

Eems Wrestler

Type.: Tug / Utility Vessel

Built.: 1990 at Belgium

IMO No.: 8843549

Call sign.: PDSG

MMSI No.: 245199000

Flag/POR.: Netherlands / Delfzijl

Classification: RINA / notations tba

Length.: 39.50 M

Beam.: 10.52 M

Draft.: 3.45 M

GT/NT.: 399 / 119

Output.: 2x 883 kW

Speed.: 13.5 knots

Bollard pull.: 30,0 t

TANK CAPACITIES

Fuel.: 68.8 M³

Fresh water.: 33.1 M³

Ballast water.: 62.4 M³

Foam concentr.: 10.0 M³

PROPULSION

2 x ABC diesel engines - type 8MDXC-750-100K
883 kW (1200 bhp) at 750 rpm

PROPELLER

1x CPP LIPS - left turning
4 bladed - diameter 2200 mm
Steering kort nozzle make LIPS, type 19A

STEERING SYSTEM

Brusselle Marine Industries NV
Electrical- Hydraulic steering machine with
rotary stirring motor



Type HMSE-115M, rudder angle 2 x 35 degr.
max. torque at 35 degr. and 240 bar = 119 KNm
max. torque at 35 degr. and 192 bar = 95 KNm

AUXILIARY

2 Scania - A. van Kaick ships diesel
Electrical power 185 kW (230 kVa)

BOWTHRUSTER

Jastram type BU20F
truster power 2 tons
Output 190 bhp at 1800 rpm
Blade diameter 848 mm 4-blad

NAUTICAL EQUIPMENT

- Compass: 1 x CASSENS & PLATH
- REFLECTA 1 FIBERLINE
- 1 gyrocompass ANSCHUETZ GYROSTAR
- Accessories: 1 master compass
- 1 steering repeater / 1 digital repeater
- Speedometer: Doppler log JRC model JLN-203S
- Depth sounder: Echo sounder SIMRAD ED 162
- Velocity meters: wind direction: WALKER XMD-1

Details of the equipment offered by DMC is done in good faith and believed to be correct but cannot be guaranteed.

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- Wind speed: WALKER XMS
- Radio level gauge: RAYTHEON / APELCO
- Signal horn: membrane air whistle KOCKUMS type M75-270
- Ship's Clock: ZOLLNER type 350
- Spotlights 2x MP.SEEMATZ type X5351

FIFI INSTALLATION

- 2x fifi pumps STORK 750 M³/hr - 18 bar
- 2 foam concentrate pumps STORK 25M³/hr 20 bar
- Foam concentrate tank 10.000L
- 3 ALCO monitors each with foam mixers GNW 200
- 1 mast monitor type AKD 8000/4000 of 8000 l/min at 18 bar with water 90 m reach
- 2 bridge monitors type AKD 7000/3500 of 7000 l/min at 19 bar, with water 80m reach
- Spray system around the vessel: 24 nozzles type S 45 l/min at 8 bar
- Deck conn. on fifi pumps 8x DN 65 water + foam
- Deck conn. on fifi pumps 8x DN100 water + foam

SALVAGE INSTALLATION

- Salvage pump SIHI 350M³/h - 7 bar
- Deck connections: pressure: 6x DSP/DN 100

TOWAGE EQUIPMENT

Winch:
Brusselle Marine Industries type HSL 80
20 tons at 0-19 m/min
8 tons at 0-43.5 m/min
Holding power at 72T
Max allowable statical power = 80 ton

TOWING HOOK

Brusselle Marine Industries type HH 42/75
Hydraulic lockable 75 ts

BRIDLE WINCH

Brusselle Marine Industries type HBL 12
10 tons on 0-34 m/min / at standstill 12 ts
At automatic brake 75 ton

BRIDLE BLOCK

75 tons (yard supply)

CAPSTAN

Brusselle Marine Industries type K32
10 ton at 15 m/min - 5 ton at 30 m/min

OTHER EQUIPMENT

Anchors and chains:
3 anchors 570 kg
Anchor chain diam 26 M quality U2
Anchor winch:
Brusselle Marine Industries typ A47A
2 WARDILL K 52 chain stoppers
Deck crane:
EFFER type DECO 80T/25
Max reach 12.92 M
Lifting capacity 50 Kn at max reach
Accommodation
10 people in total incl. crew
(4x 1 p cabin, 3x 2 p cabin)