



# SEA SERAYA

## TECHNICAL SPECIFICATIONS

### GENERAL

Type	AHT
Classification	Bureau Veritas Hull • Mach • AUT-UMS - Tug - Fire Fighting ship 1 - Water spraying / unrestricted
MMSI	244480000
IMO number	9662368
Year built	2013
Flag	Dutch
Port of registry	Vlissingen
Call sign	PHIT

### 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

### PERFORMANCE

Bollard Pull	120 t
Maximum speed	13,50 knots
Economic speed	8,00 knots
Horsepower	2x3,650 bhp

### TANK CAPACITY

Fuel oil	860,20 m <sup>3</sup>
Fresh water	120,40 m <sup>3</sup>
Lubrication oil	15,30 m <sup>3</sup>
Dirty oil	7,40 m <sup>3</sup>
Sewage	15,00 m <sup>3</sup>
Bilge water	12,50 m <sup>3</sup>

### PROPULSION SYSTEM

Main engines	Wartsila / 8L26A
Total power	2x 2720 kW/ 2x3646 BHP @ 1000 RPM
Propulsion	2x4 bladed/ Kawasaki CPP 900CB / 150G / Dia : 3500 mm
Bow thruster	2x Tunnel thruster/ Kawasaki/ Type: KT-55B3 / Dia 1300 mm 388kW
Propellers	2 x CPP in Kort nozzles
Stern thruster	1x 6 t thrust, CPP

### FIFI

System	FIFI 1
Type	AZCUE / CA50 / 7A / 60 m <sup>3</sup> / hr @9 bar, height 55 m
Capacity	2 x 1200 m <sup>3</sup> / hr

### DECK CRANE

Type	Tech crane TC60-56-100
Capacity	SWL 15 t @ 3 m/10 t @ 7,5 m/ 1 t @ 30 m



**SEACONTRACTORS**

The information contained in this data sheet is for guidance purposes only and may be subject to changes

## DECK EQUIPMENT

Free deck space	153 m <sup>2</sup>
Deck strength	5,0 t/m <sup>2</sup>
Tugger winch	2x 10 t @ 15 m / min
Capstan	2x 5 t @ 0 - 15 m / min
Push bow	Full length rubber fendered

## TOWING EN ANCHOR HANDLING

Towing winch	Rolls Royce / TAW 2000/ 2000H
Anchor Handling Winch	1 drum / 1200 mtr x 64 mm capacity
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 @ 13 m/min
Storage reels	3x hydraulic 1,000 m x 64 mm
Kram Fork	2x300 t SWL
Towing pins	2x closed type
Stern roller	Stern Roller (Horizontal) - 300 t

## AUXILIARY EQUIPMENT

Main generator sets	2x425 kW & 1x340 kW
Fuel oil transfer pump	Azcue 100 m <sup>3</sup> / hr
Fresh water transfer pump	Azcue 70 m <sup>3</sup> / hr
Fresh water maker	4 m <sup>3</sup> every 24 hr
Air compressor	Yes
Shaft generator	2x1000 kW

## ACCOMMODATION

Persons	24
Single cabin	4
Double cabin	10
Air conditioned	Yes

