

Shoalbuster 2711 WID

'UKD SEADRAGON'



GENERAL

Yard number	571866 (Damen Shipyards Hardinxveld)
Basic functions	Water Injection Dredging (WID) ploughing, pushing, support, supply
Classification	Bureau Veritas I * HULL * MACH Special service Workboat Unrestricted navigation • AUT UMS
Emission regulations	IMO tier III certified
Flag	United Kingdom
Owner	MCA workboat Cat 1
Delivery date	UK Dredging March 2025

DIMENSIONS

Length overall	27,05 m
Length between perpendicular	23,35 m
Beam overall	11,63 m
Beam moulded	10,50 m
Depth	4,25 m
Draught aft	3,00 m
Cargo deck area	60 m ²
Gross tonnage	321 GT
British tonnage	233 GT

TANK CAPACITIES

Fuel oil	125,0 m ³
Fresh water	30,0 m ³
Sewage	4,7 m ³
Dirty oil	4,9 m ³
Lubrication oil	5,2 m ³
Bilge water	4,9 m ³
Hydraulic oil	3,0 m ³
Urea tank	8,4 m ³

PERFORMANCES (trails)

Bollard pull	25,3 t
Speed	10,5 kn

PROPULSION SYSTEM

Main engines	2x Danfoss, EM-PMI540-T4000, water-cooled
Single power	2x 777 kW @ 1760 rpm
Gearboxes	2x Reintjes AF 563 / 5,947:1
Propulsion	2x Promarin fixed pitch propeller
Propeller diameter	2x 1800 mm in Optima nozzle
Bowthruster (electrical)	1x Veth, VT-180, 145 kW, diameter 800 mm

AUXILIARY EQUIPMENT

Electrical system	Diesel electric execution with 750V DC power network
Generator sets	3x Volvo D16, 3x 694 kVA, 555 kW, 480 V, 60 Hz
Consumer generator set	1x Caterpillar C4.4, 1x 124 kVA, 99 kW, 50 Hz
General service pumps	2x Azcue CA50/7A, 30 m ³ /hr @ 3.2 bar
Fuel oil transfer pump	1x Azcue CA50/7A, 30 m ³ /hr @ 3.2 bar
Fresh water transfer pump	1x Azcue CA50/7A, 30 m ³ /hr @ 3.2 bar
Fresh water pressure set	2x DAB-E E.sybox Standard, 5.1 m ³ /hr @ 3.2 bar
Sewage pump	1x Libellula L1-3H, 6.6 m ³ @ 1.5 bar
Sewage treatment plant	1x Victor Marine FBFR Mini
Cooling system	Boxcoolers
HVAC system accommodation	Split units
Aftertreatment / SCR system	Mufflers IMO III
Lighting system	LED

DECK LAY-OUT

Anchor	2x 315 kg HHP with chain 192,5 m, Ø 19 mm
Anchor winch	2x Kraaijeveld, KAB-1-H-19
Deck crane	1x HS Marine AK 40 E3 5,7 ton @ 5,2 m / 2,3 ton @ 11,3 m

DREDGE EQUIPMENT

Hoisting winch	1x Kraaijeveld, SA-25-H-TR
Towing wire winches	2x Kooiman, 60 ton BHL
Hydraulic A-frame	Huisman Equipment SWL 30 ton
Working depth	5 m – 20 m
Plough	Steel plough 10 m width
WID	Damen Dredging Equipment EDOP 450L, 4000 m ³ /hr @ 2.5 bar Umbilical winch

