LANDING UTILITY VESSEL 1608
CONCEPT

GENERAL
Project number STD
Basic functions Ro-Ro and dry cargo transportation, aquaculture support operations
Classification MCA CAT2 Workboat
Flag UK

DIMENSIONS
Length overall (excl. ramp) 16.5 m
Beam moulded 7.5 m
Depth moulded 2.5 m
Design draught (hull) 1.7 m
Displacement (@ design draught) 141 t
Cargo deck area 80 m²

CAPACITIES
Fuel oil 4.6 m³
Potable water 1.5 m³
Deck loading 2.5 t/m²
Cargo Capacity (@design draught) 40 t

PERFORMANCES
Speed (@ design draught) 8.0 kn
Bollard pull 5.7 t

PROPULSION SYSTEM
Main engines 2x Volvo D9A2L-MH/1
Total power 522 bkW (710 bhp) @ 1800 rpm
Gearboxes 2x ZF W325 (ratio 3.407 : 1)
Propellers Ø1150 mm, CPP
Steering 2x Fishtail rudders, interconnected

ELECTRICAL EQUIPMENT
Networks 240 V @ 50 Hz
Main generator set 1x Cummins Onan MDKDL QD 7kVA 50Hz

DECK LAY-OUT
Anchors 2x HHP anchors
Capstans 1x Tenfjord 3t and 1x 5t, hydraulically driven
Deck crane 1x HS AK 67 E4
Bow ramp 3200 x 3600 mm, operated via hydraulic cylinders

SECONDARY SHIP SYSTEMS
Cooling system Grid coolers
Hydraulic system Gearbox driven
Sanitary system Cinderella toilet
Bilge ballast system Includes deck wash connection/fire hydrant connection

ACCOMMODATION
A ventilated and heated day accommodation for 8 people is fitted. The accommodation includes a toilet, drying locker, pantry/ mess room and a wheelhouse. The wheelhouse offers an off watch seating area and navigation console.

NAUTICAL AND COMMUNICATION EQUIPMENT
External communication 2x ICOM VHF
Nautical systems Radar, AIS, GPS plotter, echosounder, hydraulic autopilot, Francis searchlight FR230CP

NOTES
All data presented is approximate, preliminary and is subject to change without prior notice. Artist impression and general arrangement plan may show optional equipment.