

Info

Sensor list

| Type | Parameters | Manufacturer | Reseller | Model | S/N |
|----------------|-----------------------------|-----------------|-----------|--------------|----------------|
| Wave sensor | Hight, Direction, Frequency | Seaview Systems | Fondriest | SVS-603HR | wave01055 |
| Modem buoy | - | Nexsense | Fondriest | X2-CB-R-DG24 | 2488-21J01-001 |
| Modem computer | - | Nexsense | Fondriest | X2-RB-DG24 | 2487-21J01-001 |
| Buoy | - | Nexsense | Fondriest | CB-450 | 0438-21H19-001 |

Data set list

- LéXPLORE Wave Buoy
<https://www.datalakes-eawag.ch/datadetail/885>

System integration

Buoy is placed within LéXPLORE perimeter and outputs Wave Hight, Period and Direction.

Annex list

- CB-450-Data-Buoy-User-Guide_print.pdf
- CB-450_QSG.pdf
- CB450_datasheet.pdf
- SVS-603HR User Manual.pdf

Accessories & Spare parts

Accessories

Spare parts

Maintenance/cleaning

Factory recommendation

Replace RTC battery (3V BR1225) on sensor electronics every 2 years.

Buoy batteries should be replaced every 3-5 years, if the charge ever falls below 10.5V.

Material:

Procedure:

Calibration (per sensor type)

Factory recommendation

Compare to other Wave measurement.

Maybe avec ADCP, to check if possible

Material:

Procedure: