stema systems

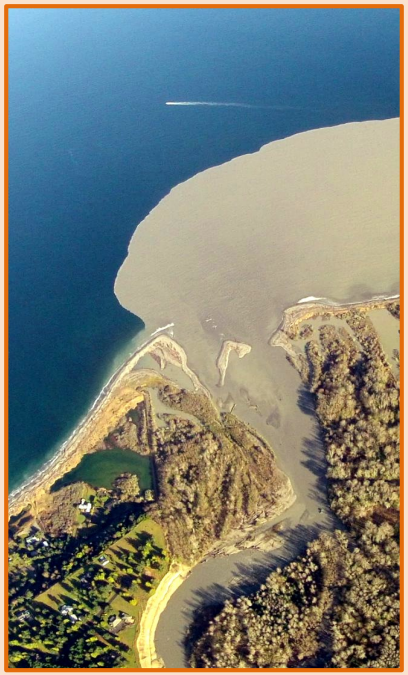
Offshore Energy 2019

Company overview

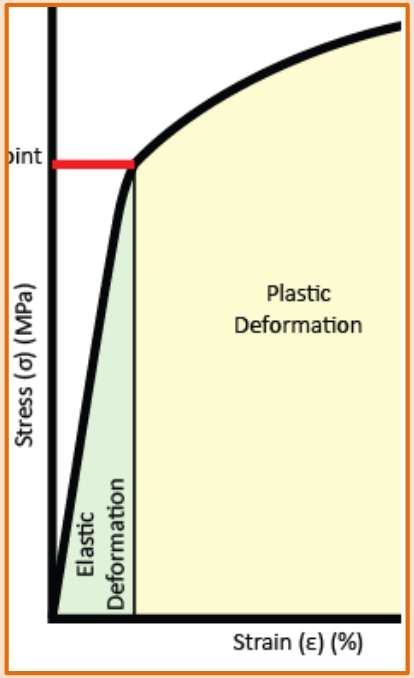
- Established in 1986, started as a survey company and gained hands-on experience and know-how
- Innovative solutions company that supplies
  - geophysical, hydrographical and oceanology-related measurement systems
  - related services such as training, installation, and support
- Office in Geldermalsen, the Netherlands
- A worldwide network

Products and services: RheoTune

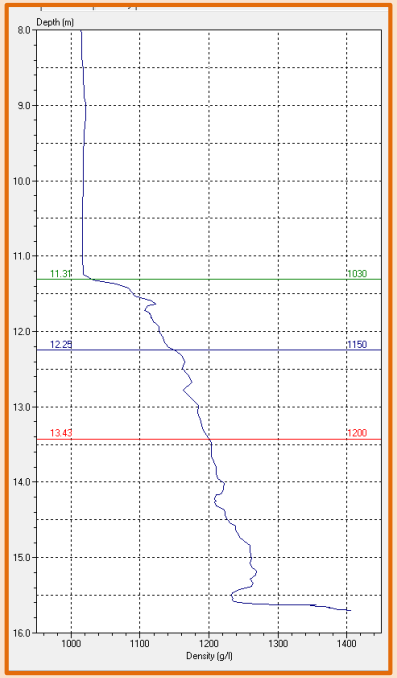
Fluid mud area



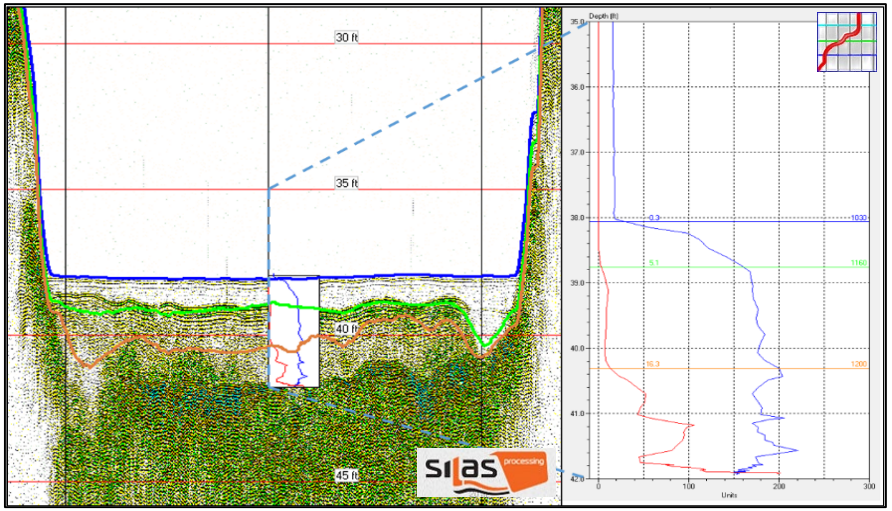
Nautical depth: density and yield stress

