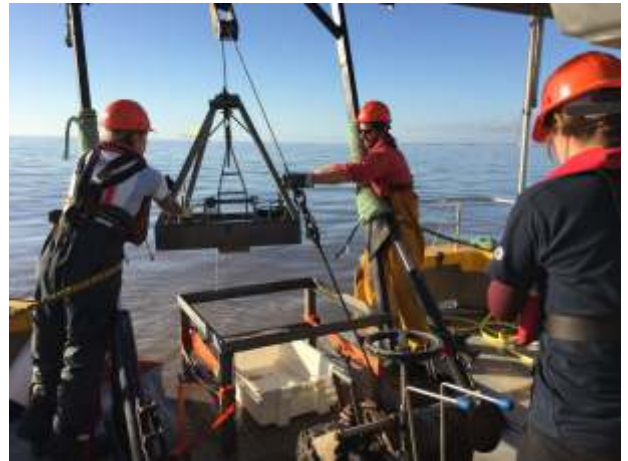
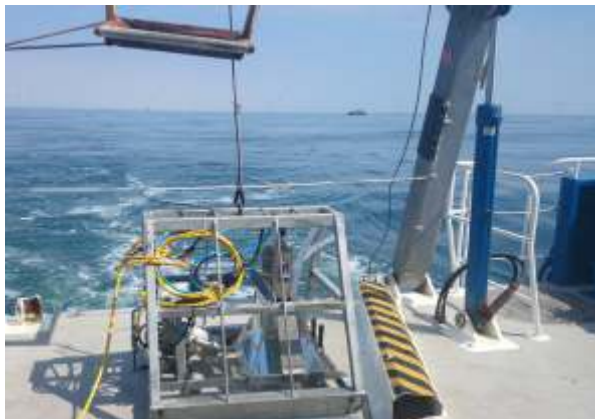


Marine Sediment Sampling Environmental Surveys



Titan Environmental Surveys Ltd. offer a team of highly skilled surveyors able to undertake benthic sampling or drop down video surveys, as required for marine construction projects.

Titan has conducted surveys mapping habitat boundaries of epifaunal species such as Maerl and Sabellaria Spinulosa listed under the Habitats Directive 92/43/EEC. We can also offer infaunal sampling and analysis from captured high quality still images and video. In addition to highly detailed interpretation of faunal and chemical laboratory analysis of sea bed samples collected.



Survey Equipment

- 0.1m2 Day Grab
- 0.1m2 Hamon Grab
- Kongsberg OE 14-208 digital stills freshwater drop camera
 - 5 megapixel sensor
 - Dedicated stills photo strobe lamp
 - Dedicated video illumination lamps
 - Remote trigger from deck
 - Live preview allowing high quality image capture
 - Digital video capture



Post Processing/Analysis

- Particle size distribution
- Sediment chemical analysis
- Heavy metal presence
- Identifying and enumerating marine fauna in our NMBACQ quality assured in-group laboratory
- Analysing and interpreting data using a variety of univariate, multivariate and GIS techniques
- Analysing and interpreting multi disciplinary data relating to the physical environment thus complementing the biological data interpretation