TSHD650
YN563054 – Tommy Norton

GENERAL
Yardnumber 563054
Delivery date October 2017
Basic functions Trailing suction dredging
Classification Bureau Veritas
I, *Hull, *Mach, Hopper Dredger, unrestricted navigation – dredging within 15 miles from shore or within 20 miles from port. *AUT-UMS, INWATERSURVEY, PROTECTED FO TANKS, GREEN PASSPORT
Flag Australia
Owner Gippsland Ports

DIMENSIONS
Length o.a. 60.37 m
Length b.p.p. 55.60 m
Beam moulded 12.00 m
Depth moulded 4.00 m
Draught (summer) 3.18 m
Draught (dredging) 3.50 m
Deadweight 1130 t
Hopper volume 650 m³

TANK CAPACITIES
Ballast water 82 m³
Fuel oil (service) 92 m³
Potable water (service) 59 m³
Sewage 34 m³

PERFORMANCES
Speed (dredging draught) 10.3 kn
Dredging depth 15 m

PROPULSION SYSTEM
Main engines 2x CAT C18
Propulsion power 2x 447 kW at 1800 rpm
Propellers 2x 1300mm, FPP, azimuth in nozzle
Bow thruster 1x channel type, 1020mm, 254 kW

DREDGE SYSTEM
Trailing suction system 1x 400 mm trailing suction pipe
Discharge system 2x rod actuated bottom doors
Supporting systems 1x self-emptying system
Dredging software 1x indication package

AUXILIARY EQUIPMENT
Networks 400V/230V – 50 Hz
Generator sets 2x CAT C9, 150 ekW at 1500 rpm
Emergency generator set 1x CAT C4.4, 49 ekW at 1500 rpm

DECK LAY-OUT
Anchor mooring winch 1x hydraulic, with two warping heads
Capstans 2x electric, 2 t pull
Deck crane 1x knuckle boom, 2.6 t at 8.7m

ACCOMMODATION
Crew 10 persons

NAUTICAL AND COMMUNICATION EQUIPMENT
Radar system 1x X-band
GMDSS Area A3
Click with cursor in the blank space above
2. Drag & Drop to insert Picture
3. Adjust Size of Picture

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