

UXO-survey: A multisensor approach

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During the winter of 2018 ADEDE performed a UXO (unexploded ordnance) survey of part of the harbour of Horten, Norway. Horten used to be the main base of operations for the Norwegian Navy and as such was a military target during World War II.

ADEDE opted to perform the survey using four distinct techniques:

- Magnetometry;
- Sidescan sonar;
- Electromagnetometry;
- And sub-bottom profiling.

The aim of the survey was to detect the presence of potential aerial bombs within the survey area. With this aim in mind ADEDE used the four datasets to obtain the maximum of information on the project area, and the potential UXO anomalies located therewithin.

Keywords: Magnetometry; Sidescan sonar; Electromagnetometry; Sub-bottom profiling; UXO; Anomalies; ADEDE; Horten