



NSK 6255 CLSV

Hybrid
power system



Methanol
dual fuelled gensets



Emission
reduction by 70%



Type: CLSV
Design: NSK Ship Design
Tel. +47 7700 1800
www.nskshipdesign.com

Energy
optimisation



Batteries
Dual Energy Storage



DP
Less spinning reserves





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Pulling
propellers

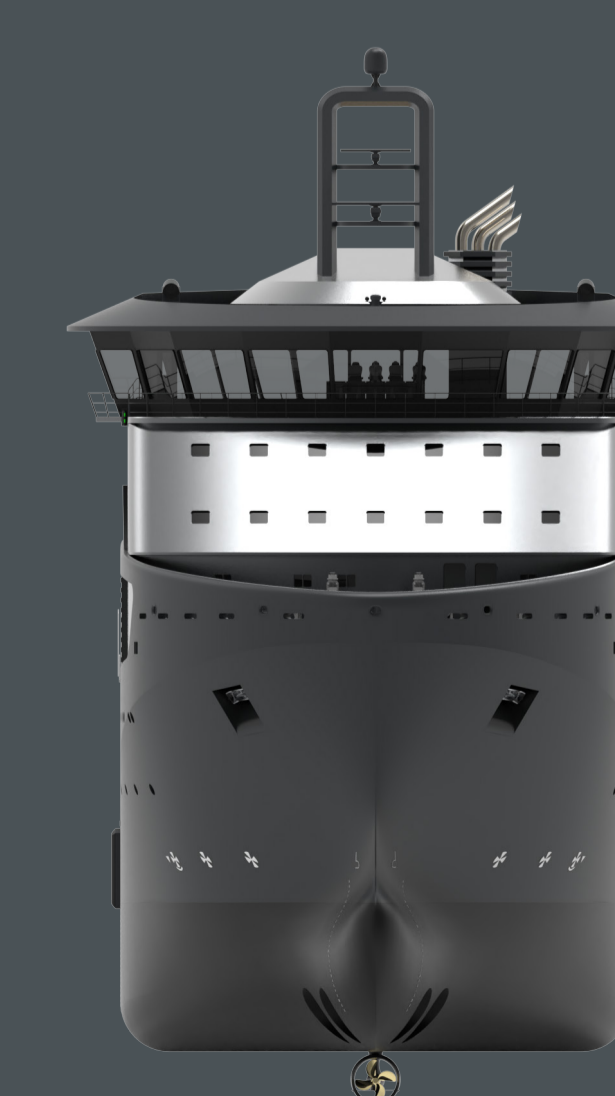
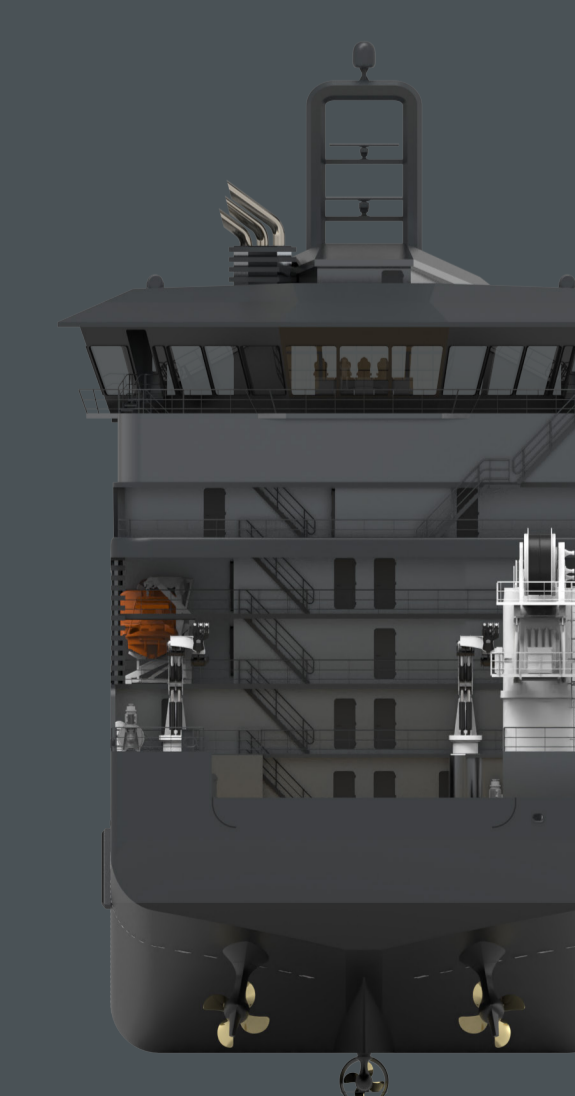
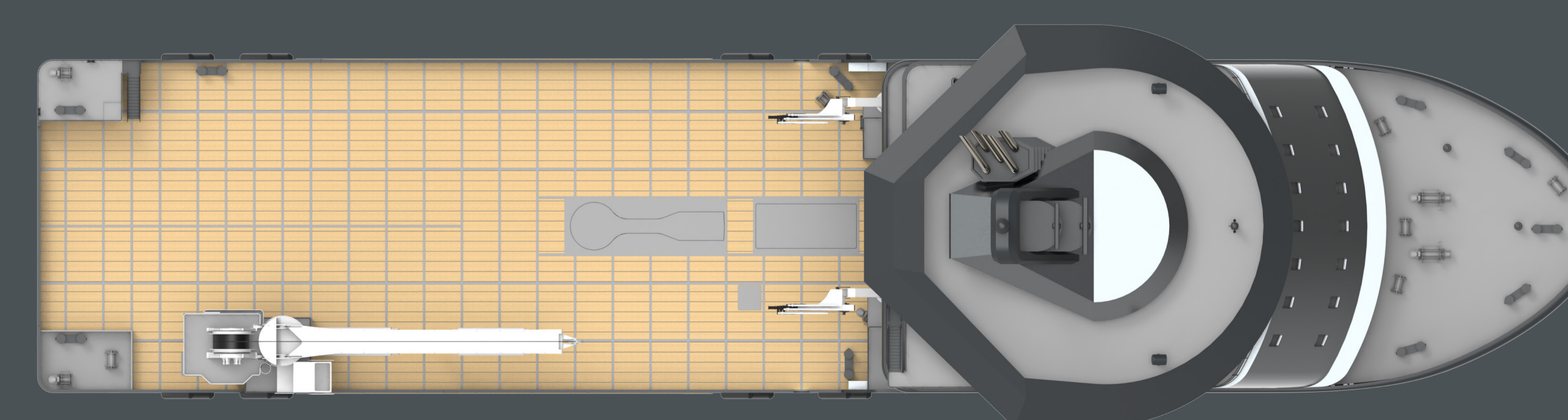