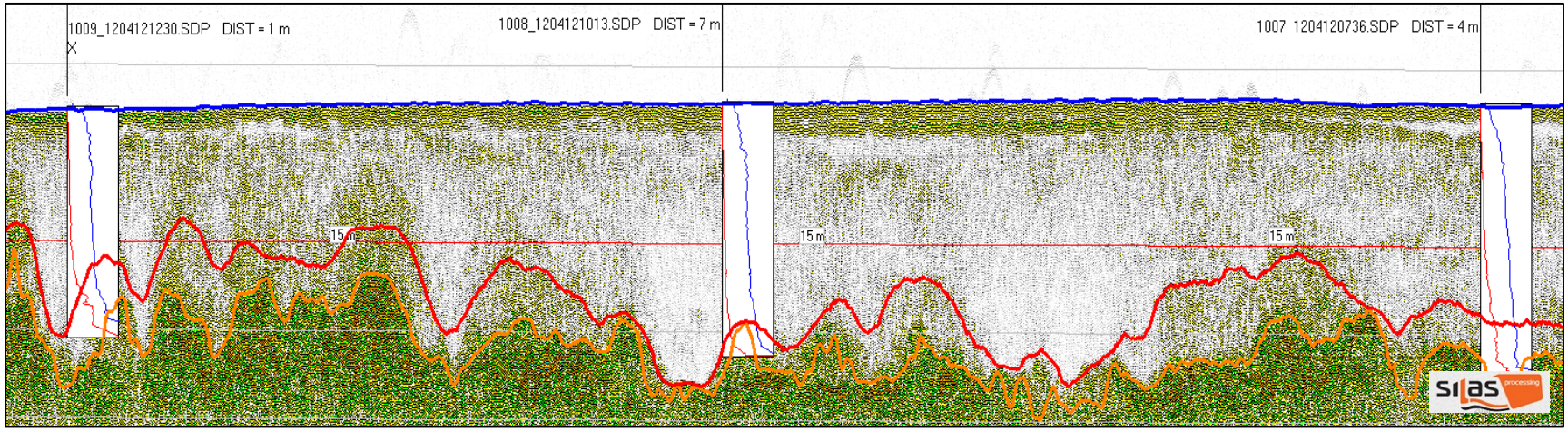


RheoTune and corresponding software: RheoSuite

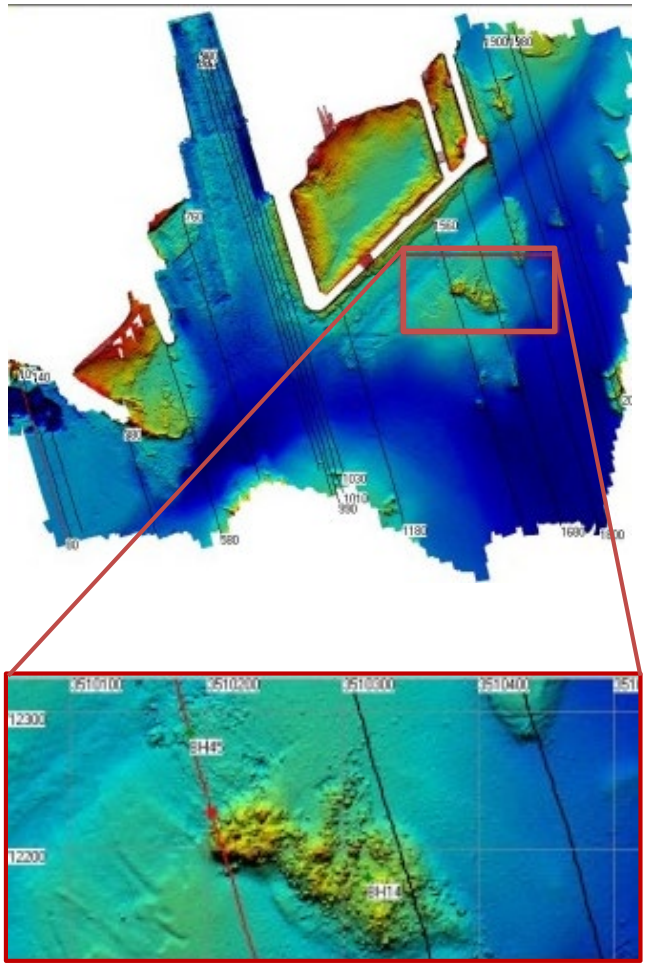


Our solutions: fluid mud survey

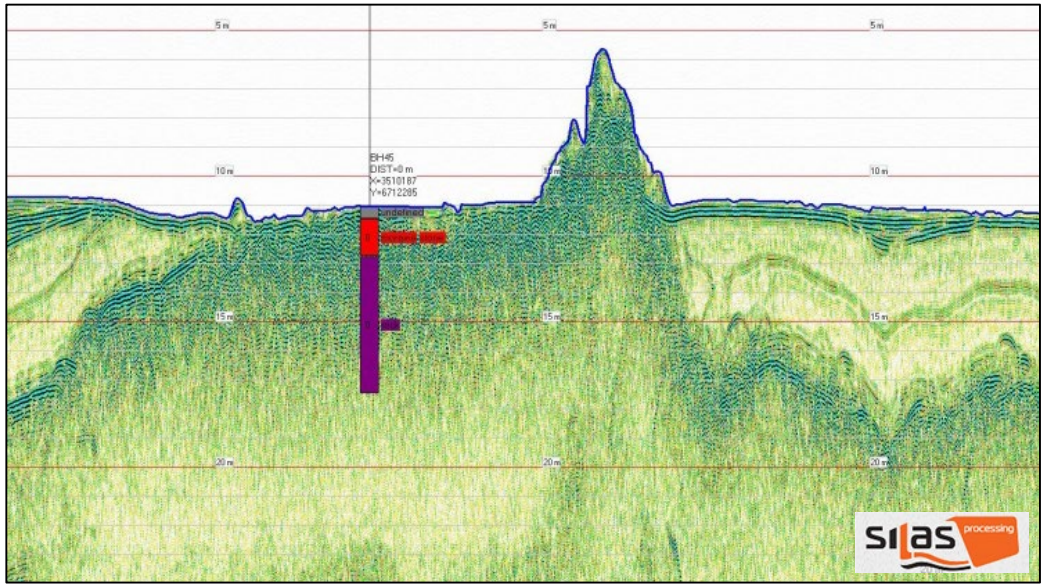




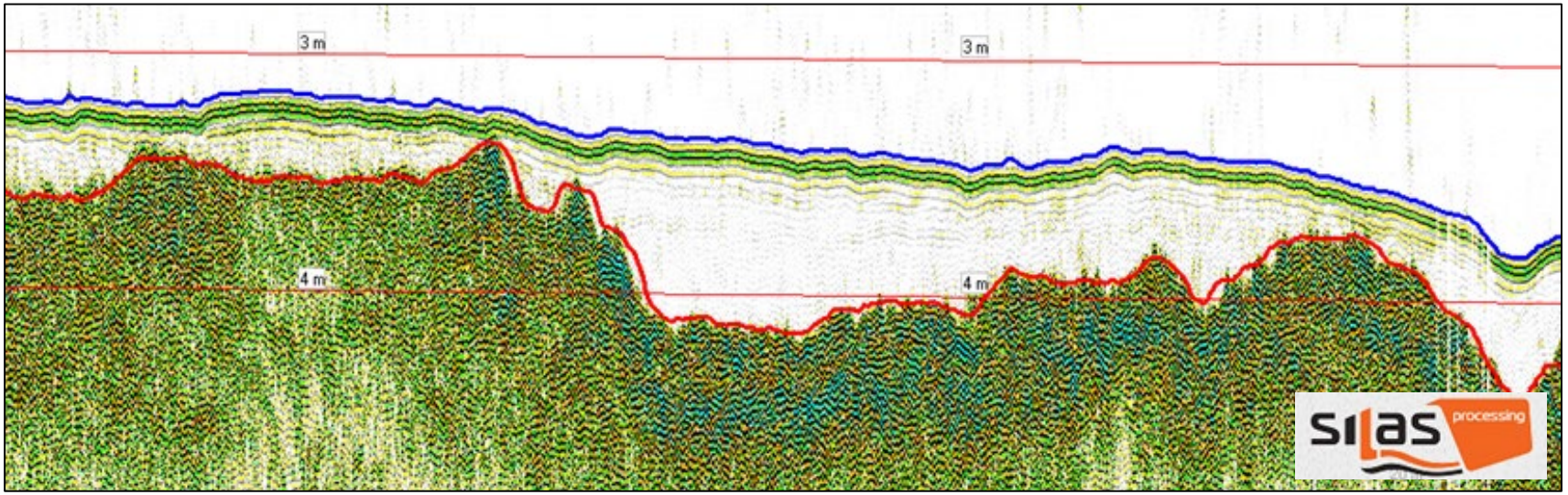
Our solutions: site survey



- Site investigation as a preparation for harbour deepening
- Outcrops of metamorphic rocks and large boulders
- Subbottom profiler-, multibeam-, and borehole data

