GENERAL FUNCTIONS
Multirole tug for terminal-, SBM- and FPSO support operations

CLASSIFICATION
Bureau Veritas or equivalent

I • Hull • Mach, Tug, Fire Fighting Ship
1—waterspraying, Special Service—
Standby rescue (100 survivors), Anchor
Handling Vessel, SP(20), •AUT-UMS,
• Dynapos AM/AT-R, Cleanship,
Inwatersurvey

DIMENSIONS
LENGTH O.A. 50.56 m
BEAM MLD. 14.50 m
DEPTH AT SIDES 7.25 m
DRAUGHT DESIGN 7.50 m
DEADWEIGHT 675 ton
DECK LOAD (1 M ABOVE DECK) 250 ton
WORK DECK AREA 210 m²

TANK CAPACITIES
FUEL OIL 599 m³
FRESH WATER 145 m³
BALLAST WATER 215 m³
SEWAGE 30 m³
DIRTY OIL 7 m³
BILGEWATER 26 m³
FOAM 25 m³
DISPERSANT 25 m³

PERFORMANCES (APPROX.)
SPEED (AT DESIGN DRAUGHT) 12.2 kn
BOLLARD PULL, MIN 100 ton

PROPELLION SYSTEM
MAIN ENGINES 2x ABC 16 DZC 900-166
TOTAL PROPULSION POWER 6368 kW
AZIMUTH THRUSTERS 2x CPP in nozzle
PROPELLER DIAMETER 3400 mm
BOW THRUSTER 2x Electric, 275 kW, FP

AUXILIARY EQUIPMENT
NETWORKS 230/400 V, 50 Hz
GENERATOR SETS 4x Volvo D13, 310 kVA
EMERGENCY GENERATOR 1x Volvo D9, 210 kVA,
Fresh water through box cooling
COOLING SYSTEM

DECK LAY-OUT
ANCHOR WINCH
CAPSTANS
TUGGER WINCH
DECK CRANE
AHT WINCH
TOWING PINS / CHAIN FORK
STERN ROLLER
RESCUE/WORKBOAT
FRC with davit
2x Electric with cable lifter and
warping head.
2x Electric, each 5 t pull
2x Electric, 10 t pull
1x Electric-hydraulic, 140 tnm.
1x Electric, waterfall type, 1x 1000 m
rope and 1x 1000 m wire, 250t brake
force 1e layer, 100t pull at 6 m/min
300t
2.5m diameter, 5m length
FRC with davit
2x Main engine drives pumps and 2
remote controlled monitors

ACCOMMODATION
For the crew a spacious air-conditioned accommodation with 9 cabins is
fitted, of which 5 are executed as double cabin. The accommodation
includes a large wheelhouse, ship’s office, gym, treatment room and
various stores.
For passengers 10 double cabins are fitted and for 100 survivors seats
are provided.

NAUTICAL AND COMMUNICATION EQUIPMENT
EXTERNAL COMMUNICATION
GMDSS A3, AIS
INTERNAL COMMUNICATION
X-band radar, ECDIS, DGPS, gyro,
echosounder
NAUTICAL SYSTEMS
DP-2

All data presented is preliminary and is subject to change without prior
notice. Artist impression and general arrangement plan may show
optional equipment. Options may impact performances.