshavn Faroe Islands
Telephone:	+298 353900
Telefax:	+298 353901

2. Description of Project

2.1 Nature and objectives of the project:

Monitor long-term changes of hydrography and plankton in the waters surrounding the Faroe Islands. CTD sections and ADCP moorings in the Faroe-Shetland Channel are in collaboration with the Marine Scotland (Marine Laboratory in Aberdeen). This work is carried out within the European Union 7th Framework Programme (FP7 2007-2013), under grant agreement n.308299 NACLIM.

2.2 Relevant previous or future research cruises:

2009	04.11-11.11	Magnus Heinason
2010	18.02-23.02	Magnus Heinason
2010	13.05-16.05	Magnus Heinason
2010	01.09-08.09	Magnus Heinason
2010	03.11-08.11	Magnus Heinason
2013	05.06-12.06	Magnus Heinason
2013	28.08-04.09	Magnus Heinason
2014	12.02-19.02	Magnus Heinason
2014	14.05-21.05	Magnus Heinason
2014	27.08-03.09	Magnus Heinason

2.3 Previously published research data relating to the project:

Turrell,W.R., Hansen,B. et al. 1999. Direct observations of inflow to the Nordic Seas through the Faroe Shetland Channel 1994-1997. ICES CM 1999/L:01, 15 pp.

Turrell, W. R., Hansen, B., Hughes, S., and Østerhus, S. 2003. Hydrographic variability during the decade of the 1990s in the Northeast Atlantic and Southern Norwegian Sea. ICES mar. Sci. Symp., 219: 111-120.

Østerhus, S., Turrell, W. R., Jónsson, S., and Hansen, B. 2005. Measured volume, heat, and salt fluxes from the Atlantic to the Arctic Mediterranean. Geophysical Research Letters, 32, L07603, doi:10.1029/2004GL022188.

Berx, B., Hansen, B., Østerhus, S., Larsen, K. M., Sherwin, T., and Jochumsen, K. 2013. Combining in-situ measurements and altimetry to estimate volume, heat and salt transport variability through the Faroe Shetland Channel. Ocean Sci. Discuss., 10, 153–195, 2013 www.ocean-sci-discuss.net/10/153/2013/ doi:10.5194/osd-10-153-2013.

3. Methods and Means to be Used

3.1 Particulars of vessel:

Name: FRV Magnus Heinason **Nationality:** Faroese
Owner: Føroya Landsstýri (The Local Faroese Government)
Operator: Havstovan
Overall length: 44.5 m **Maximum draught:** 4.8 m
Net tonnage: 184.9 **Gross tonnage:** 455
Propulsion: Diesel
Cruising speed: 10 kn **Maximum speed:** 11 kn
Call sign: OW 2252
Registered port and number: TN 407
Method and capability of communication: Radio-telephone
Name of master: Dánial J. Lydersen
Number of crew: 10
Number of scientists on board: 2

3.2 Aircraft or other craft to be used in the project: N/A

3.3 Particulars of methods and scientific instruments:

Types of samples and data	Methods to be used	Instruments to be used
Water	CTD + bottle sample	CTD + Rosette
Plankton	Vertical hauls	Plankton net
Current velocities	Mooring deployment	ADCP mooring

3.4 Indicate whether harmful substances will be used: NO

3.5 Indicate whether drilling will be carried out: NO

3.6 Indicate whether explosives will be used: NO

4. Installations and Equipment

Details of installations and equipment (dates of laying, servicing, recovery; exact locations and depth):

Deploy ADCP trawl-proof frame at site NWSH at position:

60.199°N 4.241° W at 350 m bottom depth

This deployment is in collaboration with the Marine Scotland Laboratory in Aberdeen. Attached (appendix 1) is their application for mooring deployments in April 2014 where it is also specified that FRV Magnus Heinason is to deploy mooring NWSH.

