UNDERWATER INFORMATION SYSTEMS

RESEARCH DIVING / FIELD DATA

SCIENTIFIC DIVING & FIELD DATA.

Underwater positioning, navigation and communication for research divers and remotely operated vehicles (ROVs).

Field surveys / Archaeology / Photogrammetry



Underwater navigation at Gribshunden, Sweden

DURING AND AFTER THE DIVE

Navigate the site

Follow survey waypoints on a compatible underwater tablet. Use a georeferenced site plan, sonar image or orthomosaic as a background map.

Mark observations

Save a point of interest during a dive so the team can document the location and return to it on a later survey.

Review and use the data

Review recorded tracks to see where the team surveyed. Use exported positions in mapping or photogrammetry workflows.

The surface team can follow divers and ROVs with near-real-time updates. Divers can exchange predefined messages using a compatible display.

MAX. OPERATING DEPTH	MONITORED AREA DIAMETER	POSITION ACCURACY
150 m (492 ft)	1,000 m (3,281 ft)	±2.5 m (±8.2 ft) absolute

FIELD CASES



Wreck orthoimage, Signilskär

Underwater archaeology at Gribshunden
Divers used wreck overlays to navigate and mark findings.

Photogrammetry at Signilskär
Recorded positions were matched with imagery for 3D reconstruction.

Scientific dive training at Kristineberg
Researchers navigated to planned sites and recorded observations.

TALK TO UWIS

UWIS Oy / Littoinen, Finland
info@uwis.fi +358 40 514 0565

uwis.fi