GENERAL
Basic functions:
- Multi-functionality through mission-specific exchangeable equipment modules
- Littoral and regional offshore
Classification
Lloyd’s Register 100 A1, LMC, UMS, DP(AM)

DIMENSIONS
Length o.a. 61.50 m
Length b.p. 56.70 m
Beam mld. 13.00 m
Depth mld. 6.10 m
Draft summer (base) 3.00 m
Deadweight (summer) 1600 t
Cargo deck area 280 m²
Deck load (at 1 m above deck) 110 t

TANK CAPACITIES
Ballast water 170 m³
Fuel oil (service) 300 m³
Potable water (service) 130 m³
Sewage 100 m³

PERFORMANCES (APPROX.)
Speed (at summer draught) 14 kn
Bollard pull 30 t

PROPULSION SYSTEM
Main engines Diesel-Electric, 440 V - 60 Hz
Propulsion power 4x 940 kW @ 1800 rpm
Propellers 2x 2400 mm azimuth type FPP propellers in nozzle
Bow thruster 2x 400 kW, 900 mm FPP
Rudders 2x Azimuth type rudder propellers;

AUXILIARY EQUIPMENT
Networks
- 440 V, 60 Hz 3 ph
- 220 V, 60 Hz 1 ph
Main generator sets
- 2x 175 kW @ 1800 rpm
Emerg. generator set
- 1x 99 kW @ 1800 rpm

DECK LAY-OUT
Anchor mooring winch 1x Electric-hydraulic anchor/mooring winch with 2x warping heads
Capstans 2x Electric, each 3 t pull
Deck crane 1x knuckle boom, 15 t SWL @ 11 m
Store crane 1x knuckle boom, 11 SWL @ 10 m
A-frame 5 t SWL
Towing 1x Smith bracket
Fast rescue craft 2x Damen inboard/outboard RHIB 750

ACCOMMODATION
Crew 13 persons
Special personnel 30 persons

NAUTICAL AND COMMUNICATION EQUIPMENT
Radar systems 2x X-band
GMDSS Area A2

HYDROLOGICAL AND OCEANOGRAPHIC EQUIPMENT
Multi-beam sonar 3 m - 3500 m
Under water acoustic positioning 2x
Motion reference 2x

MISSION AND CARGO CONTAINERS
Container capacity 6x 20 ft. standard container
MULTI ROLE AUXILIARY VESSEL 1600
MRAV 1600