



Project BEDLAM

Aquaculture Europe 2025

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AQUAEXCEL3.0



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KNOWLEDGE NEED

- Reduce human offshore presence
- Increase efficiency
- Reduce waste
- Aim to reduce costs via technology:
- Automate monitoring:
 - Fish growth
 - Nutrient flows
 - Waste products
- Provide live in-situ updates



SOLUTION (RESULT)

- Fish growth monitoring
- Waste flux
- Currents & waves
- Deliver live to Cloud

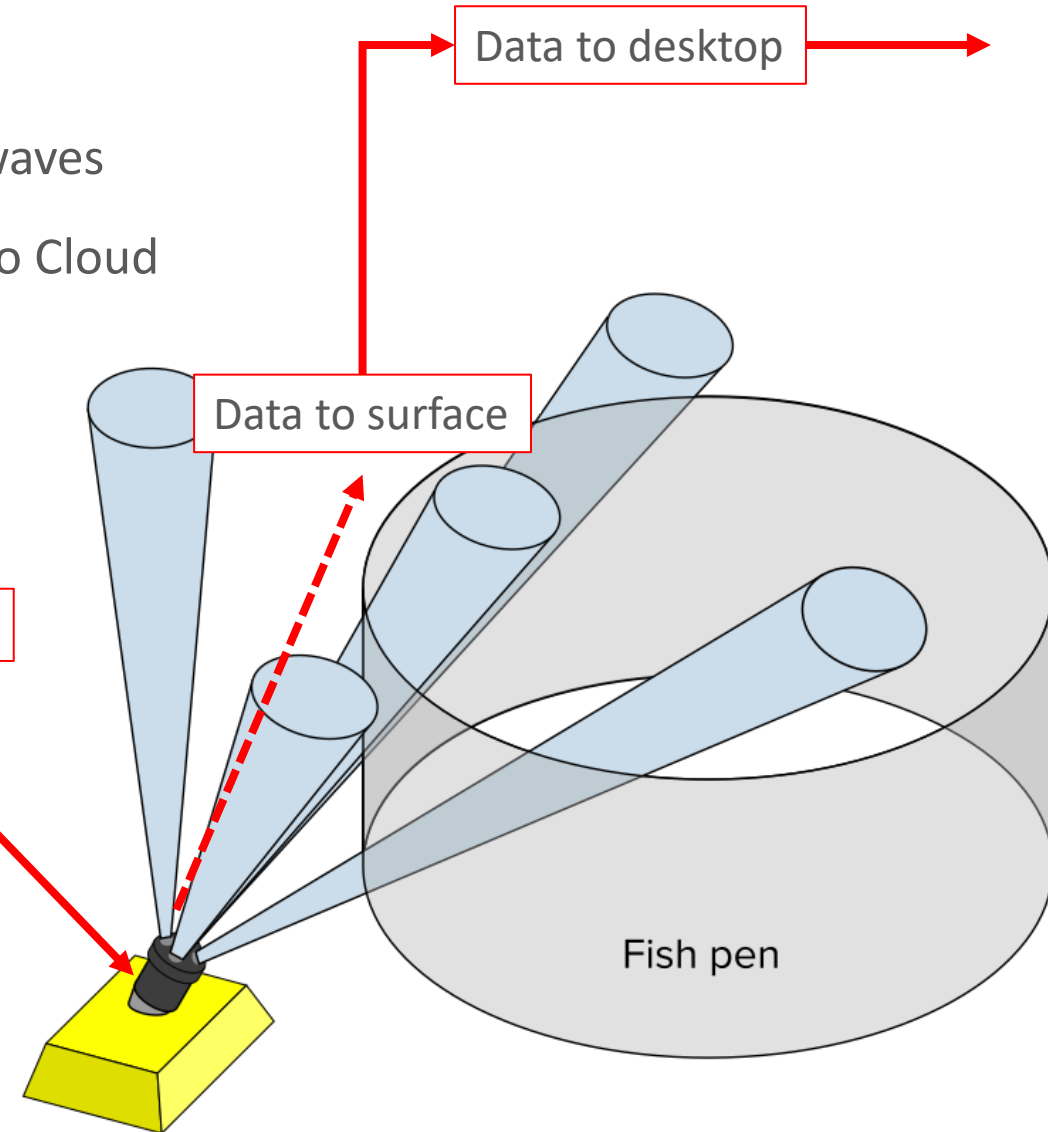