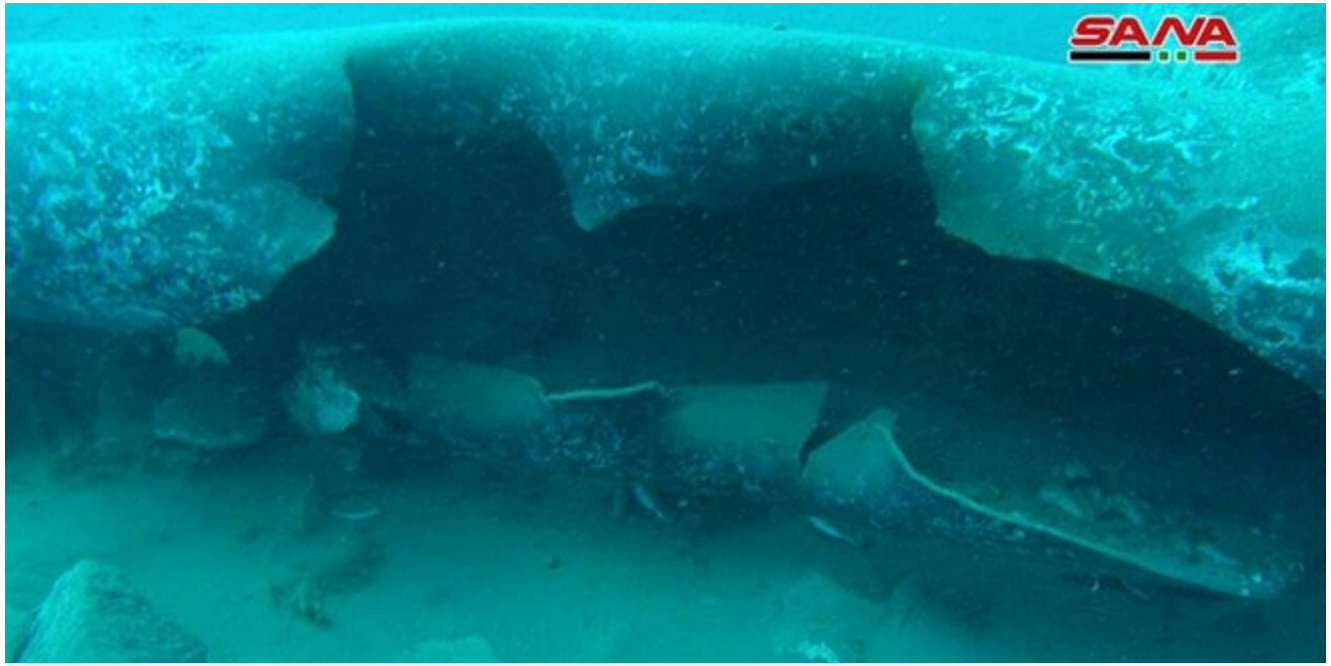


Products and services: Silas

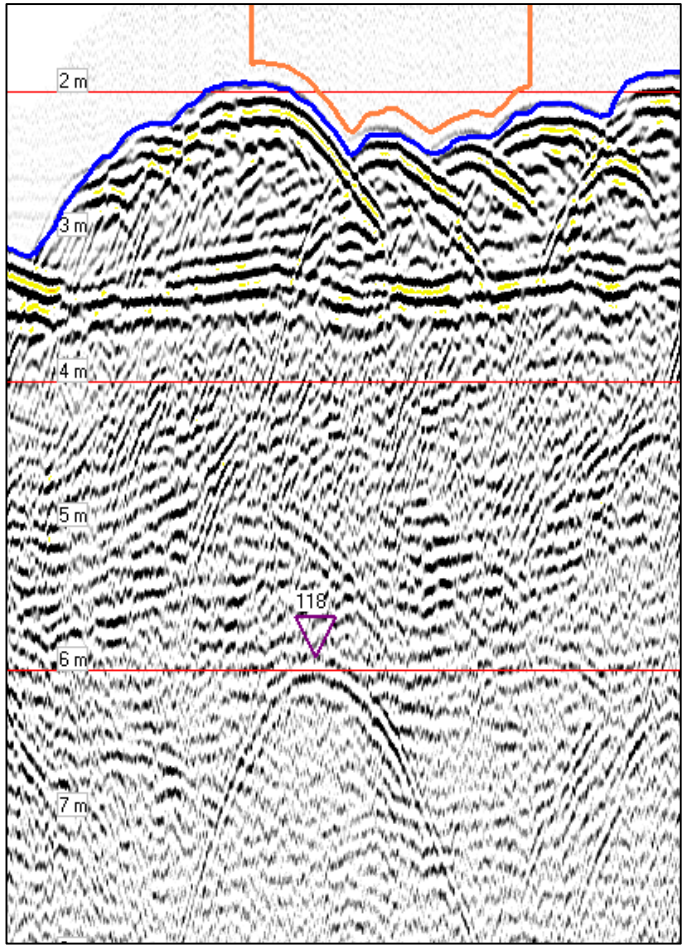


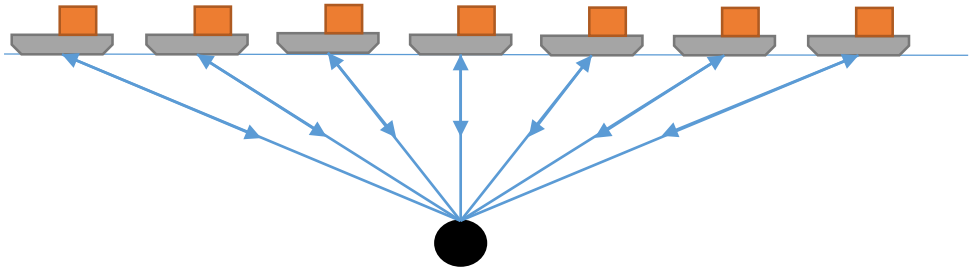
Pipeline & Cable Detection

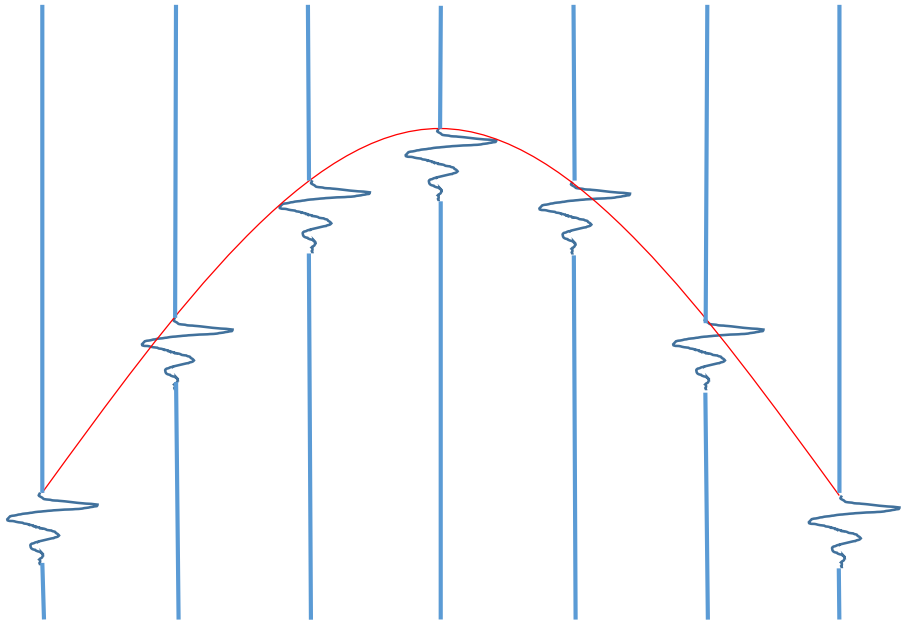
How can you keep them safe if you do not know where they are



