

New Hydrographic Survey Vessel



“Hondius” the new Hydrographic Survey Vessel for the Flemish Hydrography.

Overview

On May 7th 2012 a new Hydrographic Vessel, the “Hondius”, was christened. The Hondius is owned by VLOOT, of the Agency for Maritime and Coastal Services. It will be used by the Flemish Hydrography for surveys on the River Scheldt, the Canal Ghent-Terneuzen and can also be used for surveys on the North Sea. It is specially designed for surveys in shallow waters.

The vessel is named after the Flemish Cartographer Jodocus Hondius (Wakken, Belgium 1563- Amsterdam 1612).



Jodocus Hondius

The Hondius is built by the Shipyard IdP in Ostend Belgium.

Technical Specifications

Length (OA) 17.6 m
Beam (OA) 5.58 m
Draft 1.7 m
Engines 2 * Scania DI12
Rating 294 kW/1800 rpm
Speed 10.8 knots
Fuel 3 m³

Navigation and Communication Equipment

Radar : RHM Inland River Radar RHS-2005RC
GPS : Furuno GP-32
Magnetic compass: Radio Zeeland Sigma 345
AIS : Furuno Inland FA-150 UAIS
VHF : Sailor RT 5022 VHF-DSC
Sailor RT 2048 – DSC (Atis)

Deck

Hydraulic Crane : Heila HLM 2-1S
Davits & Winches : 2 davits with winch EMCE A 30 H

Hydrographic Survey Equipment

Singlebeam Echosounder : Odom MKIII & Airmar Transducers
Multibeam Echosounder : R2Sonic 2020 Dual Head
Side scan sonar : Edgetech 4200 (dual Frequency: 300/600kHz)
Motion sensor : Octans 3000
Sound velocity sensor : Mini SVS
Sound velocity sensor : Mini SV
RTK position system : Septentrio AsteRx3 (MGB-tech housing), Digi Modem & GSM Modem