



# DIAN KINGDOM

## TECHNICAL SPECIFICATIONS

### GENERAL

Type	AHT Damen Stantug
Classification	Bureau Veritas Hull • Mach • AUT-UMS - Tug - Fire Fighting ship 1 - Water spraying / unrestricted
MMSI	244850975
IMO number	9660944
Year built	2015 - Damen Song Cam, Vietnam
Flag	Dutch
Port of registry	Vlissingen
Call sign	PCTG

### DIMENSIONS

Length	30,66 m
Breath overall	11,13 m
Minimum draft	4,80 m
Operational Draft	5,10 m
Maximum draft	5,20 m
Minimum air draft	12,31 m
Maximum air draft	17,49 m
Gross tonnage	365 t
Net tonnage	109 t

### TANK CAPACITY

Fuel oil	173,0 m <sup>3</sup>
Fresh water	16,0 m <sup>3</sup>
Lubrication oil	1,5 m <sup>3</sup>
Hydraulic oil	1,5 m <sup>3</sup>
Dirty oil	2,9 m <sup>3</sup>
Sewage	4,7 m <sup>3</sup>
Bilge water	3,8 m <sup>3</sup>

### PERFORMANCE

BollardPull	70 t
Maximum speed	13,00 knots
Economic speed	8,00 knots
Horse power	4935

### PROPULSION SYSTEM

Main engines	2x MTU 16V4000 M63R
Total power	3.680 KW / 4935bhp
Propulsion	2x fixed pitch propeller
Bowthruster	288 bhp, hydraulic driven

### FIFI

System	FIFI 1
Type	Nijhuis pump type HGTF1-350.650
Capacity	2800 m <sup>3</sup> / hr

### DECK CRANE

Type	Heila HLM 0020-3S
Capacity	1,70t @ 10,00m

### DECK EQUIPMENT

Free deckspace	73,0 m <sup>2</sup>
Deck strength	3,0 t/m m <sup>2</sup>
Tugger winch	2x Dromec 12t
Pushbow	Full length rubber fendered - incl. towingbit SWL 40 t

### AUXILIARY EQUIPMENT

Main generator sets	2x CAT 6.6 TA
Fuel oil transfer pump	2x 20 m <sup>3</sup> / hr
Fresh water transfer pump	N/A
Fresh water maker	HEM H25F3
Air compressor	Atlas Copco LF7-10UV
Powerpack	N/A

### ACCOMMODATION

Persons	10
Single cabin	2
Double cabin	4
Air conditioned	Yes

### TOWING EN ANCHOR HANDLING

Towing winch	DMT Waterfall 80 t / 180 t (pull/hold) 800 m x 50 mm
Anchor Handling Winch	40 t / 180 t (pull/hold) 150 m x 50 mm
Towing pins	Karmoy fork SWL 300 t
Stern roller	SWL 100t



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