5. Geographical Areas

5.1 Indicate geographical areas in which the project is to be conducted (with reference in latitude and longitude):

Generally, CTD observations with water and plankton samples will be occupied along the standard sections shown in the attached chart1 within the area

59°30'N-64°30'N
08°35'W-03°42'W

On this cruise (1422) we will occupy these CTD stations in British waters:

S14	60° 31.25'N	4° 42.35'W
S15	60° 26.80'N	4° 36.33'W
S16	60° 22.85'N	4° 30.60'W
S17	60° 18.10'N	4° 23.52'W
S18	60° 13.75'N	4° 17.13'W
S19	60° 10.00'N	4° 11.55'W
S20	60° 6.00'N	4° 5.75'W

These stations are marked as magenta stars on the attached chart2

5.2 Attach chart(s) at an appropriate scale showing the geographical areas of the intended work and, as far as practicable, the positions of intended stations, the tracks of survey lines, and the locations of installations and equipment.

2 charts attached

6. Dates

6.1 Expected dates of first entry into and final departure from the research area of the research vessel:

The ship is expected to be in UK waters for about one day in the period:
Entry: 04.06.2014
Exit: 11.06.2014

6.2 Indicate if multiple entry is expected:

No

7. Port Calls

7.1 Dates and names of intended ports of call in the United Kingdom:

No intended port call

7.2 Any special logistical requirements at ports of call:

N/A

7.3 Name/address/telephone of shipping agent (if available):

N/A

8. Participation

8.1 Extent to which UK will be enabled to participate or to be represented in the research project:

The Marine Scotland Laboratory in Aberdeen (Dr. Barbara Berx) is participating in the project. Additional observers are welcome aboard.

8.2 Proposed dates and ports for embarkation/disembarkation:

Tórshavn, Faroe Islands at beginning and end of cruise.

9. Access to Data, Samples and Research Results

9.1 Expected dates of submission to UK of preliminary reports which should include the expected dates of submission of the final results:

Six months from conclusion of cruise.

9.2 Proposed means for access by UK to data and samples:

By cruise report

9.3 Proposed means to provide UK with assessment of data, samples and research results or provide assistance in their assessment or interpretation:

All data submitted to ICES and direct delivery to The Marine Scotland Laboratory, Aberdeen, c/o Dr. Barbara Berx

9.4 Proposed means of making research results internationally available:

In scientific journals and at ICES Working groups

10. Scientific Equipment

Coastal State United Kingdom

Port Call No *Indicate "Yes" or "No"*

Dates N/A

LIST SCIENTIFIC WORK BY FUNCTION eg: magnetometry, gravity, diving, seismics, bathymetry, sea bed sampling, trawling, echo sounding, water sampling, u/w TV, moored instruments, towed instruments	Water column including sediment sampling of the sea bed	Fisheries research within fishing limits	Research concerning the natural resources of the Continental Shelf or its physical characteristics	Distance from coast within 12 nms	Distance from coast between 12-200 nm	(Continental Shelf work only) Beyond 200 nm but within the Continental margin
Water sampling	Yes	No	No	No	Yes	No
Plankton sampling	Yes	No	No	No	Yes	No
ADCP frame	Yes	No	No	No	Yes	No

