



# GEOPHYSICAL SURVEY



**MARINE SERVICES PROVIDER  
SINCE 2011.**

# GEOPHYSICAL SURVEY

Aalea provides geophysical survey services to support design, inspection and maintenance of marine structures, subsea installations and cables.

The company offers a wide and integrated range of services including site and route survey, pipeline inspection, cable route surveys, hydrography, environmental survey.

Site and route surveys provide detailed corridor mapping to identify obstacles and hazards. Pipeline and cable inspections are conducted using electromagnetic induction, acoustic, laser, HD video and photographic techniques to assess the integrity or clearly identify anomalies.

Hydrographic surveys are performed using Aalea's DP survey vessels or near shore survey boat, to acquire multibeam echosounder data and provide high accuracy results. Environmental surveys assess the impact of offshore activities on the environment.

Aalea deploys skilled survey teams with solid offshore experience and in-house engineering expertise to acquire data and provide interpretation.



## SOLUTIONS

- Desktop studies
- Offshore geophysical survey
- Nearshore geophysical survey
- Inshore shallow water survey
- Shallow geologic features profiling
- Geohazard survey
- Pre-Installation surveys
- Seismic survey
- Pipeline and cable route survey
- GIS and bid data management on cloud platform
- HD photogrammetry and laser scanning



## SERVICES

DP Vessels

Survey Vessels

Multibeam Echo  
Sounder (MBES)

Sub Bottom Profiler

Side scan Sonar

LIDAR

ASVs

AUVs

ROVs and ROV  
mounted sensors

Gradiometers

ROTVs