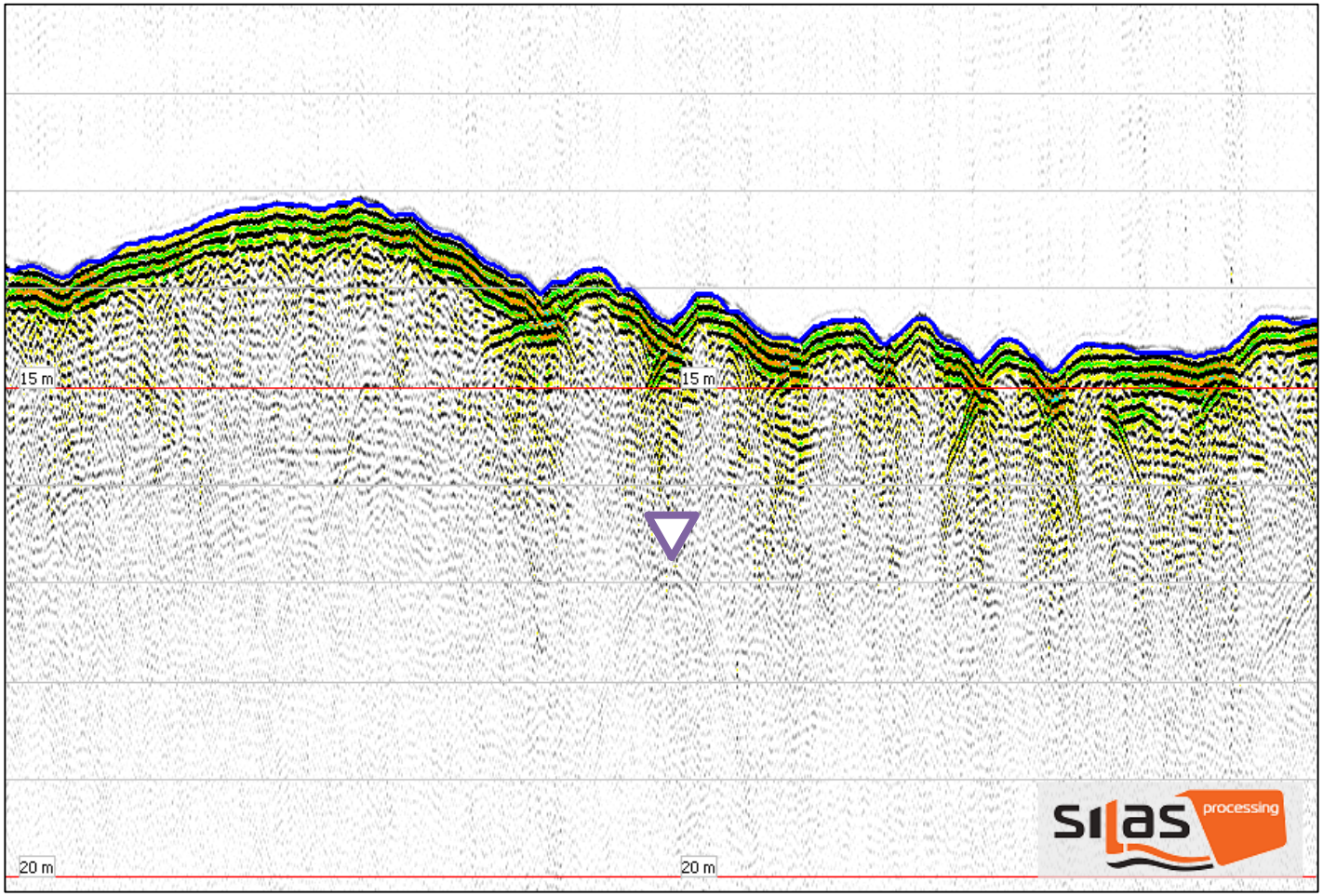
Our solutions:
Acoustic Cable detections



