



TSHD750

YN563052 – Meotida

GENERAL

Yardnumber	563052
Delivery date	August 2012
Basic functions	Trailing suction dredging
Classification	Bureau Veritas
	I, ✘Hull, ✘Mach, Hopper Dredger, unrestricted navigation, ✘AUT-UMS
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 m ³

TANK CAPACITIES

Ballast water	205 m ³
Fuel oil (service)	65 m ³
Potable water (service)	35 m ³
Sewage	30 m ³

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
Supporting systems	1x electrical driven jet water pump
Dredging software	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 8.6m

ACCOMMODATION

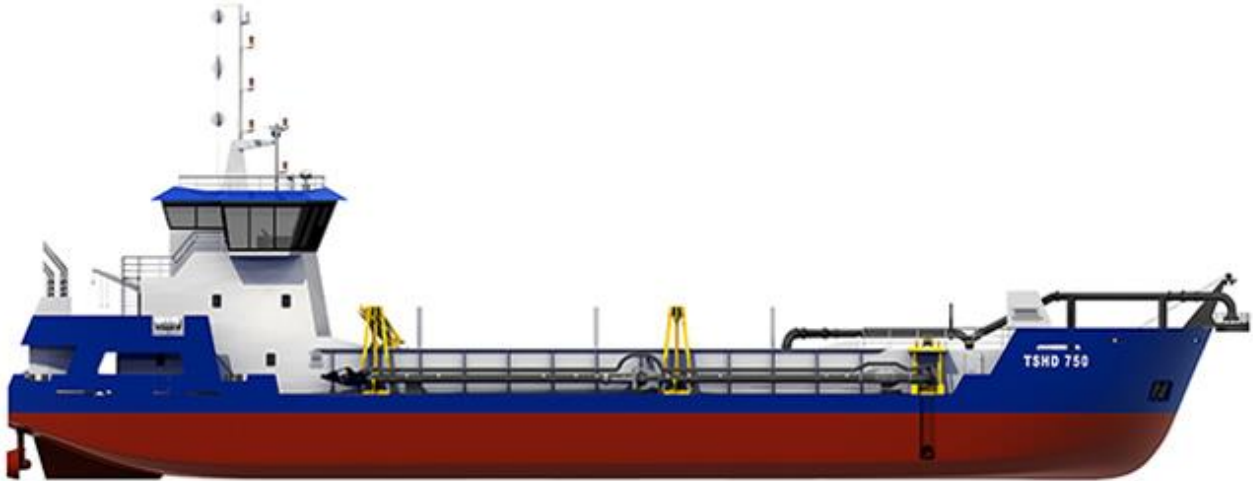
Crew	10 persons
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NAUTICAL AND COMMUNICATION EQUIPMENT

Radar system	1x X-band
GMDSS	Area A3

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