

ASSO TRENTUNO

Year	2012
Flag	Brazilian (Under temporary Italian Flag Suspension)
Builder	Rosetti Marino SpA - Ravenna - Italy
Class society	RINA
Class notation	RINA C +, +AUT-UMS, Tug, Supply Vessel, Green Star 3 Design, DP2, Comf Nose C, Comf Vibr. C, Fire Fighting Ship II, Rescue, Standby, Oil Recovery Ship IP<60 deg., Inwater Survey, Unrestricted Navigation, Diving Support
IMO number	9596753

All data believed to be correct, but not guaranteed

GENERAL INFO

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MAIN PARTICULARS

Length OA	79,90	mt
DWT	(6,8mt) 2800	T
Length BPP	69,50	mt
Breadth moulded	19,20	mt
Depth moulded	8,30	mt
Gross tonnage	3.740	T
Maximum draft	6,80 1,02 Skeg/Nozzle	mt

CARGO CAPACITIES

Working Clear Deck - space		
610 sqm		
Working Clear Deck - length x breadth		
38,2 x 16 mt		
Max Deck Cargo	1.200	T
Deck loading	10 T/sqm	T
Fuel Oil	dual purpose - 1.500	cbm
Fresh Water	720	cbm
Drill Water	1.200	cbm
Brine	dual purpose - 480	cbm
Mud	dual purpose - 730	cbm
Base Oil	dual purpose - 396	cbm
Dry Bulk	4 tanks - 235	cbm
Details of Mud Recirc or agitation System		
Agitation system a/o recirculation		

MACHINERY/PROPULSION

Bollard pull continuous	
220 T	
Main Engines	
2 x Wartsila 8L32 - 4.000 kW - 750rpm 2 x Wartsila 6L32 - 3.000 kW- 750rpm	
Total power (BHP)	18.774
Rudders	
Two off flap rudders type Rolls-Royce High Lift Two off Rolls-Royce indipendent electric hydraulic steering gears	
Bow thruster(s) (number and BHP)	
2 x CP R.R. tunnel thruster TT 2.200 DPN CP 883 kW	
Stern thruster(s) (number and BHP)	
2 x CP R.R. tunnel thruster TT 2.000 DPN CP 883 kW	
Shaft generator	
2 x 3.000 kVA at 1200 rpm - 440V - 60HZ (water cooled)	
Diesel generator	
2 x Man/LeroiSommer 400 kW at1800 rpm - 440V - 60HZ	
Emergency generator	
Man/LeroiSommer 400 kW at 1.800 rpm - 440V - 60HZ	

ANCHOR HANDLING CAPACITIES

Winch Type - Double/Triple Drum		
Brattvaag AHTW BSL500W/SL400 Two drums waterfall with socket compartment		
Winch - Pull Rating	500	T
Winch - Brake Rating	625	T
Secondary Winch		
2 off Rolls-Royce secondary winches, 138 T pull, socket compartment Capacity each drum: 1600mt of rope with dia. 208mm or 4000mt dia. 76mm wire		
Towing drum		
core dia 1500mm lenght 4350mt + 900mm capacity 3480mt of 86mm dia wire duty on towing d. 1st layer 350 ton at 0-23 mt/min dyn breaking first layer 77-555 ton at 0-43 mt/min static brake 550 ton		
Working drum		
core dia 1500mm lenght 4300mt + 900mm capacity 6400mt of 76mm dia wire duty on working d. 1st layer 500 ton at 0-18 mt/min dyn breaking first layer 97-694 ton at 0-43 mt/min static breake 625 ton		
Work wire A/H - length / diameter		
1.000mt x 64mm mt		
Tow wire - lenght / diameter		
1.200mt x 76mm IWRC mt		
Tugger Winch (number / capacity / rating)		
2 x 24 tons at 0-24 mt/min, cap. 600mt x 76mm wire mt		
Capstan		
2 x 10T pull at 0-16 mt/min		
Rig chain lifters (Gypsies)		
2 x 76 mm / 2 x 105 mm / 2 x 114 mm / 2 x 120 mm		
Rope Reel		
1 x 10 t. pull at 0-61mt/min cap. 1.400mt of 81mm wire		
A.H. Tong	2 x 800 swl up to 6	
Double Stern Roller		
2 x 3.000mm, 3.500mm dia, 550t. Swl		

DECK EQUIPMENT

Chain lockers
400,6 CM-18130 ft 3"chain
Stern Roller
2 x 3.000mm x 3.500mm dia - 550T SWL
Towing Pins (type and number)
(2 set) x 500 T swl
Shark Jaws - (type and number)
2 x RR type SWL 800 T
Crane
Two off Rolls-Royce SDO moveable hydraulic deck rail cranes Capacity: 3,0 t / 14.3 m and 5,0 t / 10 m CO.VIS. WWMT - 120,000 ST2/R2/15 5T x 15mt

CARGO DISCHARGE CAPACITY

Fuel Oil
1 x 200cbm/hr at 9bar - 2 speed 1 x 100cbm/hr at 9bar - 2 speed
Fresh Water
1 x 200cbm/hr at 9bar - 2 speed
Drill Water
2 x 200cbm/hr at 9bar - 2 speed
Brine
2 x 75cbm/hr at 18bar - 2 speed
Mud

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2 x 75cbm/hr at 18bar - 2 speed
Base Oil
1 x 100cbm/hr at 9bar - 2 speed
Tank cleaning system for wet bulk tanks? - Yes / No
Yes
ORO
brine pump and mud pump can be used also for ORO system
Bulk system
2 Screw compressor at 5,6 bar - air capacity 30,1 m3/min each

SPEED/CONSUMPTION

Max Speed/Consumption
17,5 Knots@ 65 T/24 hours
Economical Speed/Consumption
11 KTS - 1500t DWT - 16,8 T/24 hours

ACCOMODATION

Crew
8 single-bed cabins + 8 two-beds cabins + 2 four-beds cabins

FI-FI

FiFi	FiFi2
Number of monitors	
2 off Stang water monitors, cap. 3600 cbm/h each	
Number of pumps	
2 off pump driven by inner main engines through 2400 Kw step up gear capacity 4200 cbm/h nominal head 165 m	

ANTI POLLUTION EQUIPMENT

Spray booms	2	
Oil Recovery capacity	1.000	cbm
Dosage pump	fitted	

RESCUE EQUIPMENT

Rescue Zone	Yes
Fast rescue boat	
1 x HATECKE FRB 600 IB 164 HP waterjet,25 KN speed with approved A-frame foldable davit-arm. DR - 600	

NAVIGATION AND COMMUNICATION EQUIPMENT

Joystick (Yes / No)	Yes
DP	Class2
DP type	Kongsberg Dynpos AUTR
Radar (number and type)	
1x10cm S Band ARPA Radar + 1x3cm ARPA Radar	
GMDSS	A3
Inmarsat	
2 x JRC JUE85 + 1 x JRC JUE 500 + 2 x VSAT KU Band + 1 TV SAT	
VHF	
2 VHF with DSC + 1 VHF 55 ch	
DGPS/GPS	
2 DGPS Satellite Navigators	
Echo sounder	fitted
Speed log	fitted
Gyroscopic compass	3 gyrocompass
Automation	fitted

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