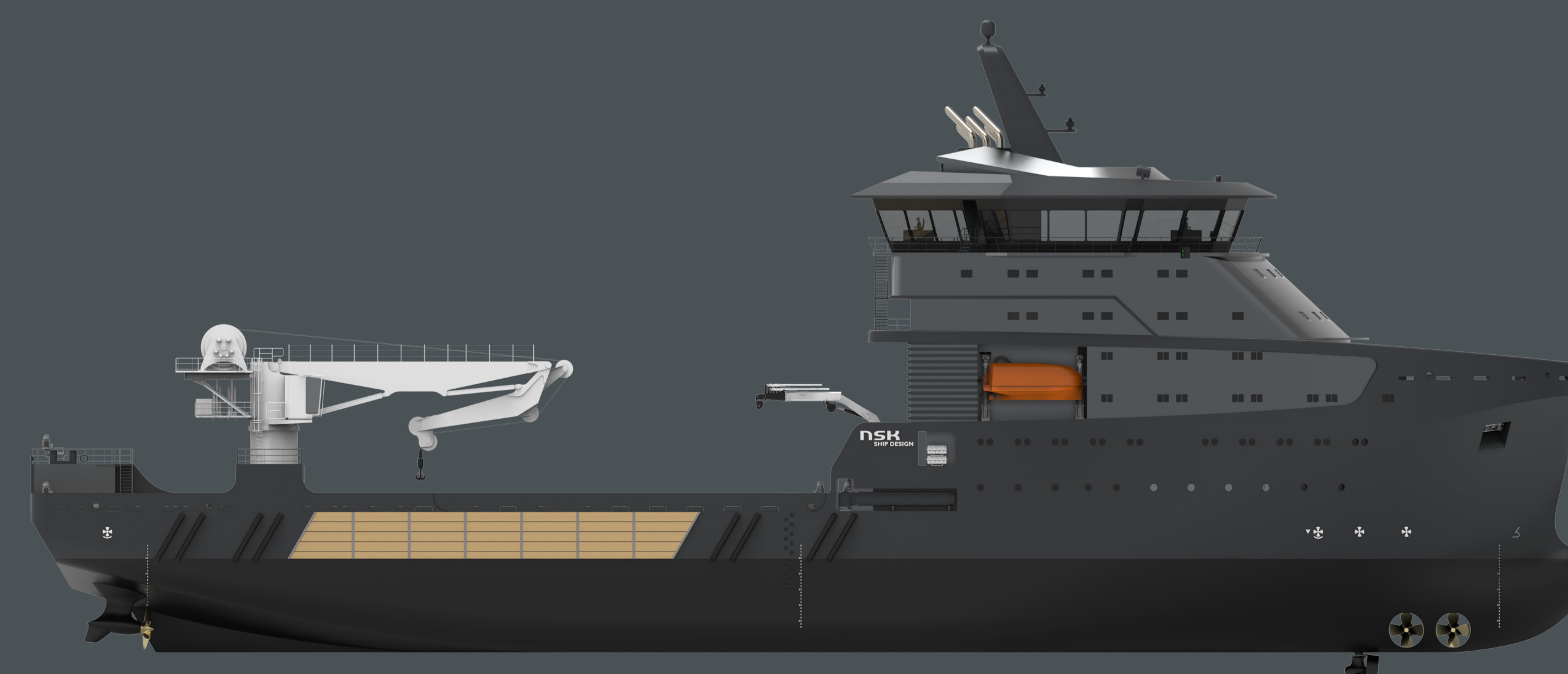
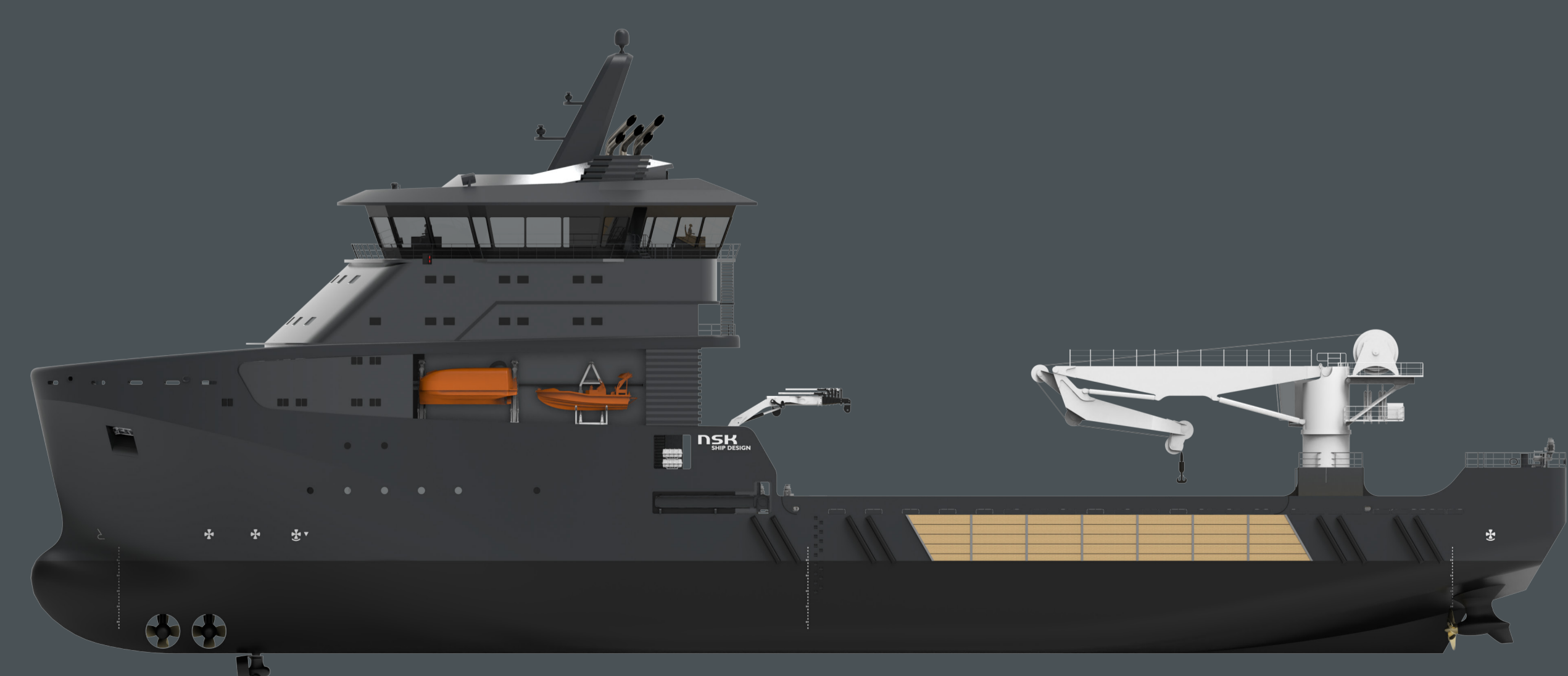
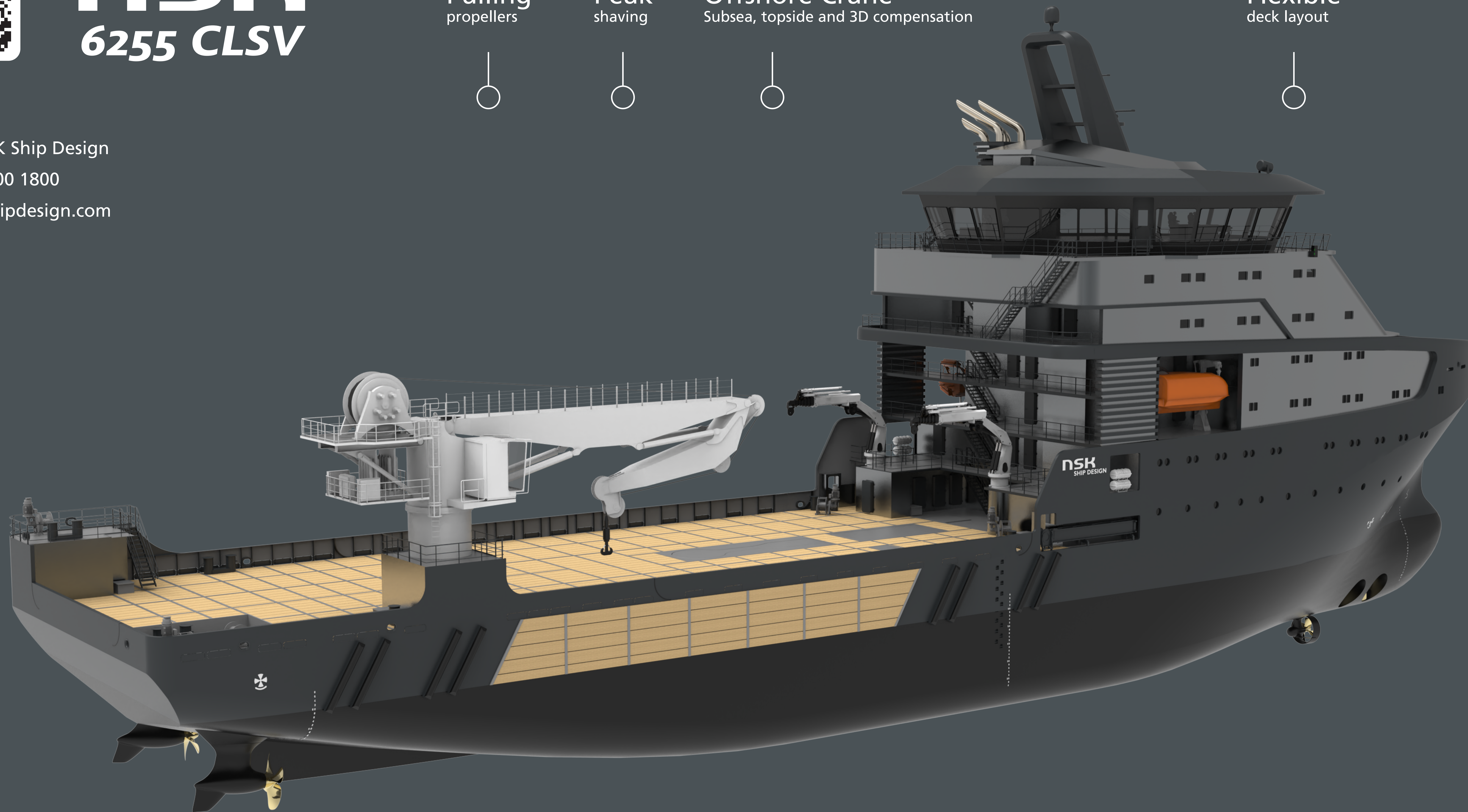
Peak
shaving

