



CORVIN

AZIMUTH STERN DRIVE (ASD) TUG

MAIN DATA	
Type:	ASD Tug
Call sig:	DNQA
Length overall:	32,50 m
Beam overall :	12,00 m
Depth main deck midship:	5,40 m
Draft aft.:	5,40 m
GRT/Net:	385/115
Built:	2003
Builder:	Damen Shipyards, Holland
Capacities:	100 m3 water, 130 m3 fuel oil
Classification:	Lloyds Register
PERFORMANCE	
Bollard pull:	71,9 tons
Maximum speed:	14.0 knots
Economic speed:	10.0 knots
Consumotion:	17t/24 h at 100% • 10t/ 14 at economic speed
PROPULSION - MACHINERY	
Horsepower:	2.760 BHP
Main Engines:	2 Bergen KRMB9
Azimuth propellers:	2 Aquamaster US 3001 • diam.: 2700 mm
Auxiliary generators:	2 Caterpillar 3304 BT 100 kVa - 380 V - 50 Hz each
Propulsion:	2 MCD Twin-Disc
Cont. output:	2x2030 kW
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 IN-MARSAT 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 comp. laint with 1 Yanmar D27 diesel engine)	
FIRE-FIGHTING SYSTEM CLASS FI-FI 1	
	(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	
TOWING EQUIPMENT	
Fore deck:	1 double drum towing winch: - High pull (towing drums): 30 t on 1st. layer - Brake hold (towing drums): 150 t 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 110 t on 2nd layer - Break hold: 150 t on 2nd layer - Speed: up to 10 m/min at 2nd layer - Wire capacity: 750 m - diam 52 mm
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	

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
EQUIPMENT	
Bridge Equipment:	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
SPECIAL EQUIPMENT	
An electro-hydraulic driven tugger winch is fitted on after deck	
Tugger winch:	Pull: 5t • Speed: 18 m/min. • Drum capacity: 30 m of 15 mm wire
Stern roller:	Diam.: 900 mm • Length: 2 m • SWL: 125 t
Deck crane:	Heila: 100t/m
2 dispersant booms:	Lenght 6,50 m • Flow: 50 - 200 liters per 10,000 m ²
COMMUNICATION	
IMO Nr.:	9280433



Particulars of this unit and inventory believed correct at time of printing but subject to change. Printed February 2023 replacing all previously printed particulars