

**APPLICATION FOR CONSENT TO CONDUCT MARINE  
SCIENTIFIC RESEARCH IN AREAS UNDER NATIONAL  
JURISDICTION OF ICELAND**

**Date:** 5.09.2007

***1. General Information***

- 1.1 Ship and cruise number:** Magnus Heinason Cruise 0774
- 1.2 Sponsoring institution:**  
**Name:** Fiskirannsóknarstovan  
**Address:** PO Box 3051, Nóatún, FO-110 Tórshavn  
Faroe Islands  
**Name of director:** Stein Hjalti í Jákupsstovu
- 1.3 Scientist in charge of project:**  
**Name:** Bogi Hansen  
**Address:** Fiskirannsóknarstovan  
PO Box 3051, Nóatún  
FO-110 Tórshavn  
Faroe Islands  
**Telephone:** +298 353900  
**Telefax:** +298 353901
- 1.4 Scientist from Iceland with knowledge of the project:**  
**Name:** Héðinn Valdimarsson  
**Address:** Hafrannsóknarstofnun  
P.O.Box 1390, Skúlagata 4  
121 Reykjavík, Iceland
- 1.5 Submitting officer:**  
**Name:** Bogi Hansen  
**Address:** Fiskirannsóknarstovan  
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:**

Recover an Acoustic Doppler Current Profiler (ADCP) in a trawl-proof, bottom-mounted mooring at position 63°57.91'N, 13°31.07'W, bottom depth 601 m, which was deployed by FS Poseidon on the 1<sup>st</sup> September 2005. This deployment was part of the ASOF-MOEN project, which included Icelandic participation. German and Icelandic research vessels have tried to recover this mooring but, due to vessel malfunction and bad weather conditions, this has not been successful. The planned attempt by R/V Magnus Heinason is to ensure recovery before the operating period of the instrumentation runs out. If conditions allow, a pre-recovery CTD profile will be acquired.

### **2.2 Relevant previous or future research cruises:**

None

### **2.3 Previously published research data relating to the project:**

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.

### **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:** Fiskirannsóknarstovan  
**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:** 1

#### **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
Mooring recovery	Acoustic release	Oceano command unit

#### **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):

Recovery of ADCP mooring at position 63°57.91'N, 13°31.07'W, depth 601 m, deployed by FS Poseidon on 1<sup>st</sup> September 2005.

#### ***5. Geographical Areas***

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

63°57.91'N, 13°31.07'W

- 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.**

Attached

#### ***6. Dates***

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

Depending on the weather conditions, the ship will enter Icelandic waters, recover the mooring, and depart some time in the period:

Entry: 03.10.2007

Exit: 08.10.2007

- 6.2**     **Indicate if multiple entry is expected:**

No

## ***7. Port Calls***

### **7.1 Dates and names of intended ports of call in Iceland:**

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 Iceland will be enabled to participate or to be represented in the research project:**

Observers are welcome aboard and Icelandic researchers (Héðinn Valdimarsson and Steingrímur Jónsson) are part of the project

### **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 Iceland 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 Iceland to data and samples:**

By cruise report

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

By individual communication

**9.4 Proposed means of making research results internationally available:**

In published journals.

### 10. Scientific Equipment

Coastal State Iceland

Port Call No

Indicate "Yes" or "No"