Offshore Crane
Subsea, topside and 3D compensation

Flexible
deck layout



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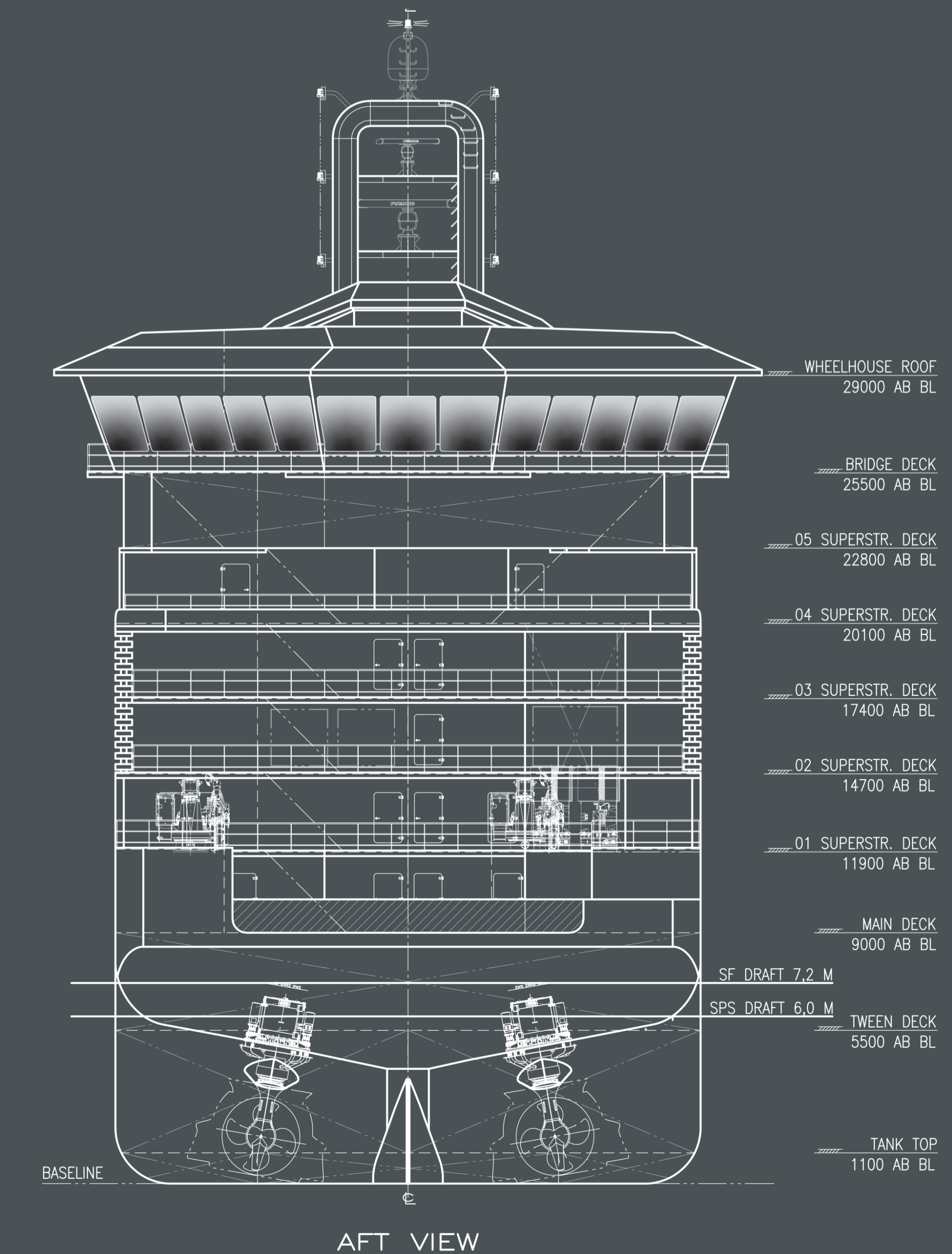
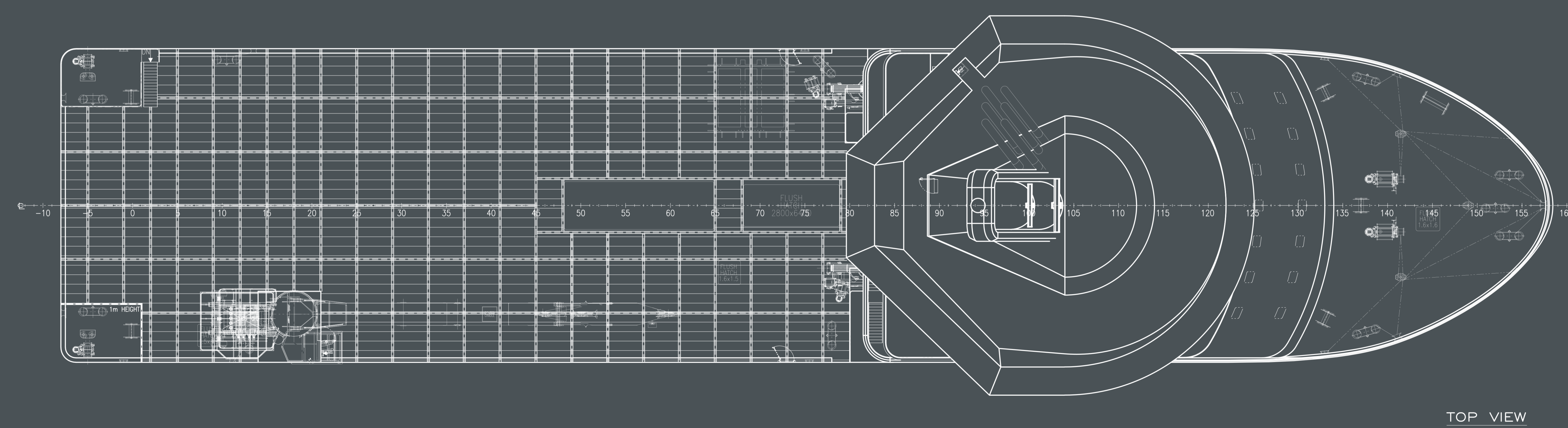