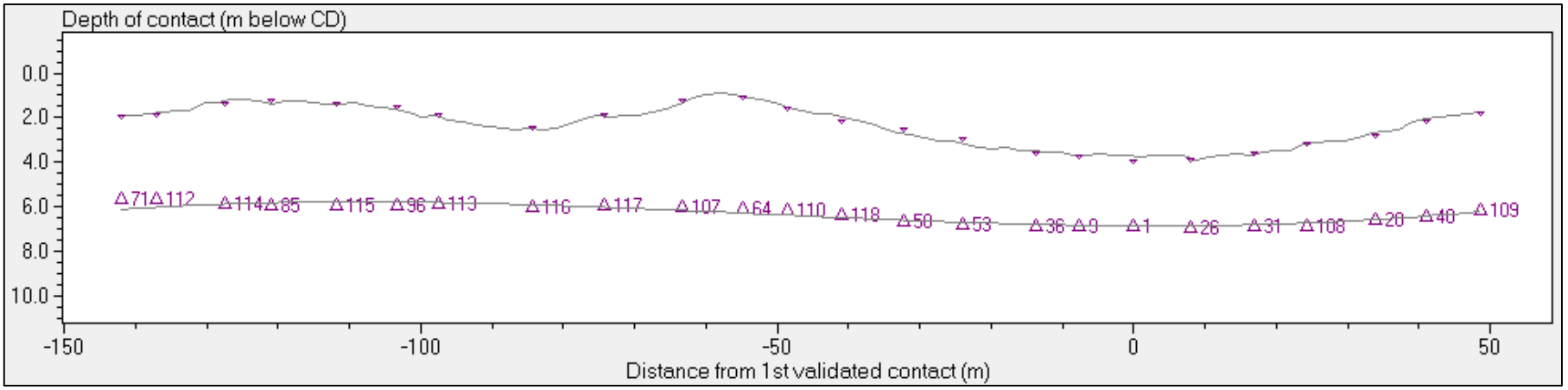


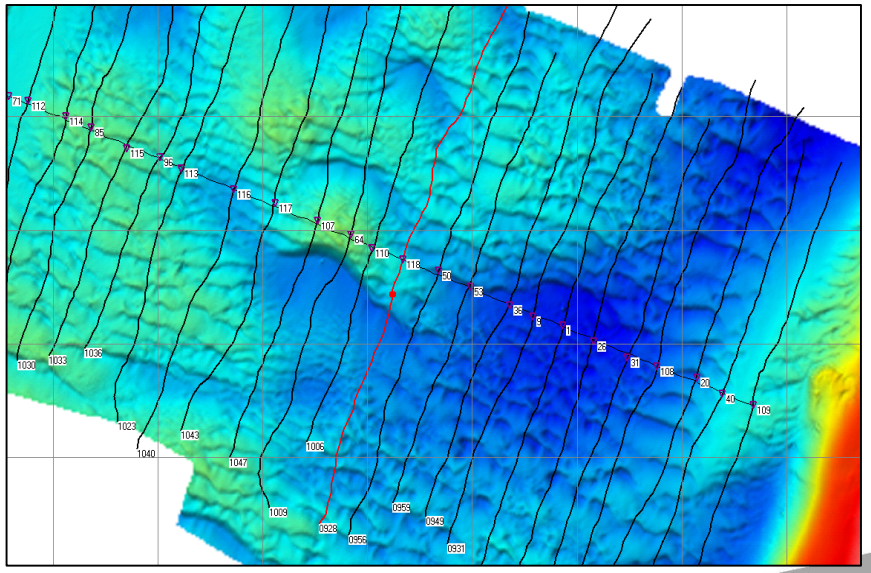


Our solutions: 2D cable detection Oostende, Belgium

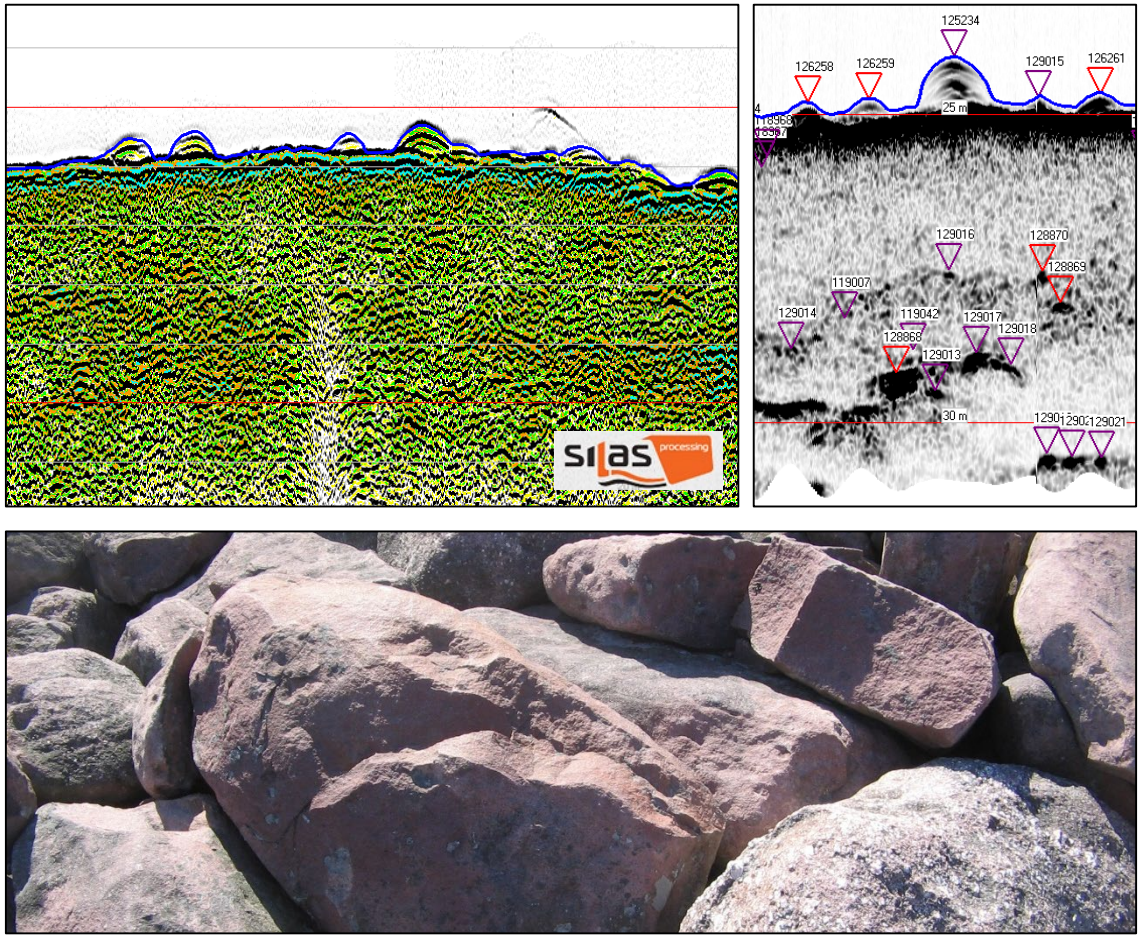


Our Deliverable: 2D Cable Detection

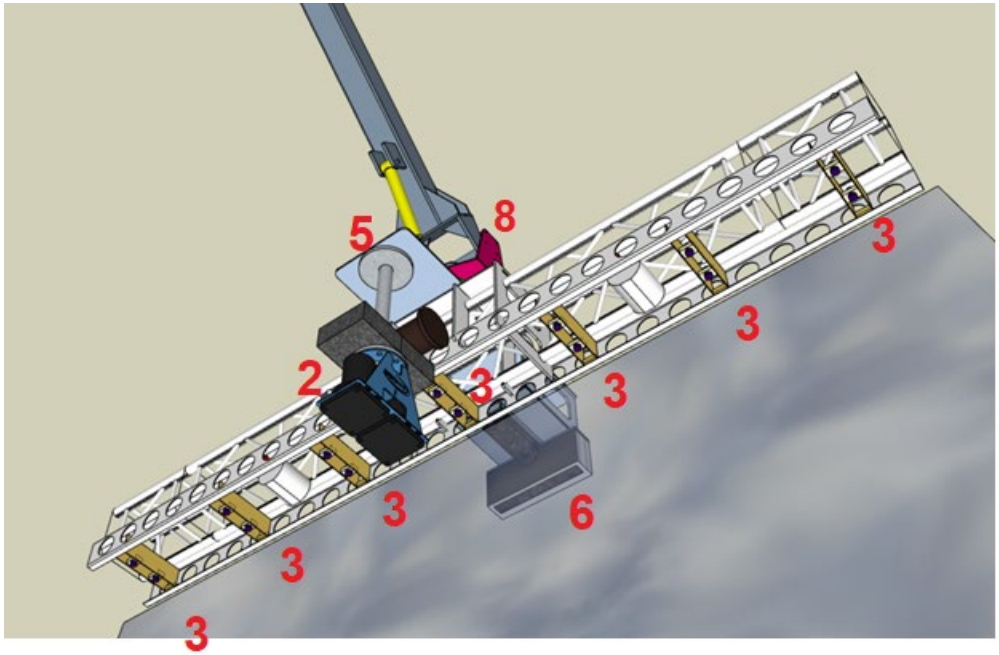




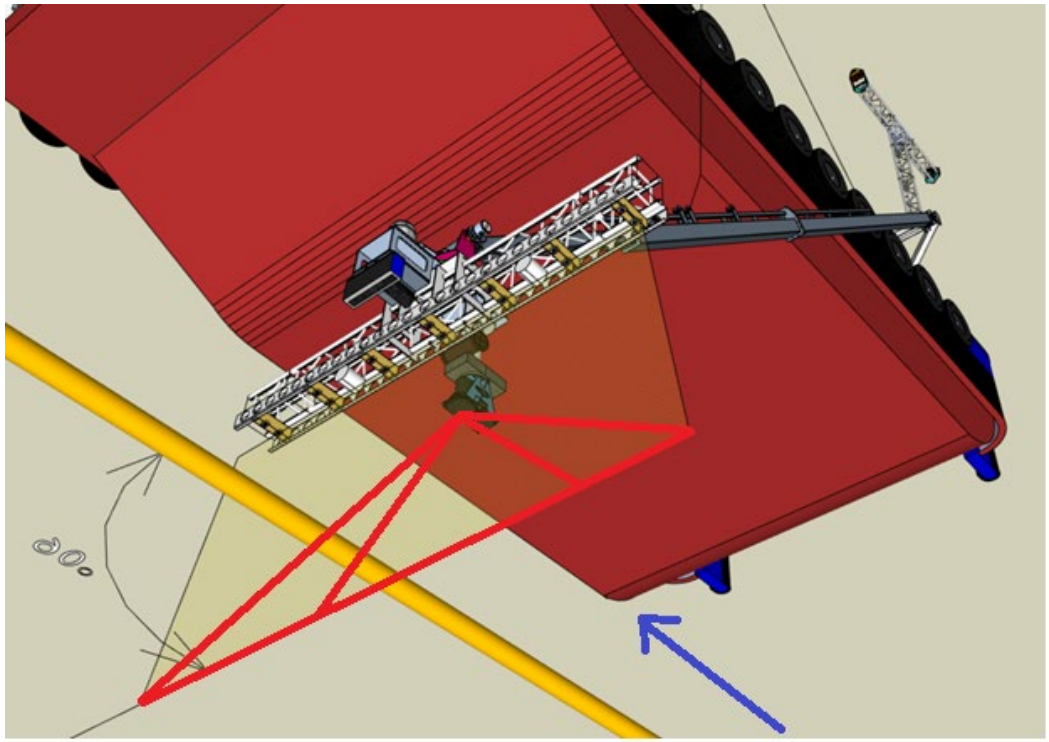
Our solutions: 2D object detection