Karin Margretha H. Larsen

Dated 14. April 2014

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

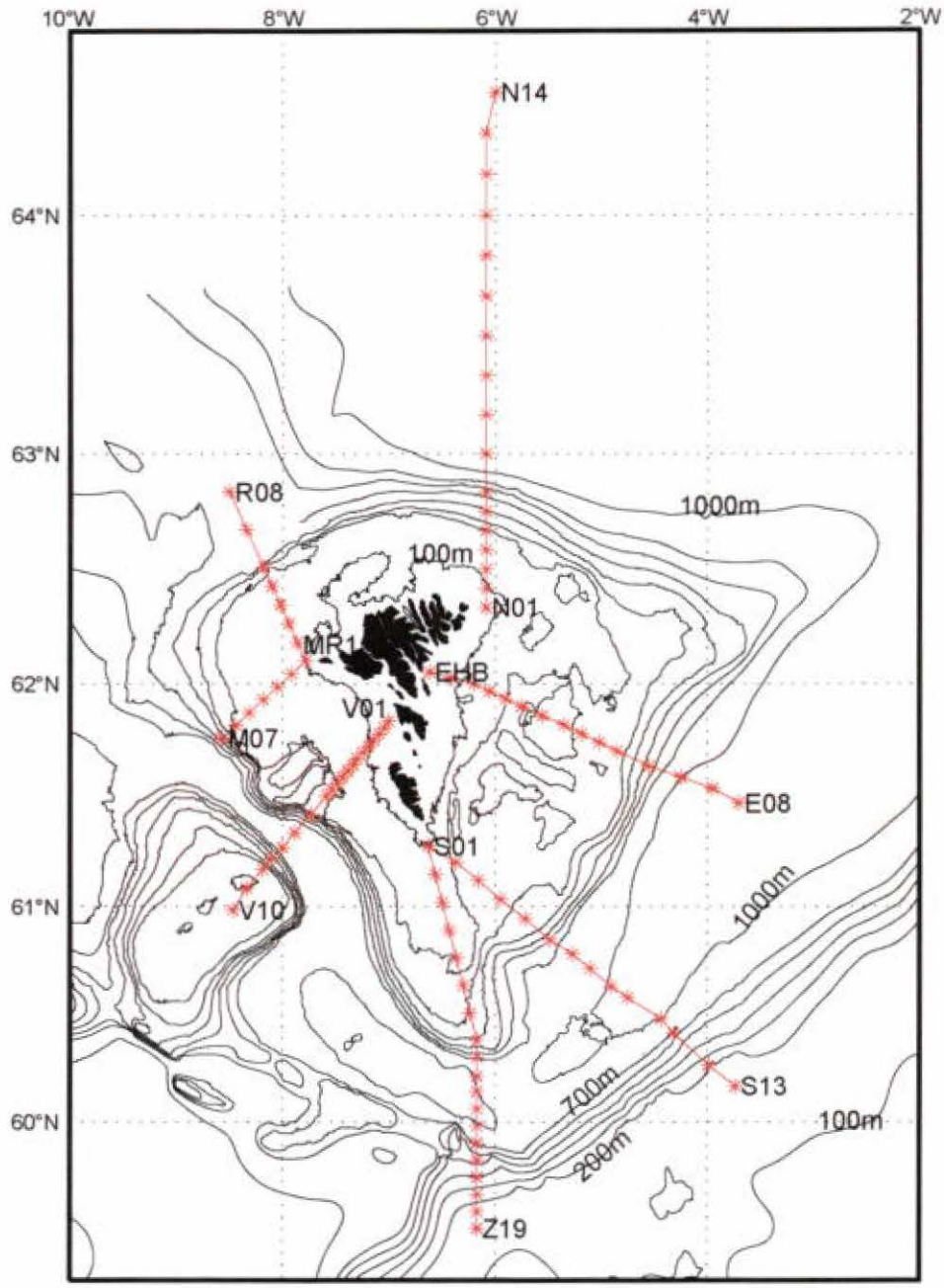

Chart1, showing the standard sections (red lines – red stars indicate stations) along which CTD observations, water and plankton samples are acquired. Start and end stations on each section are indicated.

