

## DOUBLE AZIMUTH STERN DRIVE TUG “ALGERINA NERI”



### BRIEF DESCRIPTION

ALGERINA NERI Type ASD tug built at Detlef Hegemann Shipyard (Germany) is designed to assist oil and gas off-loading tankers. Highly manoeuvrable, with two azimuth thrusters, this tugboat has its drum towing winch located on the forecastle, thus allowing to switch from towing to pushing within seconds. A towing winch is fitted on the main deck aft, giving an even higher operational flexibility. In addition it offers a fire-fighting 1 (2x 1200 cbm/hr) capability. The vessel is fitted with an automation for engine room, according to notation IAQ1, including also the remote control of the propulsion from the wheelhouse (I.E. start/stop of main engines).

### MAIN CHARACTERISTICS

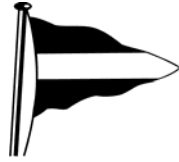
LOA	31.50 meters
Breadth	9.50 meters
Breadth over all	9.90 meters
Depth	5.20 meters
Design Draught (1/2)	4.20 meters

#### **Fratelli Neri S.p.A.**

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Max. Draught (extreme) 4.50 meters  
GRT-Net T 350-105

### REGISTRATION

Type of Vessel CP ASD TUG, Salvage, IAQ1, Fi-Fi 1 Tug  
Year built 1993  
Builder Detlef Hegemann Shipyard- Germany  
CALL Sign  
Classification RINA 100A 1.1 Salvage, IAQ1, Fi-Fi 1 Tug ,Unrestricted service

### PERFORMANCE

Speed 12,5 knots  
Direct Bollard Pull 55 tons =535 KN

### PROPULSION –MACHINERY

Main Engines 2 x MWM Deutz S BV 8 M/628 with a power of 2 x 1500 Kw at 900 rpm  
Gen Sets 2 x MWM Deutz TDB 234 V 6/F4L912 rating each 152 K.V – 400V-50Hz  
Harbour Gen Sets 1 DEUTZ F4L912-29 Kw-400 V-50 Hz  
Propulsion Units 2 x Schottel controllable pitch propellers in steerable kort nozzles  
Propellers 2 Schottel SRP 1212 CP  
Bow Thrust Nr 1 x 200 BHP Schottel

### ACCOMODATION

Accomodation 2 cabins for 1 officers, 2 crew cabins for 4 crews, total 10 persons, mess, galley, stores, WC's and shower  
Airconditioning Fully airconditioned, temperatures as per ISO standards,

### TOWING and SPECIAL EQUIPMENT

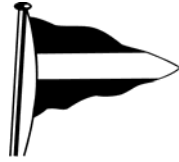
Fore Towing Norwinch double drum with rated line pull of 50 tons  
Winch Combinated anchor and towing winch NORWINCH Type 1S-15 -AV24  
Aft Towing Double Drum Norwinch S-15 -2T spec.  
Winch  
Hook SEEBECK 60 Ton

### TANK CAPACITIES

Fuel Oil 194.000 litres  
Fresh Water 41.000 litres

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Foam	17.000 litres
Lub Oil MMEE	3.000 litres
Waste Oil	3.000 litres
Lub Oil Hydr. system	3.000 litres
Sewage /sludge	4.000 litres
Ballast	40.000 litres

### **ELECTRONICS**

Communication	GMDSS A3 Sailor and Mini-M, Intercom and SP phone
Navigation equipment	1 radar, 2 GPS, Gyro Compass, Magnetic Compass, Auto Pilot, Echo Sounder, AIS, Speed Log , Gyropilot

### **LIFE SAVING EQUIPMENT**

	4 x Liferaft for 16 persons, 12 life jackets, 8 life buoys, 2 MOB's, line throwers, immersion suits, thermal suits, escape sets all approved SOLAS
Solas Boat & Crane ILO	Approved boat and crane, crane suitable for deck cargo

