



Smart Robotics

Digital Ocean Convention, August 2021



About EvoLogics



- Berlin-based **high-tech company**
- Focus on maritime and underwater **robotics, communication, positioning and sensor systems**
- Founded in **2000**
- Currently:
 - 52 team members
 - 9 mEUR turnover
 - customers in 64 countries
- Learn more at **www.evologics.de**

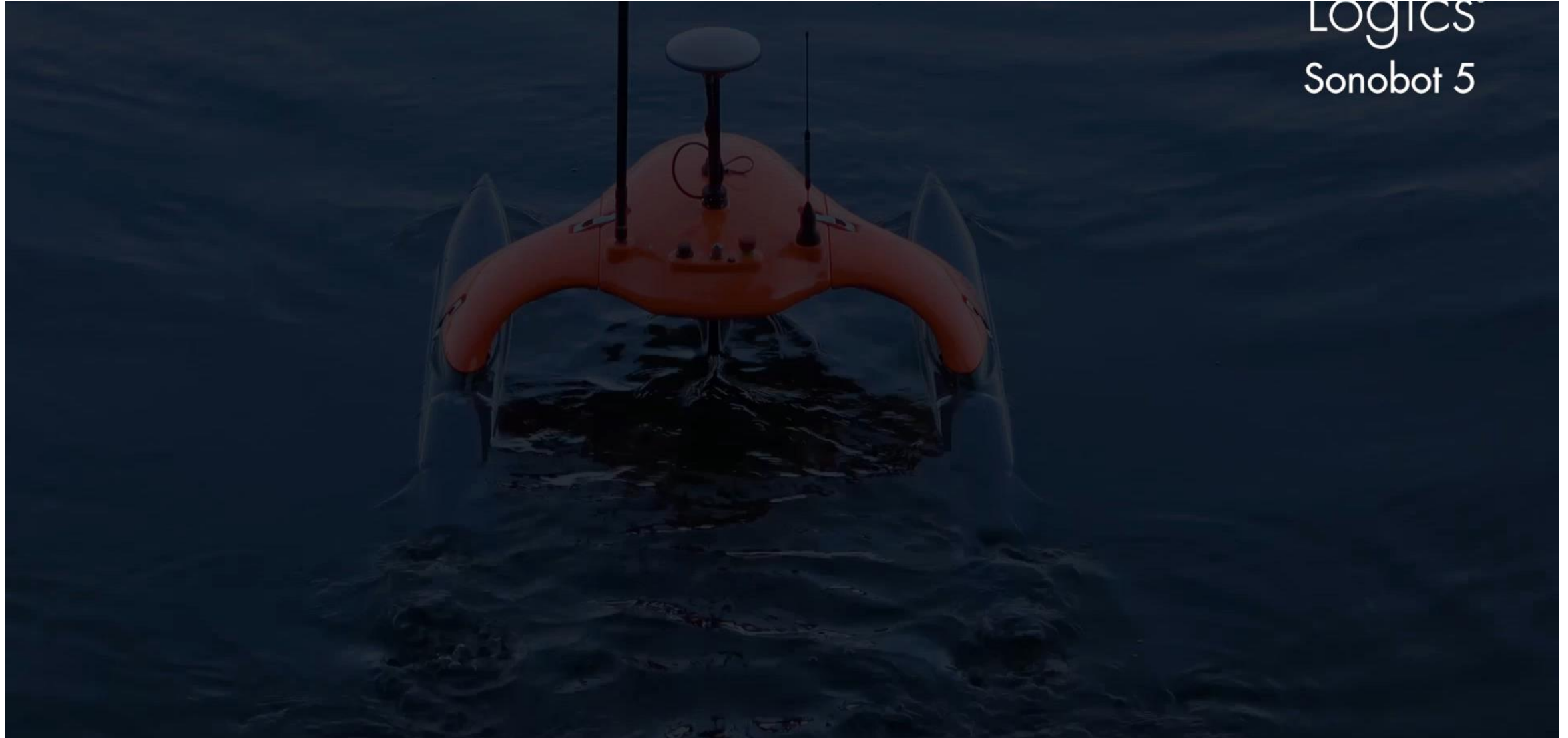
1 Agile, inspection-class maritime robots