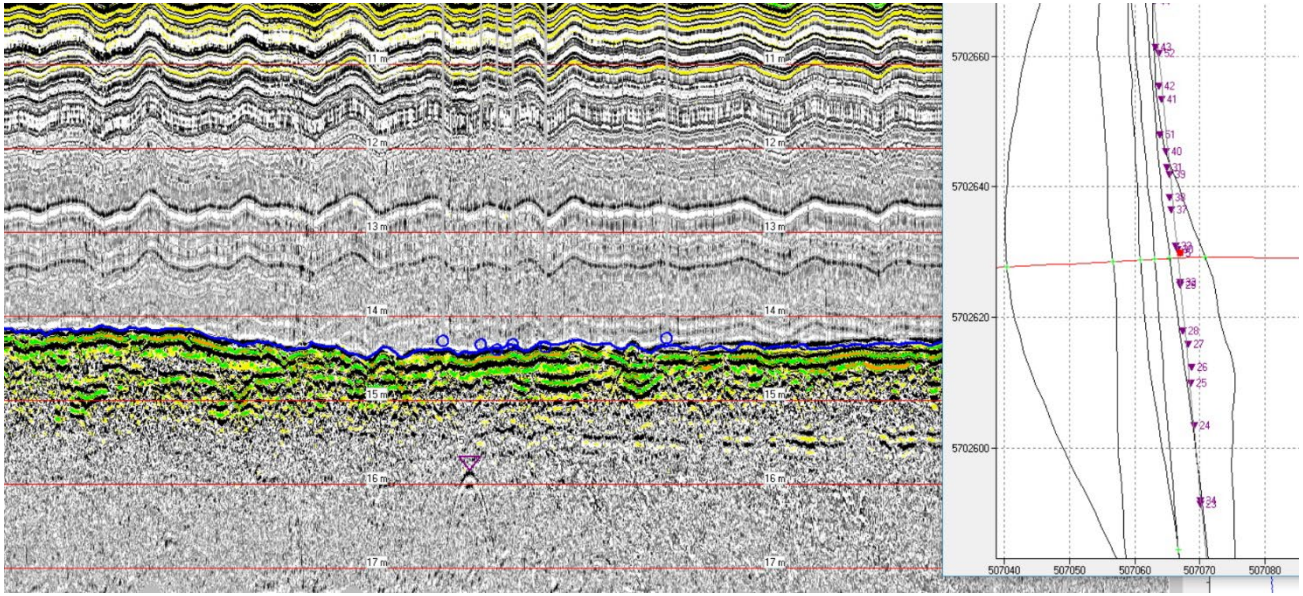
Our solutions: 3D Cable detection



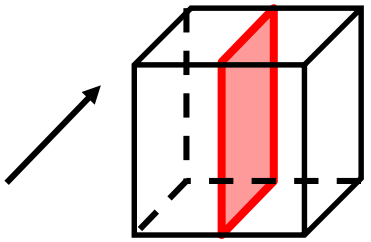
Our solutions: 3D Cable detection



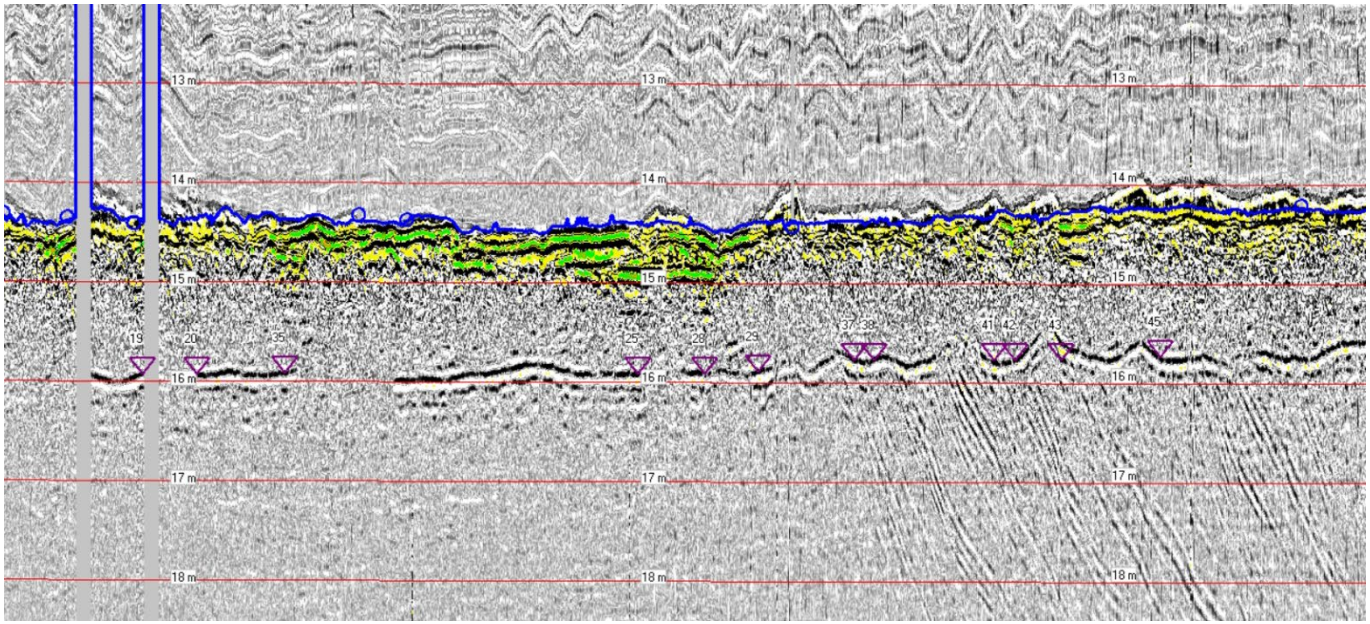
Our solutions:
Cross Line Identification



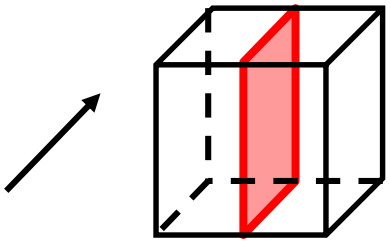
-Export Cable 22.5 cm dia (cross section).
Height array above seafloor app. 4 m



