



Welcome to Royal Wagenborg

As experts in international transport by road and water, we offer custom made solutions for every transport need, expertly and with dedication. At Royal Wagenborg the word "impossible" does not exist. We believe that there is a solution for every transport requirement or logistical problem. We offer an integrated approach, including project support, equipment, experienced employees and a global network, reason why our clients have come to increasingly rely on our knowledge and expertise. At Royal Wagenborg safety and reliability are paramount. We are committed to providing you with the highest standard of quality.

14.603 DWT MULTIPURPOSE DRY CARGO CARRIER

These vessels are designed with two fully box high volume holds of 61.6m and 50.4m long and 14.34m breadth, cubic capacity of 355.300cbft and 260.388cbft and completely open hatch.

Vessels pontoon hatch covers provide excellent water tightness and are opened and closed by means of a traveling gantry crane, allowing opening the holds completely or partly as required by the various types of cargos.

Removable pontoon bulkheads are provided and can be used as a class approved separation for efficient loading of grains and other bulk cargos as well as a separation between different types of cargo. The removable pontoon bulkheads can also be used as tweendeck panels, allowing adequate floor space for project cargos, or forest products.

The strengthened tank top and suitability for grab handling in combination with vessels large ballast pump capacity allows for a fast turn around in port while loading (heavy) bulk cargos.

Both holds are fitted with mechanical ventilation as well as dehumidifiers, making it possible to carry a variety of forest and steel products under controlled humidity conditions.

Comprehensive hold bilge, firefighting systems, safety equipment and gas detection equipment are provided enabling a wide range of allowed dangerous cargo, both packed and in bulk

Solidly constructed to Ice Class 1A, these vessels are fully fitted to trade worldwide, including the Great Lakes, Panama Canal, Suez Canal and Australia.

Dedicated fuel day tanks and bunkers makes efficient change over between different grades of fuel oil possible.

A fuel efficient engine and the latest in automation and navigational equipment, and her excellent maneuvering abilities will guarantee environmental and economical benefits.

Wagenborg Shipping

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, road transport, forwarding, warehousing, 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 3500 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, AEO and IIP-standards. Our cargo vessels are ISM and ISPS-certified.

F-class sister vessels

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

* equipped with full tweendeck



GENERAL PARTICULARS

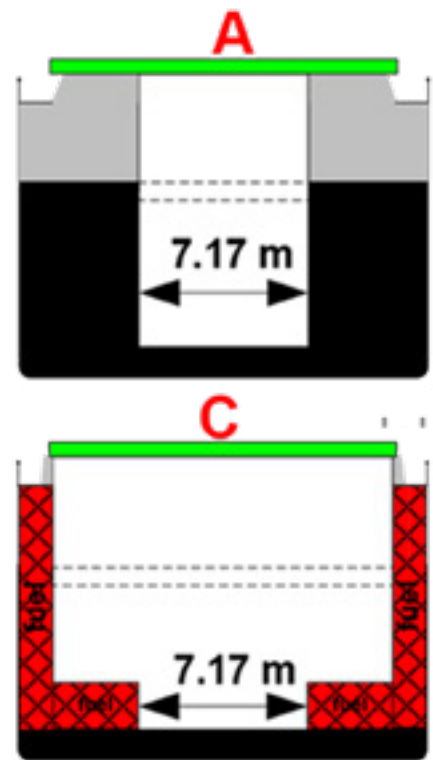
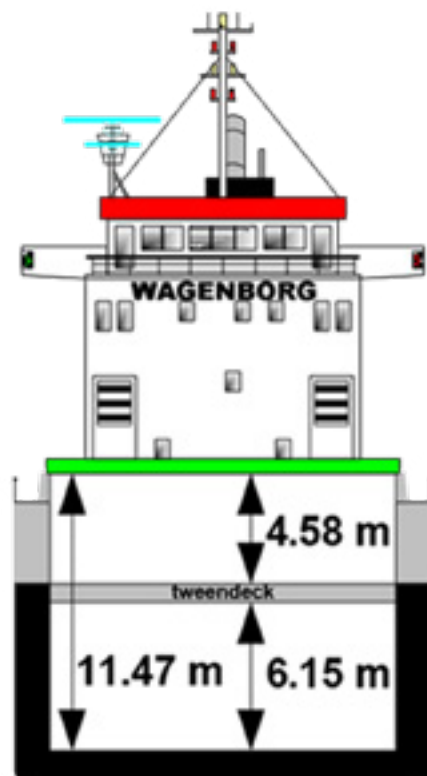
DWAT	14.603
DWCC Summer	13.500
DWCC Winter	13.100
GT/NT	8.911/4.419
LOA	154.60m
LBPP	148.14m
BOA	17.20m
Moulded depth	11.55m
Draft Summer/Winter	8.190/8.020
Height WL-HC in ballast	7.77m
Airdraft in ballast	29.00m
Built	2009-2012
Flag	Dutch
Homeport	Delfzijl
Iceclass	Finnish/Swedish 1A
Shipyards	Ferus Smit NL
General description:	HULL+MACH, AUT-UMS, SYS-NEQ 1, General cargo ship, container ship, Heavy cargo, unrestricted navigation, Ice class 1A, LASHING MON-SHAFT

