STAN TUG 1606
“PACINI”

GENERAL
Yard number 503192
Delivery date November 2016
Basic functions Towing, mooring, fire-fighting and survey operations
Classification Bureau Veritas
Flag Italy
Owner Fratelli Neri S.p.a. Livorno

DIMENSIONS
Length overall 16.76 m
Beam overall 5.94 m
Depth at sides 2.54 m
Draught aft 2.31 m
Displacement 96 t

TANK CAPACITIES
Fuel oil 14.2 m³
Fresh water 1.1 m³
Sewage 0.8 m³
Bilge water/sludge 0.5 m³

PERFORMANCES
Bollard pull 16.4 t
Speed 11.1 kn

PROPULSION SYSTEM
Main engines 2x Caterpillar C18 TA/B
Total Power 894 kW (1216 bhp) at 1800 rpm
Gearboxes 2x Reintjes WAF 264L 4.5:1
Propellers 2x Kaplan II fixed pitch propellers
Nozzles 2x 1350 mm Van de Giessen “Optima” with st. innerrings
Rudders 2x Streamlined, double plates
Steering gear Powered hydraulic 2x 45°, with rudder indicator

AUXILIARY EQUIPMENT
Generator set Caterpillar C2.2 NA, 230/400 V, 20.3 kVA, 50 Hz
Alternator 24 V 2x main engine driven
Battery sets 2x 24 V, 200 Ah with changeover, 1x 24 V, 80 Ah
Alarm system Engines, gearboxes, bilge alarm, fire detection engine room
Bilge general service pump Electrically driven, Sterling SIHI VWSI 5013, 15 m³/h
Fuel oil system Duplex filters, water separators + SOS valve
Cooling system Closed cooling system
Water system Electrically driven fresh water hydrophore 24 V
Ventilation 230 V, 30 liter
Fill set Diesel driven pump, 225 m³/h

DECK LAY-OUT
Anchors 2x 80 kg Pool (High Holding Power)
Anchor winch Electrical for one anchor
Coupl. winches/bollards 2x manually operated 25 ton each
Towing hook Mampaey disc type, SWL 250 kN/25 ton
Towing winch Hydraulically driven winch pull 7.5 ton at 10.9 m/min, 33 ton brake, wire capacity 200 m, diameter 24 mm
Push bow Cylindrical rubber fender diameter 380 mm
Liferaft 2x on top deck
Fendering Continuous rubber D-fender around hull 200 x 200 mm

ACCOMMODATION
For 4 persons, insulated and finished with durable modern linings, acoustical ceiling in the wheelhouse, floating floor and air-conditioned. The wheelhouse is fitted with a corner settee with table and a control position. Below deck a crew cabin for 4 persons, galley, sanitary facilities and a store are provided. Windows are fitted in aluminium frames.

NAUTICAL AND COMMUNICATION EQUIPMENT
Searchlight Pesch 250 W
Horn Ebuki E90
Radar Furuno FAR-2117
Compass Magnetic Kotter type
DGPS Furuno GP-170D
Echosounder Furuno FE-800
VHF radio Sailor Compact 6222 DSC
VHF handheld 2x Furuno TR-20, GMDSS approved
GMDSS Area 1 MED approved equipment
AIS Furuno FA-170
Navtex Furuno NX-700A
EPIRB Jotron Tron-60S
Sart Jotron Tron Sart 20