BOSS Bionic Observation and Survey System



① Agile, inspection-class maritime robots

Sonobot 5 USV



① Agile, inspection-class maritime robots

Quadroin fast-swimming penguins



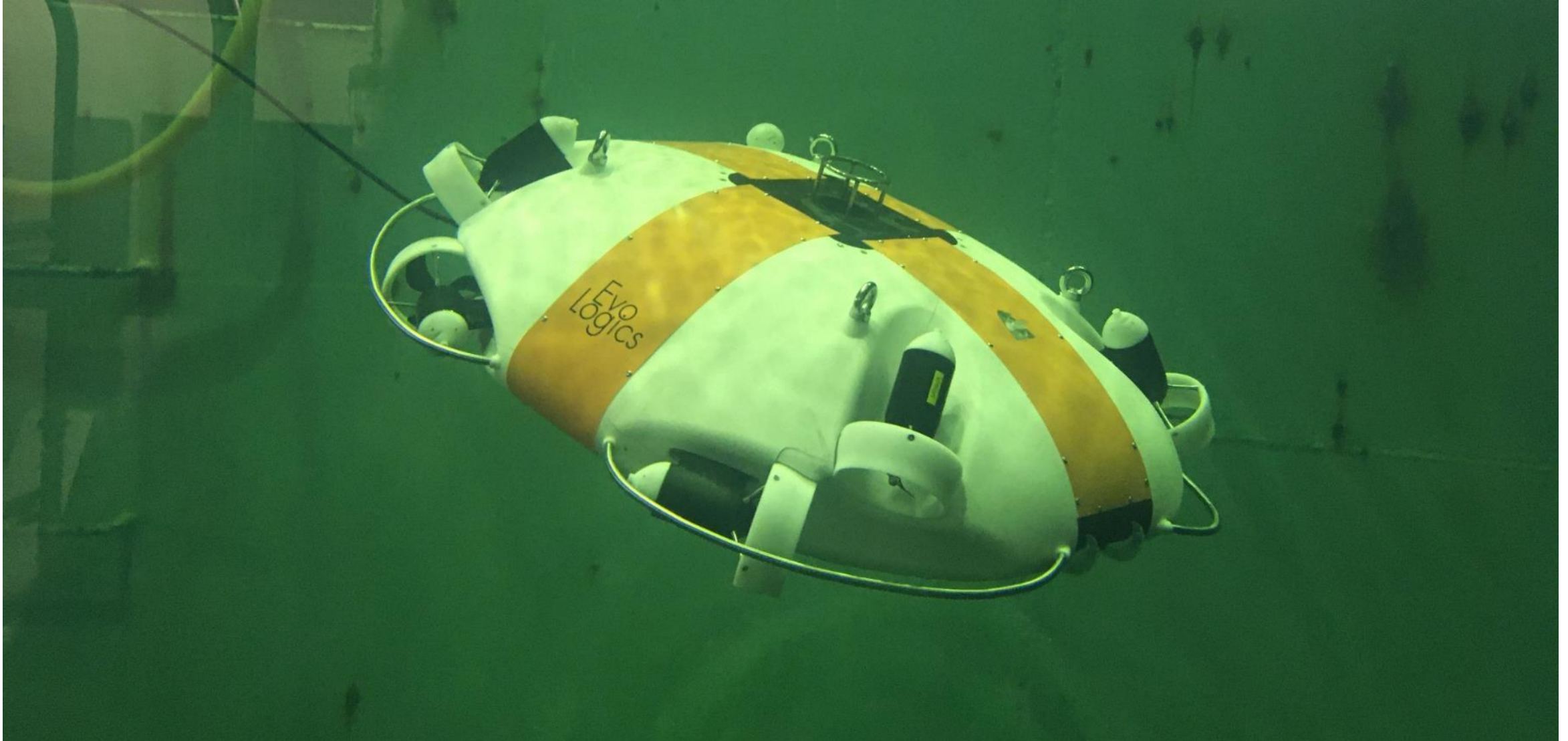
① Agile, inspection-class maritime robots

