

Esino - Azimuth stern drive tugs



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TYPE	Azimuthal Stern Drive Tug
FLAG	Italian
PORT OF REGISTRY	Ravenna
N° OF REGISTRY	212
TYPE OF NAVIGATION	Unrestricted
IMO N°	9372781
CALL SIGN	IFQH2
YEAR	2006
YARD	Union Naval Valencia
CLASS SOCIETY	R.I.N.A. Registro Italiano Navale
ASSIGNED CLASS	C tugboat FIFI 1 Waterspray
ADD.CLASS NOTATION	AUT - UMS
RADIO STATION AREA	A1+A2+A3

Main particulars

Lenght Overall	32,5 mt/35,10 mt
Beam	10,60 mt
Maximum Draft	4,80 mt
Minimum Draft	3,70 mt
Gross Tonnage	459 Tons
Net Tonnage	137 Tons
Bollard pull	72 Tons

Machinery

Main Engines	n°2 Wartsila 6L26 A2
Total Powers	4050 Kw - 5500 Bhp
Propulsion	N°2 Ulstein Acquamaster
Aux Generators	N°2 Volvo Penta 139 Kw ich

Tanks Capacity

Ballast	31,8 m/c
Fuel Oil	276 m/c
Fresh Water	56 m/c
Lube Oil	6,1 m/c
Hydraulic Oil	3,1 m/c
Dirty Oil	2,5 m/c
Foam	17,7m/c
Dispersant	9,2 m/c

Accommodation

Single cabin	3
Double Cabin	2
Crew messroom	1
Total accommodation	7

Towing Equipments

AFT. TOWING WINCH Rolls Royce	
Rauma Brattvaag	TW1500/250H
Winch Wire capacity	600 mt Ø52
Brake Holding capacity	1500 Kn/ Pull 25 Tons
FOW. TOWING WINCH Rolls Royce	
Rauma Brattvaag	TW1500/150H
Winch Marlow rope capacity	2x 250 mt Ø52
Brake Holding capacity	1500 Kn
Pull (first layer)	15 Tons (0-10 m/min)

Performance and indicative consumptions

Maximum Speed	13,5 Knots
Cruising Speed	12 Knots
Economical Speed	10 Knots
Daily Fuel Consumption	14,2 MT/day
Cruising load fuel consumpt.	12 M.T./ day
Economical load fuel consumpt.	9 M.T./day
Range in miles at economical speed	7360 NM

Navigation & Communication

Depth recorder	Furuno echo sounder FE - 700
GPS Navigator	Furuno GP 90
Radars x 2	JRC - NWZ - 147
Radio systems	Sailor A1+ A2 GMDSS
Autopilot Steering	Navitron System LTD
Telephone System	Scm - TA
VHF DSC	Sailor RT 5022
AIS - Navtex	JRC - 182/JRC NCR 333

Special Equipment

Anchor-Chain	2 x 660 Kg Stocklees anchor - Chain Ø 22
FiFi Pumps	Vickers Eaton Norway 1200Lt
FiFi Monitors	Monitor Jason Norway 1200 Lt
Deck Crane	Cytecma ck - 103/2SFC 3.2 Tons - 10,2 mt
Survival Craft	Duarry 3 (10+10+10)