### **FIRE FIGHTING SYSTEM Class FI FI 1**

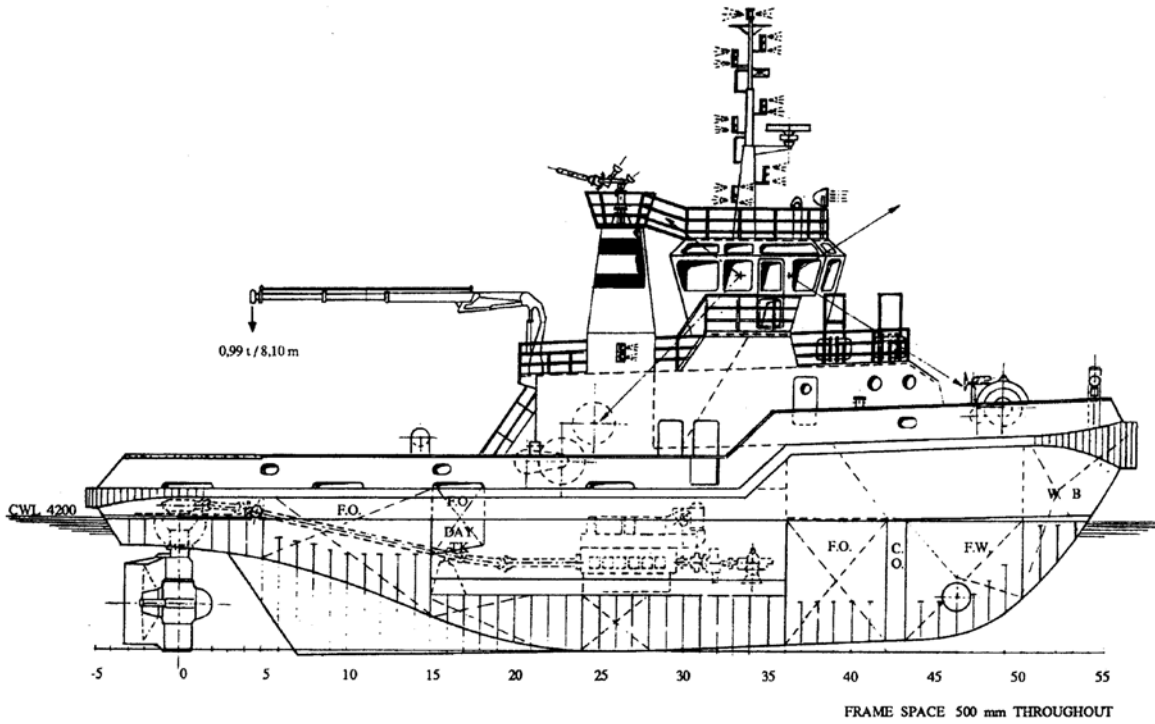
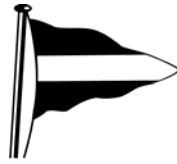
Nr 2 x monitors of 1200 cbm/hr capacity each  
Nr 2 x firefighting pumps of 1350 cbm/hr capacity and 14 bar pressure each  
Fi-Fi 1 capacity with Deluge Spray System, Water & Foam

### **OTHER**

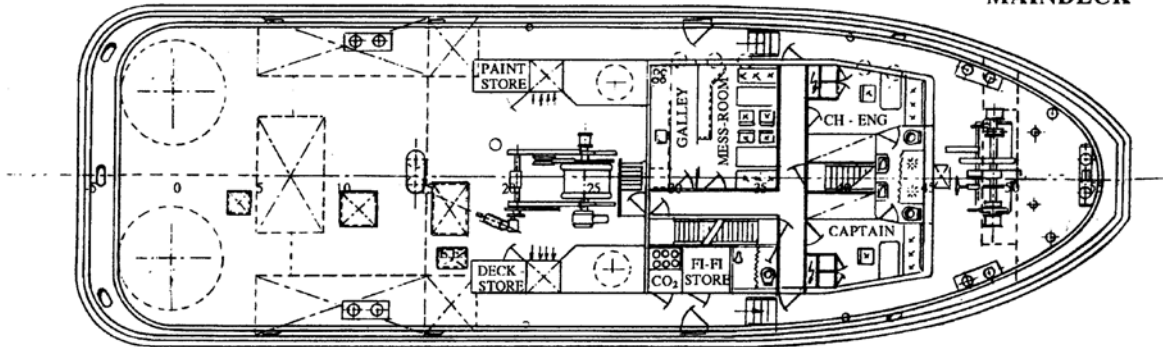
Oil Bilge separator 05cm/h, fuel + Oil separator Sewage treatment – starting Air Compressor

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**MAINDECK**



**STOWAGE**

