



**Antares Naviera**



**TUG HARBOUR - OCEAN (ASD)**

**MAPUCHE I**

**IDENTIFICATION**

Name : MAPUCHE I  
 Port of Registry : Buenos Aires  
 Mat. : 0-2725  
 Class : ABS  
 Call Sign : LW - 2553  
 IMO Number : 9549815  
 MMSI Number : 701006384  
 Flag : Argentina  
 Built : 2009  
 Shipyard : Sima - Callao

**DIMENSIONS**

Length overall : 24,55 m  
 Beam : 9,70 m  
 Depth : 4,45 m  
 Draught : 3,80 m  
 Net tonnage : 70 tons  
 Max. Displacement : 450 tons  
 Gross tonnage : 187 tons

**MACHINERY**

Main engines : 2 Caterpillar Mod. 3516 B DITA  
 Total BHP : 3380 HP - 2520 Kw  
 Propeller : 2 Aqua Master - Rolls Royce Azimut Trustrthers  
 : Aqua Pilot Control System AQM US 155.  
 Electrical System : 2 x CAT C4.4 ; 196 Kw Diesel - 380 V - 50 Hz  
 : 1 x CAT C2.2 ; 25 Kw, Diesel Port 380 V - 50 Hz  
 Steering Gear : -  
 Bow Thruster : -  
 Bollard pull : 42 tons

**SPEED / CONSUMPTION**

Full Speed : 12,9 knots  
 Cruising Speed : 9,5 knots  
 F.O Consump Max S : 6,8 tons/day  
 F.O Consump C.Speed : 4,6 tons/day  
 Stand-by Consumption : 0,4 tons/day

**LIQUID CAPACITY**

Diesel oil : 99,4 tons  
 Fresh water : 27,2 tons  
 Drill Water : -  
 Deck Cargo about : -  
 Deck area : -  
 Dry Bulk Cargo : -

**TOWAGE / ANCHOR HANDLING**

Towing Winch Aft : Marco Peruana S.A. Pull 10 tn. Break 90 tn. Power 45 Kw.  
 Electro-Hidraulic System - 600 m of 52 mm steel cable.  
 Anchor Windlass : Marco Peruana S.A. Pull 10 tn. Break 70 tn.  
 Electro-Hidraulic System - 80 m of 80 mm Polip. Rope.  
 Capstan : -  
 Crane : -  
 Crane : -

**NAVIGATIONAL EQUIPMENT**

Radar : Furuno M - 1832  
 GPS : Furuno GP - 32  
 Satelital Compass : Furuno SC - 502  
 Gyro Compass : -  
 Navtex : Furuno NX - 300  
 Auto pilot : Raytheon Anschutz AP02 - 501  
 Echo sounder : Furuno FCV - 620  
 Magnetic Compass : Cassens & Plath B-480175

**COMMUNICATION EQUIPMENT**

Inmarsat C : -  
 Epirb : ACR RLB-32  
 VHF radio (2) : Furuno FM-8800  
 VHF SMSSM (2) : ACR SR-102 R  
 MF / HF : Furuno FS-1503  
 A.I.S. : Furuno FA - 150  
 S.A.R.T. : ACR Pathfinder 3  
 R/T Receptor : IEA - 2182 Khz.  
 Sattelite Comm : -  
 E-mail INMASAT : -  
 E-mail IRIDIUM : -  
 Iridium phone : -  
 Mobile phone : +54-011-1556157655

**DELIVERY RATE**

Diesel Oil : 1 x 10 m/hr 30 m.a.c.  
 Drilling Water : -  
 Potable Water : 1 x 8 m/hr 50 m.a.c.  
 Bulk tank : -  
 Fire Monitor : 2 x 36 m³/hr  
 Fi - Fi : 1 x 30 m³/hr

**ACCOMODATIONS**

Crew : 2 Cabin x 3 2 Cabin x 2 Officers  
 Passangers : -