ENGINE

Main engine	Wartsila 9L32C 4.500kW
Speed/consumption	13.00kn/18.00mts
Fuel	IFO RMG 380 ISO 8217:2005
Gear	Gearless
Bowthruster	640kW

HOLDS/HATCHES

Type of holds	Box
Capacity	606.781cbft including 2 moveable bulkheads
Capacity hold 1	255.982cbft incl. 1 moveable bulkhead
Capacity hold 2	350.799cbft incl. 1 moveable bulkhead
Capacity	570.193cbft incl. full tween deck
Capacity hold 1	249.638cbft incl. full tweendeck
Capacity hold 2	320.555cbft incl. full tweendeck
Tweendecks	355mts
Tweendeck strength	3.5mt/m ²
Tanktop strength	15.00mt/m ²
Weather deck strength	1.75mt/m ²
Strongbeam	No
Dimensions hold 1	50.40x14.34x11.47
Dimensions hatch 1	50.40x14.34
Dimensions hold 2	61.60x14.34x11.47
Dimensions hatch 2	61.60x14.34
Hatchcover type	Coops and Nieborg Pontoon Hatch cover system
Electrical ventilation	Holdventilation 12 air changes per hour. Both holds are fitted with dehumidifier system
Various	IMO, Co2, Suez, Panama, Great Lakes, and AWWF fitted
INSURANCE	
Classification	Bureau Veritas
P and I club	North of England P&I Association
H&M Insurer	Loyal Insurance Broker BV
Insurance value	Euro 24.000.000,-



