

**Stan Tugs “TSC Zaal” & “TSC Borzou”**  
**1200 BHP LINE HANDLER/TUG**



Tug “TSC Zaal”

Builder: Damen Shipyard Holland

**GENERAL:**

YOB : 2009

Builder : Damen shipyard Dubai  
 Class : Bureau Veritas  
 Flag : Saint-Vincent & The Grenadines  
 Port of Registry : Kingstown  
 Call Sign :  
 IMO No :

**DIMENSIONS:**

Length Overall : 16.56 M  
 Breadth Overall : 5.54 M  
 Depth : 02.52 M  
 Draft Maximum : 02.35 M  
 GRT : Tons  
 NRT : 082.00 Tons

**MACHINERY:**

Main Engines : Two (2) Caterpillar C18 Diesel Marine Engines  
 each rated 600 BHP @ 1800 rpm .

Generators : One (1) Caterpillar C2.2 230V,18 kVA  
 50Hz/230V /synchronizing available

Gear Box : Two (2) Reintjes,WAF 264L Ratio : 4.5:1

Propellers : Two (2) Kaplan II fixed pitch propellers in kort nozzles  
 Nozzles: : 2 x 1350mm Van de Giessen "Optima"

**SPEED:**

Free Running : 11.50 Knots  
 Towing : 4.5-5.0 Knots

**FUEL CONSUMPTION PER DAY (Approximate):**

Top Speed : 4.25 MT  
 Towing Speed : 4.25 MT  
 Economical speed : 3.8 MT  
 Standby : 0.15 MT

**BOLLARD PULL**

Class Approved : approx. 15.9 T

**CLEAR DECK SPACE**

Clear deck area : approx. 15 m2  
 Approx Deck Load : 01.00 Tons / Sq M

**LIQUID CAPACITIES:**

Fuel Oil : 14 m3  
 Potable Water : 1.1m3  
 Bilge Water : 0.5 m3  
 Sewage Tank : 0.70 m3

**REFRIGERATED STORES:**

Freezer :  
 Chiller :

**ACCOMMODATION:**

No. of Berths : 4 in one cabin Fully Air-Conditioned Berths  
 Min. No. of Crew : 4 crew  
 Max. No. of Pax : Nil (-)

**DECK EQUIPMENT:**

Towing Winch :  
 Towing Wire : N/A  
 Spare Wire : N/A  
 Tow Hook : One (1) 25 T SWL  
 Anchor Windlass. : One (1) Hand operated  
 Anchors : Two (2) pool (HHP)

**NAVIGATION & COMMUNICATION EQPT:**

Steering Controls : One (1) Station on Forward of Wheelhouse

Radar : One (1) Furuno  
 SSB Radio : N/A  
 VHF Radio : One (1) Sailor RT2048  
 GPS : One (1) Furuno GP-32  
 Magnetic Compass : One (1) Kotter Type  
 Echo Sounder : One (1) Furuno LS-6100

Navtex Receiver : N/A  
 Portable VHF : N/A  
 Inmarsat Type C : N/A  
 AIS : N/A  
 Satellite Phone : Thuraya Phone

**FIRE FIGHTING, SAFETY, RESCUE & OIL**

As Per Solas