



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)	150m 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
pull 1st layer	250kN

CARGO CAPACITIES, PUMPS

Cargo deck area	75m ²
Deck cargo	75t
Deck loading	5t/m ²
Total fuel oil	130m ³
	Pump - 1 x 100m ³ /hr at 30m
Fresh Water	100m ³
	Pump - 1 x 100m ³ at 30m
Foam	35m ³
Dispersant	25m ³
Sewage	4m 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 compliant with GMDSS (A3) rules, including 2 INMARSAT STD C, 2 VHF, 1 NAV-TEX, 1 SSB, 1 AIS

LIFE- SAVING EQUIPMENT

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

FIRE-FIGHTING SYSTEM CLASS FI-FI

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

MAIN CHARACTERISTICS

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

PERFORMANCE

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

ACCOMMODATION

Officer	2 cabins with 1 bunk
Crew	2 cabins with 2 bunks
Passengers	1 cabin with 2 bunks
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.: 2700mm
Auxiliary generators	2 Caterpillar 3304 BT 100 kVa - 380V - 50Hz 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: 30m of 15mm wire
Stern roller	Diam.: 900 mm • Length: 2m • SWL: 125t
Deck crane	Heila: 100t/m
2 dispersant booms	Length 6,50m • Flow: 50 - 200 liters per 10,000 m ²