

## NOTIFICATION OF PROPOSED RESEARCH CRUISE

PART A: GENERAL

1. NAME OF RESEARCH SHIP: Kings Bay      CRUISE NO. 2018 826
  
2. DATES OF CRUISE      From: 04. July 2018      To: 08. August 2018
  
3. OPERATING AUTHORITY:  
Institute of Marine Research  
P.O. Box 1870 Nordnes  
N-5024 BERGEN, NORWAY
  
- TELEPHONE: 47-55238500  
    TELEFAX: 47-55238531  
    TELEX: 42297 OCEAN N
  
4. OWNER  
(if different from no. 3)
  
5. PARTICULARS OF SHIP:  
Name: M/V "Kings Bay"  
Nationality: Norwegian  
Overall length: 77.5 m  
Maximum draught: 9.0 m  
Net tonnage: NT = 871 (GT = 2906)  
Propulsion: Diesel, Mak 8M32C  
Call sign: LCNN  
Registration port and number: Leinøy, Norway IMO 9617985  
(if registered fishing vessel)
  
6. CREW  
Name of master: Bjørn Savik  
Number of crew: 9



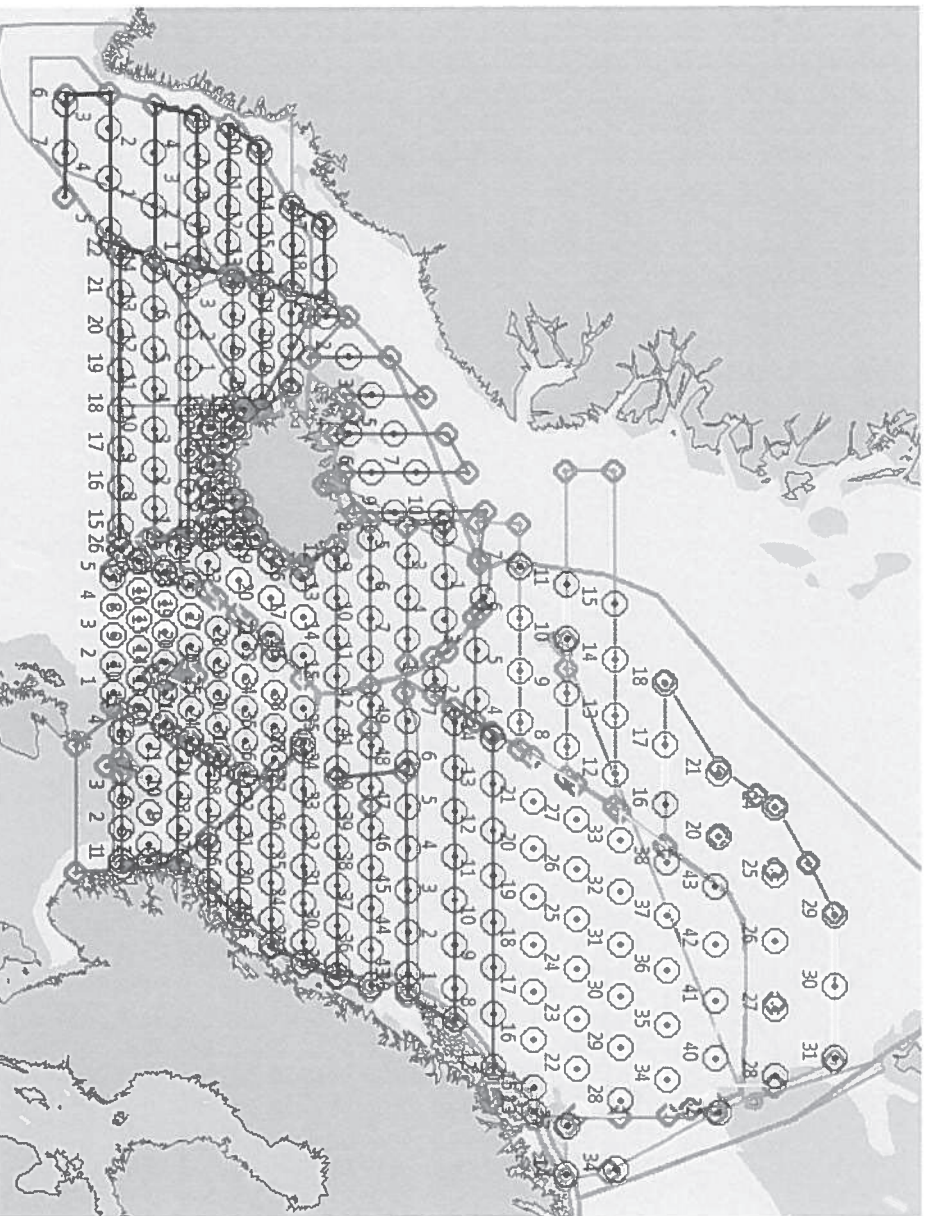
hydrography, zooplankton and top predators.

b) GENERAL OPERATIONAL METHODS (including full description of any fish gear, trawl type, mesh size, etc.)

During the cruise the following operations will be made:

1. Pelagic trawling 0-35 m with Multipelt 832 pelagic trawl for mackerel, blue whiting, herring and salmon. There will be about 70 trawl stations for each of the two chartered fishing vessels during the survey based on both predetermined stations and opportunistic trawling in deeper waters for blue whiting and herring based on acoustic registrations.
2. Conductivity-Temperature-Depth (CTD) measurements using a SBE 911+ system on a water sampler (SBE32 Carousel) rosette equipped with 12 bottles and SAIV CTD measurements. In total 50-60 CTD casts are planned in the area.
3. WP2 net casts for zooplankton sampling. Stipulated 70 zooplankton samples from 0-200 m for each vessel.
4. Marine mammal sightings from the bridge during daylight hours.

4. ATTACH CHART showing (on an appropriate scale) the geographical area of intended work, positions of intended stations, tracks of survey lines, positions of moored/seabed equipment, areas to be fished.



**Figure 1.** Preliminary surface stations (open black circles) and transects (green, yellow and blue = Norway with 2 vessels (Kings Bay and Vendla), torquoise = Faroe Islands, red = Iceland, black = Greenland) for IESSNS in July-August 2018.







List scientific work by function						
e.g. Magnetometry Gravity Diving Seismics Seabed sampling Bathymetry Trawling Echo sounding Water sampling U/W TV Moored instr. Towed instr.	Water column including sediment sampling of the seabed	Fisheries research within fishing limits	Research concerning the natural resources of the continental shelf or its physical characteristics	Within 0-4 nm	Between 4-12 nm	Between 12-200 nm
Echo sounding	0-200m	No	No	No	No	Yes
Water sampling	0-500 m	No	No	No	No	Yes
Moored Instrument	n.a.	No	No	No	No	Yes

Date: 15.02.2018

*Geoff Matthews*

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.