



## Cristina Antonia - Tractor and escort tugs



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<b>TYPE</b>	Motor Tug Boat
<b>FLAG</b>	Italian
<b>PORT OF REGISTRY</b>	Ravenna
<b>N° OF REGISTRY</b>	225
<b>TYPE OF NAVIGATION</b>	Unrestricted
<b>IMO N°</b>	9289300
<b>CALL SIGN</b>	IMCD
<b>YEAR</b>	2004
<b>YARD</b>	UNV Union Naval Valencia
<b>CLASS SOCIETY</b>	R.I.N.A. Registro Italiano Navale
<b>ASSIGNED CLASS</b>	C Tug - FiFi1 - Waterspray
<b>ADD.CLASS NOTATION</b>	AUT -UMS;TPF(Kn)546;
<b>RADIO STATION AREA</b>	A1+A2+A3

### Main Particulars

<b>Lenght Overall</b>	29,50 mt
<b>Beam</b>	11 mt
<b>Maximum Draft</b>	5,70 mt
<b>Minimum Draft</b>	4,50 mt
<b>Gross Tonnage</b>	369 Tons
<b>Net Tonnage</b>	132 Tons
<b>Bollard pull</b>	542Kn (55 Tons)

### Machinery

<b>Main Engines</b>	Deutz SBV 9M 628 x2
<b>Power</b>	4050 Kw (5508 Hp)
<b>Propulsion</b>	Voith Schneider
<b>Aux Generators</b>	Iveco Aifo 8210 SRM 36 x2

### Tank Capacity

<b>Ballast</b>	46,7 m/c
<b>Fuel Oil</b>	160 m/c
<b>Fresh Water</b>	28,4 m/c
<b>Lube Oil</b>	10,00 m/c
<b>Hydraulic Oil</b>	-
<b>Dirty Oil</b>	-
<b>Foam</b>	17,1 m/c
<b>Dispersant</b>	-

### Accommodations

<b>Single cabin</b>	3
<b>Double Cabin</b>	2
<b>Crew messroom</b>	1
<b>Total accommodation</b>	7

### Towing Equipments

<b>AFT. TOWING WINCH</b>	
<b>Hatlapa Winches K 1 50Kn</b>	
<b>Winch Wire capacity</b>	600 mt Ø44
<b>Brake Holding capacity</b>	1500 KN
<b>FOW. TOWING WINCH</b>	
<b>Hatlapa Winches K 1 70Kn</b>	
<b>Winch Wire capacity</b>	150 mt Ø44
<b>Brake Holding capacity</b>	1500 KN

### Performance and indicative consumptions

<b>Maximum Speed</b>	12 Knots
<b>Cruising Speed</b>	10 Knots
<b>Economical Speed</b>	9 Knots
<b>Maximum fuel consumpt.</b>	15 tons/day
<b>Cruising load fuel consumpt.</b>	11 tons/day
<b>Economical load fuel consumpt.</b>	8 tons/day
<b>Range in miles at economical speed</b>	3456 NM

### Navigation & Communication

<b>Depth Recorder</b>	Furuno FE 700
<b>GPS Navigator</b>	Simrad GN 33 B/WE
<b>Radars x 2</b>	N°2 - Furuno FR - 1510 MK -3
<b>Radio systems</b>	Skanti TRP 1150
<b>Autopilot Steering</b>	Raytheon NP 60
<b>Telephone System</b>	Skanti VHF 1000 DSC
<b>VHF DSC</b>	Skanti 1000P DSC
<b>AIS - Navtex</b>	Furuno FA - 100 / NCR - 330

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