TSHD750
YN563052 – Meotida

GENERAL
Yardnumber 563052
Delivery date August 2012
Basic functions Trailing suction dredging
Classification Bureau Veritas
Flag Ukraine
Owner State Enterprise “Mariupol Sea Commercial Port”

DIMENSIONS
Length o.a. 60.50 m
Length b.p.p. 55.25 m
Beam moulded 11.00 m
Depth moulded 4.00 m
Draught (summer) 3.18 m
Draught (dredging) 3.38 m
Deadweight 974 t
Hopper volume 750 m³

TANK CAPACITIES
Ballast water 205 m³
Fuel oil (service) 65 m³
Potable water (service) 35 m³
Sewage 30 m³

PERFORMANCES
Speed (dredging draught) 9.7 kn
Dredging depth 15 m

PROPULSION SYSTEM
Main engines 2x Diesel-Electric 690V/400V – 50 Hz
Propulsion power 2x 400 ekW at 1800 rpm
Propellers 2x 1200mm, FPP, azimuth in nozzle
Bow thruster 1x Jet water feed, 116 ekW Jet pump

DREDGE SYSTEM
Trailing suction system 1x 400 mm trailing suction pipe
1x electrical driven dredge pump
1x adjustable overflow
1x light mixture overboard
Discharge system 3x rod actuated bottom doors
1x self-emptying system
1x indication package
1x extended automation
1x dredge tracking

AUXILIARY EQUIPMENT
Networks 690V/400V/230v – 50 Hz
Generator sets 3x Volvo D16, each 470 ekW at 1800 rpm

DECK LAY-OUT
Anchor mooring winch 1x hydraulic, with two warping heads
Capstans 2x hydraulic, each 2 t pull
Deck crane 1x knuckle boom, 2.7 t at 8.6 m

ACCOMMODATION
Crew 10 persons

NAUTICAL AND COMMUNICATION EQUIPMENT
Radar system 1x X-band
GMDSS Area A3