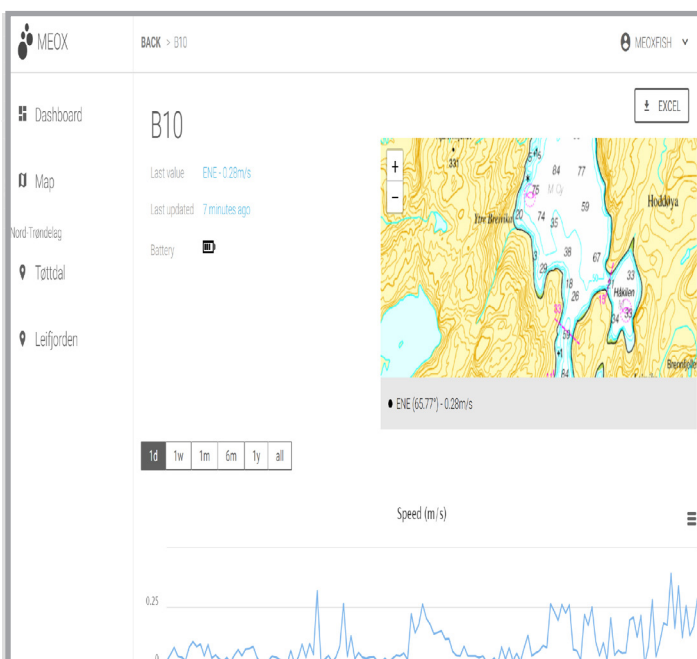


# Wireless water current monitoring

Guardian xC measures speed and direction of currents in water. Guardian xC will provide momentary information about the water movements. Guardian comes with web page solution and cloud storage of all data.



Guardian is floating buoy equipped with a new type of doppler sensors and data processing unit. The measured data is transmitted via GSM to a cloud-based storage and web page for further data management.

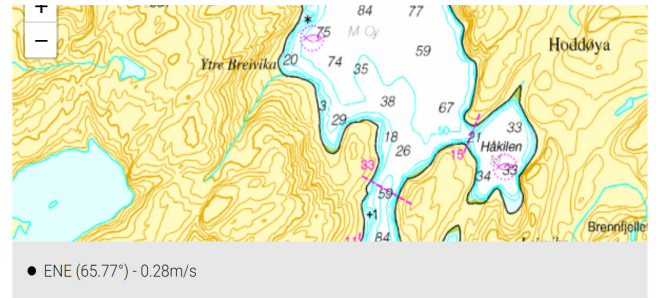


- ▶ Measures at several depths
- ▶ User friendly presentation on web
- ▶ Overview over several byous
- ▶ Up to 12 month battery time
- ▶ 100 % wireless (GSM)
- ▶ Automatic tilt compensation

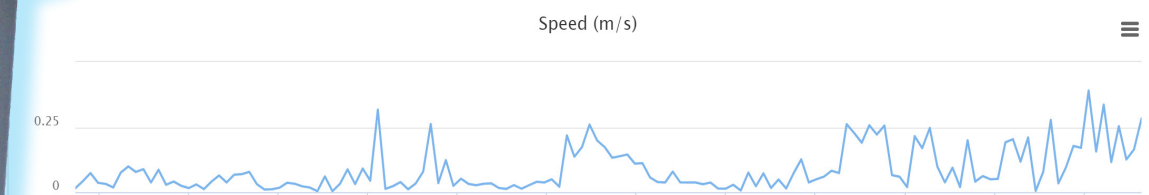
**BIO**   
**MARINE**  
- part of OxyVision

# Guardian xC makes mapping the local current easy. Wireless, simple to use and with data presentation on the web.

Knowing the local water currents is crucial for good management in fish farming. With Guardian xC you can map and monitor the water current at all times. The measurements are sent with GSM to a cloud based storage server. All data is stored and is available at dedicated web page.



1w 1m 6m 1y all



Guardian xC	Measures
Single measurement	set depth 0-15 meters
Profile measurement	at 5, 10 and 15 meters depth

*User friendly menu on website to see data, set alarms and create reports.*

*The presentation of data will automatically be presented with other Guardian systems.*

All data are stored in a cloud based database

Read measurements and data on a dedicated web page.

Watch trends online and export data in PDF or EXCEL formats.

## Co-invented with fishfarmers

Guardian xC has been developed in close cooperation with fishfarmers. The aim has been to create a wireless current measuring system, easy to use in daily operation, even at exposed farm sites.

## Trends and documentation

Guardian xC is a new stand alone system for monitoring key data about currents at fishfarms. Guardian stores all collected data, which can be managed along with other Guardian systems.

## Robust fabrication

Guardian has been designed for a rough environment, and is thoroughly tested on fish farms. Guardian requires no calibration or special maintenance.



**Bio Marine AS**  
post@biomarine.no  
Tel. + 47 97 66 06 33  
www.biomarine.no