GENERAL
Yard number: 552044-45
Basic functions: Offshore Supply
Classification: 100A1 Offshore Supply Ship, SG 2.8 (MUD tanks), EP (IHM, OW, P), WDL (5 t/m²), LMC, UMS, DP(AA), CAC 3, Fi-Fi 1 with water spray, !WIS, IBS, NAV-1
Descriptive note: Green Passport

DIMENSIONS
Length o.a.: 80.00 m
Beam mld.: 16.20 m
Depth mld.: 7.50 m
Draught summer: 6.15 m
Deadweight (summer): 3480 t
Total deck area: 720 m²
Deck load: 1450 t
(at 1 m above deck)
Gross tonnage: 3050 GT

TANK CAPACITIES
Ballast / drill water: 1460 m³
Fuel oil (service): 400 m³
Potable water: 800 m³
Fuel oil / base oil: 895 m³
Liquid mud / brine: 865 m³
Dry bulk: 250 m³

PERFORMANCES (APPROX.)
Speed (at 5.00 m draught): 13.5 kn

PROPELLION SYSTEM
Main engines: Diesel-Electric, 690 V, 60 Hz
Propulsion power: 2x Electric motors of 1500 kW each
Azimuthing thrusters: 2x 2300 mm FP propellers in nozzles
Bow thrusters: 2x 735 kW, 1740 mm, FPP

AUXILIARY EQUIPMENT
Networks: 690 V, 440 V and 230 V - 60 Hz
Main generator sets: 2x 1360 ekW at 1800 rpm
Emergency/harbour gen. set: 1x 238 ekW at 1800 rpm
Shore supply: 1x 200 A
Heating: Electric boiler combined with waste heat system

DECK LAY-OUT
Anchor mooring winch: 1x Electric-hydraulic, with 2 warping heads and rope storage drums
Capstans: 2x Electric-hydraulic, each 5 t pull
Deck crane: 1x Knuckle boom 1.4 t at 16 m (harbour)
Tugger winch: 2x Electric-hydraulic, each 10 t pull

CARGO HANDLING SYSTEM
Fuel oil / base oil pumps: 2x 150 m³/h
Fresh water pumps: 2x 150 m³/h
Drill water pumps: 2x 150 m³/h
Liquid mud / brine pumps: 2x 75 m³/h
Dry bulk compressor: 2x 75 t/h
Liquid mud systems: Agitators, circulation system, hot-water tank cleaning system

ACCOMMODATION
Crew: 16 persons
Passengers: 10 persons
Cabins provided with Internet, telephone and satellite TV.

NAUTICAL AND COMMUNICATION EQUIPMENT
Nautical
Radar X-band + S-band, ECDIS, Conning
DP-system: DP-2
GMDSS: Area A3

OPTIONS
Oil recovery notation
Exhaust gas cleaning system (SCR)