GENERAL
Yard number 545020
Delivery date March 2018
Basic functions Towing and mooring
Classification Lloyd's Register
Flag Malta
Owner Kotug Smit Towage

DIMENSIONS
Length overall 24.74 m
Beam overall 12.63 m
Depth at sides 4.60 m
Draught 5.80 m

TANK CAPACITIES
Fuel oil 71.2 m³
Fresh water 8.1 m³
Lubrication oil 7.0 m³
Bilge water 5.8 m³
Dirty oil 3.0 m³
Sewage 3.4 m³

PERFORMANCES
Bollard pull ahead 72.0 t
Speed ahead 12.7 kn
Speed astern 12.7 kn

PROPULSION SYSTEM
Main engines 2x Caterpillar 3516C TA HDvD
Total power 4200 kW (5632 bhp) at 1600 rpm
Azimuth thrusters Rolls Royce US 225 FP
Slipping clutches Rolls Royce “built in” type
Propeller diameter 2700 mm
Forced ventilation 60.000 m³/h

AUXILIARY EQUIPMENT
Generator sets 2x Caterpillar C4.4 TA, 230/400 V, 86 kVA, 50 Hz
Bilge/general service 2x Sterling AKHA 5101 20 m³/h
pumps 2x Sterling R35/40 3.4 m³/h
Fuel oil pumps 2x Coalescer filters incl. water separator
Fuel oil filters 2x PTUG 27/81 M2 – EZ PWZ
Fresh water pressure set Sterling AOHA 1202
Sewage pump Libellula L1-3H 6.6 m³/h
Cooling system Box cooling + anti-growth system
Hydraulic system One main engine driven pump on each main engine

DECK LAY-OUT
Anchors 2x 360 kg Pool (High Holding Power)
Anchor winch Electrically driven 10 m/min incl. vertical warping head
Towing winch aft Hydraulically driven split drum, pull 31 ton at 11.5 m/min, reduced
Fendering Cylinder + block stern fender, D-fender side/fore

ACCOMMODATION
For 4 persons, completely insulated and finished with durable modern linings, acoustical
ceiling in the wheelhouse, floating floor and air-conditioned. Accommodation above main deck
with a captain’s cabin, chief engineer’s cabin, one double crew cabin, galley, mess/dayroom
and sanitary facilities.

NAUTICAL AND COMMUNICATION EQUIPMENT
Searchlights 2x Norselight 2000 W
Radar system Furuno FAR 2117
Compass Cassens & Plath, type Kotter
Satellite compass Furuno SC-70
Autopilot Simrad AP-70
GPS Furuno GP-170
Echosounder Furuno FE-800
VHF 2x Sailor Compact 6222, 25 W
VHF hand-held 2x Jotron Tron TR-20, GMDSS approved
SSB Furuno FS-1575
AIS Furuno FA-150
Navtex Furuno NX-700A
EPIRB Jotron Tron-60S
Sart Jotron Tron Sart20
Anemometer Windsonic OMC 115