

# Aquila 115.000DWT



**BAR**  
TECHNOLOGIES

**DELTA MARIN**<sup>®</sup>

## General description

- Hydrodynamically optimized hull characteristics for combined sailing and engine running
- Aerodynamically optimized location of sails
- Aerodynamically optimized geometry of deck house
- Tier III Compliant
- Ballast Water Treatment System

### Main dimensions

Lenght overall	250.0 m
Length between p.p.	245.5 m
Breadth	43.4 m
Depth	22.3 m
Deadweight at design draft	100,000 t / 13.5 m
Deadweight at scantling draft	115,000 t / 14.8 m

### Class

DNVGL +1A Tanker for oil and oil products, COAT-PPSP(B,V), CSR, E0, LCS, NAUT (AW, ICS), CCO, Inert, SPM, BIS, ESP, TMON, BWM-T, CLEAN, ETC, COMF (V-3, C-3)

Alternatively LR, BV, ABS, RINA or any Class Society member of IACS can be selected

### Performance

Service speed at NCR and design draft (incl. 15% sea margin) 14.5kn

ME fuel oil consumption at design draft:

	Engine only	Aero Bridge Deck house	WindWing sails
• At NCR (tier III), 14.5 kn	32.8 mt/d	31.3 mt/d	26.8 mt/d
• At (tier III) 12.0 kn	18.6 mt/d	17.9 mt/d	12.6 mt/d

(The above fuel oil consumption figures are given basis LCV 42,700 kJ/kg, in ISO reference conditions, including 15% sea margin, without engine makers's tolerance)

The effect of deck house and WindWings to fuel consumption represent average values defined by manufacturer.

Endurance	25,000 nm
EEDI	Phase 3 compliant

### Cargo tanks and capacities

Cargo tanks	12 + 2 slop tanks
Segregation	3 grades
Cargo tank lining	Pure epoxy
Cargo tank vol. (incl. slop tanks)	137,000 m <sup>3</sup>
Heavy Fuel Oil	2,300 m <sup>3</sup>
Marine Gas Oil	1,100 m <sup>3</sup>
Fresh water	1,300 m <sup>3</sup>
Ballast water	40,700 m <sup>3</sup>

### Machinery and equipment

Main engine	MAN 5G70ME-C10.7
SMCR	12,180 kW
NCR (72.6 % SMCR, excl. PTO)	8,800 kW
Propeller	FPP
Propeller— Optional	CPP
Diesel generators	3 x 940 kW
Emergency generator	210 kW
PTO/PTI — Optional	900 kW
Oil fired boiler	2 x 25 t/h
Exhaust gas boiler	1.7 t/h
Cargo pumps	3 x 3,500 m <sup>3</sup> /h
Ballast pumps (centrifugal)	2 x 2,000 m <sup>3</sup> /h

### Complement

Cabins (incl. 6 Suez crew)	29
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