

MFV Atlantean

MFV Atlantean – 57,8 m Midwater Trawler.
Delivered in May 1999 by West Contractors AS,
Ølensvåg, Norway as yard no. 17 to Atlantean Ltd.,
owned by Des Faherty, Dublin, Ireland. The design is by
Vik & Sandvik AS, Fitjar, Norway. The vessel is built for
midwater trawling and carriage of the fish in RSW chilled
holds.

Principal particulars

Length o.a.:	57,80 m
Length p.p:	51,30 m
Breadth mid:	14,00 m
Depth to 1 st deck:	8,35 m
Depth to 2 nd deck:	5,85 m
Speed:	17,0 knots
Class:	DnV + 1A1 Fishing vessel, ICE C

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Propulsion System

Main Engine: Wärtsilä
 Gear: Wichman SCV950P580
 Propeller System: Wichman PR108/4l
 Propell/nozzle: FN 3800/50

Auxiliary engines

Make: Caterpillar
 Min generators: 3 x 3412TC – 500 kW
 Harbour generator: 1 x 3304T – 131 kW

Sidethrusters

Make: Brunvoll AS
 Fwd: 800 HP FU-63-LTC-1550
 Aft: 600 HP FU-45-LTC-1375

Electrical equipment

Radar 1: Furuno FAR-2835 Arpa
 Radar 2: Furuno FR-2130 S Arpa
 Radar 3: Furuno FR-1832
 Navigator 1: Furuno Lorán LC-90
 Navigator 2: Furuno GP-80
 Chart Plotter 1: Sodena turbo 2000
 Chart Plotter 2: Quodfish 510
 Autopilot: 2 x Robertson AP-9 MK3
 Gyrocompass: Robertson RGC-11
 Sonar 1: Kaijo KCS228-24/28/32 kHz
 Sonar 2: Kaijo KCS – 167 Hz
 Sonar 3: JRC JVF – 250
 Log: DCG 100 Tide Machine
 DGPS: Simrad CM30
 Catch sensor: Scanmar HC4- M1
 Depth sensor: Scanmar HC4-D1 200
 GMDSS: Furuno Station
 Weatherfax: Furuno 207
 Radio direction finder: Taiyo TDL – L620
 Cellphones/fax: Motorola
 SatPhone/fax: Sailor SP4164A
 Onboard Phone system: Panasonic Internal telephone system
 VHF: 6 x Sailor, Furuno and Icom
 MH/HF radio: Skanthy
 Radio SSB: Furuno FS-1562
 Intercom: Raytheon 430
 Sat TV: Sea-Tel

Ship System

F.O. and L.O. separator s: Alfa Laval
 Air Compressors: 2 x Sperre HLF/105
 Machine room, bilge and transfer pumps: Desmi
 Oily water separator: Helisep 1000
 Fresh water generator: Alfa Laval JWP-16C40/50
 Vent./AC-arrangement: Delivered by Johnsen Maritime AS
 Fans: Nyborg
 Ventilation Plant: Covent
 Engine room CO2 plant: Alf Lea & Co
 Main alarm System: Scana Moland
 Mob boat: NARWHAL SV-400 25+HP outboard
 Liferafts: 4 x 16 men DBS
 Ballast monitoring system: Ulstein Peilo
 Navigation Lights: Tranberg
 Searchlights: 2 x remote contr., 1 x manual contr.
 Fire alarm: NT Fire Detection controller
 Rudder: Becker flap rudder
 Steering gear: Ulstein Tenfjord SR-662
 Switchboard: ABB Installasjon
 RSW plant: Øyangen 2 x 800.000 kcal/h
 Vacuum pump System: MMC Ventura, 2 x 2500HT Twin Pack

Capacities

RSW holds: 1395 m³
 Fuel oil: 572 m³
 Fresh water: 118 m³
 Accommodation: 17 men

Deck equipment

Deck crane fwd: SM triplex KN-75/5/100/40/20
 Net v/crane aft: SM Triplex KN-50/5/34/50/5
 Trawl winches: Rapp Hydema 2 x TWS-22060-93,10
 Topline winch: Rapp Hydema TWS-2206-93,10
 Midline winch: Rapp Hydema SW-3500 B – 30,30t
 Net drums: Rapp Hydema 2 x ND-11000B-58,03
 Tail-line winch: Rapp Hydema SW-3500B-30,30
 Net sounder winches: Rapp Hydema 2 x SOW-500-4,3
 Windlass: Rapp Hydema AMW-34/20-7,5/101
 Aux. Winches: Rapp Hydema 3 x GW-200-1,40