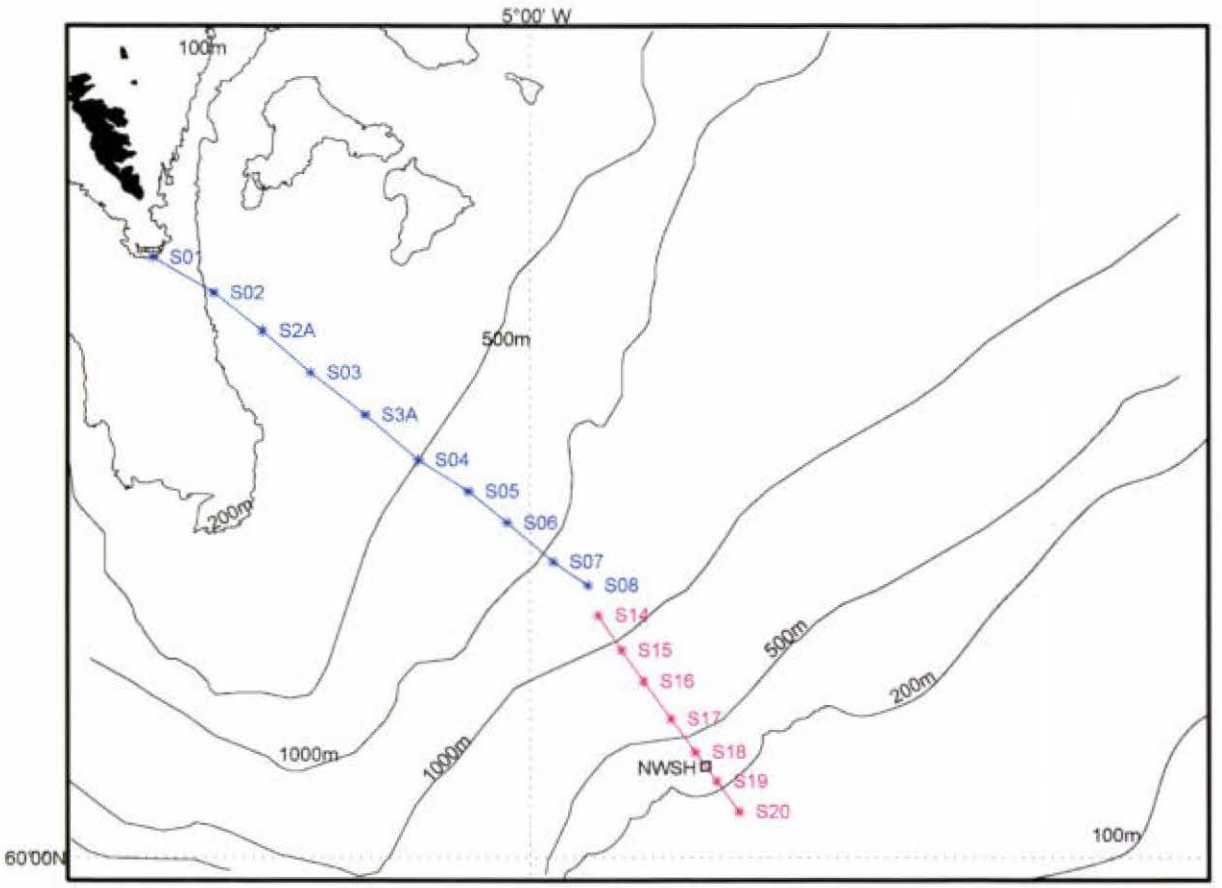

Chart2, showing the standard sections in Faroese waters (blue) and the new CTD and mooring section in British waters (magenta). Black square indicates ADCP mooring site NWSH.

Appendix 1.

The Marine Scotland Laboratory application form (including extra sheet) for mooring deployments in April 2014.

marinescotland

T:+44 (0)1224 295579 F: +44 (0)1224 295524
E: MS.MarineLicensing@scotland.gsi.gov.uk

The Scottish Government

Marine Benthic Sampling and Instrument Deployment Projects in the Territorial Sea and UK Controlled Waters Adjacent to Scotland

Marine (Scotland) Act 2010

Marine and Coastal Access Act 2009

IMPORTANT: Before completing this form, please read these notes carefully.

The following numbered paragraphs correspond to the questions on the application form and are intended to assist applicants in completing the form. These explanatory notes are specific to this application and so applicants are advised to read these in conjunction with the General Guidance document. If further clarification is needed please contact Marine Scotland Licensing Operations Team (MS-LOT) on 01224 295579 or email:

MS.MarineLicensing@scotland.gsi.gov.uk

Please refer to the General Guidance for information regarding payment methods.

