

# ALP IPPON | 198<sup>mt</sup> Bollard Pull

## General Data

CALLSIGN

**PCZD**

FLAG

**The Netherlands**

PORT OF REGISTRY

**Rotterdam**

IMO NUMBER

**9344978**

BUILT

**2007 - Mützelfeldt Yard, Cuxhaven, hull 253**

DESIGN

**MAN Ferrostaal AG / Hitzler Werft**

CLASSIFICATION

**DNV-GL****+ 100 A5 E2 Deep Sea Tug Boat (NAV - A4)****+ MC AUT, FF1, DP2**

DP II

**ERN 99, 98, 97, 59**

BOLLARD PULL

**198 mt cont.**

MAXIMUM SPEED

**17,5 knots**

SERVICE SPEED

**11,5 knots**

## Main Dimensions

LENGTH O.A.

**58,55 m**

LENGTH B.P.

**52,29 m**

BEAM O.A.

**14,80 m**

DEPTH TO MAINDECK

**7,65 m**

MAX. DRAUGHT

**5,82 m**

DEADWEIGHT

**1.694 mt**

GROSS TONNAGE

**1.767 mt**

NETT. TONNAGE

**530 mt**

CARGO DECK AREA

**220 sqm**

DECK LOAD

**10 mt / sqm max.**

CHAIN LOCKER CAPACITY

**2 x 33 cbm**

## Towing / Anchor Handling

TOWING WINCH

**Electr. driven 100/200 mt @ 15/7,5 m / min**

BRAKE HOLDING LOAD

**300 mt drum's 1st layer**

DRUMS

**2 x 1.600 m, 76 mm**

CONTROL

**Remote controlled from bridge**

CABLE LIFTERS

**1 x 76 mm and 1 x 126 mm**

TOW WIRE

**1 x 1.600 m, 76 mm****1 x 300 m, 76 mm**

STORAGE REEL

**1 x 1.200 m, 76 mm**

STERN ROLLER

**300 mt SWL, 3,00 m length / 2,00 m diameter**

TUGGER WINCHES

**2 x 10 mt @ 15 m / min**

TOWING PINS

**2 x Karmoy, 300 mt SWL**

KARM FORKS

**2 x Karmoy, 650 mt SWL, various inserts**

## Tank Capacities

BALLAST WATER

**140 cbm**

FRESH WATER

**77 cbm**

MARINE GAS OIL

**131 cbm**

HEAVY FUEL OIL / MARINE GAS OIL

**1.132 cbm**

## Machinery

MAIN ENGINES

**14.000 kW / 750 rpm****2 x 7.000 kW MAN B&W 14V32/40**

PROPELLERS

**2 x CPP 3.800 mm in nozzle**

RUDDERS

**High performance Becker rudders**

BOW THRUSTERS

**2 x 400 kW tunnel thrusters, CPP**

STERN THRUSTERS

**1 x 400 kW tunnel thruster, CPP**

GENERATORS

**2 x 500 ekW, 50Hz auxiliary generators****2 x 1.500 ekW, 50Hz shaft generators****1 x emergency generator**

## Accommodation

TOTAL CAPACITY

**24 persons**

CABINS

**Single berth 13****Double berth 2****Four berth 1**

HOSPITAL

**Single berth**