



## "ASAD"

### VESSEL SPECIFICATIONS

#### MAIN PARTICULARS

Type	: ASD Tug 2411
Year Built	: 2008
Builder	: Damen
Flag	: UAE
Port of Registry	: Dubai
Class Society	: Lloyd's Register
Class Notation	: (+100A1) TUG, +LMC, UMS.
IMO No.	: 9400605
Official No	: 6282
Call Sign	: Nil

#### DIMENSIONS / RATINGS

GRT	: 250
LOA	: 22.16
Breadth molded	: 10.7
Depth Molded	: 4.6
Designed Draft	: 4.4
Bollard Pull (T) / Test date	: 67.9 T, 20 April 2009

#### MACHINERY

Main Engines	: Type: 2 x Caterpillar 3516 B, Power: 2100 KW / 2814 BHP @ 1600 rpm each, 4200KW / 5628 BHP total.
Auxiliary Engines/Generators	: 2 x Caterpillar C4.4 DIT 56.7 KW 64.4 KVA
Propulsion	: 2 Fixed pitch propellers Rolls Royce ASD
Rudder/Propellers	: Rolls Royce, Aquamaster
Winch/Windlass	: Ridderinkhof B.V
Tow Hook	: Mampaey, DCX 70/100, S.W.L 100 T

#### SPEED & FUEL DATA

Max Speed	: 12.8 kts
Max Fuel Consumption @ Full load - Main & Aux.	: 491.16 ltrs/hr & 14.8 ltrs/hr
Observed Average Fuel Consumption. M/E + A/E	: 155 ± 10 ltrs/hr

#### ACCOMMODATION

Single Berth Cabins	: 1 + 1
Double Berth Cabins	: 2

#### NAVIGATION / RADIO EQUIPMENTS

Digital Compass	: Nil
AIS	: Furuno FA150
Auto Pilot / Master Pilot	: Simrad AP50 / Rolls Royce
Joy Stick	: Nil
Propulsion Control	: Aquamaster Hydro electronic
GMDSS Area	: A1
VHF	: Sailor ,DSC RT-5022 / 4800 - C4900
Portable VHF	: Tron TR20 GMDSS
Echo Sounder	: Furuno LS-6100
Radar	: Furuno FR 1505 Mark - 3
Magnetic Compass	: Cassens-Plath Type-11
Aneometer	: Precison Johatz-1881
GPS	: Furuno-150
Log	: Furuno-RD-30

#### SAFETY EQUIPMENTS

Liferafts	: 2 x 6 men
FiFi capability	: Nil
Fire Protection capability	: Fire main + Novec Tyco 1230 Co2 for Eng. Room + Portable Extinguishers
Water Curtain	: Nil

#### TANK CAPACITIES

Fuel Oil (Itrs)	: 76247
Potable Water (Itrs)	: 8841

Particulars are believed to be correct but not guaranteed. Owners reserve the right to amend the specifications without notice.