

Technical information TUG FOROS

Due to its ice-class FOROS is perfectly capable of conducting icebreaking, towing, pushing, rescue, and emergency vessel assistance functions but with a cosmetic repair the ship would also be suitable for research or recreational boating activities for as far as in the arctic waters. Currently 16 people that can be accommodated onboard FOROS, with a maximum capacity of 40 guests and crew.



The vessel was purchased for icebreaking operations in the port of Riga. When arriving to Riga, the vessel underwent drydocking in 2015, major renewals were done to steel of hull and auxiliary engines. At its service in Riga the classification society was changed to Maritime Administration of Latvia. FOROS is flying Latvian flag and is maintained in accordance with the requirements of the classification society. Next drydocking is scheduled for December, 2023.

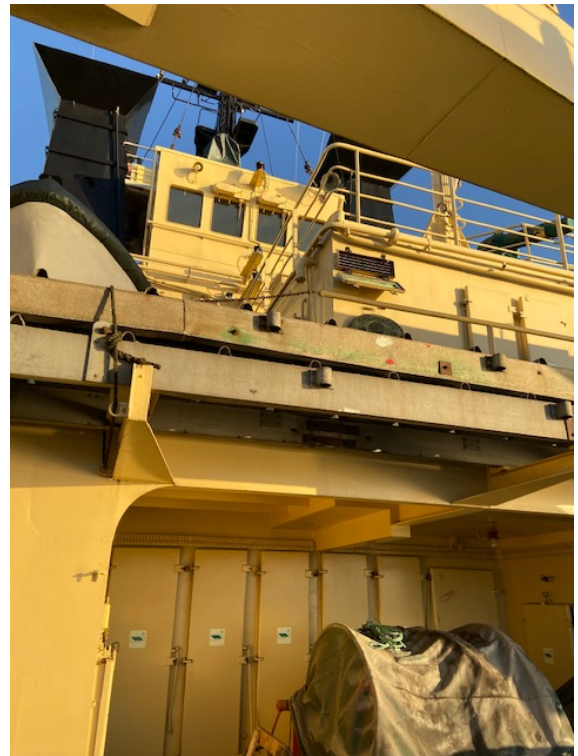


Technical sheet

Type	Tug - Icebreaker
IMO No.	8118089
Port of registry	Riga
Owner	SIA "LVR Flote", www.lvrflote.lv
Flag	Republic of Latvia
Classification society	Latvian Maritime Administration
Built	1983
Shipyard	Oy Wärtsilä Ab Helsinki Shipyard, Finland
Hull	Steel
Dimensions	Length: 66.53 m Width: 18 m Side height: 9 m GT: 3112
Draft	7.1 m
Propulsion	Compression ignition
Main engine	Internal Combustion Engine/6 CHN 40/46 – 2 units 2557 kW each
Auxiliary engines	Wartsila 4R22 type – 3 units 535 kW each
Speed	14 knots
Consumption	1 Main engine: 12.8t./day (100%); 10.1 t/day (75%); 6.7t/day (50%) 1 Aux. engine: 2,5t. /day (100%); 1.9 t/day (75%); 1.3t. /day (50%) Boiler: 1881.6 kg / day
Deck equipment:	Deck crane HSC42 3 t – 2 units Stern winch Ш5HHV 400/400 - 2x 1 200m, 052 mm. Traction force 67 t (break 140 t)
Safety equipment:	Fire extinguishing system, rescue and radio-navigation equipment for use in inland waters
Accommodation:	Max capacity 40 (including crew) Accommodation spaces and common spaces are maintained in satisfactory condition but are in need for cosmetic repair.
Class	*ISE; TUG; R0; IM; ICE 1
Trading area	The territorial waters of the Republic of Latvia "A1"
Last inspection	26.01.2023.
Next DD	31.12.2023.



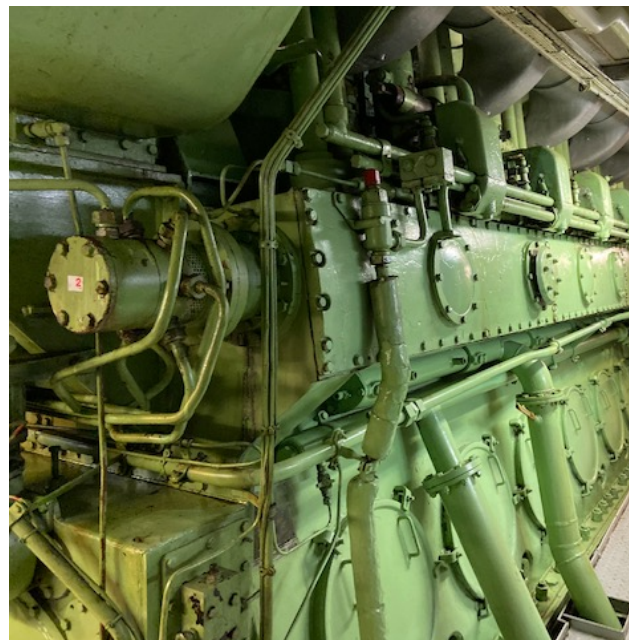
Outer deck



Wheelhouse and engine control room



Engine room and main engines



General arrangement plan

