

# Alex

Azimuth Reverse Tractor Tug



Østensjø Rederi



# ALEX

## GENERAL

Operator	Lee Towage Ltd
Built	1995
Builder	East Isle Shipyard Ltd
Yard no.	63
Design no.	A.T.L Z 45
Call sign	EIDK
Flag	Ireland
Port of Registry	Cork
IMO no.	9112741
Classification	DNV, +1A1, Tug, EO, Fi-Fi 1
Safety regulations	Department of the Marine, Republic of Ireland

## DIMENSIONS

Length o.a.	30,8 m
Breadth mld.	11,14 m
Depth mld.	5,21 m
Draft max.	4,78 m
Operational draft	5,0 m
Air draft	19,50 m

## TONNAGE - DEADWEIGHT

Gross tonnage	397 GT
Net tonnage	119 NT

## DECK EQUIPMENT

Deck cranes	1 x 1,8 T at 10 m. Type: Palfinger
Capstans	1

## PROPULSION

Main engines	2 x Caterpillar Diesel. Type: 3516 TA
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Horse power ration	Total continuous output 4004 BHP
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## AUXILIARIES / ELECTRICAL POWER

Generators	2 x Caterpillar, each 165 kW. Type: 3306DITA
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## ELECTRICAL SYSTEMS AND POWER MANAGEMENT

Electrical power	440 V/110 V, 60 Hz
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## SPEED / CONSUMPTION

Max speed / Consumption	13 knots at 100% MCR, 11,5 tonnes/day
Economy speed / Consumption	10 knots, 7,5 tonnes/day

## MAIN PROPELLERS

Maker	2 x Aquamaster
Type	Z-drive, US1701

## PERFORMANCE

Bollard pull	50 tonnes ahead, 47 tonnes astern
Speed free running	13 knots

## LIQUID TANK CAPACITIES

Marine Gas Oil	224 m3
POT water	4 m3
Foam	8,5 m3
Oil recovery	60 m3

## FIRE FIGHTING EQUIPMENT

Firepumps	DNV Fi-Fi 1 Class. 2 x 1500 m3/h, each incl. spraying system. Type: Kumera NKUH 7500
Firemonitors	2 x water/foam (FFS) 300 m3/h foam dispersants
Foam	300 m3/h foam dispersants
Other	Water Curtain for on board protection

## ORO

Oil booms	1 x 200 m Troilboom. Nofi side sweep system
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Oil skimmer	Foxtail skimmer
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## TOWING EQUIPMENT

Main towing winch	Type: Burrard iron Works. HF Single Drum with Auto Spooling
Towing winch forward	Type: Burrard iron Works. HF Single Drum with Auto Spooling
Towing winch aft	No Aft Towing Winch.
Pull/Brake force	108 T Brake
Escort line	1 x 150 m 76 mm Bridon Superline used in conjunction with a 1 x 20 m 48mm Dextron 12 Plus Pennant (Dyneema SK-75 Fibre)
Spare tow/escort line	1 x 150 m x 10" Circ Spectron Multiplait

## NAVIGATION EQUIPMENT

Radar	2 x Furuno 3cm type RDP 150
Electronic Chart System	1 x Raymarine C120
Compass	1 x Furuno THD Satellite Compass
Autopilot	1 x Comnav 2001 GAC
Echo Sounder	1 x SI-Tex CVS-106
Navtex	1 x Lokata Navtex 2
AIS	1 x JRC Model JHS 182

## COMMUNICATION EQUIPMENT

General	GMDSS installation in accordance with IMO regulations for vessels operating within Sea Area A2
GMDSS Radio MF/HF Transceivers & DSC	1 x Furuno FS-1562-15
GMDSS VHF with DSC	1 x Sailor Compact VHF RT 2048 with DSC RM 2042
GMDSS VHF portable	2 x ICOM, Type IC-GM1600E + spare batteries exp date 04/2018
VHF	1 x Sailor Compact VHF RT 2048 with DSC RM2042. 1 x Sailor Compact VHF RT 2048
GMDSS EPIRB	1 x Jotron Tron 60S (serial no 03548)
GMDSS SART	1 x Jotron Tron
Mobile Telephone	Cellphone/Land line with telephone
Telefax	Epsom WF 2530

## ACCOMMODATION

Single cabins	1 x Single cabin
Double cabins	2 x Double cabins
Other	Messroom, Dayroom, Galley, Washroom, Laundry

## LIFESAVING / RESCUE

Approved lifesaving appliances for	LSA approved for 5 persons
Liferafts	2 x 16 persons. 1 x 6 persons. Type: Viking
Rescue/MOB boat	Zodiac rib boat with 9.9 HP outboard

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