



ROYAL  
WAGENBORG



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E

### E-CLASS VESSELS

Beatrix	2009	Finnborg	2011
Fivelborg	2010	Fraserborg	2011
Flevoborg	2010	Fuldaborg	2012

### ENGINE

Main engine	Wärtsilä 9L32, 4.500 kW at 750 rpm
Propeller	Single ccp, 4 blades with nozzle, 4.200 mm
Bowthruster	640 kW

### INSURANCE

Classification	Bureau Veritas
P&I Club	North of England P&I Association

### GENERAL PARTICULARS

DWAT	4.603
DWCC Summer	13.500
DWCC Winter	13.100
GT	8.911
NT	4.419

Lenght over all	154,60 m
LBPP	148,14 m
Breadth over all	17,20 m
Moulded depth	11,55 m
Draught Summer	8,190 m
Draught Winter	8,020 m
Height WL-HC in ballast	8,50 m
Airdraft in ballast	29,00 m

Built	2009 - 2012
Shipyard	Ferus Smit, NL
Flag	Dutch
Homeport	Delfzijl
Ice Class	Finnish/Swedish 1A
Class Notation	AUT - UMS, Ice Class 1A, SYS-NEQ

### HOLDS/HATCHES

Type of holds	Fully openhatch - no understow Fully box and double skinned Fully square - except outer shape
Cubic Capacity	606.781 cft
Capacity hold 1	255.982 cft
Capacity hold 2	350.799 cft
Dimensions hold 1	50,40 x 14,34 x 11,47 m
Dimensions hold 2	61,60 x 14,34 x 11,47 m
Hatchcover type	Cargotech MacGregor Navire Hydraulic steel pontoon hatches