NOTE: Should sediment removal and/or instrument deployments be part of a wider research project involving geophysical surveys, a completed Notification of Site Survey form must also be submitted to Marine Scotland Licensing Operations Team to establish any requirement for an European Protected Species licence.

Explanatory Notes

1. Applicant

The person, company or organisation making the application that will be named as the licensee on any licence issued.

2. Agent

Any person, company or organisation acting under contract (or other agreement) on behalf of any party listed in the answer to question 1, and having responsibility for the control, management or physical removal or deposit of materials anywhere below the tidal limit of the mean high water springs (MHWS) (e.g. a consultancy company submitting the application or a contractor who will be carrying out the works.)

3. Duration

Provide details of the proposed commencement and completion dates of the research. The start date will not normally be backdated, except in exceptional circumstances, since to commence a works for which a licence has not been obtained may constitute an offence resulting in appropriate legal action. A licence is normally valid for 1 calendar year or the duration of the project (whichever is longer). After this period, it will be necessary for licence holders to re-apply for a further licence to continue any ongoing work. Although Marine Scotland Licensing Operations Team (MS-LOT) will aim to write to licence holders one month before the expiry date of a licence, it is the licensee's responsibility to apply for any further licences or an extension prior to the expiry of the initial licence.

4. Cost of the Proposed Project

This estimate should only cover work taking place below the tidal level of MHWS and should take into consideration the cost of materials, labour fees etc.

5. Type of Application

If applying for a renewal or amendment please enclose a copy of the original consent with this application or provide the consent reference number, and provide details of the amendments to be made to the consent.

6. Type of Research

Best describe the type of work proposed. Where the project involves a number of elements, please complete all appropriate boxes.

7. Research Method Statement

For benthic surveys/sediment removal, give an estimate of the number of grabs/cores/trial pits to be undertaken. This is only to give MS-LOT an indication of the scale of the survey and will not be detailed on the licence.

For deployment of equipment, include the period of time it will be in place, it's purpose and expected position (e.g. sea bed or water column).

If appropriate, proposed measures to ensure the marine environment is adequately safeguarded during the survey should also be described (i.e. mitigation measures), as should those taken to minimise any interference with other uses of the sea or foreshore.

In the event that MS-LOT must undertake a wider consultation on your application this description may be used as a basis for informing other bodies as to the nature of the proposed work.

8. Details of Equipment

Depending on the type of research being undertaken, please include the details below:

Research involving towed equipment:
- No of cables
- Length of towed equipment, including tail-buoys (m)
- Width of towed equipment (m)
- Depth of towed equipment (m)

Research involving deployment of buoys:
- Type
- Size

Research involving deposits on the sea bed:
- Description
- Number of items being deposited
- Dimensions
- Whether they will be permanent or temporary deposits

Research involving sediment removal:
- Type of grab/coring equipment
- Whether any drilling fluids/mud are required
- Name and expected quantities of the fluids to be used

9. Location

Include a list of the National Grid References (NGR) or latitude and longitude co-ordinates of the boundary points of the proposed project. In a few cases it may only be practicable to supply NGR or latitude and longitude co-ordinates for the start and end points.

NGR: Should consist of two letters followed by 10 digits (e.g. TL6320031700) where the first 5 digits are the eastings (read from the south west corner of an Ordnance Survey map) and the last 5 digits are northings.

Latitude & longitude: For positions read from charts of 1:25,000 scale or smaller, the format should be, e.g. 5555.55'N 222.22'W. The decimal point specifies that decimals of minutes are used and the datum is stated explicitly. If seconds are used then the datum should be explicitly marked, e.g. 55°55'44"N 2°22'11"W. For positions read from larger scale charts, e.g. 1:10,000, three decimal places of minutes should be used, e.g. 55°55.444'N 2°22.222'W.

It is important that the correct positions are included with this application, as any errors may result in the application being refused or delayed.

