



W2W ERRV Kasteelborg

TECHNICAL INFORMATION



W2W ERRV Kasteelborg

MAIN DIMENSIONS

Length over all approx.	83.4 m
Length between p.p.	76.5 m
Breadth moulded	18.0 m
Depth to main deck	8.0 m
Max. draught	6.69 m
Design draught	6.0 m

TANK CAPACITIES

Fuel oil (MDO)	1.461 m3
Fresh water	1.016 m3
Ballast water / Drill water	1.664 m3
Liquid mud (sp. gr. 2,8 t/m3)	1.293 m3
Brine (sp. gr. 2,5 t/m3) 1	293 m3
Cement (4 tanks)	254 m3
LFL* (4 tanks)	155 m3
Base oil	254 m3
ORO	1.015 m3

VESSEL CAPACITIES

Deck load	2.220 t
Cargo deck area	850 m2
Cargo deck aft of frame 35	10 t/m2
Cargo deck fwd of frame 35	5 t/m2
Gross tonnage, international	4.191 GRT
Net tonnage, international	1.259 NRT
Max speed (at T= 4,65 m)	15.8 knots
ERN	[99,99,99,89]

CLASSIFICATION / FLAG

1+ Hull + Mach, Offshore support vessel - supply LHNS, Heavycargo (area-load), Unrestricted navigation, + AUT-UMS, SDS, DYNAPOS AM/ AT R, SYSNEQ-OSV, CLEANSHIP SUPER, COMF VIB (3), COMF NOISE (3), Attestation on compliance with DNV-GL COMF C (3), ICE, ERRV Class B

Flag: Netherlands

ACCOMMODATION

2 state cabins with day-room and bedroom, 12 one-bed cabins, 2 three-bed cabins, 1 two-bed cabins w. common day room
Sick bay
Galley, dry provisions, cooler, and freezer room
Mess (19 seats), day room, smokers' day room
Deck pantry, wardrobe, laundry, gym
9 additional cabins (3 single, 6 double cabins)
Office/ Survivor Area, Hospital, Recovery Area, Conference room

LIFESAVING AND RESCUE EQUIPMENT

Four off life rafts each of 25 persons, two on each side
Fast Rescue Craft
Single point davit of movable type
Daughter craft
Rescue Basket
Dacon scoop
ERRV facilities

DECK EQUIPMENT

Deck crane: Knuckel boom shipboard crane 3 t at 18 m, telescopic boom 0,5 t at 21,5 m. Dyn. factor 1.3
Ampelmann motion compensated gangway system
Motion compensated offshore deck crane
Lifting capacity: 20t at 10m / 2t at 32.5m, 15t at 9m/ 1.5t at 32.5m
Covered working area and workshops + warehouse on main deck

MACHINERY / PROP. SYSTEM

Diesel electric power and propulsion plant 690V - 60Hz:
Two main generator engines, each of MCR 2350 kW at 1800 rpm
Two main generator engines, each of MCR 994 kW at 1800 rpm
Electric propulsion motors, frequency converter controlled, each 0-2200 kW, 0-1200 rpm
Two main azimuth pulling propellers, controllable pitch, each 2200 kW, dia. 2800 mm, speed 0-210 rpm
Emergency generator, 200 kW - 250 kVA, 1800 rpm

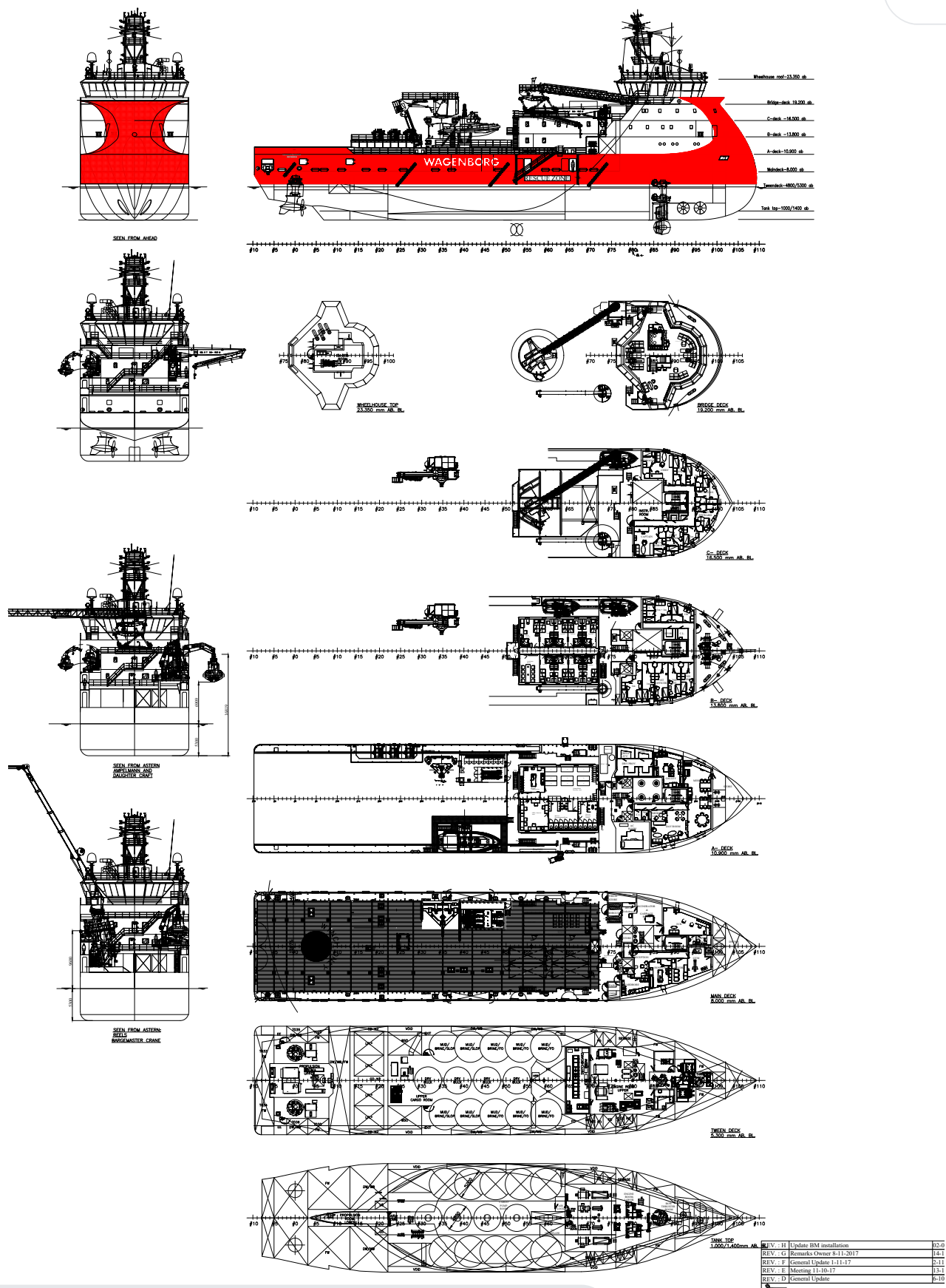


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