

M/TUG SMIT AFRICA (ex-BOGAZICI 2)

Principal Characteristics



General

Bureau Veritas IHULLMACH, escort tug, salvage tug, fire-fighting ship 1, water spraying, oil recovery, unrestricted navigation, AUT-UMS

IMO number 'Smit Africa' :9396232

Dimensions

Length over all :32.50 m
Beam over all :11.70 m
Draught :4.30 m
Gross tonnage :456 tonnes

Engines and propulsion

Main engines :2 x Caterpillar 3516B
Total power :4000 kW
Propulsion :2 x Schottel rudderpropellers SRP 1515 controllable pitch ASD
Propellers:2 x 4 bladed controllable pitch propeller CU3, counter rotating

Performance

Bollard pull ahead:68 tonnes
Bollard pull astern:64 tonnes
Speed ahead:13.5 knots

Bow thruster

Schottel transverse thruster STT 110T LK
Power:150 kW

Fire-fighting 1(fffi)

Fifi water/foam monitors:2 x FFS 1200/300 m3/hr
Fifi pumps:2 x FFS type SFP 250x350 1350 m3/hr
Water spray:curtain type, approximately 300m3/h via FFS APR150

Deck equipment

Anchor towing winch:DMT ATW H900kN, 200 tonnes brake load
Towing winch aft:Towing winch aft DTW 45x130 H2, 130 tonnes brake load, two wire drums 800 m and 400 m, 52 mm wire capacity
Towing hook:DTH 65 130P, standard working load 65 tonnes, test load 130 tonnes

Towing winch fore:12 strand single braid dyneema SK75 fibre, 200 m, 54 mm diameter, average breaking load 250 tonnes
Reel winder:DRW 4E 400 m wire capacity 52 mm
Chain stopper:DZR 24, 41 tonnes holding force
Stern roller:1000 x 3000 mm, 130 tonnes SWL
Aft deck:5 tonnes/m2, with capacity for 3 x 20 ft containers
Deck crane:15 tonnes/m lifting capacity 250 bar working pressure, 30 kW
Lift rafts:2 rafts each for 10 people
Rescue boat:Gepa

Tank arrangement

Fuel oil:279.51 m3
Foam:25.71 m3
Fresh water:42.69 m3

Nautical and communication equipment

Radar:2 x Sperry Marine Master E ATA 18 X Band
Satellite compass:Sperry Marine Navistar compass and repeater
Magnetic compass:Sperry Marine-C, Plath, Navipol I
Auto pilot:Sperry Marine-C, Plath, Navipilot V HSC G
GPS:Sperry Marine model LMX 420 GPS
GMDSS:Sailor GMDSS A3 area 150w dual SAT-C
Echosounder:Sperry Marine ES 5100
Chart plotter:Seiwa
VHF/DSC:2 x Sailor Compact RT5022
Navtex:Sailor (ICS) Navtex NAV5
MF/HF:Sailor GMDSS A3
Inmarsat:Sailor H2905C Inmarsat-C
Inmarsat mini-m:Sailor (T&T3064 A) mini-m Capsat
AIS:Sperry Marine model R4 AIS
Speed log:Speed log Sperry Marine electromagnetic log system Naviknot

Accommodation

Accommodation for 10 people, fully air-conditioned.