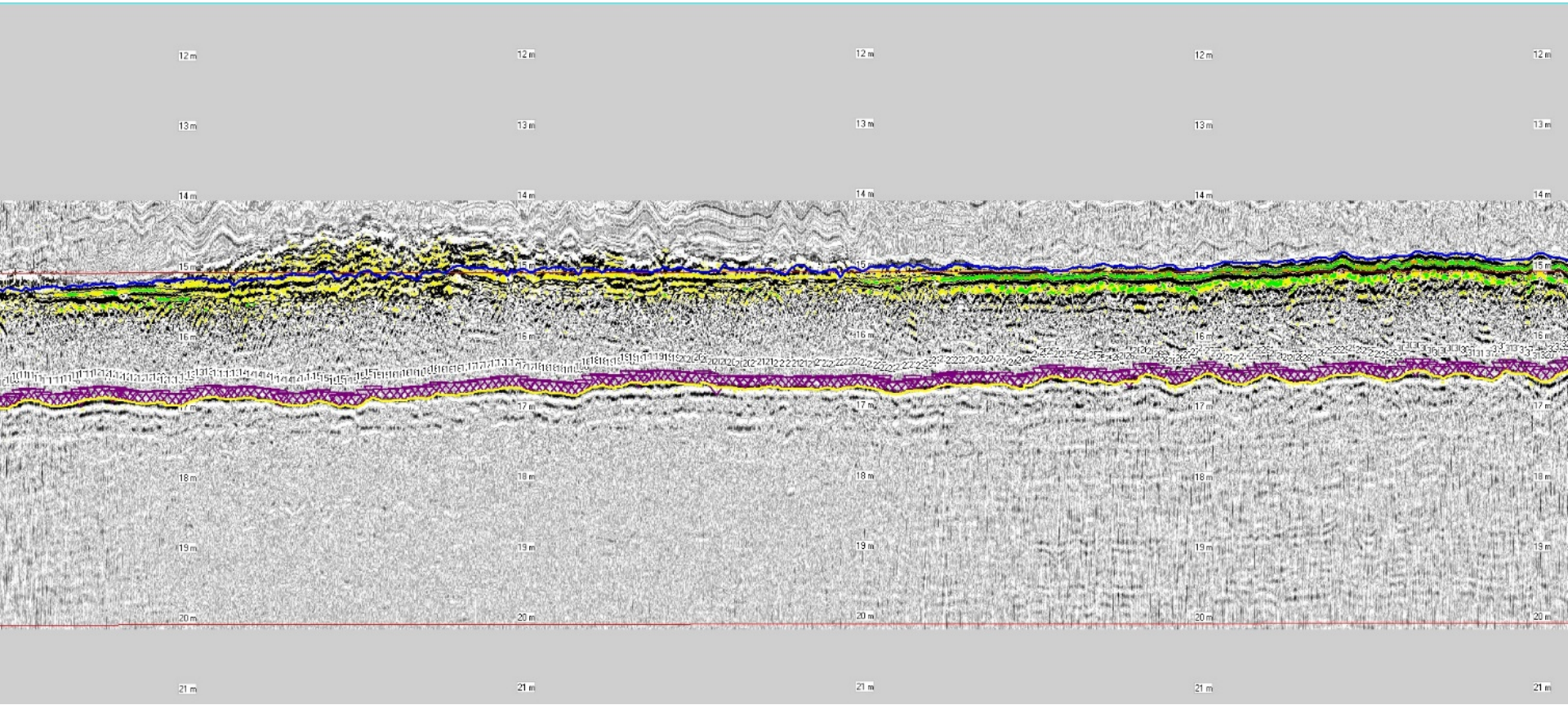
Our solutions: Parallel Lines



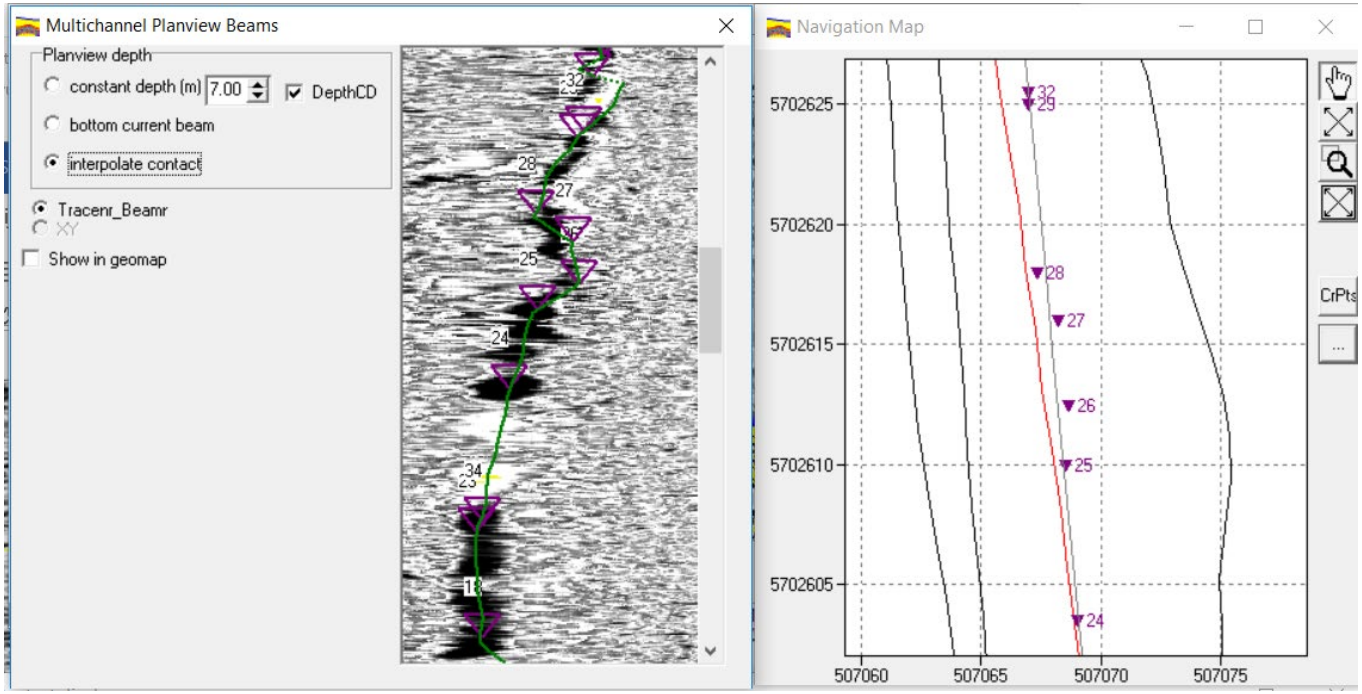
-Export Cable 22.5 cm dia: longitudinal profile section along cable, reprocessed



