UNDERWATER INFORMATION SYSTEMS

PUBLIC SAFETY DIVING / SAR

# UNDERWATER SEARCH & RECOVERY.

Positioning, navigation and communication for rescue divers and remotely operated vehicles (ROVs).

Missing-person searches / Evidence recovery



UWIS underwater navigation display

## DURING AND AFTER THE DIVE

### Track the search

Follow diver and ROV positions on a shared surface map with near-real-time updates.

### Revisit sonar targets

Enter target coordinates as waypoints. Use georeferenced side-scan imagery as a background map on compatible displays.

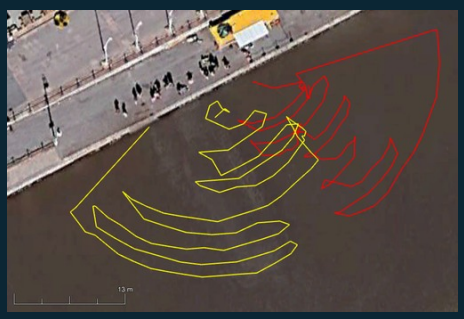
### Review the routes

Record and review tracks to assess search coverage, debrief trainees and support incident reporting.

With a compatible underwater display, divers can navigate to waypoints and exchange predefined messages with the surface team.

| 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



Recorded search tracks, Aura River

**Sector search in the Aura River**
Finnish rescue divers recorded sector searches in zero visibility.

**Search training with divers and an ROV**
DLRG Pöcking–Starnberg combined diver navigation and ROV search.

**Side-scan sonar and ROV confirmation**
A submerged vehicle was located by sonar and confirmed visually.

TALK TO UWIS

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

uwis.fi