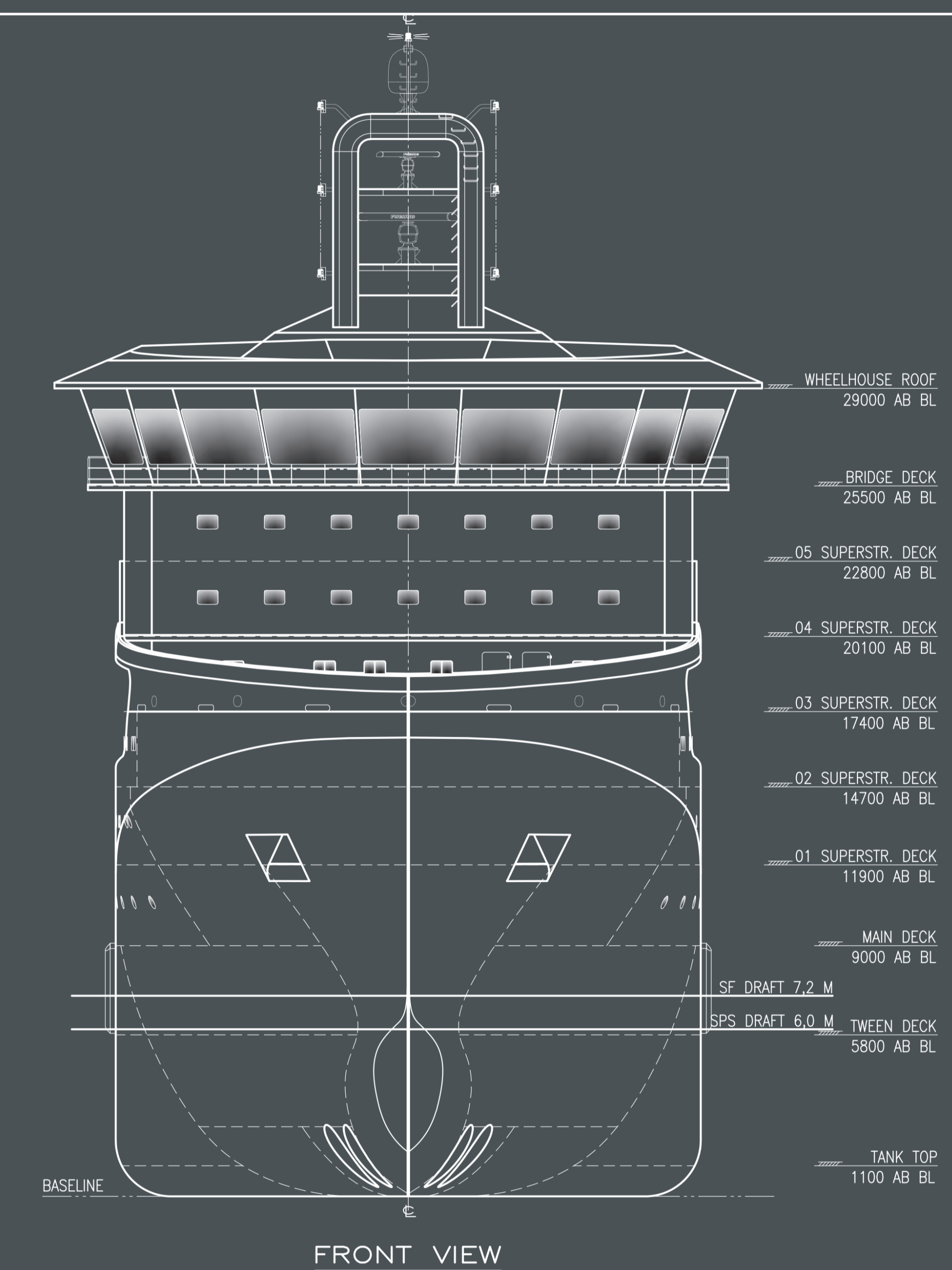
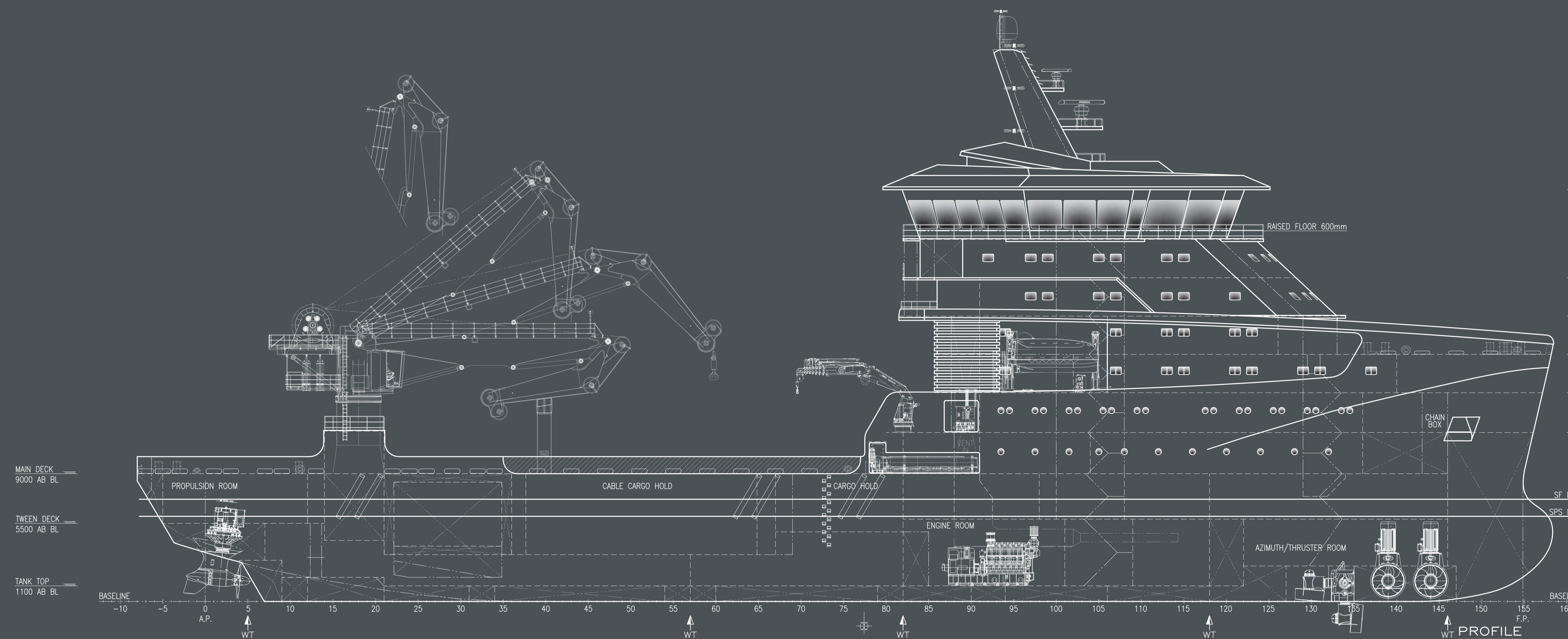