Poggy



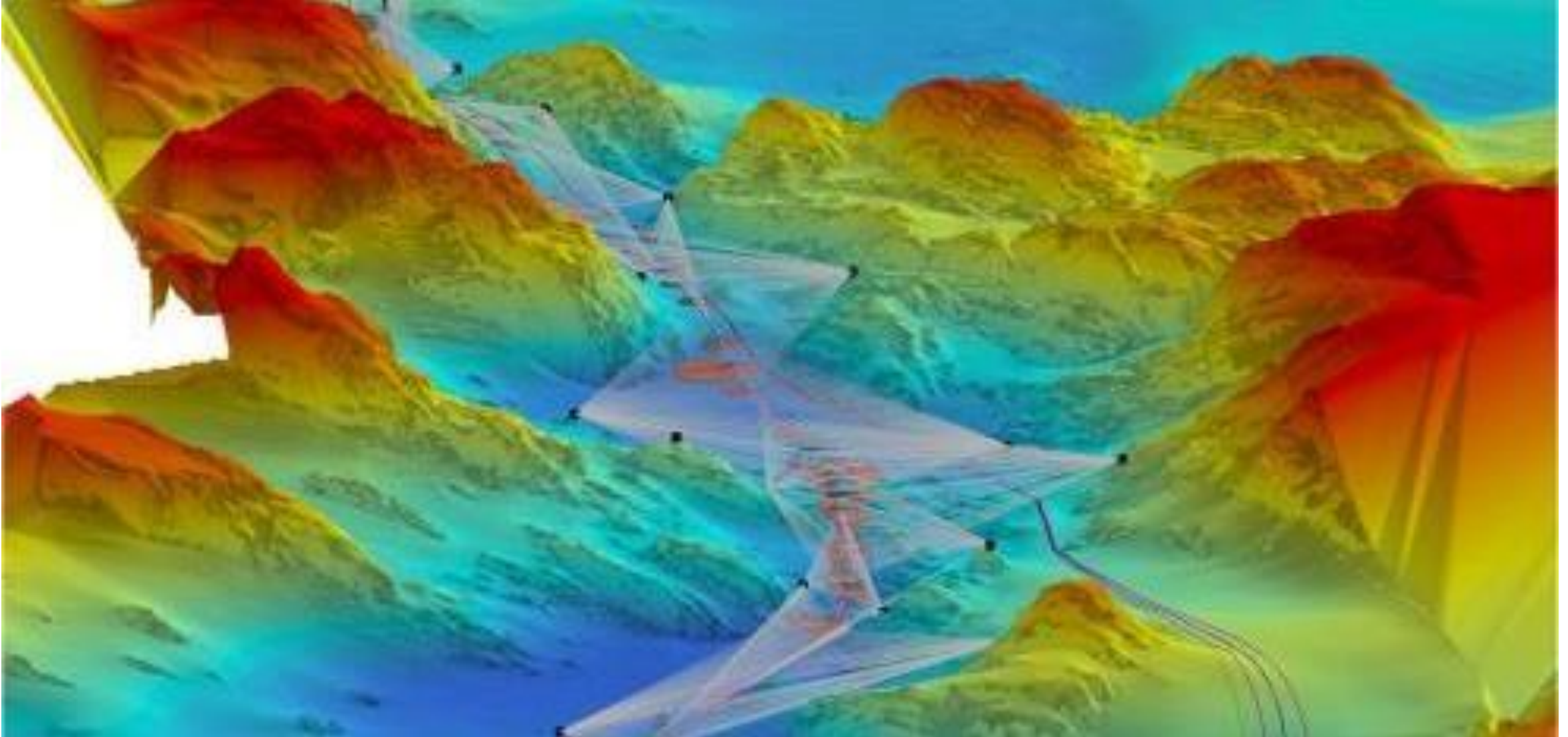
① Agile, inspection-class maritime robots