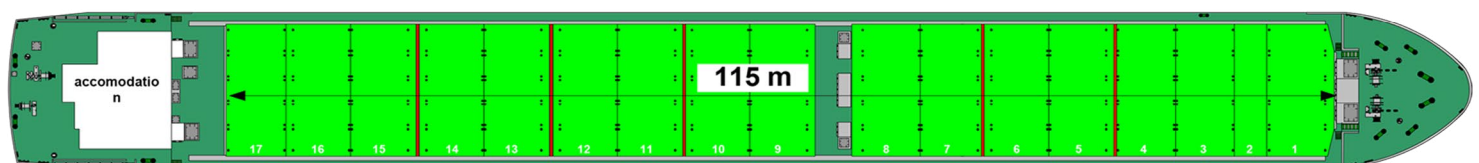
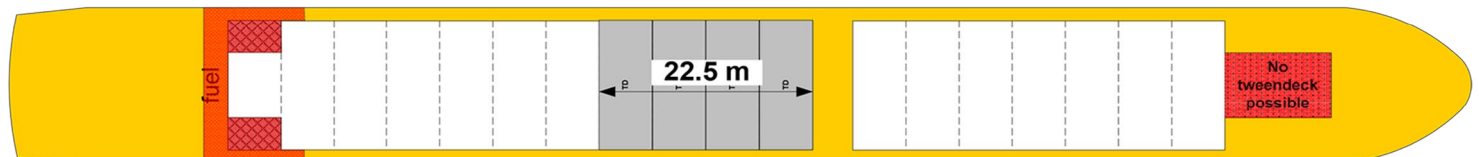
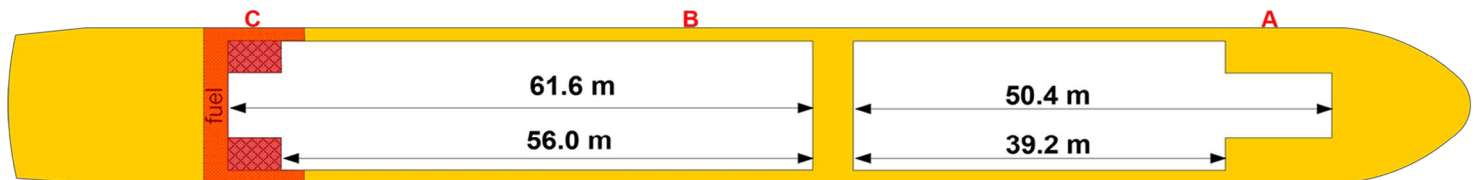
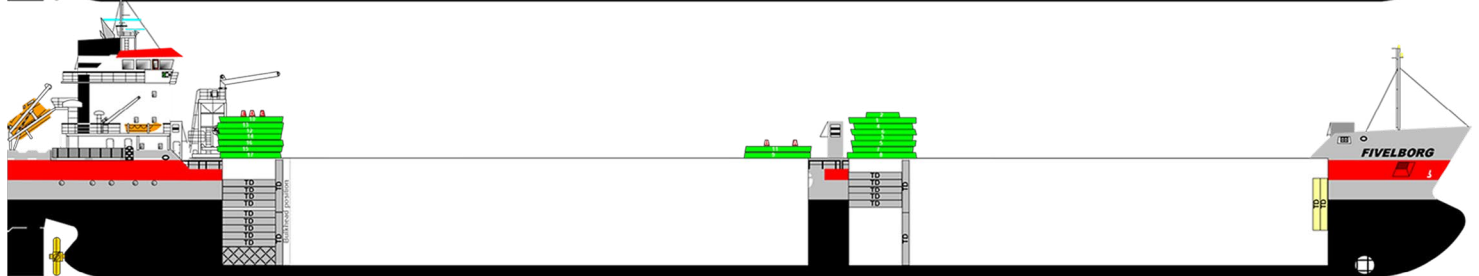
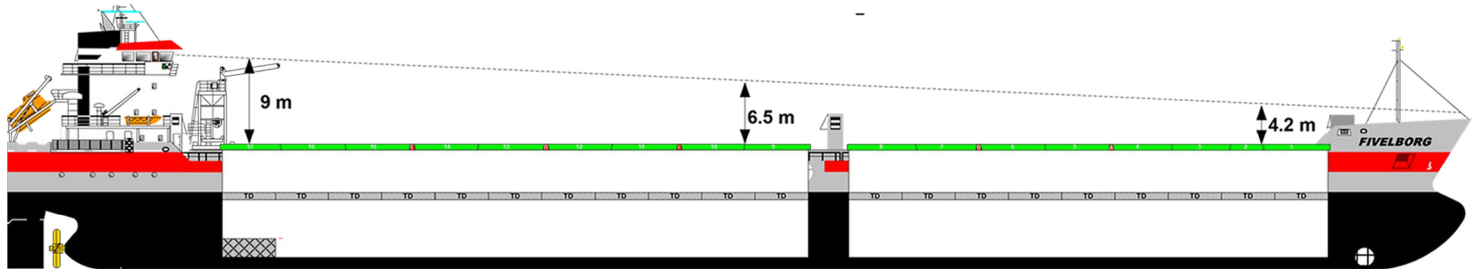
Max pressure Tanktop	15,00 mts/m <sup>2</sup>
Max pressure weatherdeck	1,75 mts/m <sup>2</sup>

