

**NOTIFICATION OF PROPOSED RESEARCH CRUISE**

**1. PART B: DETAILS**

1. NAME OF RESEARCH SHIP R/B Norppa CRUISE NO. 2008-02

2. DATES OF CRUISE From 2008-06-01 To 2008-11-30

3. a) PURPOSE OF RESEARCH

1. EU FP6 project HERMES. Interaction between cold-water coral reefs and passing water bodies
2. Education and Training for graduate students at TMBL
3. Project in collaboration with Statoil in HERMES: Effects of particulate matter and sedimentation on cold-water coral ecosystems

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

Camera-transsects for studies on quality and quantity of benthic fauna. Studies will only be conducted in areas selected from bathymetric conditions. Camera-aided deployment of recording instruments. The following types of equipment will be used:

Hummingbird Echosounder with GPS

Olex navigational system

Mini-ROV Camera type GNOM (max depth 200 m)

Aanderaa RCM 9 Recording instrument (salinity, temperature, current, turbidity) and Aanderaa ADCP 600 (recording profiling current meter)

Llist particle sizer

Particle traps

Time-lapse cameras

Particle-Cameras

Small Water sampler

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 sampled are within this area

Polygon, with limitations given below

59° 03',90 N, 10° 49',45 E; 59° 03',90 N, 11° 08',76 E;

58° 57',10 N, 10° 49',45 E; 58° 57',10 N, 11° 04',90 E