Mini-ROV Sea Turtle



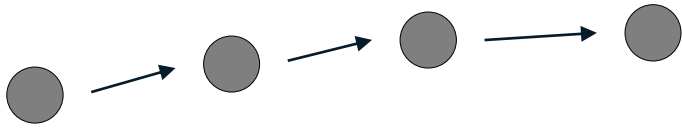
② Underwater data networks

Continuous AUV monitoring and positioning

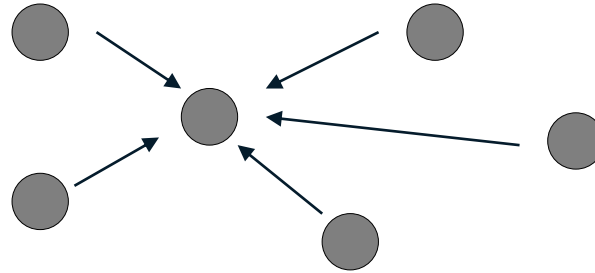


② Underwater data networks

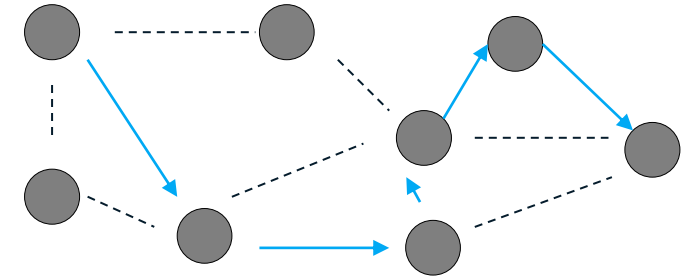
Advanced network protocols



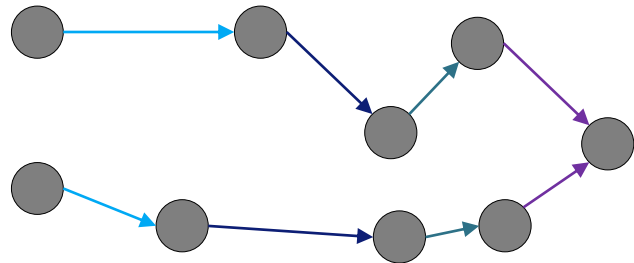
Relays



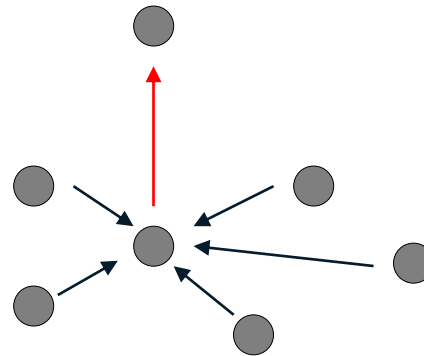
Star



Adaptive Paths



Collect Wave



Mixed Configurations

② Underwater data networks

