

# Flemish government

## Simon Stevin low noise research vessel - 2012

This multifunctional research vessel is applied as a part of the Flemish Government DAB fleet and built at the Damen Shipyard "Maaskant".

It will be deployed for various research tasks, the silent mode makes it possible to carry out measurements according the ICES 209, which is one of the highest standards.



### Specifications

- ✓ BIMAC vessel management system
- ✓ 3 x diesel generators 600 kVA
- ✓ 1 x 690 V switchboard
- ✓ 6 x frequency drives
- ✓ 525 kW propulsion motors

Bakker Sliedrecht takes care of the complete electrical systems and installation on a turn-key basis. Energy generation is done by three diesel-generator sets of 600 kVA, 3x690 V - 50 Hz, supplying a 690 V switchboard which feeds the two 6-pulse frequency drives for controlling the propulsion motors of 525 kW. Furthermore a BIMAC vessel management system is provided.