

RV SIMON STEVIN

multidisciplinary coastal research vessel

The field of marine scientific research in Belgium comprises about a thousand scientists and technicians spread over some one hundred marine research groups affiliated with universities and scientific institutions. RV Simon Stevin was built in close consultation with these scientists. The Flemish research vessel caters to their needs in terms of infrastructure, measuring equipment, sampling equipment and time at sea.

The vessel sails in the Southern Bight of the North Sea and the eastern part of the English Channel.

RV Simon Stevin has a wide range of coastal oceanographic research capabilities:

- ☐ Physical oceanography
- ☐ Fisheries research
- ☐ Marine biology
- ☐ Microbiology
- ☐ Chemical oceanography
- ☐ Geochemistry
- ☐ Technology
- ☐ Maritime archaeology
- ☐ Marine pollution
- ☐ Earth sciences
- ☐ ...

The research vessel also serves as a training platform for students from marine scientific and maritime study programmes and as a test platform for new technologies. In addition, educational trips for schools are organised aboard the vessel.

The coastal research vessel's name refers to Flemish intellectual jack-of-all-trades Simon Stevin (1548 Bruges). This is in recognition of his numerous maritime and hydraulic engineering achievements. Simon Stevin published works on locks, dike construction, dredging techniques, pumping systems and ship stability, among other things, and he introduced the land yacht into Europe.



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Shipowner

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RV SIMON STEVIN

- 1 □ Sonar technologies mounted in the keel
- 2 □ Steering gear (2x)
- 3 □ Main winches (2x)
- 4 □ Diesel generator set (3x)
- 5 □ Electric propulsion motor (2x)
- 6 □ Switchboard room
- 7 □ Scientists' cabin (5x)
- 8 □ Stern A-frame, lifting height: 5 m
- 9 □ Net drum
- 10 □ Side A-frame, lifting height: 3 m
- 11 □ Wet lab: 16 m²
- 12 □ Dry lab: 12 m²
- 13 □ Mess / meeting room: up to 20 persons
- 14 □ Galley
- 15 □ Crew cabin (4x)
- 16 □ Crane for embarking and disembarking loads
- 17 □ Telescopic arm for handling oceanographic gear
- 18 □ Multifunctional lifeboat
- 19 □ Cabins for the captain & the chief engineer
- 20 □ Computer lab
- 21 □ Foremast equipped with scientific sensors
- 22 □ Navigation console
- 23 □ Aft deck console
- 24 □ Crow's nest for surveying seabirds & marine mammals

MAIN CHARACTERISTICS

- Length 36 m
- Beam 9.4 m
- Draught 3.5 m
- Maximum speed 12 kn
- Year of construction 2012
- Shipbuilder Damen Shipyards Group
- Flag Belgium
- Port of registry Ostend
- IMO number 9622681
- Crew 7 for day trips
10 for overnight trips
- Scientists Up to 20 for day trips
Up to 10 for overnight trips
- Working area Southern Bight of the North Sea & eastern part of the English Channel

PARTICULARS

- Multibeam echosounder for seabed characterisation
- Singlebeam echosounder for bathymetry
- Acoustic current meter & speedlog
- Stern A-frame & side A-frame on the starboard side
- Underwater robotic ROV 'Genesis'
- Workboat RIB Zeekat
- Extensive range of sampling equipment
- Dynamic Positioning System
- Diesel-electric drive
- Silent ship in accordance with ICES 209 standard
- Engine international air pollution prevention certificate in accordance with IMO
- Low-sulphur fuel
- Energy recycling
- Antifouling system in accordance with IMO