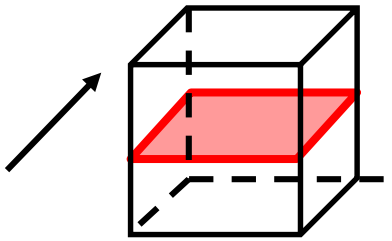
Our solutions: Parallel Lines



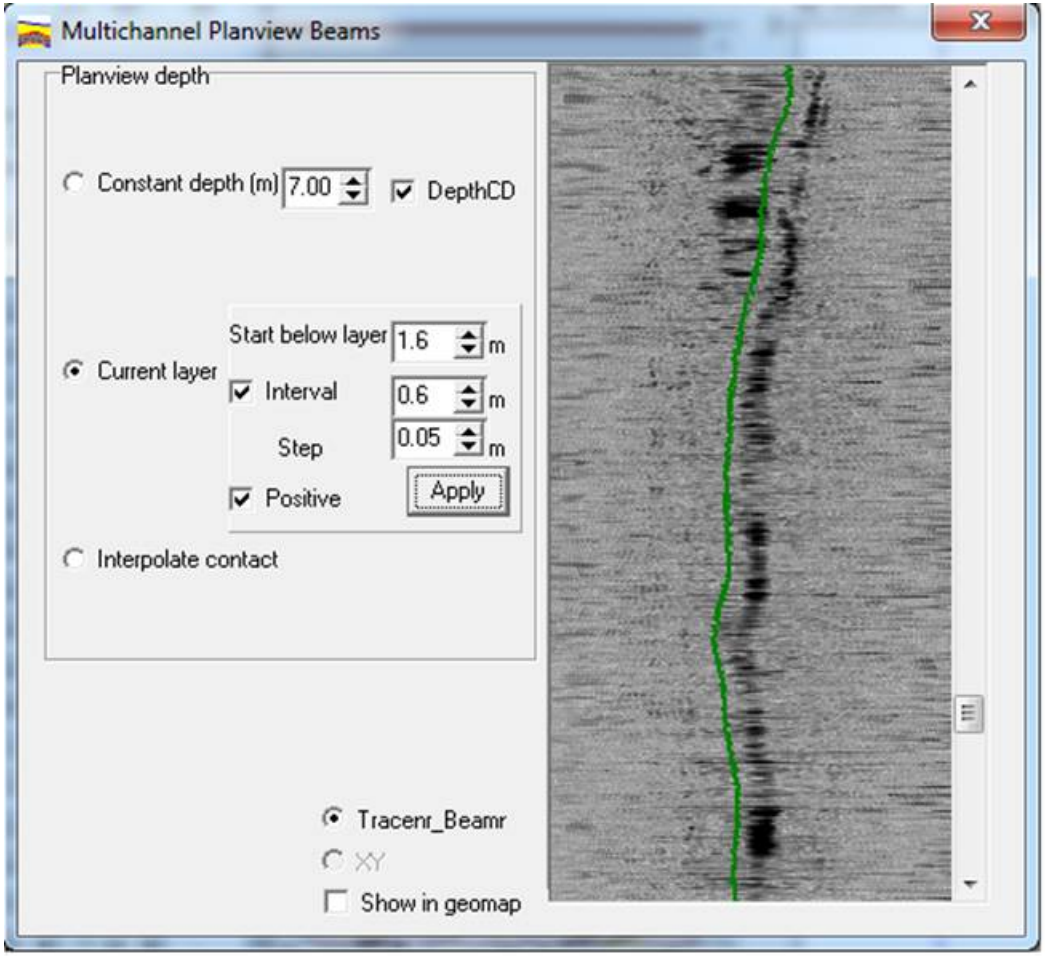
Our solutions: Applications



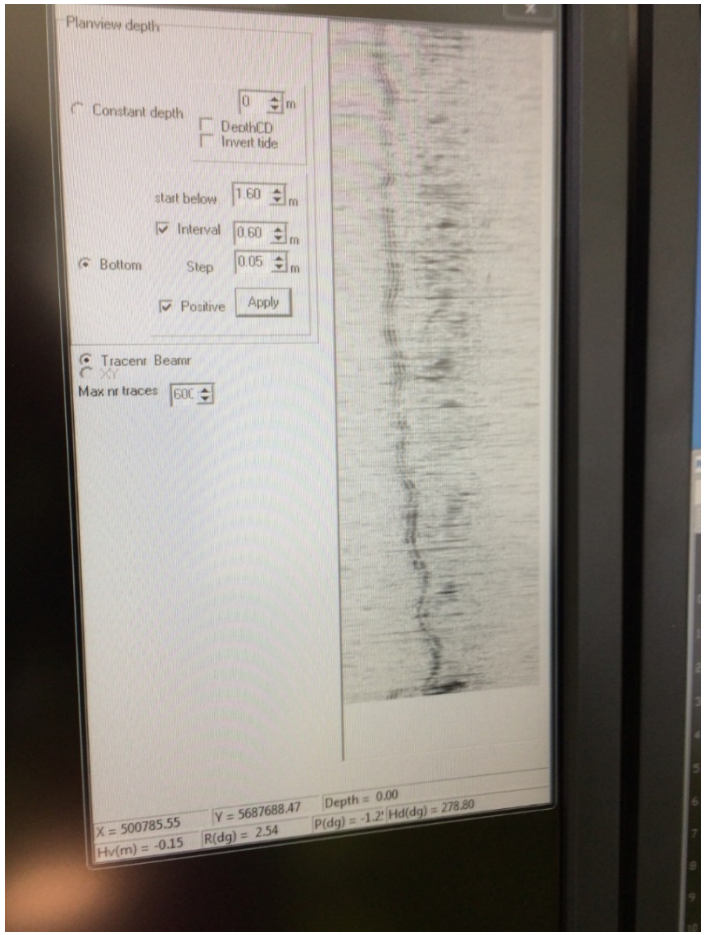
-Export Cable 22.5 cm dia (longitudinal plan view section)



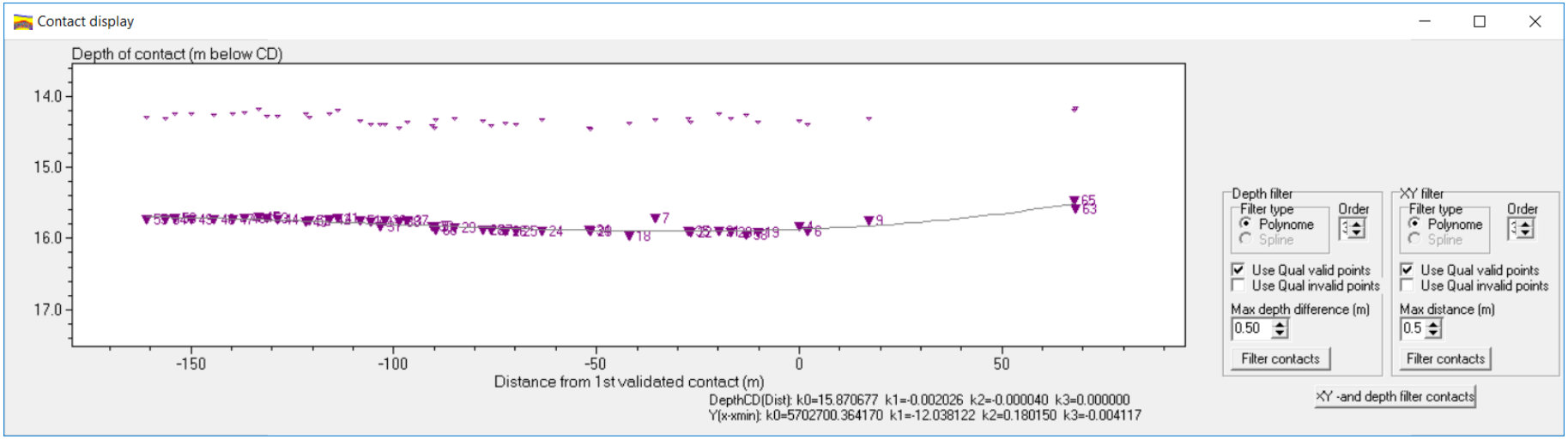
Our solutions: Cable Tracking



Our solutions:
Real Time Cable tracking

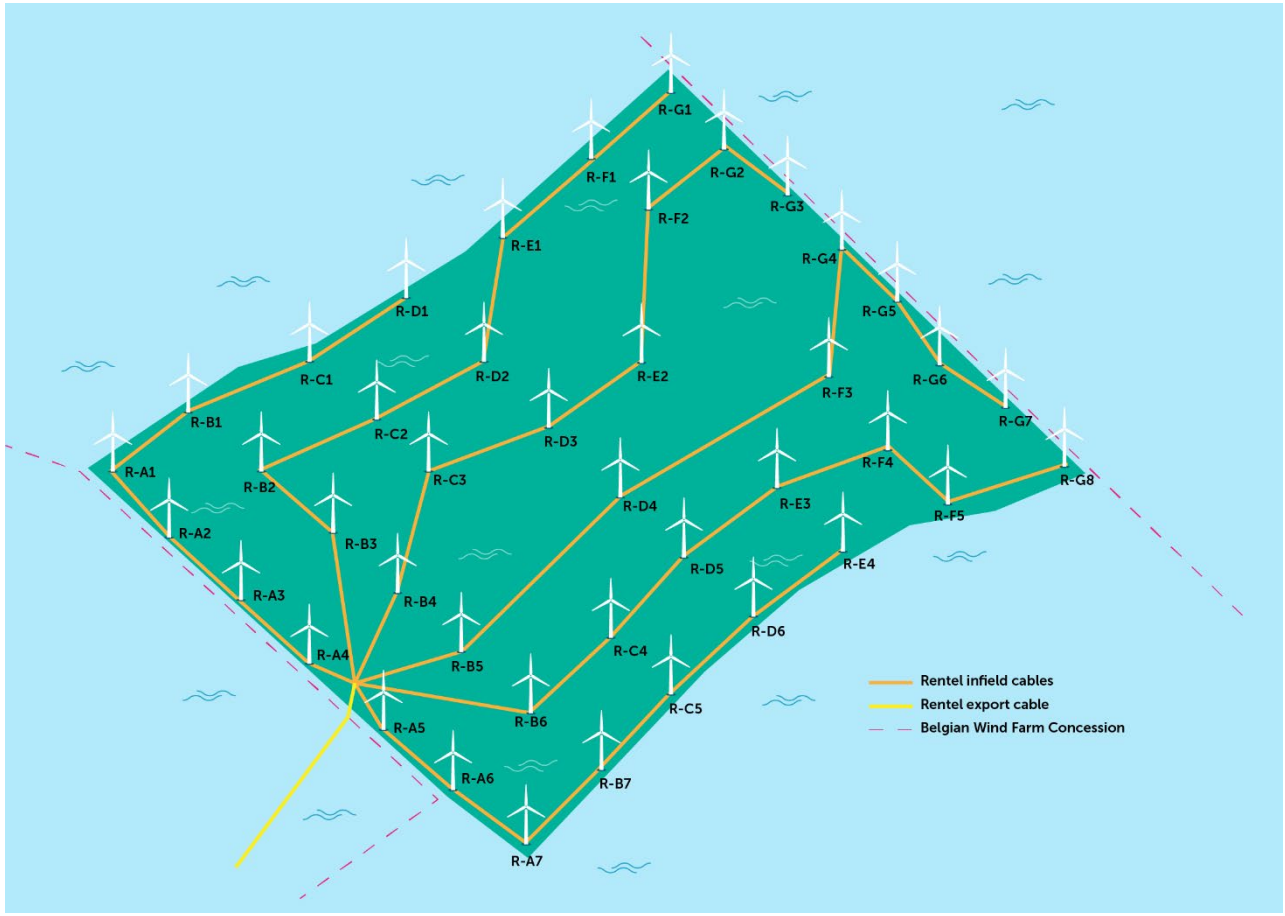


Deliverable: Depth of Coverage



Applications: Inter Connect Cables

Applications: Inter Array Cables



What can we see: Cables

Applications: Pipe line crossings