

NOTIFICATION OF PROPOSED RESEARCH CRUISE

GENERAL Part A

1. Name of research ship Dana Cruise No: 09-2013
2. Dates of sailing From 2013-09-30 To 2013-10-20
3. Operating Authority DTU-Aqua
Charlottenlund Castle
DK-2920 Charlottenlund
4. Owner (if different) Telephone: +35 88 33 00 Fax: +45 35 88 33 33 E-Mail: aqua@aqua.dtu.dk
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5. Particulars of ship: Name : Dana
Nationality : Danish
Overall length : 78 meters
Maximum draught : 5.7 meters
Bto tonnage : 2483
Call sign : OXHB
6. Crew Name of Master : Jesper B Rasmussen (jbra@aqua.dtu.dk)
No of Crew 12-18
7. Scientific Personnel Name and address of Scientist in charge:

Niklas Larson
Institute of Marine Research
SLU-Aqua
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Tel. +46 10 478 4033
Telefax +46 523 13977
Mobile: +46703034773
Email: niklas.larson@slu.se

No of Scientists 10
8. Geographical area in which ship will operate (with reference in latitude and longitude).

Baltic Sea, see example map
9. Brief description of purpose of cruise.

*International hydroacoustic survey (BIAS) on
Herring and sprat in the Baltic Sea*
10. Dates and names of intended ports of call.
No ports of call intended
11. Any special logistic requirement at ports of call
No

NOTIFICATION OF PROPOSED RESEARCH CRUISE

DETAIL

Part B

1. Name of research ship Dana Cruise No
2. Dates of sailing From 2013-09-30 To 2013-10-20
3. Purpose of research and general methods

Hydroacoustic survey on Baltic herring and sprat including trawling with pelagic trawl and hydrographic sampling, it's annual and a mandatory part of the Data Collection Framework as stipulated by the European Council and the Commission (Council Regulation (EC) No 199/2008 see also the Commission DCF web page)

4. Attach chart showing (on an appropriate scale) the geographical area of the intended work, positions of intended stations, tracks of surveys lines, positions of moored/seabed equipment.

Example map enclosed

5. Types of samples required, e g Geological/Water/Plankton/Fish/Radioactivity/Isotope.

Fish, water and plankton

and methods by which samples will be obtained (including dredging/coring/drilling).

Pelagic trawls, scientific echosounder, WP2-nets, water bottles, and CTD-sond

6. Details of moored equipment:

Dates

<u>Laying</u>	<u>Recovery</u>	<u>Description</u>	<u>Latitude</u>	<u>Longitude</u>
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7. Explosives: **N I L**

- (a) Type and Trade Name
- (b) Chemical content
- (c) Depth of Trade class and stowage
- (d) Size
- (e) Depth of detonation
- (f) Frequency of detonation
- (g) Position in latitude and longitude
- (h) Dates of detonation

8. Detail and reference of

- (a) Any relevant previous/future cruises

Regular Joint International survey in the area concerned within the framework of ICES, R/V Argos has carried out similar acoustic surveys in 1994-2010 in ICES Sub-divisions 27, 30 and parts of Sub-divisions 24, 25, 26, 28, 29.

- (b) Any previously published research data relating to the proposed cruise. (Attach separate sheet if necessary.)

Numerous Working Group reports published by the ICES.

9. Names and addresses of scientists of the coastal state in whose waters the proposed cruise takes place with whom previous contact has been made.

*Tiit Raid, Estonian Marine Institute, 18 b Viljandi Rd, Tallinn, EE-11216, ESTONIA
(tele; +372-62 81 602, Fax, +372-62 81 563)*

10. State:

- (a) Whether visits to the ship in port by scientists of the coastal state concerned will be acceptable.

Yes

- (b) Whether it will be acceptable to carry on board an observer from the coastal state for any part of the cruise and dates and ports of embarkation/disembarkation.

Generally yes, however, accomodation is probably not available.

- (c) When research data from intended cruise is likely to be made available to the coastal state and if so by what means.

Data reported to ICES' Working Groups.

SCIENTIFIC EQUIPMENT

11. Complete the following table - Separate copy for each coastal state
(Indicate "Yes" or "No")

List of all major Marine Scientific equipment it is proposed to use and indicate waters in which it will be deployed Limits	Fisheries Research within Fishing Limits	Research concerning Continental Shelf out to coastal state's margin	Distance from coast			
			Within 4 NM	Between 4-12 NM	Between 12-50 NM	Between 50-200 NM
Scientific echo sounder	Yes	No	No	No	Yes	Yes
Trawl	Yes	No	No	No	Yes	Yes
Water sampling equipment	Yes	No	No	No	Yes	Yes
CTD-sond	Yes	No	No	No	Yes	Yes
MIK (fish larvae trawl)	Yes	No	No	No	Yes	Yes
Bongo (egg larvae net)	Yes	No	No	No	Yes	Yes

Nina Holm

Dated: 02.07.2013

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On behalf of the Principal Scientist

TRACK CHART

Country: Sweden

