SHOALBUSTER® 2509
MURJAN 41

GENERAL
Yardnumber 571675 (Damen Shipyards Hardinxveld)
Delivery date Nov - 2018
Basic functions Towing, mooring, pushing, anchor handling, dredger support
Classification Bureau Veritas; I • Hull • MACH Tug
Unrestricted navigation • AUT-UMS
Flag Saudi Arabia
Owner Murjan Al-Sharq Marine

DIMENSIONS (approx.)
Length overall 25.03 m
Beam overall (incl. tires) 9.64 m
Beam moulded 9.00 m
Depth moulded 3.40 m
Draught (98% condition) 2.60 m
Light ship weight (Approx.) 256 ton
Deadweight 80 t
Cargo deck area 53 m²
Raised aft deck load 15 t/m²
Gross Tonnage 174 GT

TANK CAPACITIES (approx.)
Fuel oil 62.2 m³
Fresh water 22.4 m³
Dirty oil 3.1 m³
Sewage 4.7 m³
Hydraulic oil 0.9 m³
Lubrication oil 1.9 m³
Bilge water 0.9 m³
Gear oil 0.4 m³

PERFORMANCES (approx.)
Bollard pull max 30.0 t
Speed 11.5 kn

PROPULSION SYSTEM
Main engines 2x Caterpillar C32-TTA ACERT
Total Power 1790 bhp at 1800 rpm
Gearboxes 2x Twindisc MGX5325 6.39 : 1
Propulsion 2x Promarin fixed pitch propellers
Diameter 2x 1900 mm Optima nozzles
Bow thruster 1x 175 bhp, Hydraulic driven

AUXILIARY EQUIPMENT
Generator sets 2x Caterpillar C4.4 NA
Capacity 2x 47.5 KVA, 50 Hz, 230/400V
Transfer pump fo/fw For freshwater: SIHI, 34 m³/hr
For fuel oil: SIHI, 34 m³/hr
Fuel oil separator Alfa Laval MIB 303
Hydraulic set Caterpillar C-09 TA

DECK LAY-OUT
Anchor 1x 270 kg Pool HHP, 1 x 225 kg Pool HHP
Anchor chain 19 mm short-link anchor chain 137.5m
Anchor winch 1x Kraaijeveld, Hydraulically driven,
Deckcrane Heila AKC 120-4SL 4.3T @ 18.03 m
Anchor handling/ Towing winch 1x Kraaijeveld, KA-15-H/4TR/4TR
Towing winch Towing drum: 650Ø @ 6m/min, 40 ton @ 18 m/min
BHL = 81 ton
Anchor handling drum: 350Ø @ 6m/min, 8 ton @ 18 m/min,
BHL = 81 ton
A-frame 25 ton SWL
Towing pins / Sharkjaws WK: 65T-2AP-(1SJ(100T)-400
Tugger winch Kraaijeveld 8T @ 4.5 m/min

ACCOMMODATION
Heated and air-conditioned living spaces for 5 persons, consisting of a captain’s cabin, an
officers cabin, one single crew and one double crew cabin, a galley and sanitary facilities.

NAUTICAL AND COMMUNICATION EQUIPMENT – GMDSS A3
Search Lights 2x Pesch 3000 W
Compass 1x Kotter type with electric repeater
Gyro compass 1x Anschütz, Standard 22 compact
Radar system 1x Furuno, FAR-151BB
GPS 1x Furuno, GP-170
Autopilot 1x Simrad, AP-70
AIS 1x Furuno, FA-170
Echosounder 1x Furuno, FE-800
Speedlog 1x Skipper, EML-224
VHF radio telephone 2x Sailor, RT6222, 25W, 1x sailor 6248
GSM 1x Pepwave MAX BR-7 4G
Handheld VHF 2x Jotron TR-60 +4x Sailor SP3540 Atex
Navtex 1x Furuno, NX-700A
SSB (MF/HF receiver) 1x Sailor 6310 with DSC
Inmarsat - C 2x Sailor 6110
Bridge watch alarm 1x Furuno BR-500
Intercom 1x Phone tech, CIS3000
Wind indicator 1x Obsemert OMC 115