

ALP WINGER | 208^{mt} Bollard Pull

General Data

CALLSIGN

PBIU

FLAG

The Netherlands

PORT OF REGISTRY

Rotterdam

IMO NUMBER

9367504

BUILT

2007 - Mützelfeldt Yard, Cuxhaven

DESIGN

MAN Ferrostaal AG / Hitzler Werft

CLASSIFICATION

* **100 A5 E2 Offshore service vessel(AH) Tug DP(2)*** **MC E2 AUT, FF1**

DP NOTATION

DP 2

BOLLARD PULL

208 mt

MAXIMUM SPEED

16,0 kts

ECO SPEED

8,5 kts

Main Dimensions

LENGTH O.A.

65,00 mtr

LENGTH B.P.

60,27 mtr

BEAM O.A.

18,50 mtr

DEPTH TO MAINDECK

8,5 mtr

SUMMER DRAUGHT

7,50 mtr

DEADWEIGHT

3.389 mt

GROSS TONNAGE

2.789 mt

NETT. TONNAGE

836 mt

CARGO DECK AREA

297 m²

DECK LOAD

10 t / m²

CHAIN LOCKER CAPACITY

2x 33 m³

Crew occupation

TOWING – 15 crew | 24 hr DP – 16 crew |

24 AH DP – 17 crew

Accommodation

TOTAL ALLOWED PERSONS

24

CABINS

Single berth 10**Double berth 6****Four berth 1**

HOSPITAL

Single berth

Equipment

TOWING WINCH

Electr. driven 150/300 mt @ 10/5 m/min

BRAKE HOLDING LOAD

326 mt drum's 1st layer

DRUM CAPACITY

1.600 mtr steel rope, 76 mm Ø in 12 layers

CONTROL

Remote controlled from bridge

CABLE LIFTERS

1x 76 mm Ø and 1x 127 mm Ø

MAIN TOW WIRES

1.600 mtr x 76 mm Ø

SPARE TOWING WIRES

1.200 mtr x 76 mm Ø

WORK WIRES

400 mtr x 76 mm Ø

STORAGE REEL CAPACITY

1x 1.600 mtr x 76 mm Ø (Deck) and**1x 1.200 mtr x 76 mm Ø (ER)**

STERN ROLLER

2.000 mm Ø, total length 5.000 mm, 300 mt SWL

CAPSTANS

50 kN at 15 m/min (low speed),**25 kN at 30 m/min (high speed)**

TUGGER WINCHES

2x 100 kN pull @ 5 - 15 m/min 18 mm Ø

TOWING PINS

2x Karmoy set of 2 pins 300 mt SWL

KARM FORKS

2x Karmoy, 650 mt SWL,**inserts for chain 50 mm Ø - 125 mm Ø - 165 mm Ø**

QUARTER PINS

Retractable / Hydraulic

GIPSY WHEELS

Main winch STB side fixed 3 inch / 76 mm Ø,**Main winch PORT side fixed 5 inch / 127 mm Ø**

CRANES

2x Storecrane 5.2 mt SWL / reach 20 mtr

Tank Capacities

BALLAST WATER

323,5 m³

FRESH WATER

92,2 m³

MAIN ENGINES

2468 m³

AUXILIARY GENERATORS

166 m³

ENDURANCE AT FULL POWER

42 days

Machinery

MAIN ENGINES

2x MAK 6M 32C 3.000 kW, 2x MAK 8M 32C 4.000 kW

PROPELLERS

2x CPP Schottel SCP 1194 XC,**4.400 mm Ø in HR nozzles**

RUDDERS

2x Flap Type High Performance Rudders

BOW THRUSTERS

2x Electrically Driven Schottel STT 330 TLK CP,**400 kW, 1.470 Rpm**

STERN THRUSTERS

1x Electrically Driven Schottel STT 330 TLK CP,**400 kW, 1.470 Rpm**

GENERATORS

2x Caterpillar 3412 DITA, Leroy Somer LSAM 49.1 M6,**P=532 kW, 625 kVA, 50 Hz, 400 V**

SHAFT GENERATORS

2x AEM SE 450 L4 , P=1.500 kVA