### CARGO CRANES

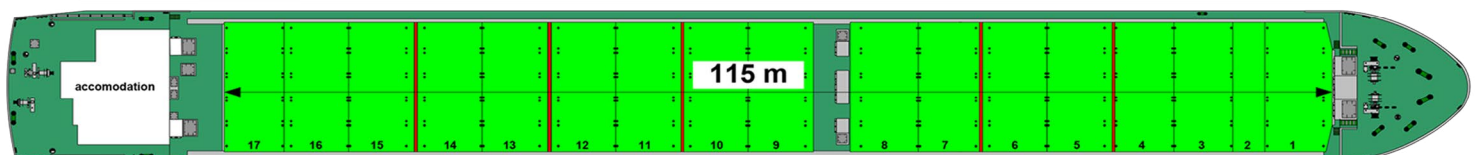
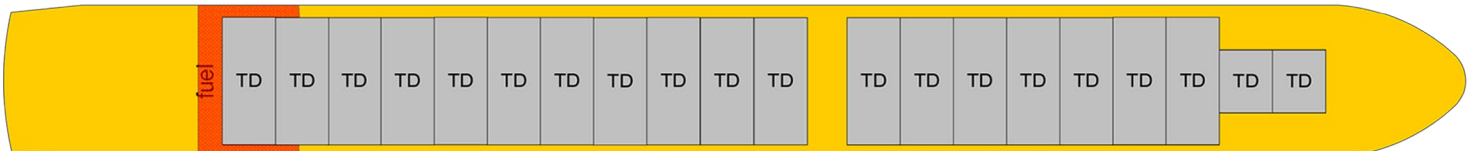
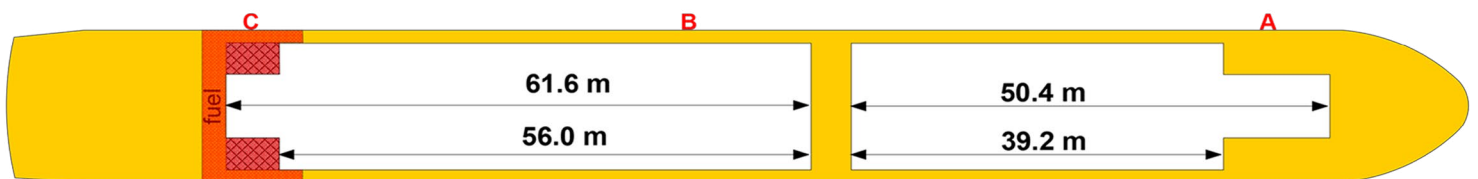
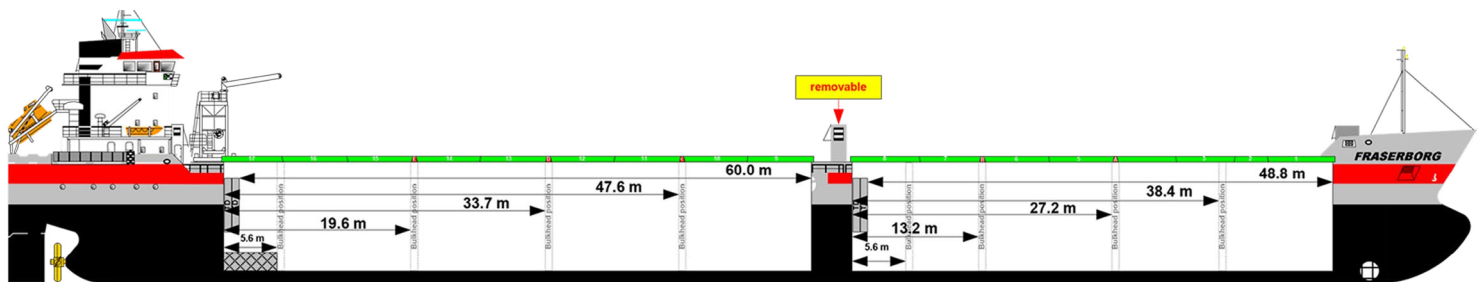
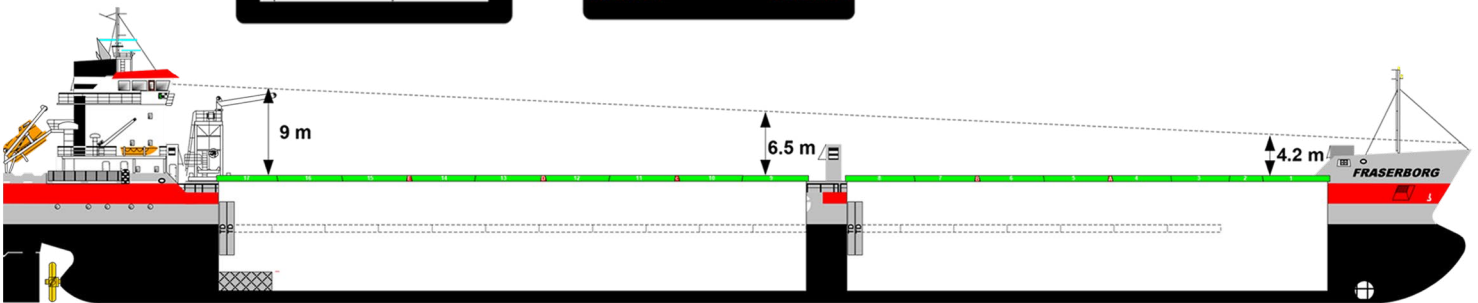
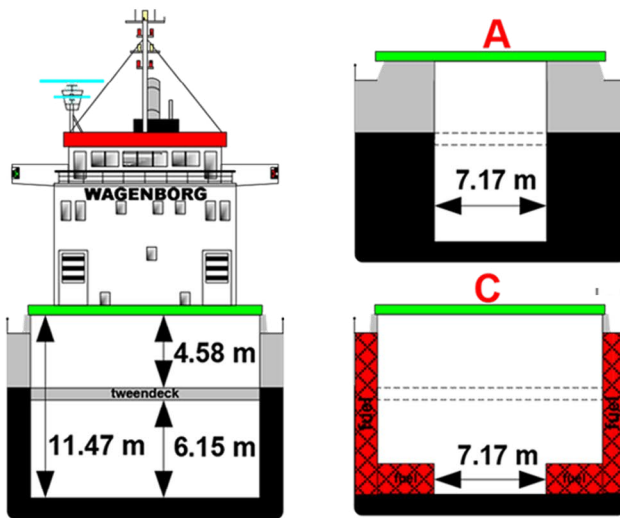
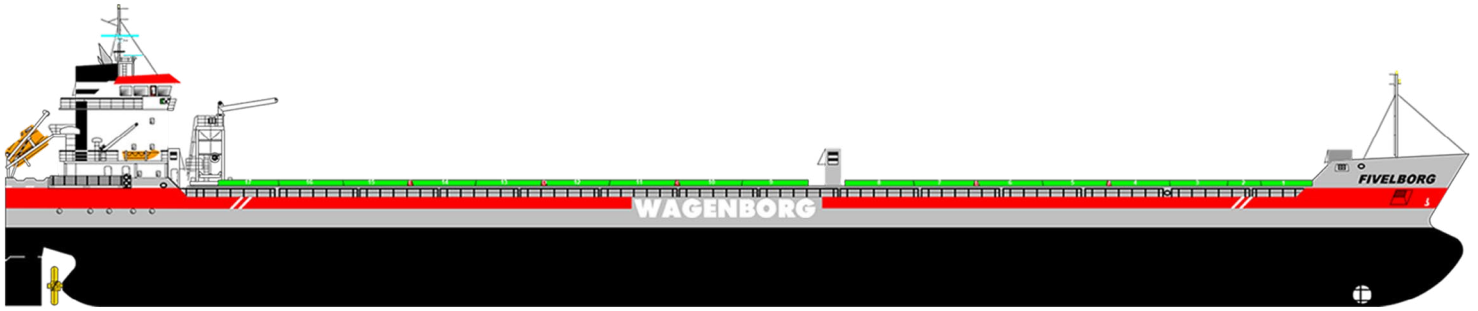
Gearless / geared	Gearless
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### FUEL OIL SPECIFICATION

HFO as per ISO 8217:2010 RMG 380  
MGO as per ISO 8217:2010 DMA  
Within: ECA area t/c operation to be responsible for sulphur limit compliance



Particulars believed to be correct, but not guaranteed.



Wagenborg Shipping is a member of Royal Wagenborg. Founded in 1898, the company continuously invests in various means of transport to serve the needs of a broad variety of customers by sea, shallow water and road offering a complete chain of transport.

Wagenborg companies are, amongst others, involved in shipping, stevedoring, forwarding, crane rental, heavy lifting, heavy transport, oil- and gas related services, towage and passenger services. Our integrated logistics solutions are flexible and reliable, provided by our dedicated crew of more than 3,000 employees.

Royal Wagenborg has identified quality, health, safety and the environment as key factors. Wagenborg Shipping manages its quality according to the ISO 9001, ISO 14001 and AEO. Our cargo vessels are ISM and ISPS-certified.

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