



SPEISIFICATION 12.8.2024



ASD Tug Fortitude

SPEISIFICATION AND CLASSIFICATION





Ship Particulars

IDENTIFICATION

Name;	FORTITUDE	c/s: OJVE
Ship Type:	ASD Tugboat	Flag: Finland
IMO number:	9001693	

CLASSIFICATION

LR +100A1, TUG, *IWS

HULL

Gross Tonnage 69:	371	Builder:	Richards (Shipbuilders) Limited
Net Tonnage:	111	Date of build:	Marc 1991
Deadweight	224 ton	Hull material:	Steel
Length overall:	30,6 m		
LBP:	25 m		
Breadth overall:	10,22 m		
Depth:	4,8 m		
Draught:	4,2 m		
Freeboard:	1370 mm		

MACHINERY

Main engines:	2 x Ruston 270M
Total power:	2880 kW
Propulsion;	2 x fixed pitch ASD propeller (Aquamaster US 1251)

PERFORMANCE

Bollar pull (ahead):	51 t @ 2880 kW
Bollar pull (astern):	46 t @ 2880 kW
Speed (maximum):	12,6 kt
Speed (economic):	9 kt

GENERATOR SET

2 x shaft generator	406 KVA/Hz50
1 x Harbor generator	106 KVA / 50 Hz

**DECK EQUIPMENT**

Fore winch	Hydraulic Forward Brattvaag B3/SL7 Brake capacity 150 Tons
Tow Rope	220M of 72mm Strongline, MBL 177 Tonnes
Aft winch	Hydraulic Brattvaag B3/SL7 Brake capacity 150 Tons
Tow wire	550M of 52mm SWR MBL 192.7 Tons
Spare Tow Wire on second Drum Aft Winch 420M of 44mm SWR MBL 137.7 Tons	
Tugger Winch Aft Brattvaag B3/SL7 10 Ton	
Deck Crane	Palfinger PK45000 C, 45 Tonm, Outreach 17,2 m (2190 kg)
Fire monitors	2 x 200 m3/h

TANK CAPACITIES

Fuel oil:	130 m3
Potable water:	50 m3
Foam:	10 m3
Sludge:	2,4 m3
Grey water:	2,4 m3

ACCOMODATIONS

Accommodations	2 x 1 Man cabin 3 X 2 Man cabin 2 x heads 1 Galley 1 Mess
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NAVIGATION

VHF	2
Autopilot	1
ECDIS	Yes
HF/MF	Yes
Eco Sounder	Yes
Inmarsat C	Yes
Navtex	Yes
Starlink	Yes

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