

Lab Station Well boat - LSWB

Challenge

During transport of fish, the water quality may change rapidly, and conditions can quickly turn detrimental for the fish.

Solution

Blue Unit offer a solution where you can monitor your water quality continuously in your on-board tanks. With continuous, rapid sampling, changes can be caught before the conditions turn into mortality among the fish.

How it works

Pneumatic sampling pumps (PSP's) sample water and are typically located inside the fish tank/well.

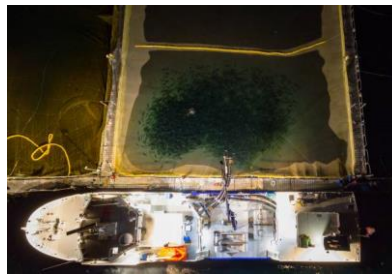
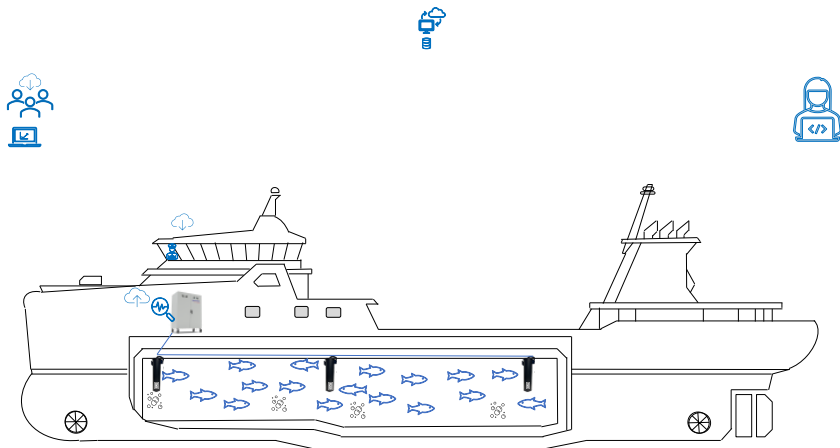
The pumps deliver water to Lab Station centralized analyser frequently and measuring the water quality at a frequent basis.

The pumping hoses are cleaned with pressurised air between the samples to ensure a representative sample each time.

Data is stored in the cloud for alarm generation, historic visualisation and reporting.

Add On's

Salinity, Turbidity, H₂S and particles can be added. Other parameters can also be added upon request but could be subject to testing before implementation.



Picture from 'stock'

Parameters

- ✓ CO₂
- ✓ O₂
- ✓ pH

Optional

- ✓ Salinity
- ✓ Turbidity
- ✓ H₂S
- ✓ Particles

Benefits

- ✓ Works 24/7
- ✓ Detects changes early.
- ✓ Easy to install at your Well boat.
- ✓ Flexible amounts of pumps (sample points)
- ✓ Can cover several Wells.
- ✓ Can have several locations in same Well.
- ✓ Easy to clean.
- ✓ Low risk of sensor breakdown
- ✓ Strong visualisation platform
- ✓ Cloud Storage of data
- ✓ Other sensors can be added at later stage.
- ✓ One Cabinet – Several sensors
- ✓ Dry installation of pumps or submerged installation