



NEMECA Z

TOWAGE & SALVAGE SERVICES

LEON Z

MAIN DESCRIPTION

Name	Leon Z
Type	Twin screw in Nozzle with Triple Hi-Lift rudders
Classification	RINA
Class notation	AUT-UMS
Vessel Built	UZMAR Ship Building and Industry Co. Inc.
Built	Turkey, 2005
Yard No.	194
Design	Robert Allan Ltd., Canada
Call Sign	SVA 5839
Port of registry	Thessaloniki
Flag	Greek
IMO No	9359519

MEASUREMENTS

Length	22.50m
Breadth max	8.22m
Designed Draught (Extreme)	3.66 m
Gross Tonnage	160.37
Net Tonnage	30.21

TANK CAPACITIES

Fuel	54m ³
Fresh water	14m ³
Liquid foam	4.4m ³
Sewage	2.3m ³

ENGINE DETAILS

Engine	2 x Caterpillar 3512B DITA B-rating
Total Power	2102KW -2854BHP at 1600 rpm
Auxiliary engines	2 x Cummins 4BT 3,9 DM
Generators:	2 x Stamford Alternator 41kW each 380V 50 Hz
Propellers:	2 x LIPS Kaplan type Fixed Pitch propellers in LIPS Hr High Performance nozzles
Rudders:	Triple Shutter Hi-Lift rudders behind each nozzle
Steering:	2 x independentjog lever full follow up control
Cooling system:	Closed circuit keel cooling channels

NAVIGATION EQUIPMENT

Radar 1	1 x Furuno(96nm)
Radar 2	1 x Raymarine (24 nm)
GPS 1	1 x JRC
AIS	1 x JRC
Echo sounder:	1 x Raymarine
Magnetic compass:	1 x Cassens & Plath GmbH
Autopilot:	1 x Anschitz
Chartplotter:	1

DECK/TOWING EQUIPMENT

Tow Winch fwd:	1 x Bow Hawser winch 5 tonnes pull, brake capacity 75 tonnes,
Tow Winch aft:	1 x Kraaijeveld winch 20 tonnes pull brake capacity 75 tonnes
Towing hook:	1 x Mampaey
Towing pins:	1 x Data hydraulic
Both winches can be run by a local steering panel and remotely from the bridge.	
Deck crane:	1 x AMCOVEBA, type V812 FM-3S lltm Max. radius 10m/1,01
Portable pumps:	3 x electrical, total 149m ³ /hr

ACCOMODATIONS

Total number of beds:	5
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FIRE FIGHTING

Fire pump:	1200m ³ /h driven by dedicated diesel engine
Fire monitors:	2 x Skum, 600 m ³ /hr each, remotely controlled monitors for water with possibility foam

PERFORMANCE

Bollard Pull Continuous:	45.2 tons
Max. Speed:	12.5 knots
Service Speed:	10knots

*The information contained in this data sheet is for guidance purposes only and may be subject to changes



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