


CONSTRUCTION / CLASSIFICATION

Year of construction	2003
Classification	Bureau Veritas I ✕ HULL ✕ MACH Tug, Offshore support vessel (Supply), Unrestricted navigation ✕ AUT-UMS, MON-SHAFT, INWATERSURVEY, ✕ DYNAPOS AM/AT R
IMO no.	9262742
Call sign	ORQW
Flag	Belgian
Port of registry	Antwerp
Trading area	Worldwide / unrestricted

PROPULSION AND MAIN SYSTEMS

Main engines	2 x Wärtsillä 16V 32 LND 16,500 bhp / 12,000 kW driving two controllable pitch propellers in fixed nozzles
Propulsion	2 x 6,000 kW @ 750 rpm
Steering gear	Tenford 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

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	2,263 GT
Bollard pull ahead	192 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 : 1,482 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 (2 x DGPS, Cyscan, HiPAP)

SOVEREIGN

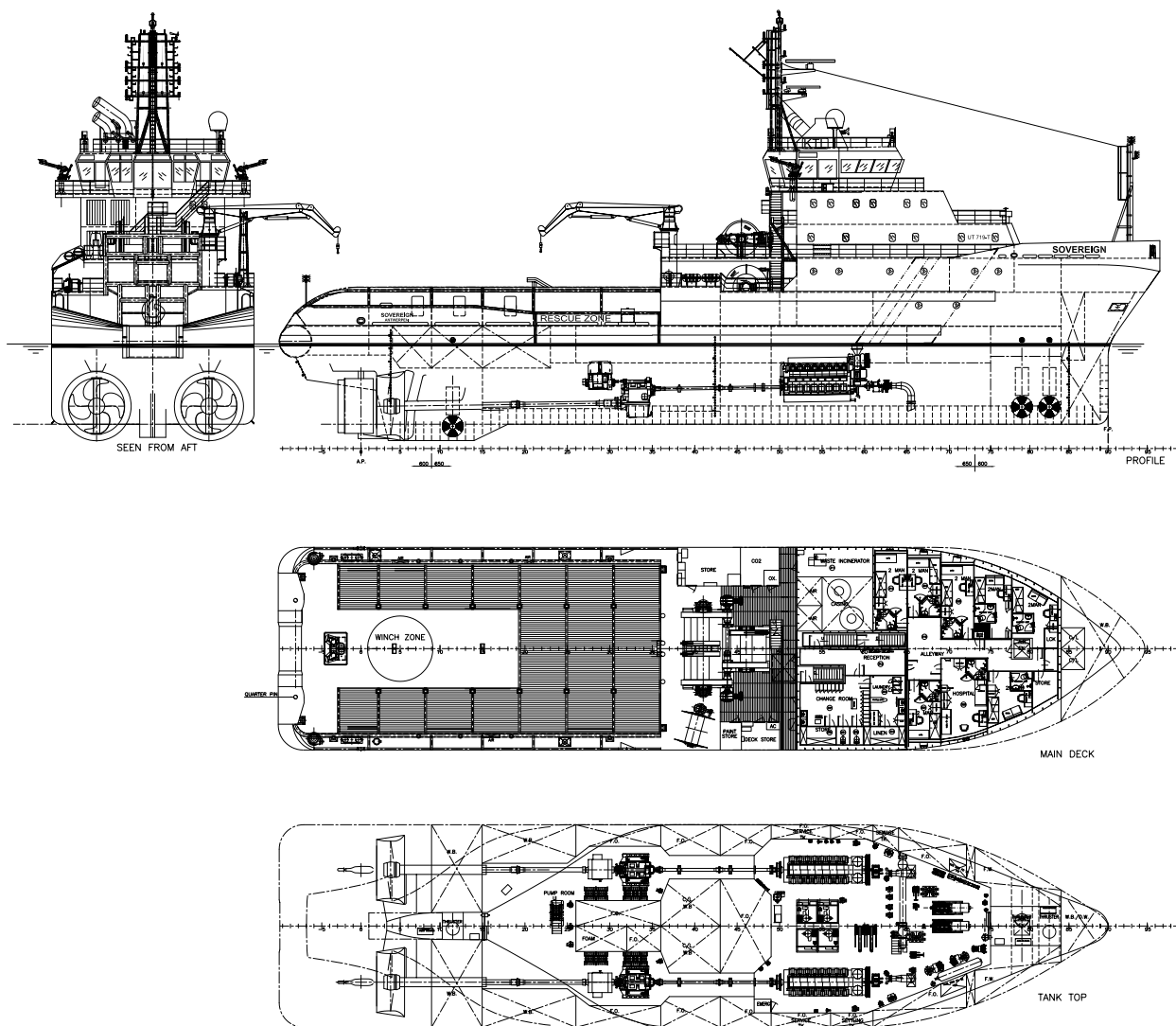
OFFSHORE VESSELS / ANCHOR HANDLING TUG (AHT)

DECK EQUIPMENT

Towing and anchor handling winches	Brattvaag Triple drum Brattvaag: power 300 t (1 st layer), brake holding load 450 t (1 st layer) (2#) AH drum wire capacity 1,200 m dia. 76 mm (1#) towing drum wire capacity 1,500 m dia. 76 mm
Rope reels	2 x powered rope reels
Forward winch	Hydraulic anchoring windlass with 2 cable lifters of 38 mm chains, 2 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, 14.5 m x b 2.5 m
Crane	Palfinger Marine 1 x deck crane SWL 3 t @ 15 m 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 600 t
Gypsy wheels	(2#) non-declutchable cable lifters for 3.25 inch chain



GENERAL ARRANGEMENT PLAN

Boskalis
 PO Box 43
 3350 AA Papendrecht
 The Netherlands
 T +31 78 69 69 000
offshore.energy@boskalis.com
www.boskalis.com/offshore