



SENTOSA

TECHNICAL SPECIFICATIONS

GENERAL

Type	AHT
Classification	Bureau Veritas Hull • Mach • AUT-UMS - Tug - Fire Fighting ship 1 - Water spraying / unrestricted
MMSI	248849000
IMO number	9662356
Year built	2013
Flag	Malta
Port of registry	Valetta
Call sign	9HA4833

DIMENSIONS

Length	51.80 m
Breath overall	15.00 m
Minimum draft	6.00 m
Operational Draft	6.50 m
Maximum draft	6.70 m
Minimum air draft	26.30 m
Maximum air draft	26.30 m
Gross tonnage	1463 t
Net tonnage	439 t

TANK CAPACITY

Fuel oil	860.2 m
Fresh water	120.4 m
Lubrication oil	15.3 m
Hydraulic oil	TBA m
Dirty oil	7.4 m
Sewage	15.0 m
Bilge water	12.5 m

PERFORMANCE

BollardPull	120 t
Maximum speed	13,00 knots
Economic speed	8,00 knots

PROPULSION SYSTEM

Main engines	Wartsila / 8L26A
Total power	2x 2720 kW / 2x 3646 BHP @ 1000 RPM
Propulsion	2x 4 Bladed / Kawasaki / CPP 900CB/150G / Dia: 3500 mm
Bowthruster	2x Tunnel thruster / Kawasaki / Type: KT-55B3 Dia: 1300 mm / 388 kW

FIFI

System	FIFI 1
Type	AZCUE / CA50/7A // 60 m ³ /hr @ 9 bar, Height 55mtr
Capacity	2x 1200m ³ / hr

DECK CRANE

Type	Tech Crane TC60-56-100
Capacity	SWL 15T @ 3 m / 10T @ 7.5 m / 1 ton @ 30 m

DECK EQUIPMENT

Free deckspace	153
Deck strength	5
Tugger winch	2x 10t @ 15m / min
Pushbow	Full length rubber fendered

AUXILIARY EQUIPMENT

Main generator sets	2x 425kW & 1x 340kW
Fuel oil transfer pump	Azcue 100 m ³ /hr
Fresh water transfer pump	Azcue 70 m ³ /hr
Fresh water maker	4m ³ every 24 hrs
Air compressor	Yes
Powerpack	N/A

ACCOMMODATION

Persons	24
Single cabin	4
Double cabin	10
Air conditioned	Yes



TOWING EN ANCHOR HANDLING

Towing winch	Rolls Royce / TAW 2000/2000H
Anchor Handling Winch	1 drum / 1200mtr x 64mm capacity
Towing pins	2x 300t SWL towing pins + 2x Karmoy stopper / 160t SWL
Stern roller	Stern Roller (Horizontal) - 300T

