

EQUIPMENT SHEET

SAPPHIRE

OFFSHORE VESSELS / ANCHOR HANDLING TUG (AHT)



CONSTRUCTION/CLASSIFICATION

Year of construction	2001
Classification	Bureau Veritas, I ✕ HULL ✕ MACH Tug, Unrestricted navigation ✕ AUT-UMS
IMO number	9220550
Call sing	9HA4927
Flag	Malta
Port of registry	Valletta
Trading area	Worldwide/unrestricted

PROPULSION AND MAIN SYSTEMS

Main engines	2 x ABC 8 MDZC diesel
Propulsion	2 x ASD propeller, 2 x 1,850 kW
Steering gear	2 x Schottel SRP1515FP
Bow thruster	Schottel STT 100 CP, 200 kW

MAIN DATA

Length overall	35.75 m
Breadth moulded	11.00 m
Depth moulded	5.60 m
Max draught	5.20 m
Design draught	4.80 m
Gross tonnage	498 GT
Bollard pull ahead max.	74 t
Speed max	12 kn
Speed economic	10 kn
Deck area	85 m ²
Deck strength	5 t/m ²
Max deck cargo	20 t

FEATURES

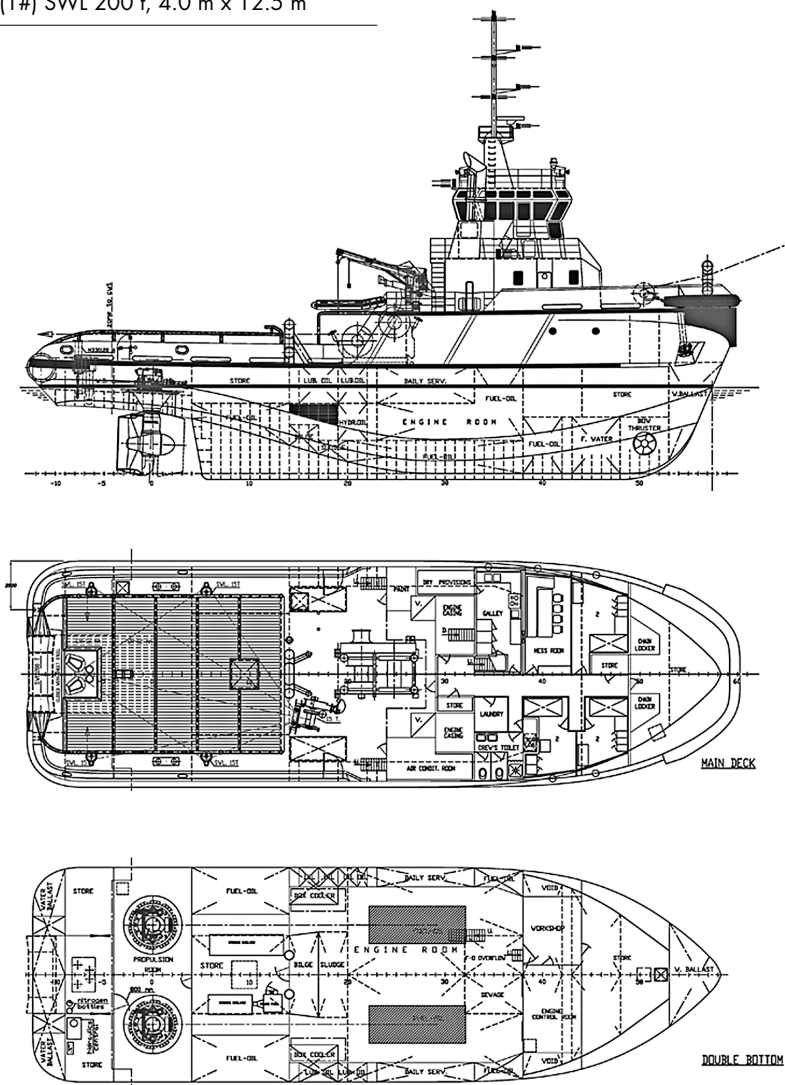
Accommodation	10 berths, 4 single, 3 double cabins
Bunker capacity	Fuel: 245 m ³ MGO Fresh water: 33 m ³

DECK EQUIPMENT

Aft towing / AH winch	Brusselle SLH-130/50/2-1, double drum waterfall type, power 65 t, brake holding load 130 t, drum capacity 1,000 m x 48 mm, (2#) drum capacity 800 m x dia 48 mm
Forward towing winch	Brusselle SLH-130/50/2-2-2, combined towing winch and anchor windless with 2 chain lifters of 25 mm. Single towing drum, power 65 t, brake holding load 130 t drum wire capacity of 110 m x dia 48 mm + stretcher
Tugger winches	(#1) hydraulic tugger aft, 15 t
Stern roller	(1#) SWL 200 t, 4.0 m x 12.5 m

DECK EQUIPMENT

Crane	1 Palfinger, SWL 700 kg @ 9.2 m 1 davit for rescue boat, 1.25 t
Towing pins	KARMOY 1 set of KARM towing pins, 160 t
Stopper pins	KARMOY 2 KARM Fork, MBL 300 t



GENERAL ARRANGEMENT PLAN

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