Data networks for complex underwater mission scenarios



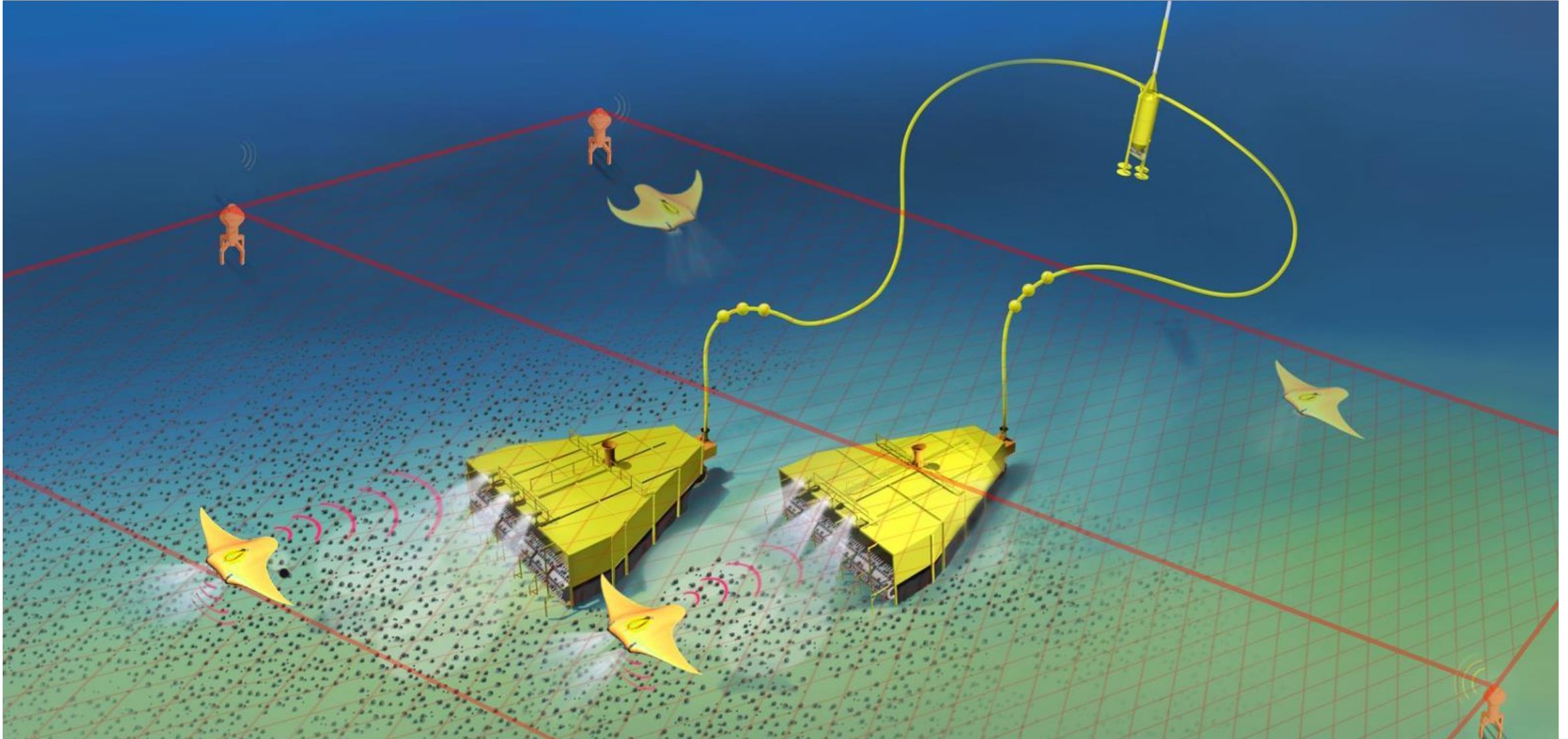
③ High-speed, accurate positioning

qLBL positioning for high-speed targets in confined waters



③ High-speed, accurate positioning

BMWi Project Deep Sea Protection



③ High-speed, accurate positioning

Combined mission scenarios



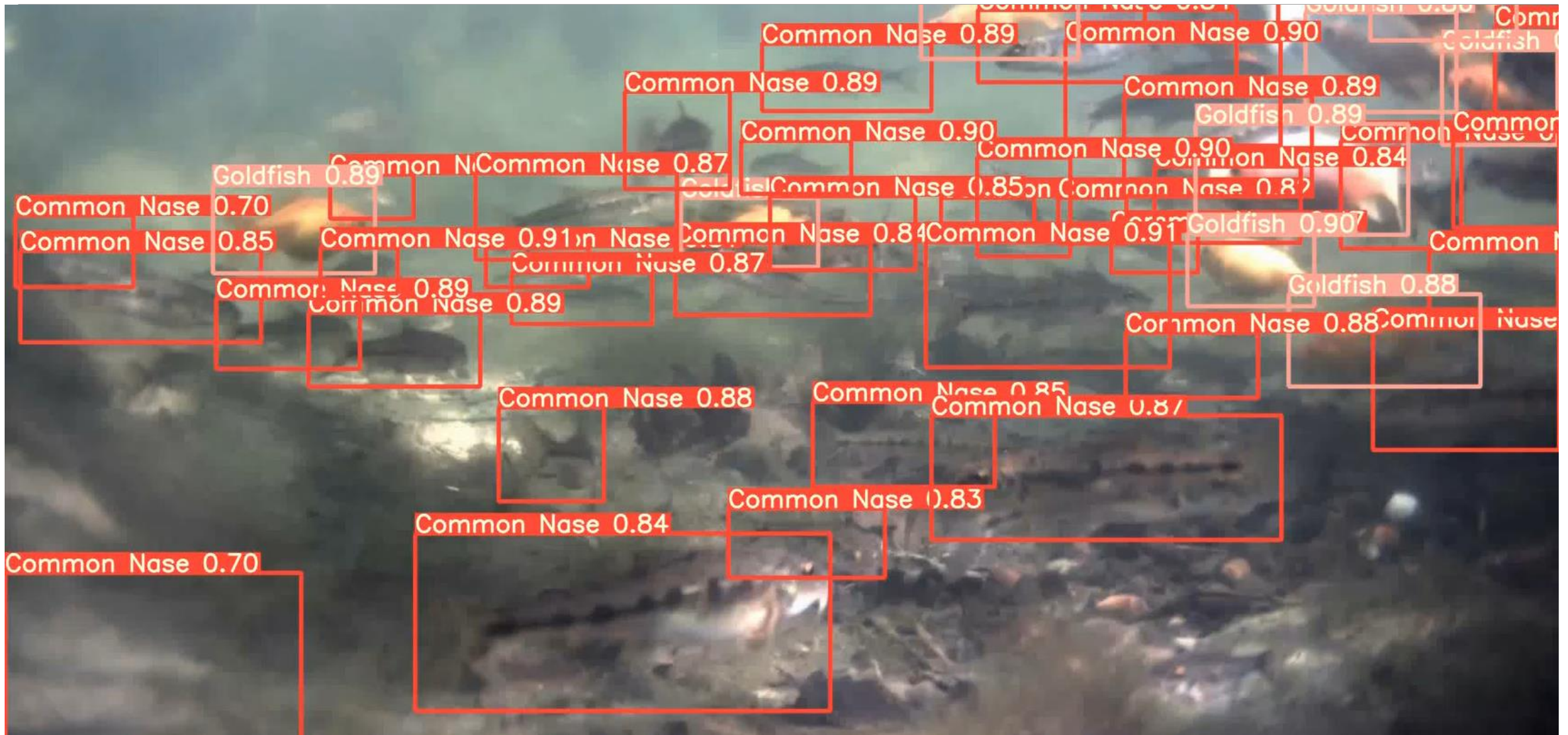
4 Object Recognition and Awareness

In sonar data...



4 Object Recognition and Awareness

...and video data



Thank you
www.evologics.de

