



Tugboat ORION



Home port, flag:	Riga, Latvia
Date and place of build:	2013/ Nikolayev, Ukraine
Classification RINA:	Tug; fire-fighting ship 1 water-spraying; escort tug; salvage tug; + AUT-UMS; DMS; ICE CLASS 1A
IMO number:	9679775



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DIMENSIONS

Overall length	33.00 m
Breadth	12.10 m
Max. Draught aft	4.88 m
Gross tonnage	467 t
Net tonnage	140 t
Displacement	761 t

PERFORMANCES

Bollard pull ahead	65 t
Speed ahead	13 knots
Cruising radius	1400 miles

PROPULSION, MACHINERY

Main engines	2 x Caterpillar 3516C-HD
Output of main engines	2 x 1864 kW at 1600 rpm
Propulsion unit	2 x CPP Aquamaster US 255P30CP

AUXILIARIES

Diesel generator	Caterpillar 2 x 86 kW
Emergency generator	Caterpillar 38 kW

NAVIGATION AND COMMUNICATION EQUIPMENT

Gyro compass	NAVICO GC-80
Radar	FURUNO FAR 2127
Autopilot	SPERRY MARINE NAVIPILOT 4000
Echosounder	CONSILIUM MARINE SAL T3
ECDIS	NAVI SAILOR 4000 ECDIS MFD
Radio stations	VHF SAILOR 6320 SAILOR MF/HF SSB

DECK LAY - OUT

Tow-anchor winch	Rolls-Royce TW1800/450/AW20562H
Towing cable	50 mm Samson AdSteel Blue, 150 m
Anchor	2 x 430 kg
Aft Tow winch	Rolls-Royce TW1800/200 H
Towing cable	54 mm steel rope, 700 m
Towing hook	Mampaey 65 ton
Deck crane	Fluidmeccanica HM 12-35 12 t/m

TANK CAPACITIES

Fuel oil	160 m ³
Fresh water	30 m ³
Foam	10 m ³