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

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

MAIN PARTICULARS

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

CARGO CAPACITIES

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

MACHINERY/PROPULSION

Bollard pull continuous	
220 T 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 T
Winch - Brake Rating	625 - T 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	

All data believed to be correct, but not guaranteed

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	
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	

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

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	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	

All data believed to be correct, but not guaranteed