To supplement the information given in section 8, the following must be provided with the completed application form:

- a suitably scaled extract of an Ordnance Survey Map (1:2,500 scale but not more than 1:10,000) or Admiralty Chart which should be marked to indicate:
    - the full extent of the works in relation to the surrounding area;
    - any adjacent Special Area of Conservation (SAC), Special Protection Area (SPA), Site of Special Scientific Interest (SSSI), Ramsar or similar conservation area boundary.

These drawings/plans may be copied to others as part of the MS-LOT consultation process. If they are subject to copyright, **it is the responsibility of the applicant to obtain necessary approvals to reproduce the**

documents and to submit suitably annotated copies with the application.

10. Details of Vessels

The table must be completed as the information contained within it is important in the decision making process. Please note a licence cannot be issued without these details.

11. Marine Mammal Observer(s)

This section will not be applicable to all surveys.

12. Passive Acoustic Monitoring

This section will not be applicable to all surveys.

13. Consultation

Indicate all contacts made and whether any bodies require to issue a consent for the works.

Consenting Authorities have a duty to ensure marine projects will not have a significant adverse environmental impact, particularly upon designated conservation areas (e.g. SSSI, SAC, SPA, Ramsar sites etc). All details of consultations with conservation bodies (e.g. SNH) should be given, and if appropriate, copies of any correspondence should be submitted with your application.

Similarly, Consenting Authorities also have a duty to ensure marine projects will not have a significant adverse impact on historical monuments and protected wrecks. All details of consultations with Historic Scotland should be given, and if appropriate, copies of any correspondence should be submitted with your application.
For surveys involving sediment removal, it should be investigated as to whether any sites in the locality are designated bathing water sites and if so, ideally all physical works should be done outwith the Bathing Water Season (1st June to 15th September). Further guidance on the Bathing Waters Directive (2006/7/EC) can be obtained from www.sepa.org.uk/data/bathingwaters.

In addition, guidance can be obtained from www.foodstandards.gov.uk/ with regards to the Shellfish Waters Directive (2006/113/EC) which has parameters set to protect the water quality in which edible shellfish are grown.

14. Designated Wrecks and/or Conservation Areas

Indicate whether the proposed project is located within or close to the boundaries of a conservation area such as a SAC, SPA, SSSI or Ramsar site etc.

15. Environmental Assessment

Under the Marine Works (EIA) Regulations 2007, there may be a requirement for certain projects to undergo an Environmental Impact Assessment (EIA) and produce an Environmental Statement (ES). If an EIA/ES is deemed necessary, MS-LOT cannot issue a marine Licence until the outcome of the EIA/ES has been determined. Please indicate whether any EIA has been carried out in respect of the proposed project, either under your own powers or as required by another authority. If such an assessment has been undertaken, please indicate if a copy has been provided with your application. If the statement/assessment has been completed but is not available, please provide an explanation in the space provided.

Other Considerations

Applicants should also be aware of the need to pay due regard to coastal and marine archaeological matters and attention is drawn to Historic Scotland's Operational Policy Paper HP6, "Conserving the Underwater Heritage".

Additionally, the details of any surveys involving trawling should be provided to one of the following contacts at least 14 days before the proposed start date:

Norman Preston or Gillian D Smith

Fisheries Division
Area 1B South
Victoria Quay
Edinburgh
EH6 6QQ

Telephone: 0131 244 6188 / 6466

E-mail: norman.preston@scotland.gsi.gov.uk or gillian.d.smith@scotland.gsi.gov.uk

Please ensure that you have:

- completed **all** applicable sections of the application form;
- signed and dated the declaration;
- provided the correct relevant documents, charts, and continuation sheets (where necessary); and
- enclosed the correct payment (together with the remittance slip) or paid by means of BACS (if appropriate).

Otherwise your application may be delayed or returned to you.

Marine Benthic Sampling and Instrument Deployment Projects in the Territorial Sea and UK Controlled Waters Adjacent to Scotland

Marine (Scotland) Act 2010

Marine and Coastal Access Act 2009

It is the responsibility of the applicant to obtain any other consents or authorisations that may be required.

