GENERAL
Basic functions
Offshore supply, towing and anchor handling operations
Classification
1A1, SF, EO, Offshore Service Vessel, SUPPLY, ANCHOR HANDLING TOWING, DPS-1

DIMENSIONS
Length o.a.  61.30 m
Length b.p.p.  54.50 m
Beam mld.  14.00 m
Depth mld.  6.00 m
Draught summer (base)  5.00 m
Deadweight (summer)  1400 t
Cargo deck area  350 m²
Deck load (at 1 m above deck)  450 t

TANK CAPACITIES
Ballast water  280 m³
Fuel oil  560 m³
Potable water  400 m³
Liquid Mud  280 m³
Drill water  340 m³
Dry Bulk  150 m³

PERFORMANCES (APPROX.)
Speed (at summer draught)  12.5 kn
Bollard pull  75 t

PROPELLION SYSTEM
Main engines
2x 2200 kW at 1800 rpm
2x 2800 mm, CPP in optima nozzles
Propellers
2x 500 kW, 1300mm, FPP

AUXILIARY EQUIPMENT
Networks
900 V DC, 440 V AC and 230 V AC
Generator sets
2x 400 kW each at 1800 rpm, 440 V, 60 Hz
Shaft generators
2x 800 kW each at variable speed
Emerg./ harbour generator set
1x 75 kW at 1800 rpm, 440 V, 50 Hz

DECK LAY-OUT
AH/Towing winch
1x Hydraulic, double drum, 150 t pull, 160 t brake, 850 m of 52 mm wire
Towing pins
2x SWL, 100 t, hydraulic
Shark jaw
1x SWL, 250 t, hydraulic
Stern roller
1x SWL, 250 t, ø 1.5 m, 3.5 m length
Tugger winches
2x hydraulic, each 10 t pull
Capstans
2x electric-hydraulic, each 5 t pull

CARGO HANDLING SYSTEM
Ballast pumps
2x 100 m³/hr
Fuel oil pumps
2x 100 m³/hr
Fresh water pumps
2x 50 m³/hr
Liquid Mud pumps
2x 50 m³/hr
Liquid Mud system
Agitators, circulation system
Dry Bulk system
1x 50 t/hr

ACCOMMODATION
Crew
15 persons
Passengers
4 persons

NAUTICAL AND COMMUNICATION EQUIPMENT
Radar systems
1x X- band + S-band, Ecdis, Conning
DP - system
DP 1
GMDDSS
Area A3

OPTIONS
Fire Fighting Ship 1
IMO DP Class 2