



# Tugboat ORION



<b>Home port, flag:</b>	<b>Riga, Latvia</b>
<b>Date and place of build:</b>	<b>2013/ Nikolayev, Ukraine</b>
<b>Classification RMRS:</b>	<b>KM ★ Arc4 R2 AUT1 FF3WS Escort tug</b>
<b>IMO number:</b>	<b>9679775</b>



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## **DIMENSIONS**

Overall length	33.00 m
Breadth	12.10 m
Depth	5.63 m
Draught	4.92 m
Gross tonnage	467
Net tonnage	140
Displacement	761 t

## **PERFORMANCES**

Bollard pull	65 t
Rate of sailing at 3728 kW	13 kn
Cruising radius	1400 miles

## **PROPULSION, MACHINERY**

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

## **AUXILIARIES**

Diesel generator	Caterpillar 2 x 86 kW and 1 x 38 kW
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## **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
Tow winch	Rolls-Royce TW1800/200 H
Towing cable	54 mm steel rope, 700 m
Deck crane	Fluidmeccanica HM 12-35 12 t/m