

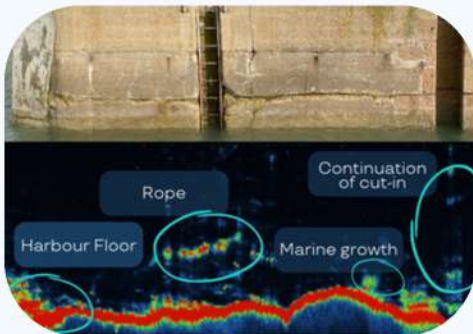
Case Study:

EXPLOSIVE, SENSYS MAGNETOMETER & IMPACT SUBSEA'S ISA500 ALTIMETER



FEATURES & BENEFITS

- > **120+ METER RANGE**
Proven long range measurement.
- > **1MM ACCURACY**
Proven millimetre accuracy.
- > **INTEGRATED AHRS***
Provides Magnetic Heading to $\pm 1^\circ$
Pitch & Roll to 0.2° accuracy.
- > **ECHOGRAM***
Visualise sonar backscatter data.
Up to 2,000 samples per ping.



- > **EMULATE ANY DEVICE**
Direct replacement of existing
equipment.
- > **VARYING DEPTH RATINGS**
Available in 1000m, 6000m and
11,000m depth ratings.

*Optional

Explosive have performed magnetometer surveys of the seabed in the area of planned dredging works for the expansion of the Liquid Fuels Transfer Station in the Port of Gdynia.

Before:

Explosive were looking for a means to monitor underwater altitude of magnetometers. They needed precise control over magnetometer height above the seabed and reliable bathymetric data.

After:

With the Impact Subsea ISA500 altimeter, they gained real-time underwater distance measurements and precise height control.

Now, they effortlessly conduct accurate bathymetric and magnetometer surveys, with reliable data and no downtime.



ISA500 APPLICATIONS INCLUDE:

Scour Monitoring | Touchdown Monitoring | Hydro-graphic Survey | Motion Reference |
Wave Height Measurement | Equipment Deployment | Under Ice Measurement |
Underwater Positioning | ROV & AUV Altitude, Heading & Attitude |

EXPLOSIVE, SENSY'S MAGNETOMETER & IMPACT SUBSEA'S ISA500 ALTIMETER



The ISA500 Altimeter was chosen for its robust design, high accuracy and real-time data capabilities. It provides reliable underwater distance measurements.

“We use the Impact Subsea altimeter for every mag survey job we do.

It allows us to monitor the depth of the basin in real time and also to control the height of the magnetometers above the bottom.

It also allows us to take a simple bathymetric survey before starting a mag survey.”

“We are very satisfied with the quality of the Impact Subsea Altimeter, it has never let us down.”

Stanislaw Kuzmanow of Explosive

