GENERAL VESSEL DESCRIPTION

Vessel type: Theatre Support Vessel
Material: Aluminium alloy
Hull form: Round bilge, bulbous bow, catamaran
Deadweight (maximum): 790 tonnes

PRINCIPAL DIMENSIONS

Length overall: 101.0 metres
Length (waterline): 86.2 metres
Beam (moulded): 26.7 metres
Hull Depth (moulded): 9.4 metres
Draft: 4.3 metres

CARGO DECK

Usable area: 2,490 m²
Clear height Centre: 5.1 and 4.6 metres
Side: 2.7 metres
Mezzanine: 2.0 metres
Deck strength Centre (single wheel): 12 tonnes/axle
(dual wheel): 15 tonnes/axle
Side: 3.0 tonnes/axle
Mezzanine: 1.2 tonnes/axle

PERSONNEL DECK

Crew accommodation: 26
Personnel seating: 900
Options: Configuration fully flexible

TANKAGE

Fuel: 368,000 litres
Water: 20,000 litres

PROPULSION

Main engines: 4 x Caterpillar 3618
4 x 7,200 kW @ 1,050 rpm
Gearboxes: 4 x Reintjes WJ 6831
Waterjets: 4 x Rolls Royce KaMeWa 125 Sll

PERFORMANCE (with Ride Control fitted)

Speed (90% MCR): 36.0 knots
Fuel consumption: 5.3 tonnes/hour

CLASSIFICATION

Germanischer Lloyd
100 A5 HSC-B OC3
USA Flag
AUSTAL TSV 101

Vessel type: Theatre Support Vessel