Data offloaded acoustically

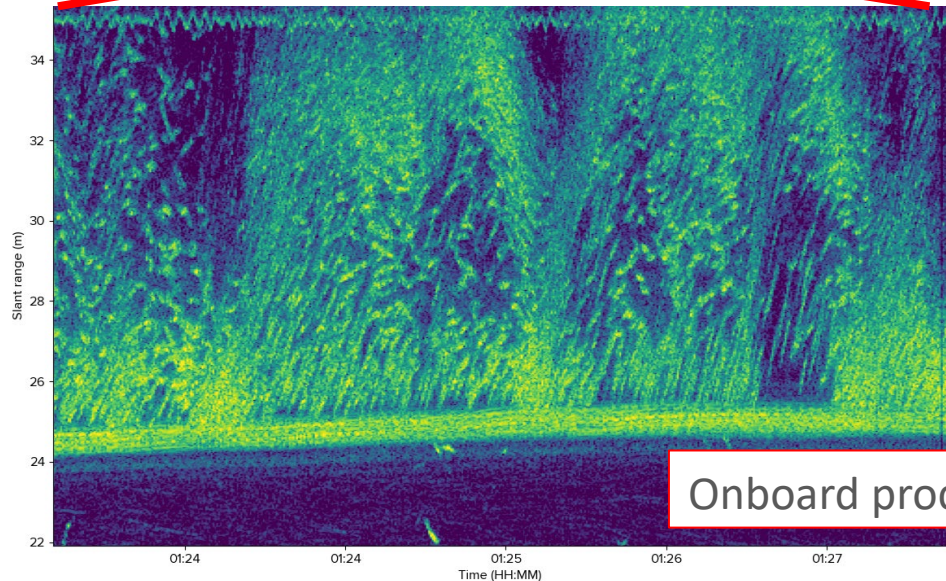
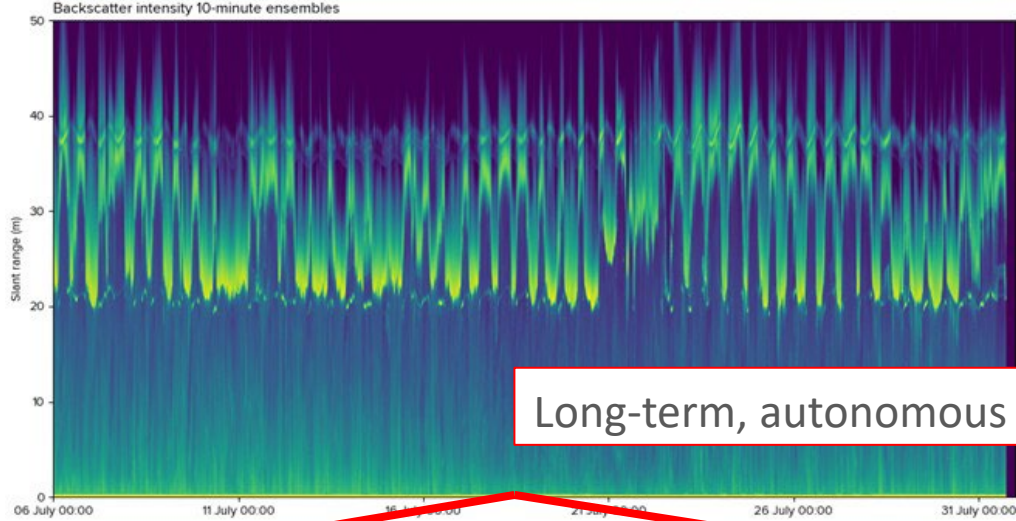
Integrated release & popup

Bedframe to hold ADCP, batteries, sensors

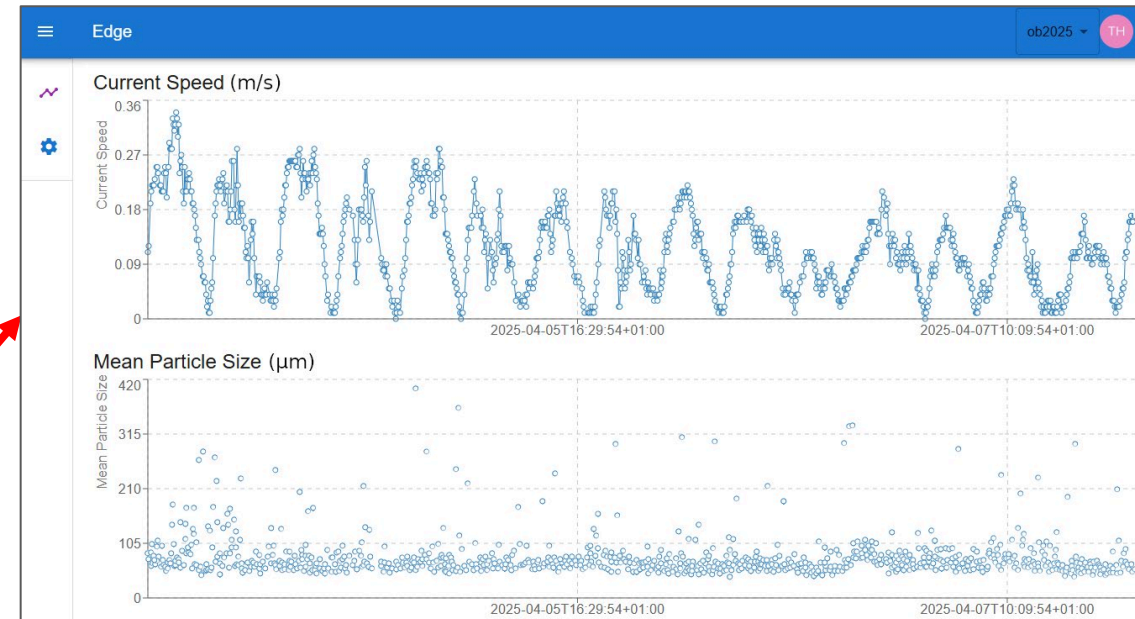
Origin 600 ADCP



TARGET MARKET



- Site operators – reduce costs:
 - Fewer humans offshore
 - Automated
 - Multiple parameters



IMPACT

- ADCP capability readily available
- Absolute calibration now possible
- Live, remote reporting available
- Residual risk around biomass estimation





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