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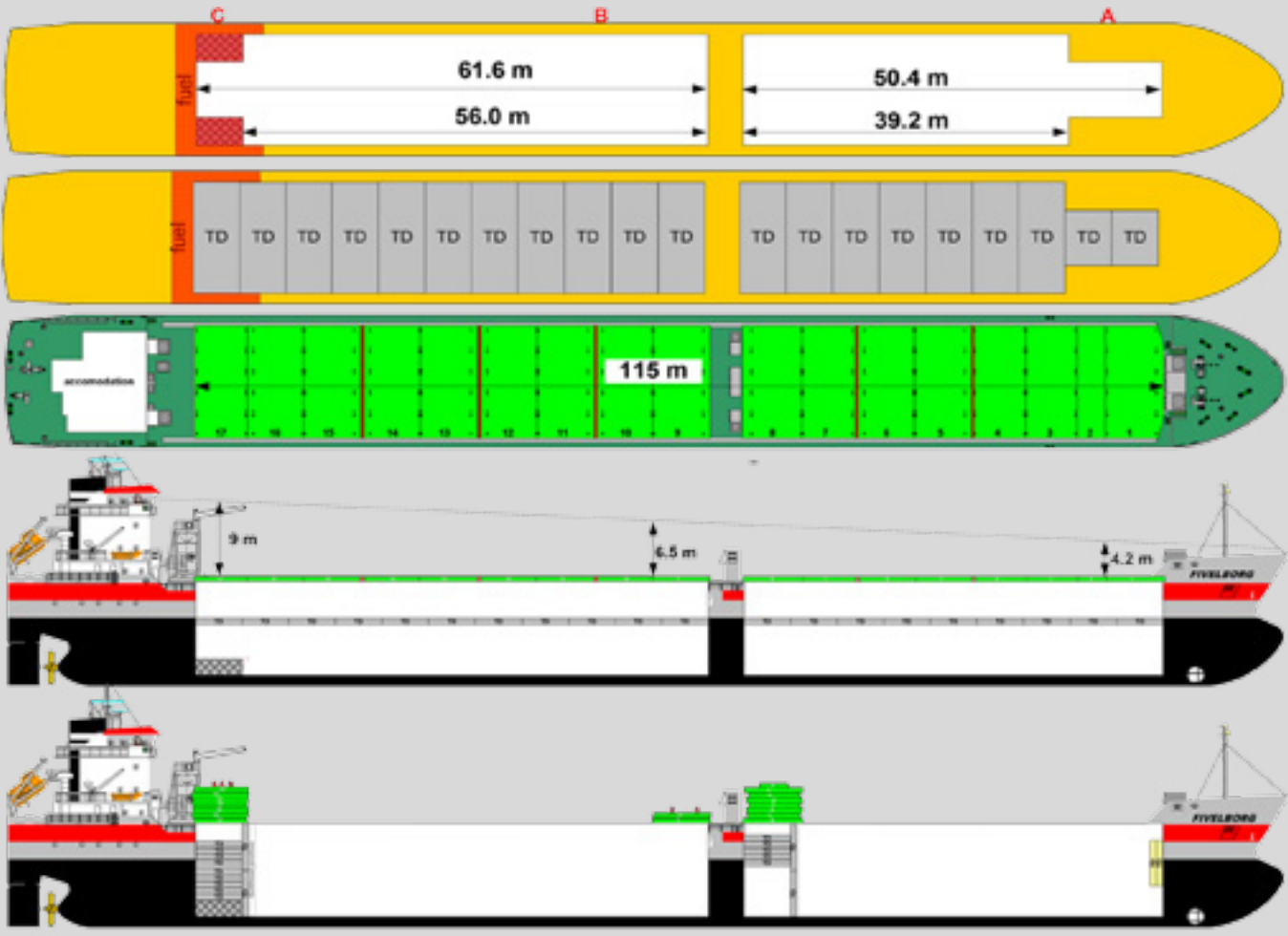
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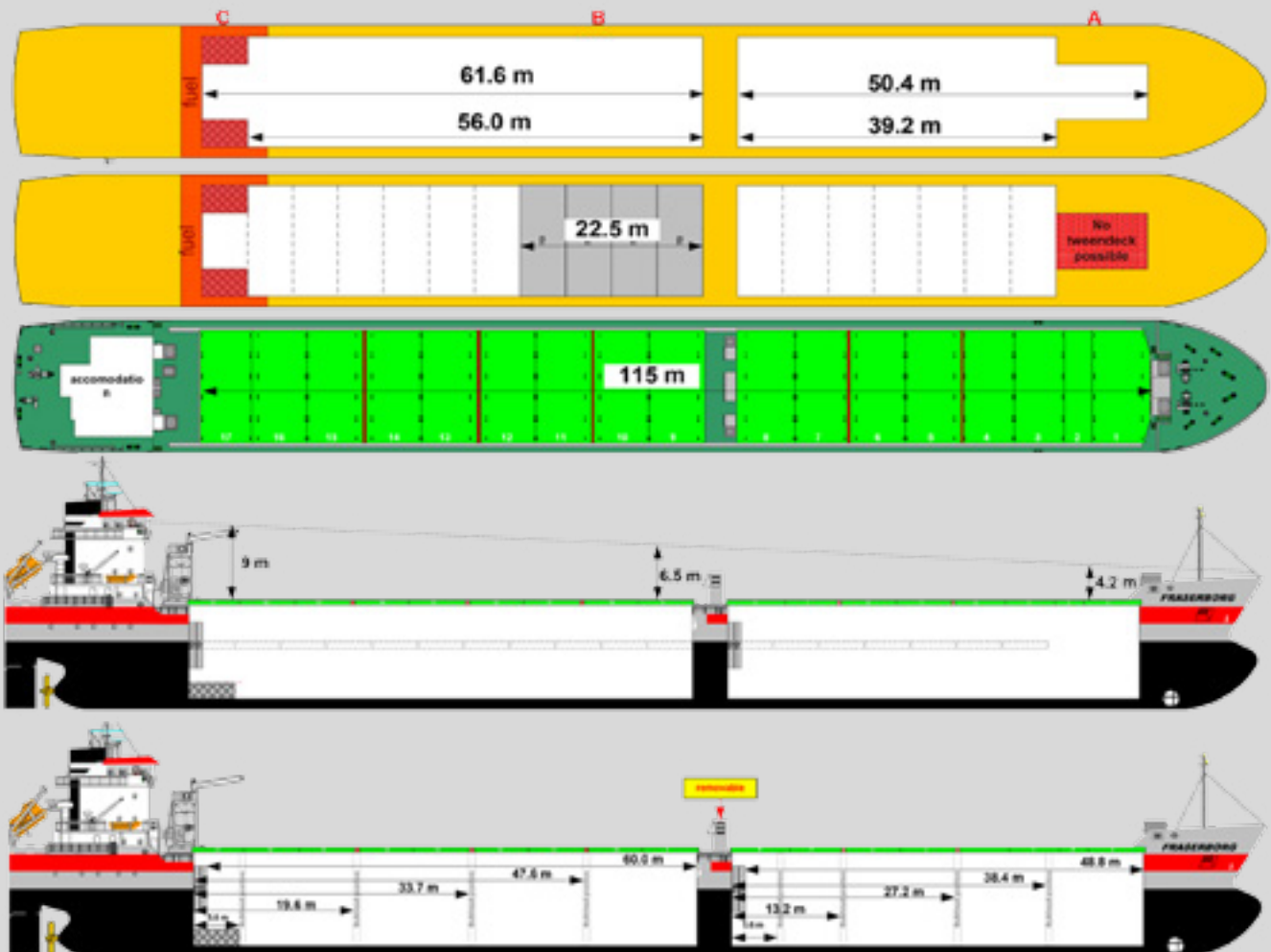
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Full tweendeck







Part tweendeck



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