

TUG CORVIN



company of
SCHRAMM
group ■■■■

TOWING EQUIPMENT

Fore deck

1 double drum towing winch:

- High pull (towing drums): 30t on 1st. layer
- Brake hold (towing drums): 150t on 1st. layer
- High speed (towing drums): 20 m/min at 1st. layer
- Rope capacity (towing drums): 150 m 12" each
- spare tow line: 1 complete tow line per tug (ready for use on the 2nd drum)

Aft deck

1 single drum towing winch:

- Line pull: up to 110t on 2nd layer
- Break hold: 150t on 2nd layer
- Speed: up to 10m/min at 2nd layer
- Wire capacity: 750m - diam 52mm

CARGO CAPACITIES, PUMPS

Cargo deck area	75 m ²
Deck cargo	75 t
Deck loading	5 t/m ²
Total fuel oil	130 m ³
	Pump-1 x 100 m ³ /hr at 30 m
Total water	100 m ³
	Pump- 1 x 100 m ³ at 30 m
Foam	35 m ³
Dispersant	25 m ³
Sewage	4 m ³

ELECTRONICS

2 radars, 1 gyrocompass, 1 eco sounder, 1 speed log, 1 autopilot, 1 GPS (DGPS), 1 anemometer, 1 INMARSAT M telephone and fax, 1 radio system complaint with GMDSS (A3) rules, including 2 INMARSAT STD C, 2 VHF, 1 NAVTEX, 1 SSB, 1 AIS

LIFE - SAVING EQUIPMENT

2x 12 persons inflatable life rafts
1x Zodiac RB6 rescue-boat (Solas IMO 47 complaint with 1 Yanmar D27 diesel engine)

FIRE-FIGHTING SYSTEM CLASS FI-FI I (2.700 m³/hr)

Monitors	2
Water capacity	2 x 1.200 m ³ /hr each
Firefighting pumps	2 x 1.350 m ³ /hr each
Foam system, deluge system	

MAIN CHARACTERISTICS

Lenght overall	32,50 m
Beam overall	12,00 m
Depth main deck midship	5,00 m
Draft aft.	5,40 m
Gross tonnage	385
Net tonnage	115

PERFORMANCE

Bollard pull	71,9 tons
Maximum speed	14.0 knots
Economic speed	10.0 knots
Consumption	17t/24 h at 100 % • 10t/14 at economic speed

ACCOMMODATION

Officer	3 cabins with 1 berth
Crew	2 cabins with 2 berths
Passengers	1 cabin with 2 berths
Messroom, gallery, stores, sanitary spaces, fully air-conditioned	

PROPULSION - MACHINERY

Main engines	2 Bergen KRMB9
Cont. output	2 x 2030 kW
Gear boxes	2 MCD Twin-Disc
Azimuth propellers	2 Aquamaster US 3001 • diam.: 2700 mm
Auxiliary generators	2 Caterpillar 3304 BT • 100 kVa - 380 V - 50 Hz each

REGISTRATION

Type	Double Azimuth Stern Driven Offshore Tug
Year built	2003
Builder	Damen Shipyards, Holland
Flag	Germany
Classification	Lloyds Register
IMO number	9280433
Call sign	DNQA

SPECIAL EQUIPMENT

An electro-hydraulic driven tugger winch is fitted on after deck

Tugger winch	Pull: 5t • Speed: 18m/min. • Drum capacity: 30 m of 15mm wire
Stern roller	Diam.: 900 mm • Length: 2 m • SWL: 125t
Deck crane	Heila: 100t/m
2 dispersant booms	Lenght 6,50m • Flow: 50 - 200 liters per 10,000 m ²

TUG FELIX

Sleepdienst H. Schramm B.V.



company of
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TOWING EQUIPMENT

Towing winch
Gemmel & Prout twin drum

CARGO CAPACITIES, PUMPS

Fuel oil	61,00 m ³
Fresh Water	18,84 m ³
Luoil	0,80 m ³
Hydraulic oil	0,30 m ³

ELECTRONICS

GMDSS A300 equipped
1x Kotter typ
1x Kodon Colour - 1x RH river radar Kodon GPS
1x PC station c/w with Transas chart software
Comnav Commander Autopilot
Furuno Echo Sounder
2x Fixed DSC - 2x H/HVHHFF
SRH NAV - 5 NAVTEX
JRC AIS

SPECIAL EQUIPMENT / REMARKS

Deck crane
Effer 150-3 15tm with winch
Clear deck with wooden deck
protection, fixed stern roller,
towing / AH pins

MAIN CHARACTERISTICS

Lenght overall	24,30 m
Beam overall	7,35 m
Draft aft.	3,50 m
Gross tonnage	156
Net tonnage	46

PERFORMANCE

Bollard pull	30 tons
Speed	11,5 knots

ACCOMMODATION

Heated living spaces for up to 6 persons, consisting of double and 2 single crew

PROPULSION - MACHINERY

Main engines	2x Ruston Type 6AP230M
Total Power	2110 hp
Gearboxes	2x Reintjes 3:1
Propulsion	2x 4 blade fixed pitch propellers
Diameter	2x 2250 mm
Rudders	2x Becker rudders
Auxiliary Engines	2x Volvo TD70 170kVa total 50 Hz, 220/380 V

REGISTRATION

Type	Twin Screw Coastal/Sea going tug
Year built	1988
Builder	Cochrane Shipbuilders UK
Flag	The Netherlands
Classification	Lloyds Register
IMO number	8616269
Call sign	PBPL