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MAIN DIMENSIONS

Length overall	99.90 m
Length between p.p.	89.25 m
Breadth moulded	21.00 m
Depth main deck	9.0 m
Design draft, SPS	6.00 m
Max draft, SF approx	7.50 m
Min draft (Lightship)	4.00 m

CLASSIFICATION

DNV Class + 1A – Cable Lay Support Vessel – SF – E0 –
 Strengthened (dk) – CLEAN DESIGN – NAUTOSV(A) –
 COMF V(3)C(3) – DYNPOS AUTR – SPS – BATTERY POWER –
 LFL FUELLED – ER(SCR, Tier III) – LCS - BIS NIS flag

CAPACITIES

Cable cargo hold capacity	2800 T
Cable cargo hold net/gross vol.	800/1140 m ³
Fuel oil	1200 m ³
Methanol	700 m ³
Freshwater	400 m ³
UREA	105 m ³
Deck capacity	10 T/m ²
Deck load 1 m ab. deck (SPS) stab) app.	~2500 T
Deck load 1 m ab. deck (SF) stab) app.	~3300 T
Deadweight 6.0 m draft	~4000 T
Deadweight max draft	~6000 T

MACHINERY

Methanol genset	2x1500 kWe
Diesel genset	2x1500 kWe
TIER III	
Emergency genset	300 kW
Incinerator	
Battery, redundant connection	1x1372 kW with discharge rate 2C

PROPULSION SYSTEM

Main propulsion system
 2x Pulling azimuth thrusters
 2200 kW each
 FP, Frequency controlled speed
 Thrusters
 2x1100 kW Tunnel thrusters
 1x1000 kW swing-up/retractable azimuth

ACCOMMODATION

100 persons accommodation SPS
 56 Single cabins + 22 twin cabins
 Large and modern galley, mess, day room and conference room
 Gym/sauna and wardrobes

CARGO PREPARATIONS

Cable tank below main deck
 AHC Crane, 70 T (12-30 m reach), Subsea, 2000 m wire
 Topside and 3D compensation
 Cargo hold for 20' containers below deck
 Deck layout with fixing points for quick mobilisation of
 project equipment
 Direct access to power supply for project equipment
 Cranes: 2 x deck cranes
 Large deadweight capacity when operating as offshore vessel
 SF stability

PREPARED FOR

W2W with integrated landing platforms
 WROV
 Boatlanding