Under Part 4, Section 54 of the Marine (Scotland) Act 2010 and Section 101 of the Marine and Coastal Access Act 2009 all information contained within or provided in support of this application will be placed on the Public Register. There is no national security grounds for application information not going on the Register under the 2010 Act. Under the 2009 Act, application information goes on the Register unless the Secretary of State determines that it's disclosure in the Register would be contrary to the interests of national security.

Public Register

Is there any information contained within or provided in support of this application that you consider should not be included on the Public Register on the grounds that its disclosure

(a) would be contrary to the interests of national security; or YES ☐ NO ■

(b) would adversely affect the confidentiality of commercial or industrial information where such confidentiality is provided by law to protect a legitimate commercial interest? YES ☐ NO ■

If **YES**, to either (a) or (b), please provide full justification as to why all or part of the information you have provided should be withheld.

Marine Laboratory, PO Box 101, 375 Victoria Road,
Aberdeen AB11 9DB
www.scotland.gov.uk/marinescotland

1. Applicant Details

Title: Mr | Initials: MW | Surname: Geldart

Trading Title (if appropriate):

Address: Scottish Government | Marine Laboratory | PO Box 101 | 375 Victoria Road | Aberdeen AB11 9DB

Name of contact (if different):

Position within Company (if appropriate): Oceanographic Engineer

Telephone No. (inc. dialing code): 01224 295599 | Fax No. (inc. dialing code): 01224 295599

Company Registration No.: | Email: geldartm@marlab.ac.uk

2. Agent Details (if any)

Title: | Initials: | Surname:

Trading Title (if appropriate):

Address:

Name of contact (if different):

Position within Company (if appropriate):

Telephone No. (inc. dialing code): | Fax No. (inc. dialing code):

Company Registration No.: | Email:

3. Duration of Project

Start date: May 2014 | Expected completion date: June 2015

4. Cost of the Proposed Project

Estimated gross cost of the works proposed seawards of the tidal limit of MHWS

5. Application Type

Is this a new application or a renewal/amendment of an existing consent? (please tick)

☐ New application ☒ Renewal/Amendment

6. Type of Research

Instrument Deployments

Scientific Buoys (e.g. waveriders; wave powered)	☑
Marker Buoys	☐
Profiling instruments (e.g. ACDPS)	☐
Remotely Operated Vehicle (ROV)	☐
Other (please specify)	☐

Benthic Sampling/Sediment Removal

Mechanical bucket or shovel	☐
Grabbing - surface sediments	☐
Coring - to depths of one meter	☐
Coring - depths of 3 meters or more	☐
Boreholes	☐
Trial Pits	☐
Other (please specify)	☐

7. Research Method Statement

Provide a description of the work to be undertaken (see guidance notes)

This is a current flow and wave direction survey

Up to six moorings are expected to be deployed in order to ascertain current flow and wave speed and direction in the Faroe Shetland Channel.

Instrumentation:

All moorings will each consist of one Teledyne Acoustic Doppler Current Profiler

NWSD to be floataionally suspended at 100 metres from sea bed.
NWSG to be floataionally suspended at 350 metres from sea bed.
NWSJ to be floataionally suspended at 300 metres from sea bed.
NWSE, NWSH and NWSF to be housed in Trawl Resistant Bottom Mounts

8. Details of Equipment

The Teledyne Acoustic Doppler Current Profiler is an acoustic current profiling meter designed for scientific study of current flow.

NWSJ, NWSG and NWSD moorings will also consist of an IXSEA acoustic release, and a 40 inch FloTec housing.

NWSE, NWSH and NWSF to be housed in FloTec Trawl Resistant Bottom Mounts

See diagrams.

