



## CONSTRUCTION / CLASSIFICATION

Year of construction	2013
Classification	Bureau Veritas   ⚓ HULL ⚓ MACH, Tug/Fire fighting ship 1 -water spraying, Anchor handling vessel, Unrestricted navigation ⚓ AUT-UMS, INWATERSURVEY
IMO number	9662368
Call sign	9HA4875
Flag	Malta
Port of registration	Valletta

## FEATURES

Accommodation	24 persons
Cabins	4 x 1 single berth, 10 x 2 berth cabin
Life rafts	4 x 16 persons
FRC	13 man, 212 hp diesel inboard engine, SOLAS approved
Dispersant system	2 x 6 m spray booms with dispersant pump
Freezer	8 m <sup>3</sup>
Chiller	8 m <sup>3</sup>

## MAIN DATA

Gross/ Nett tonnage	1,463 / 439 GT
Deadweight	925 t
Length overall	51.80 m
Breadth moulded	15.00 m
Depth moulded	6.50 m
Max draft moulded	6.20 m
Main engines	Wärtsilä 8L26 2 x 3,650 bhp (2,720 kW)
Propellers	2 x CPP in Kort nozzles
Bow thruster	2 x 6 t thrust (2 x 388 kW), CCP
Stern thruster	1 x 6 t thrust (1 x 388 kW), CCP
Generators	2 x 425 kW & 1 x 340 kW
Emergency generator	1 x 72 kW
Shaft generator	2 x 1,000 kW
Bollard pull	120.6 t

## FIRE FIGHTING

Class 1 with water spray	
Monitor	2 x water/foam - remote control
Water / foam	2 x 1,200 m <sup>3</sup> /hr
Pump capacity	2 x 1,600 m <sup>3</sup> /hr

**NAVIGATION / COMMUNICATION EQUIPMENT**

2 Radars	1 Gyro compass
1 Magnetic compass	1 Azimuth circle
1 Speed log	1 GPS
1 Echo sounder	2 VHF
1 Navtex	3 VHF portable
GMDSS Area A1, A2, A3	1 Inmarsat C
Joystick fwd and aft maneuvering stations	1 AIS

**TOWING AND ANCHOR HANDLING**

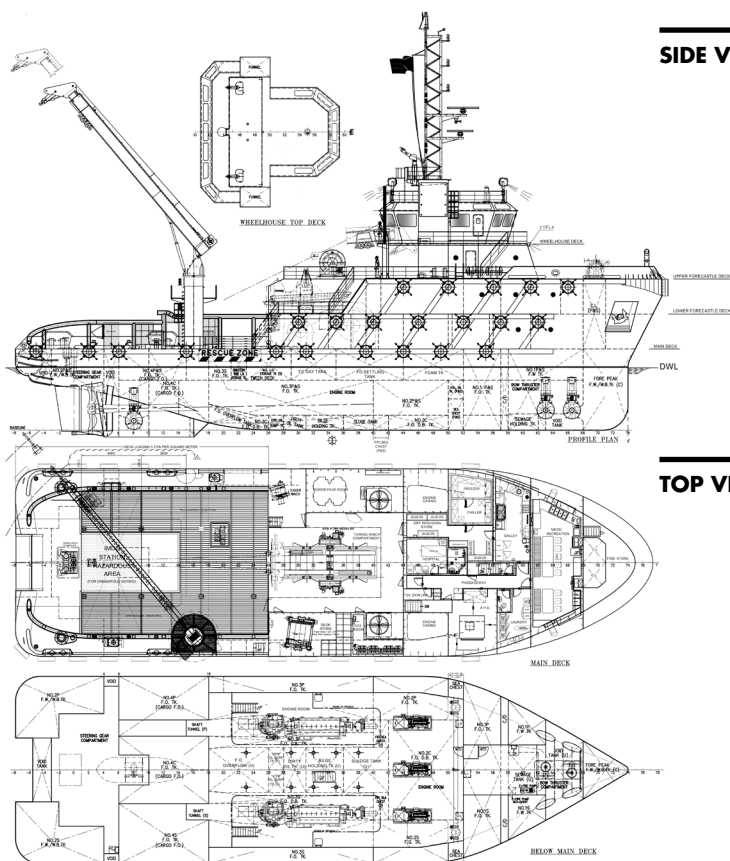
AH towing winch	Rolls-Royce double drum reverse Waterfall with spooling device
Drum capacities	1,200 m x 64 mm
Brake holding	275 t
Line pull @ 1 <sup>st</sup> layer	200 t @ 7m/min 100 t @ 13m/min
Storage reels	3 x hydraulic 1,000 m x 64 mm
Karm fork	2 x 300 t SWL
Towing pin	2 x closed type
Stern roller	4.5 m x 2.0 m, SWL 300 t

**DECK EQUIPMENT**

Capstan	2x5 t @ 0 - 15m/min
Tugger winch	2x10 t @ 15m/min
Deck crane	Hydraulic telescopic crane Tech Crane TC60-56-100 (USA) 20 t @ 3 m outreach 11 t @ 10 m outreach 2.5 t @ 29 m outreach
Anchors	2xHHP, AC-14, 1,440 kg each
Anchor chain	2x14 lengths, 34 mm diameter

**CARGO / TANKS CAPACITY**

Deck area	200 m <sup>2</sup>
Deck loading	5 t/m <sup>2</sup>
Fuel oil	860 m <sup>3</sup> , 1 x 100 m <sup>3</sup> /hr @ 60 m head
Potable water	120 m <sup>3</sup> , 1 x 70 m <sup>3</sup> /hr @ 60 m head
Water ballast	153 m <sup>3</sup>
Foam	17 m <sup>3</sup>
Detergent	13 m <sup>3</sup>
Watermaker	5 t per day



**SIDE VIEW**

**TOP VIEW**