



5. a) TYPES OF SAMPLES REQUIRED (e.g., geological/water/plankton/fish/radionuclide)
 During teaching, continuous measurement of passing water will be carried out. Only water samples will be taken.

b) METHODS OF OBTAINING SAMPLES (e.g., dredging/coring/drilling/fishing, etc.)
 During cruises sensors will be lowered into the water column on a winch cable (niskin bottles, flow profilers, CTDs).

6. DETAILS OF MOORED EQUIPMENT -None -

| <u>Dates Laying</u> | <u>Recovery</u> | <u>Description</u> | <u>Depth</u> | <u>Latitude</u> | <u>Longitude</u> |
|---------------------|-----------------|--------------------|--------------|-----------------|------------------|
|---------------------|-----------------|--------------------|--------------|-----------------|------------------|

7. ANY HAZARDOUS MATERIALS (chemicals/explosives/gases/radioactives, etc.)
 (Use separate sheet if necessary)

- None -

- Type and trade name
- Chemical content (and formula)
- IMO IMDG code (reference and UN no.)
- Quantity and method of storage on board
- If explosives give dates of detonation
 - Method of detonation
 - Position of detonation
 - Position of detonation
 - Frequency of detonation
 - Depth of detonation
 - Size of explosive charge in kg.

8. DETAIL AND REFERENCE OF

- Any relevant previous/future cruises
 Previous RV Norppa cruises as part of the HERMES and HERMIONE projects during 2009 – 2010.
- Any previously published research data relating to the proposed cruise