

EQUIPMENT SHEET

UNION PRINCESS
OFFSHORE VESSELS / ANCHOR HANDLING TUG (AHT)



CONSTRUCTION/CLASSIFICATION

Year of construction	2002
Classification	Lloyd's Register of Shipping 100A1, LMC, UMS, FIFI Ship 1
IMO no. Union Sovereign	9242766
Call sign	ORQU
Flag	Belgian
Port of registry	Antwerp
Trading area	Worldwide / Unrestricted

PROPULSION AND MAIN SYSTEMS

Main engines	2 x WARTSILLA 16V 32 LND 8166 bhp / 6000 kW driving two controllable pitch propellers in fixed nozzles
Propulsion	2 x 6000 kW @ 750 rpm
Steering gear	450 AGC-KR-600 ROLLS-ROYCE Marine 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 1200cbm/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	2258 t
Bollard pull ahead	207.2 t
Speed max	17 kn
Speed economic	12 kn
Deck area	344 m ²
Max deck cargo	700 t

FEATURES

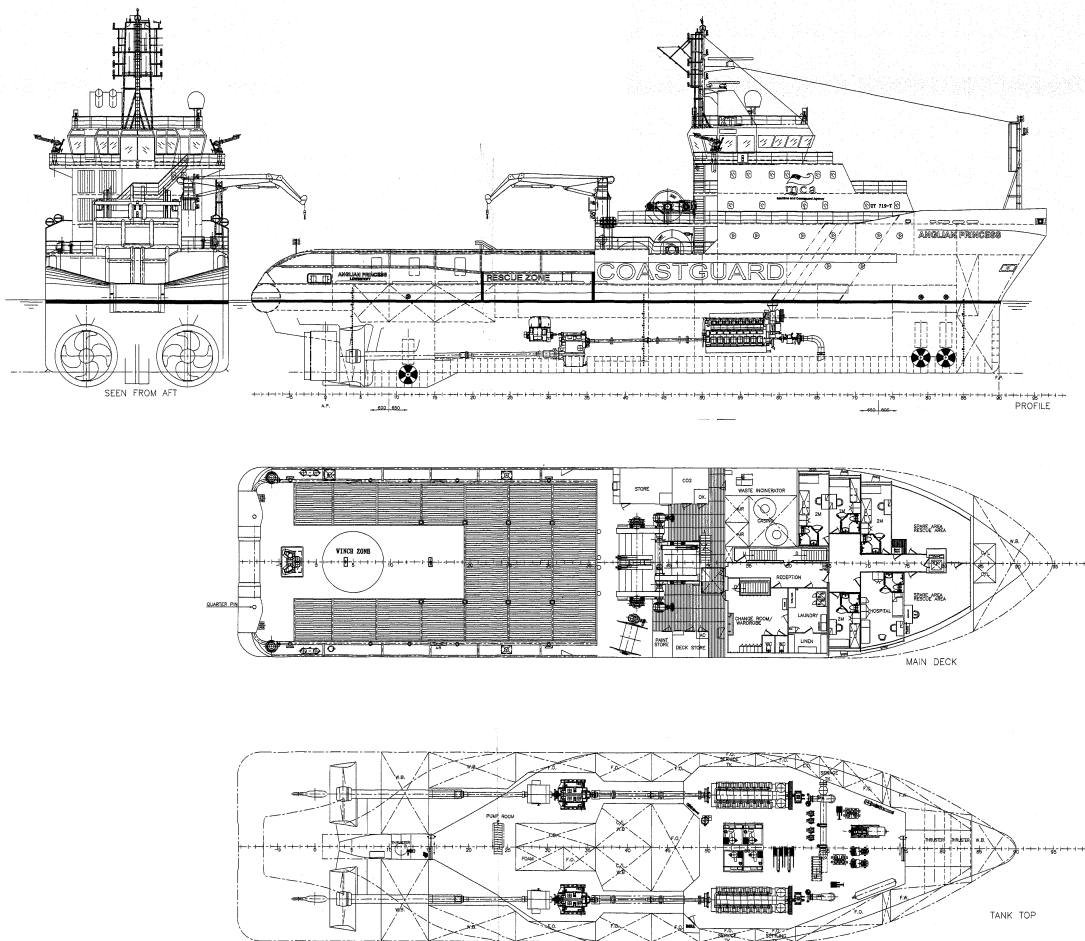
Accommodation	27 berths, 15 single & 6 double cabins with all private facilities
Bunker capacity:	Fuel m ³ : 1250 cbm MGO Fresh water m ³ : 420 cbm FW
Chain lockers	(2#) of 112 m each

DECK EQUIPMENT

Towing and anchor handling winches	BRATTVAAG Triple drum Brattvaag: power 300 t (1st layer), brake holding load 450 t (1 st 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 500 t, l 4,5m x b 2,5 m
Crane	PALFINGER MARINE 1 x deck crane SWL 3t @ 15m 1 x crane for rescue boat, 1 t
Towing pins	1 set of KARM towing pins, 240 t
Stopper pins	2 KARM forks SWL 500 t
Gypsy wheels	(2#) non-declutchable cable lifters for 3,25 inch chain



GENERAL ARRANGEMENT PLAN

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