



Stadt Årdal - Azimuth stern drive tugs



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Type: Motor Tug boat
Flag: Norwegian
Type of navigation: Unrestricted
Power: 3000 HP
Year: 1985
Yard: Skaalurens Skipsbyggeri AS
Classification: RINA, + AUT-UMS Unrestricted area
Safety regulations: NMA North- and Baltic Sea trading

Main Particulars

Lenght Overall	29,70 mt
Breadth mid	9,00 mt
Depth mid	4,5 mt
Maximum Draft	6,30 mt
Operational Draft	6,0 mt
Gross Tonnage	315 Tons
Net Tonnage	94 Tons
Bollard pull	45t
Air Draft	21 mt

Machinery

Main Engines 2 x Bergen Diesel Type HIAB
Power 3000 HP
Aux/El. power 2 x Caterpillar 190HP/ea Type 3306T
Electrical power 2 x Stamford gen. 165kVA/ea 380V

Main Propellers

Maker: 2 x Liaaen Compass Thrusters
Type: TCN 83/56
Speed 230 rpm

Performance and Indicative Consumptions

Free running: 12 knots
Economical speed: 8,5 knots, 250 lt/hr

Tanks Capacity

Marine Gas Oil: 163 m³
Pot. Water: 50 m³

Accommodation

Single cabins: 2
Double cabins: 2
Total crew 6

Towing Equipment

Main towing winch Karm Double drum hydraulic
Pull / brake force 40 T Pull. 100 T Brake
Escort Line 1 x 125 m 48 mm Synthetic. MBL 193 T
Spare tow / escort line 1 x 700 m 40 mm wire. MBL 103 T

Deck Equipment

Deck cranes: 1 x 1,5 T at 7 m. Type HIAB
Capstans: 1 x 3 T. Type: Karm

Navigation & Communication

Radar: 1 x Furuno FR-8062. 1 x JRC 306 M 2
Ecdis: 1 x Telchart
Compass: 1 x Robertson Gyro RPG 90
Autopilot: 1 Robertson AP9 GA
Echosounder: 1 x Furuno FCV 620
Navtex: 1 x Furuno NX 700
DGPS: 1 x Furuno GP 150
AIS: 1 x Furuno FA 150

Communication Equipment

General: GMDSS installation in accordance with IMO regulations for vessels operating within Sea Area 1
GMDSS VHF with DSC: 1 x Furuno FM 88005
GMDSS VHF portable: 1 x Jotron Tron
VHF: 2 x Sailor C402
GMDSS EPIRB: 1 x ACR RLB-32 CAT . 1 x Tron 45 SX
GMDSS SART: 1 x Jotron Tron
Mobile Telephone: GSM / Land line
Telefax: GSM / Land line

Fire Fighting Equipment

FiFi Pumps: 2 x 380 m³/h at 15 bar
FiFi Monitors: 1 x 5000 l/min 21m above sea level. -
 Thrownlength 75m. 2 x 2500 l/min local control. Thrownlength 65 m.
Other: Protection equipment