ACCOMMODATION

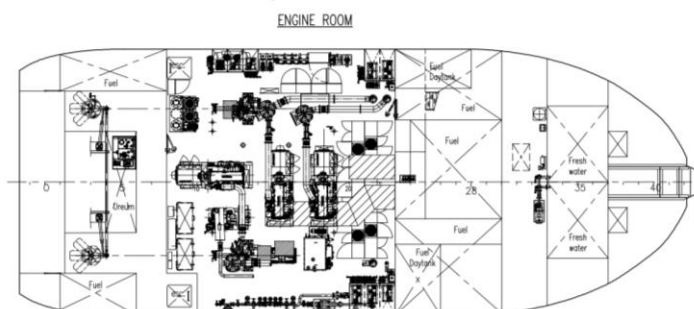
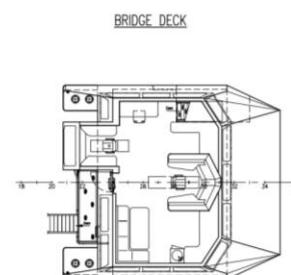
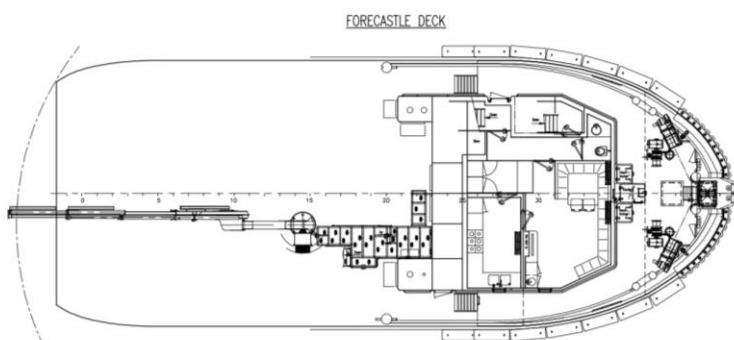
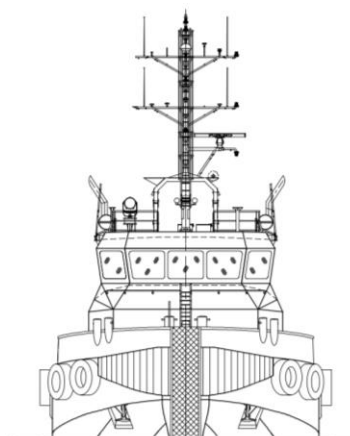
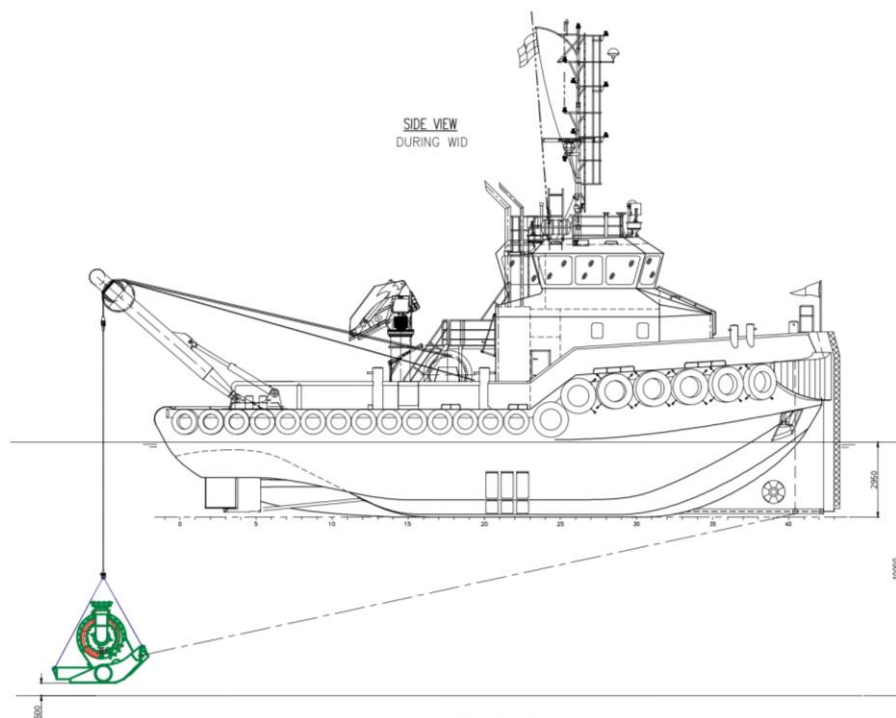
Heated and air-conditioned living spaces for 5 persons, according MLC regulations. Four cabins, sanitary spaces and a changing room are fitted at tanktop level. The galley, large mess and stores are fitted at forecastle deck.

NAUTICAL AND COMMUNICATION EQUIPMENT – GMDSS area A2

Searchlight	2x Pesch 2000W
Radar system	1x Furuno FAR1518BB
Magnetic compass	1x Cassens & Plath, Reflecta 1
Autopilot	1x Simrad, AP-70
Gyro compass	1x Tokyo Keiki, TG-8100
GPS	1x Furuno, GP-170D
ECDIS	1x Furuno, FMD-3100
AIS	1x Furuno, FA-170
Echosounder	1x Furuno, FE-800
Speedlog	1x Skipper, EML-224
Voyage data recorder	1x Danelec, DM100S-VDR
Intercom	1x Zenitel, CIS3101
Watch alarm	1x Furuno, BR-500
VHF / DSC	2x Cobham, Sailor 7222
Handheld VHF	2x Jotron, Tron TR-30
SSB	1x Cobham, Sailor 6310
Navtex	1x Furuno, NX-700B
Radio / TV aerial	1x Seas systems, SEAS-6000
Wind indicator	1x Obsermet, OMC-116

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