9. Location

Areas	Name of Area	Co-ordinates	Approx. Survey Area (km^2)	Distance from Nearest Coastline
A	Faroe Shetland Channel	60.133°N 004.144° W		>12 Miles
B	Faroe Shetland Channel	60.419°N 004.566°W		>12 Miles
C	Faroe Shetland Channel	60.343° N 004.454° W		>12 Miles
D	Faroe Shetland Channel	60.260° N 004.330° W		>12 Miles
E	Faroe Shetland Channel	60.475° N 004.645° E		>12 Miles

If necessary please continue on a separate sheet and tick this box ■

10. Details of Vessel(s)

No of vessels involved:	1
Name:	MRV Scotia (RV Magnus Heinasson to deploy NWSH)
Type of Vessel:	Research
Operator Name & Address	Marine Scotland Compliance (RV Magnus Heinasson - Faroe Marine Research Institute Nóatún 3, 100 Tórshavn, Faroe Islands)
Vessel Role (e.g. source, guard, fisheries liaison)	Research
Will the vessel be stationery for extended periods of time? (If yes, indicate how approximately how long for.)	
Will Dynamic Global Positioning System (DGPS) be used?	Yes
Does the vessel have cowled/ducted propellers?	

If necessary please continue on a separate sheet and tick this box ☐

11. Marine Mammal Observer(s)

Will Marine Mammal Observer(s) be present during the survey work? YES ☐ NO ■
If **YES**, how many will there be and which organisation will provide them?

12. Passive Acoustic Monitoring

Has Passive Acoustic Monitoring (PAM) been arranged? YES ☐ NO ■
If **YES**, which organisation will provide the PAM?

13. Consultation

Interested Parties/Regulators	Contacted?	Consent Required?	Reference No.
Nature Conservation Bodies	No	No	
Historic Scotland	No	No	
Land Owner (e.g. The Crown Estate)	No	Yes	
Local Port or Harbour Authority	No	No	
Fishing Organisations	No	No	
Scottish Environment Protection Agency (SEPA)	No	Yes	
Local Planning Authority (LPA)	No	No	
Others	No	Yes	

If discussions with conservation bodies (either nature or historic) have been undertaken, provide details below:

If discussions with fisheries organisations have been undertaken, has a Fisheries Liaison Officer been arranged? YES ☐ NO ■

If **YES**, how many will there be and which organisation will provide them?

14. Designated Wrecks and/or Conservation Areas

Are any parts of the proposed survey located within the boundaries of a designated area?

YES ☐ NO ■

If yes, please specify the type of designation, identify the specific site(s) and indicate approximate distance of the survey from the boundary of the nearest area(s)

15. Environmental Assessment

Has an Environmental Impact Assessment (EIA)/Environmental Statement (ES) been undertaken to support any application in respect of the project, your own statutory powers (if applicable) or any other reason?

YES ☐ NO ■

If **YES**, is a copy of the EIA/ES included with this application? YES ☐ NO ☐

If the EIA/ES has been undertaken but has not been included with this application, please provide an explanation below.

Declaration

I declare to the best of my knowledge and belief that the information given in this form and related papers is true.

WARNING

It is an offence under the Act under which this application is made to fail to disclose information or to provide false or misleading information.

Signature		Date	25/03/14
Name in BLOCK LETTERS	MATTHEW WILLIAM GELDART		
Position within company (if appropriate)	Oceanographic Engineer		

Please check carefully the information you have given and that all the enclosures (including copies) have been included.

Application Check List

• Completed, signed application form **x 1**	✓
• Project drawings **x 1** (or 7 paper copies if larger than A3 size and no electronic version is available)	✓
• Maps/Charts **x 1**	✓
• Additional information, e.g. photographs, Environmental Impact Assessment etc (if required) **x 1**	✓

Extra sheet for Question 9 Location

This mooring is in UK waters but it is intended that it will be deployed by the Faroese Research Vessel as detailed below.

Areas	Name of Area	Co-ordinates	Approx Survey Area (km^2)	Distance from Nearest Coastline
F	Faroe Shetland Channel	60.199° N 4.241° W		>12 Miles

(RV Magnus Heinasson - Faroe Marine Research InstituteNóatún 3, 100 Tórshavn, Faroe Islands)