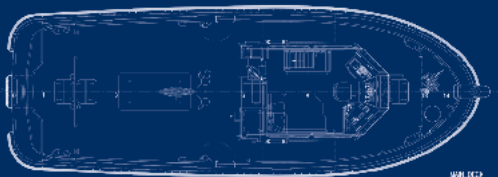
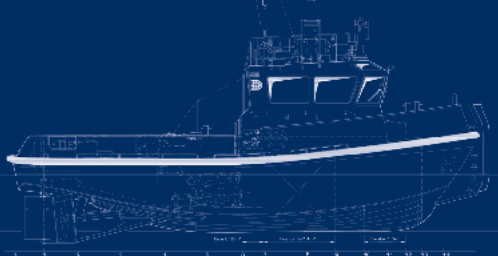




Red Bee & Red Ant

Towing ▶ Mooring ▶ Pushing ▶ Survey operations

Red Bee & Red Ant



Owner / Operator

P&O Repasa

Yard

503179

Completed

August 2014

Capabilities

Towing
Mooring
Pushing
Survey Operations

Class

Bureau Veritas
1 x Hull • MACH TUG
Coastal Area
incl. tonnage certificate

Flag / Home Port

St Vincent and the
Grenadines

Red Bee

Call Sign

J8B5146

Official Number

11619

IMO Number

N/A

MMSI Number

376491000

GPS Telephone

+240 551 977 886

E-mail

redbee@porepasa.com

Red Ant

Call Sign

J8B5145

Official Number

11618

IMO Number

N/A

MMSI Number

376714000

GPS Telephone

+240 551 977 988

E-mail

redant@porepasa.com

▲ DIMENSIONS

Length O.A.

16.78 m.

Beam O.A.

5.94 m.

Depth at Sides

2.54 m.

Draft AFT

2.22 m.

Displacement

89 ton

▲ ENGINES

Main Engines

2 x Caterpillar
C18 TA / B

Total Power

894 bkW (1216 bhp)
at 1800 rpm

Gearboxes

2 x Reintjes WAF
264L 4.5:1

▲ PROPULSION

Propellers

2 x Kaplan II fixed
pitch propellers

Nozzles

2 x 1350 mm Van de
Giessen "Optima" with
st.st. innerrings

Rudders

2 x Streamlined,
double plates

Steering Gear

Powered hydraulic
2 x 45°, with rudder
indicator

▲ PERFORMANCE

Bollard Pull Ahead

15.9 ton(m)

Speed

11.2 knots

▲ CAPACITIES

Fuel Oil

14.2 sqm

Fresh Water

1.1 sqm

Sewage

0.7 sqm

Bilge Water / Sludge

0.5 sqm

▲ CONSUMPTION

In Port

0,4 c.m.

Stand By

1,4 c.m.

Economic Speed

(9 Kts)

6,0 c.m.

Max. Speed (12 Kts)

9,0 c.m.

Full Towing

12,0 c.m.

▲ TOWING EQUIPMENT

Towing Hook

Mampaey disc type,
SWL 250 kN / 25 ton

▲ DECK EQUIPMENT

Anchors

2 x 80 kg Pool (HHP)

Chain (Tot.)

100 m shortlink chain
13 mm. diameter

Anchor Winch

Electrical for
one anchor

Push Bow

Cylindrical rubber
fender Ø 380 mm

Fendering

Continuous rubber
D-fender around hull
200x200mm

▲ NAVIGATION

Searchlight

Pesch 250 W

Horn

Ongaro - Electric

Radars

Furuno FR-8062

Compass

Magnetic Kotter

GPS

Furuno GP-32

Echosunder

Furuno LS-6100

▲ COMMUNICATIONS

V.H.F. Radio

Sailor 6248

V.H.F. Handheld

Furuno TR-20

EPIRB

Jotron Tron-40s

SART

Jotron Tronsart

▲ ACCOMMODATION

Cabins

4 persons

Others

Galley
Sanitary Facilities

▲ GENERAL

A.C.

Accommodation fully
air conditioned

Liferafts

2 x on top deck

Generator Set

Caterpillar C2.2 NA,
230 / 400 V,
20.3 kVA, 50 Hz

Alternator 24 V

2 x main engine driven

Battery Sets

2 x 24 V 200 Ah
(with changeover)
1 x 24 V, 80 Ah

Alarm System

Engines, gearboxes,
bilge alarm, fire
detection E.R.

Bilge / GS Pump

Elec. driven,
Sterling SIH
VWSI 5013, 15 m / hr

Fuel Oil System

Duplex filters, water
separators + SOS valve

Cooling System

Closed cooling system

Water System

Electr.driven freshwa-
ter hydrophore 24 V

Fresh Water Heater

230 V, 30 liter

Ventilation

Mechanical ventilation
in E.R. 10.500 m / hr