GENERAL
Yard reference Yard nr. 391, 392
Launched 2003/2003
commissioned: December 2003/April 2004
Basic functions Hydrographic and Oceanographic survey, Oil spill recovery, Training Coast Guard, Disaster Relief, Search and Rescue, Fishery Inspection, Pollution Control, Training
Classification DNV 1A1 E0, NAUT-OC, ICS, CRANE

DIMENSIONS
Length o.a. 81.42 m
Beam mld 13.10 m
Depth 7.25 m
Draught (approx.) 4.00 m
Displacement 1900 tonnes

TANK CAPACITIES
Fuel: 387 m³
Fresh water: 96 m³
Water ballast: 375 m³
Grey water: 62 m³
Black water: 32 m³

PERFORMANCE
Speed 12.5 knots
Range at 12.5 knots 4300 nm
Endurance 14 days at sea

PROPULSION SYSTEM
Engines 3 x Caterpillar 3412 C DITA main dieselgenerators, 700 kW each
Propulsion Engines 2 x Indar AC-450-L-6 electric motors, 575 kW each
Gearbox 1 x single input/single output
Propellers 1 x Lips fixed pitch propeller
Bow thrusters 1 x bow thruster

DECK EQUIPMENT
Deck crane 6 tonnes at approx. 11 m, knuckleboom
A-frame 4 tonnes
L-frame 4 tonnes
Boat 1 x 9.5 m RHIB type survey boat
Hydrographic survey winch 3

ACCOMMODATION
Fully air-conditioned accommodation for 42 persons, containing messroom, dayroom crew, dayroom petty officers, dayroom officers, dayroom commanding officer.

NAUTICAL EQUIPMENT

HYDROGRAPHIC EQUIPMENT
Kongsberg Simrad EA 600 hydrographic single-beam echo sounder
Kongsberg Simrad EM 3000D multi-beam echo sounder
Photonetics OCTANS motion sensor
Brooke Ocean Technology MVD 100 moving vessel sound velocity profiler
Klein 5000 side scan sonar
Furuno CH250 hull-mounted searchlight sonar
Marine Magnetics Corporation towed magnetometer
Imtech draught measurement system
Ultra Short Base Line Sweep System
HYDROGRAPHIC SURVEY VESSEL “SNEILLIUS”, “LUYMES”