

EQUIPMENT SHEET

UNION SOVEREIGN

OFFSHORE VESSELS / ANCHOR HANDLING TUG (AHT)



CONSTRUCTION/CLASSIFICATION

Year of construction	2003
Classification	✱ Lloyds Register of shipping, ✱ 100A1 Offshore Tug/Supply Ship, Fire-Fighting Ship 1, LMC, UMS, DP 2
IMO no. Union Sovereign	9262742
Call sign	ORQW
Flag	Belgian
Port of registry	Antwerp
Trading area	Worldwide / unrestricted

PROPULSION AND MAIN SYSTEMS

Main engines	2 x WARTSILLA 16V 32 LND 16500 bhp / 12000 kW driving two controllable pitch propellers in fixed nozzles
Propulsion	2 x 6000 kW @ 750 rpm
Steering gear	Tenfold SR 662 Ulstein independently / synchronized controlled twin high lift rudders
Bow thruster	2 x electrically driven 588 kW each
Stern thruster	1 x electrically driven 660 kW
Fire Fighting	FiFi 1-2 x Skum SFP 250 x 350 pumps each delivering 1200 cbm/h through combined water / foam monitors, situated port and starboard with remote control

MAIN DATA

Length overall	67.40 m
Breadth moulded	15.50 m
Depth moulded	7.50 m
Max draught	7.44 m
Design draught	6.20 m
Gross tonnage	2263 t
Bollard pull ahead	178 t
Speed max	17 kn
Speed economic	12 kn
Deck area	344 m ²
Max deck cargo	700 t

FEATURES

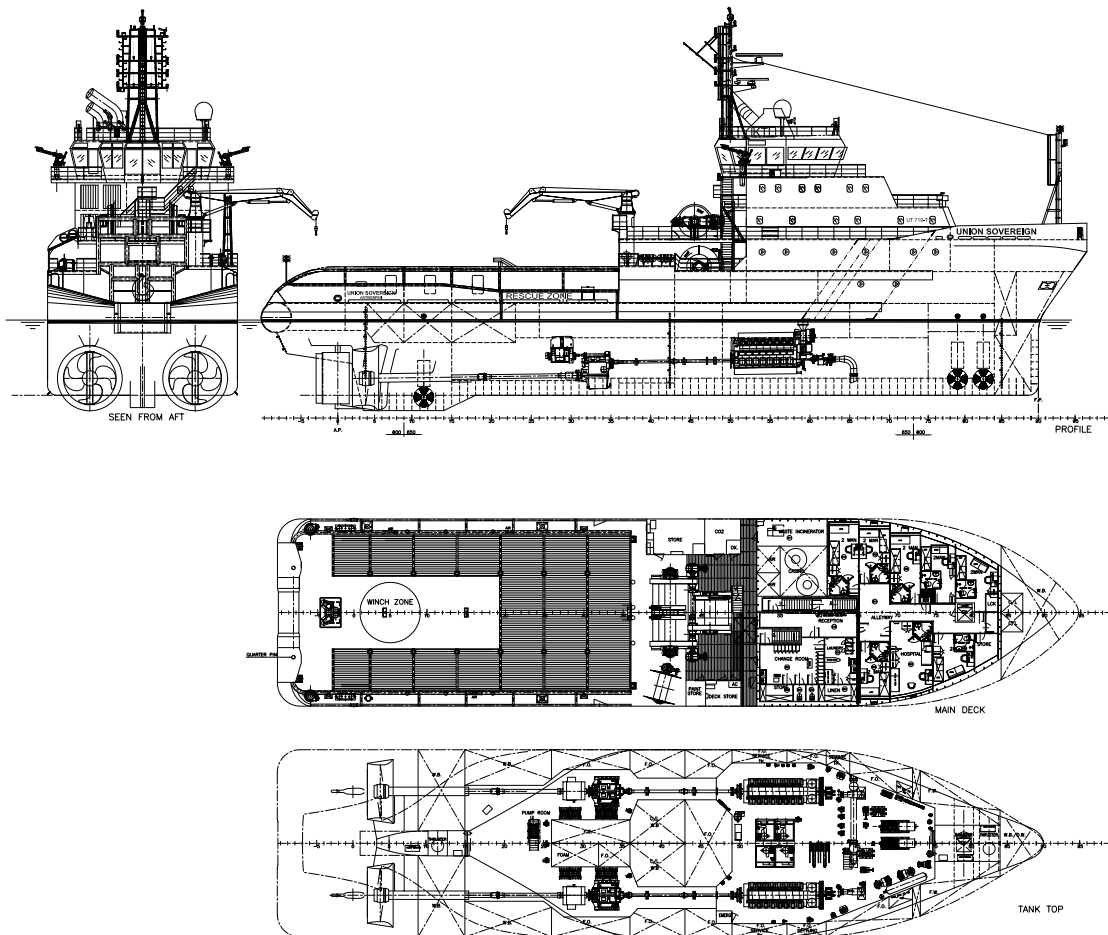
Accommodation	31 berths, 13 x single cabins and 9 x double cabins all with private facilities, 1 x hospital, 1 x ships office, 1 x deck office, 1 x survey office
Bunker capacity:	Fuel m ³ : 1250 cbm MGO Fresh water m ³ : 420 cbm FW
Chain lockers	(2#) of 112 m ³ each
Positioning	Dynamic Positioning Class II, K-POS 21

DECK EQUIPMENT

Towing and anchor handling winches	BRATTVAAG Triple drum Brattvaag: power 300 T (1st layer), brake holding load 450 t (1st layer) (2#) AH drum wire capacity 1200 m dia. 76 mm (1#) towing drum wire capacity 1500 m dia. 76 mm
Rope reels	2 x powered rope reels
Forward winch	Hydraulic Anchoring windlass with two cable lifters of 38 mm chains, two mooring drums and two warping ends, 2 x spek anchors
Capstan Winches	2 x 10 t hydraulic capstans aft

DECK EQUIPMENT

Tugger winches	2 x 10 t hydraulic tugger winches
Stern roller	(1#) SWL 500T, l 4,5m x b 2,5 m
Crane	PALFINGER MARINE 1 x deck crane SWL 3t @ 15m 1 crane for rescue boat, 1 t
Towing pins	KARMOY 1 set of KARM towing pins, 300 t
Stopper pins	KARMOY 2 KARM forks SWL 600T
Gypsy wheels	(2#) non-declutchable cable lifters for 3,25 inch chain



GENERAL ARRANGEMENT PLAN

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