Dates N/A

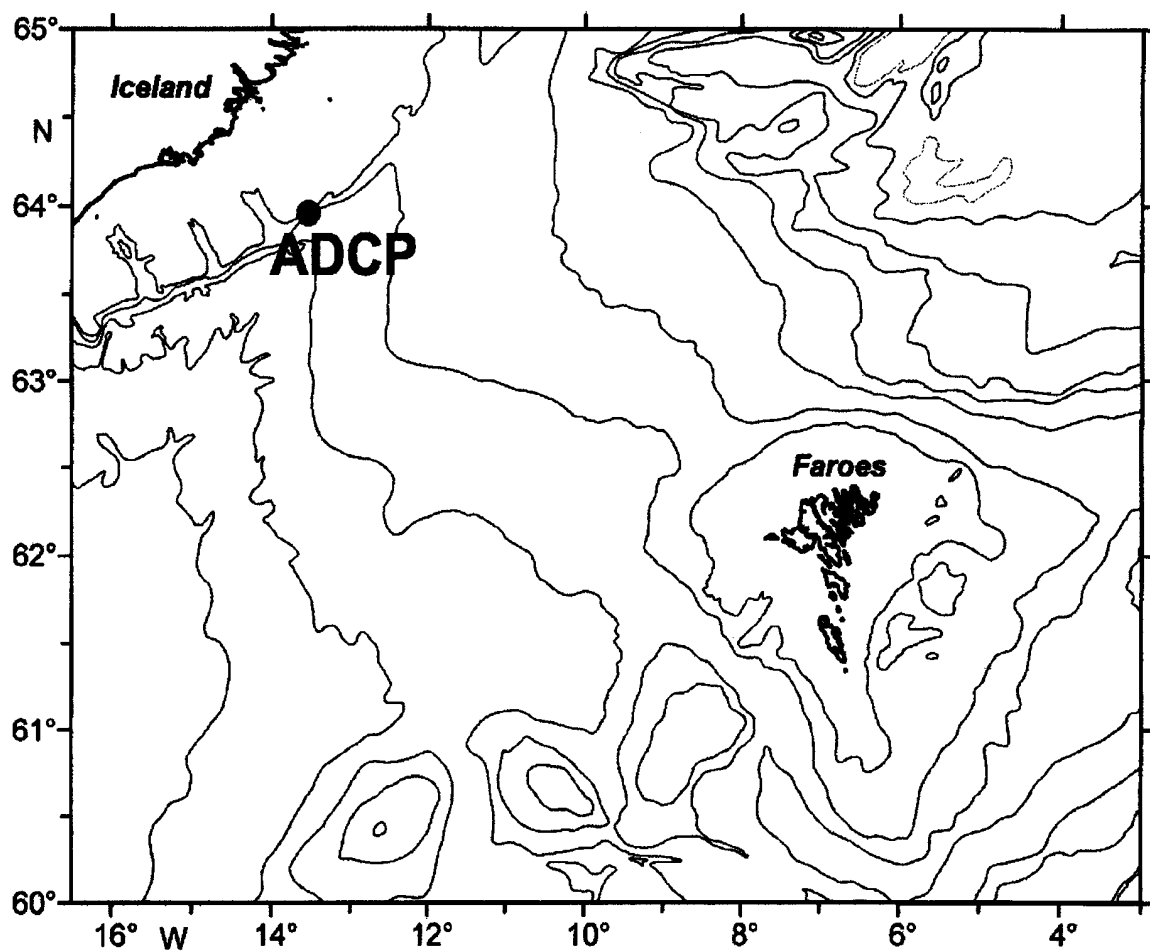
<u>LIST SCIENTIFIC WORK BY FUNCTION</u> eg: magnetometry, gravity, diving, seismics, bathymetry, sea bed sampling, trawling, echo sounding, water sampling, u/w TV, moored instruments, towed instru- ments	Water column includ- ing sediment sampling of the sea bed	Fisheries research within fishing limits	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
Mooring recovery	Yes	No	No	No	Yes	No

Bogi Hansen



Dated 5. September 2007

**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**



Chart, showing the mooring to be recovered.



# ErhvervsEjend

Tirsdag den 11. september 2007

## Noter

### Højhus ved Himmelbjerget

Malmø har "Turning Torso", og Århus får snart tårnet "Lighthouse" på 142 meter. Nu får Ry også sit eget højhus "Harlekin", der bliver på 14 etager placeret tæt ved Himmelbjerget og Silkeborgsøerne. Højhuset bygges som var-tegn for Rys nye bydel Kilde-

bjerg Ry. De øverste 10 etager af den 50 meter høje bygning bliver med 20-25 ejerlejligheder, der alle får udsigt over Himmelbjerg-egnen, mens de nederste fire etager bliver forbeholdt erhverv. Huset tegnes af Arkitekthuset i Silkeborg.



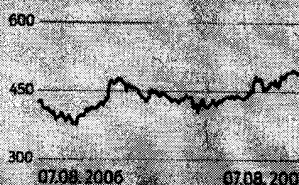
### Fem rådhus til salg

Det bliver ejendomsmæglerkoncernen Colliers Hans Vestergaard, der kommer til at stå for salget af de fem tidligere rådhus i den nye stor-kommune i Viborg. Det drejer sig om rådhusene i de tidligere kommuner Bjerringbro, Fjends, Karup, Møldrup og Tjele, som mæglerfirmaet nu skal formidle til interesserede købere. Colliers Hans Vestergaard vandt opgaven efter en EU-udbudsrunde. Den samlede ejendomsvurdering for de fem rådhusbygninger udgør i alt lidt over 70 mio. kr.

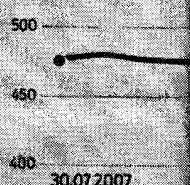
### Blåstempling af passivhus

Firmaet Harresø Huse i Givskud kan nu se frem til at blive blåstemplet af det tyske institut for passivhuse. Det er firmaets energirigtige passivhus, der har fået løfte om certificering, oplyser salgsschef Karl Andreassen. Det er hidtil kun lykkedes for fire andre virksomheder i verden. Meget forenklet så bruger et passivhus ifølge byggefirmaet højst halvdelen af den energi, som forbruges i et lavenergihus og dermed en fjerdedel af energiforbruget i et traditionelt hus.

seneste år Kursudvikling på danske ejendomsselskaber (CX4040)



seneste uge Kursudvikling på danske ejendomsselskaber



DESIGN  
af nogle

## Bro-bygger

AF NIELS HJØLAND

Kun fantasien sætter grænser, når det danske arkitektfirma Dissing +Weitling udformer og designer brobyggeri rundt omkring på kloden. De danske arkitekter har specialiseret sig i at skabe broer, der udover at tjene som vitale trafikforbindelser over strømfyldt farvande og dybe kløfter også skal fremstå som kunstværker, der kan ses som nationale var-tegn for de stater eller byer, hvor broerne opføres.

Senest har Dissing +Weitling fået til opgave at tegne to broer i den rige olie-stat Qatar. Broerne skal forbinde en helt ny bydel med navnet Lusail, der rejser sig på fem kunstige øer med etaku-