



SMIT HARBOUR TOWAGE COMPANY

a Smit International company



Harbour/Coastal Tugs

"Smit Japan"
"Smit Polen"
"Smit Siberie"
"Smit Nigeria"

2400 bhp
35 tons bp

GENERAL INFORMATION

Year of construction: 1986
 Builder: *Smit Japan, Smit Siberie:*
 "Barkmeijer" Stroobos B.V.,
 The Netherlands.
Smit Polen, Smit Nigeria:
 "Tille" Scheepsbouw B.V.,
 The Netherlands.
 Class: Bureau Veritas
 I 3/3 E + Tug Deep Sea +
 AUT-MS
 Flag: The Netherlands
 Call sign: Smit Japan PHOP
 Smit Polen PHOZ
 Smit Siberie PHPG
 Smit Nigeria PHOU
 Port of registry: Rotterdam

MAIN DIMENSIONS

Length o.a.: 28.60 m
 Breadth o.a.: 8.70 m
 Maximum draft: 3.46 m
 Gross tonnage: 236 GT
 Nett tonnage: 71 NT

ENGINES / PROPULSION

Type of propulsion: Two Promac Variable Pitch
 Propellers
 Horsepower: 2400 bhp, 1765 kW
 Bollard Pull: 35 tons
 Main engines: Two 6FCHD240 Stork Werk-
 spoor Diesel, each 883 kW
 Two Volvo Penta,
 each 43.75 kVA
 Generators:
 Fire Fighting: Cap. 300 m³/h/monitor,
 2 monitors
 Foam: Pump 20 m³/h at 17 bar
 Max. speed in ballast: 13,5 knots

Watch receiver: Sailor R 1119
 VHF installations: 2x Sailor RT 2047
 Hand held radio's: HX-340

TOWING EQUIPMENT

Towing winch: Van der Giessen IHC-DMN
 Hydraulic with warping
 head
 Maximum pull: 163 kN on 3rd layer
 Drum capacity: 800 m - 44 mm

BUNKER CAPACITY

Marine gasoil: 128 mtons
 Fresh water: 22 mtons
 Foam: 8000 liters

ACCOMMODATION

airconditioned
 4 single cabins

NAVIGATION AND COMMUNICATION EQUIPMENT

Gyro compass: Anschutz Gyrostar
 Automatic pilot: Anschutz Pilotstar
 Magnetic compass: Observer Pilot MK2
 Radars: Furuno FR 810 DA
 Rasterscan
 JMA 600 E
 Navtex: JRC 300 A
 Echo sounder: Furuno FE 606/Dogger 42
 Rate of Turn Indicator: RH Hoeker 30
 Speed log: Ben type Athena
 Radio transceiver: Sailor T 1127
 Aerial power: 400/800 watt
 Frequency range: 10 kHz - 30 kHz

