



TSHD750

YN563053 – Ingul'skiy

GENERAL

Yardnumber	563053
Delivery date	December 2012
Basic functions	Trailing suction dredging
Classification	Bureau Veritas
	I, *Hull, *Mach, Hopper Dredger, unrestricted navigation, *AUT-UMS
Flag	Ukraine
Owner	State Enterprise "Delta - Pilot"

DIMENSIONS

Length o.a.	61.10 m
Length b.p.p.	55.25 m
Beam moulded	11.00 m
Depth moulded	4.00 m
Draught (summer)	3.18 m
Deadweight	875 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)	8.5 kn
Dredging depth	15 m

PROPULSION SYSTEM

Main engines	2x CAT C18
Propulsion power	2x 300 kW at 1800 rpm
Propellers	2x 1050mm, FPP, azimuth in nozzle
Bow thruster	1x channel type, 980mm, FPP, 254 kW

DREDGE SYSTEM

Trailing suction system	2x 400 mm trailing suction pipe
	1x diesel driven dredge pump
	1x adjustable overflow
	1x light mixture overboard
Discharge system	6x rod actuated bottom doors
	1x self-emptying system
Supporting systems	1x diesel driven jet water pump
Dredging software	1x indication package
	1x extended automation
	1x dredge tracking

AUXILIARY EQUIPMENT

Networks	400V/230V – 50 Hz
Generator sets	2x CAT C6.6, each 143 ekW at 1500 rpm

DECK LAY-OUT

Anchor mooring winch	1x hydraulic, with two warping heads
Stern anchor winch	1x hydraulic
Capstans	2x hydraulic, each 2 t pull
Deck crane	1x knuckle boom, 2.7 t at 8.6m
Grab crane	1x diesel-hydraulic 8.0 t at 10.0m, bucket 2.5 m ³

ACCOMMODATION

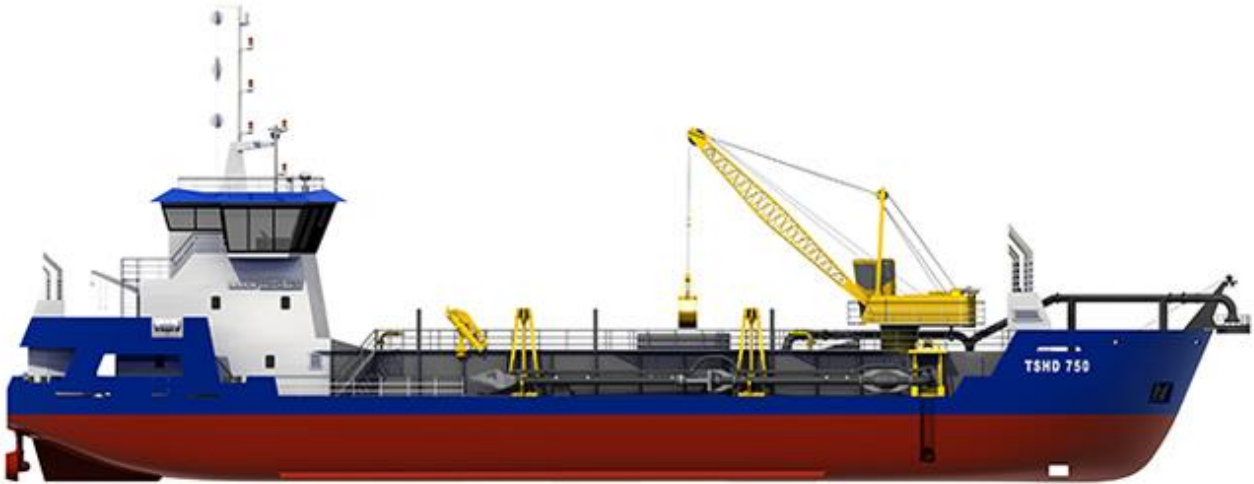
Crew	10 persons
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NAUTICAL AND COMMUNICATION EQUIPMENT

Radar system	1x X-band
GMDSS	Area A2

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