



Capability Statement

Djibouti Marine Habitat Survey

Client: BRM, HATCH GOBA



REQUIREMENTS

To provide an ecologically orientated assessment of the seafloor to identify habitat bottom types, the existence of subsea structures or potential obstructions and to identify other possible areas of interest along the proposed pipeline route.

WORK DONE

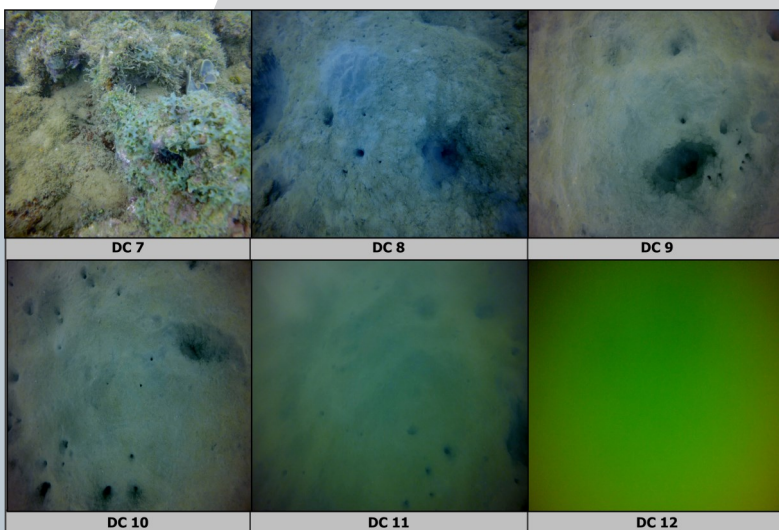
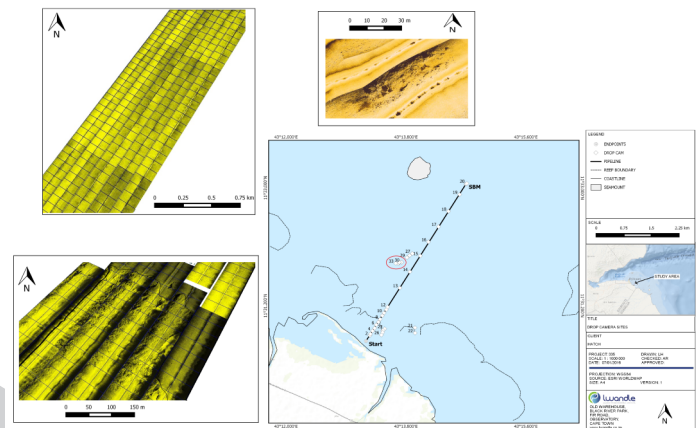
The survey comprised of a Lowrance StructureScan® System (for SONAR images of the seafloor), a single-beam echo-sounder (for Bathymetry) and a tripodmounted drop-camera (for ground-truthing of the StructureScan data).

The work comprised of:

- Design and implementation of a benthic habitat survey
- Structure scan survey to identify prominent seabed features and habitat types
- Characterising of nearshore and offshore habitats
- Identification of coral and seagrass coverage

OUTCOMES:

A detailed report was produced that provided site specific information on the proposed development area. Lwandle developed an understanding of the benthic habitat and sediment characteristics of the project area. Informed habitat information enables the client to design the most appropriate pipeline route and FSO mooring location



“Detailed description of the benthic structures and habitats for a proposed pipeline and FSO development in Djibouti”