



2014 | ASD tug | 80 Tons BP

Specifications

Type	: FFI
Class	: BV
Built	: 2014
Built By	: Damen Shipyards Vietnam.
Flag	: St. Vincent & Grenadines

TONNAGE

Gross Registered Tonnage	: 447 T
Net Registered Tonnage	: 134 T

DIMENSIONS

Length O.A.	: 32.70 M
Length B.P	: 29.30 M
Breadth	: 12.82 M
Depth	: 5.35 M
Draft	: 5.50 M
Displacement (98%)	: 800 ton approx.

SPEED/CONSUMPTION

Economic Speed	: 10 kts/ approx. 7m ³
Max. Speed	: 14 kts/ approx. 16m ³

NAVIGATION/ COMMUNICATION

Searchlights	: 2x Pesch 1000 W/ 0 2x 450 W Xenon (FIFI 1)
Radar System	: JRC JMA-5212-4BB, with 19" LCD Screen
Compasses/Autopilot	: Magnetic Kotter / Robertson AP 50
GPS	: Furuno GP-150
Echosounder	: Furuno LS-6100
VHF/DSC	: 2x Sailor 6222+ 2x hand-held
Navtex	: Furuno NX-700
AIS	: Furuno FA-150
SSb/DSC	: Furuno FS-1570
Inmarsat	: 2x Furuno Felcom 15

MACHINERIES/ PROPULSION

Main Engines	: 2x Caterpillar 3516C HD+ TA/D
Total Power	: 5050 bkW (6772 bhp) at 1800 rpm
Thrusters	: 2x Rolls Royce US255FP
Propeller	: 2800 mm fixed pitch
Forced Ventilation	: 20.000/40.000 m ³ /hr
Generator Sets	: 2x Caterpillar C6.6 TA, 230/400 V, 125 kVA, 50 Hz
Bilge Pumps	: 2x Sterling AKHA 6101 each 34 m ³ /hr
Fuel Pumps	: Sterling AKHA 5101 and AOHA 3101
Cooling System	: Box cooling + anti growth system
Freshwater Pressure Set	: Sterling HBK 111 / ACHA 3101
Hydraulic System	: Main engine driven pumps
Anchor	: 2x 495 kg Pool (High Holding Power)
Anchor/Towing Winch	: Hydraulically driven two speed Double drum winch, pull 38 ton at 12.0 m/min, slack rope speed up to 38 m/min, 200 ton brake.
Capstan	: 5 ton at 15 m/min. electrically driven
Crane	: Heila HLM 10-25 + winch 1.1 ton at 7.8m
Towing Hook AFT	: Mampaey SWL 100 ton
Towing Winch AFT	: Hydraulically driven two speed single drum winch, pull 38 ton at 12.0 m/min, slack rope speed up to 38 m/min, 200 ton brake.
Fendering	: D-fender at sides, cylinder fender at transom corners, two cylinder bow fenders with water spray

ANTI POLLUTION & FIRE FIGHTING (FIFI) EQUIPMENT

Oil Pollution Control	: Dispersant pump set
FIFI Set	: Diesel Driven Pump 600/1200 M ³ /hr or FIFI 1 2400 M ³ /hr
FIFI Monitor	: 1x 600/1200 or 2 x 1200 M ³ /hr, water/foam

ACCOMMODATION

Officers	: 2 x Single Cabins
Crew	: 4 x 2 bed Cabins

LIFE SAVING EQUIPMENT

As per SOLAS