



NSK 6480 IMR

Hybrid
power system



Methanol
dual fuelled gensets



Emission
reduction by 70%



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

Energy
optimisation



Batteries
Dual Energy Storage



DP
Less spinning reserves





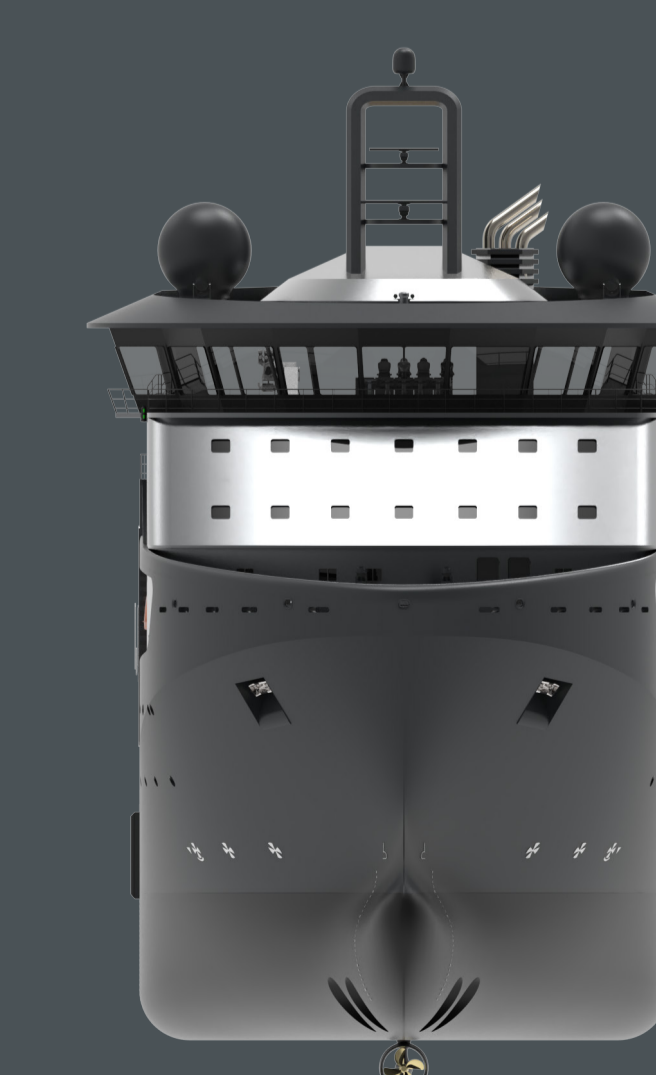
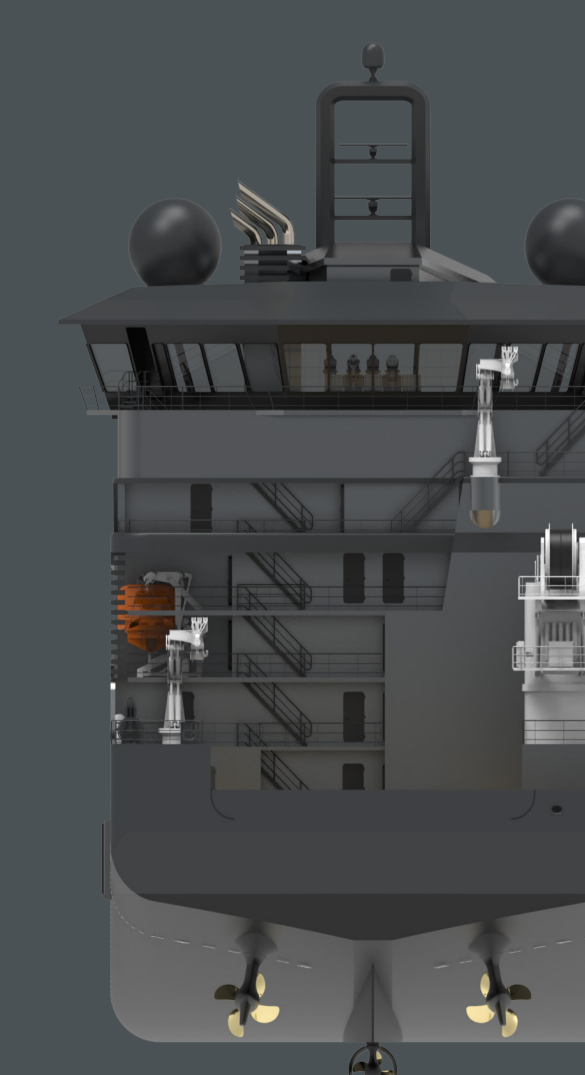
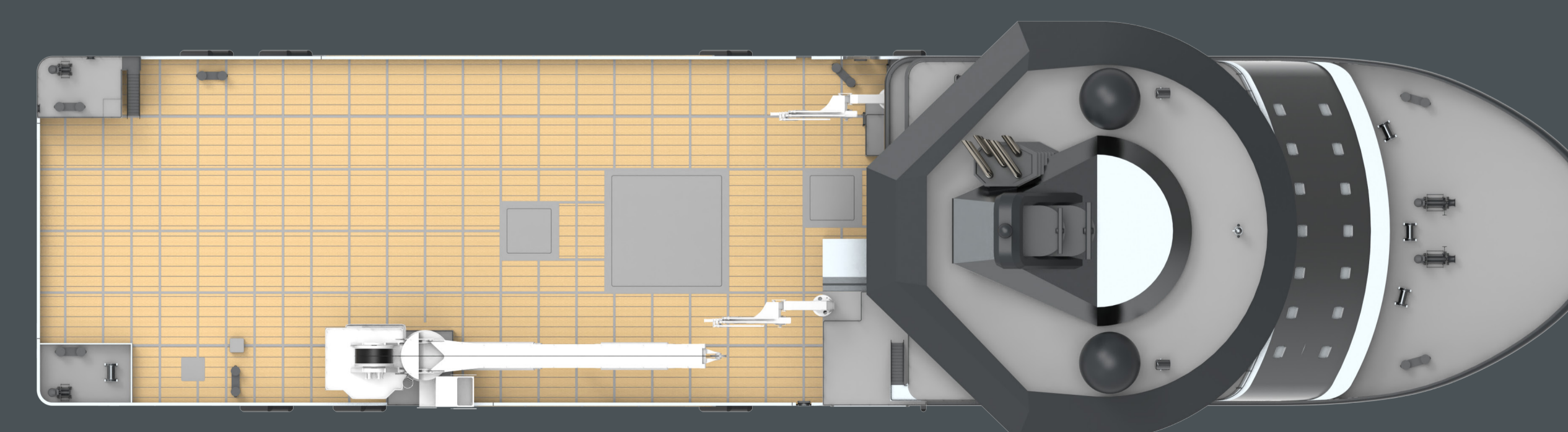
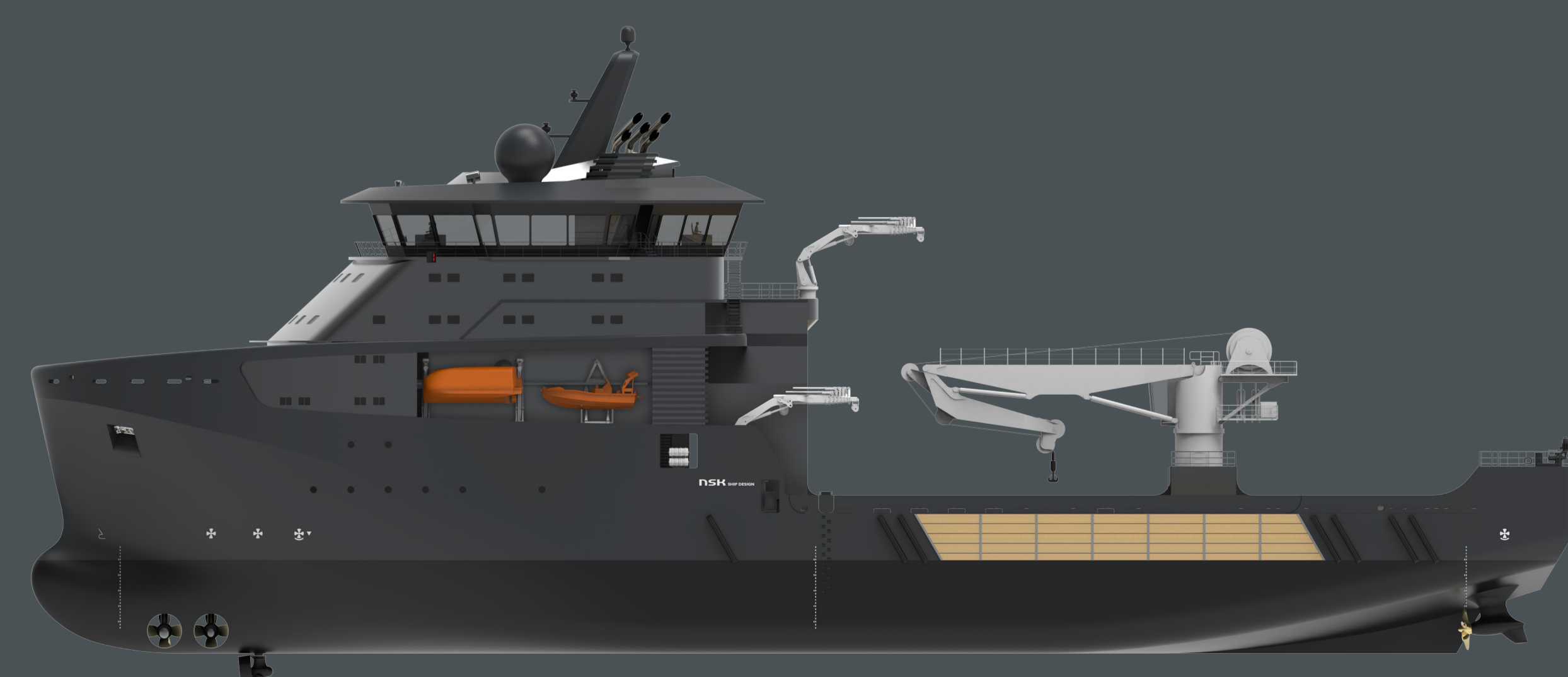
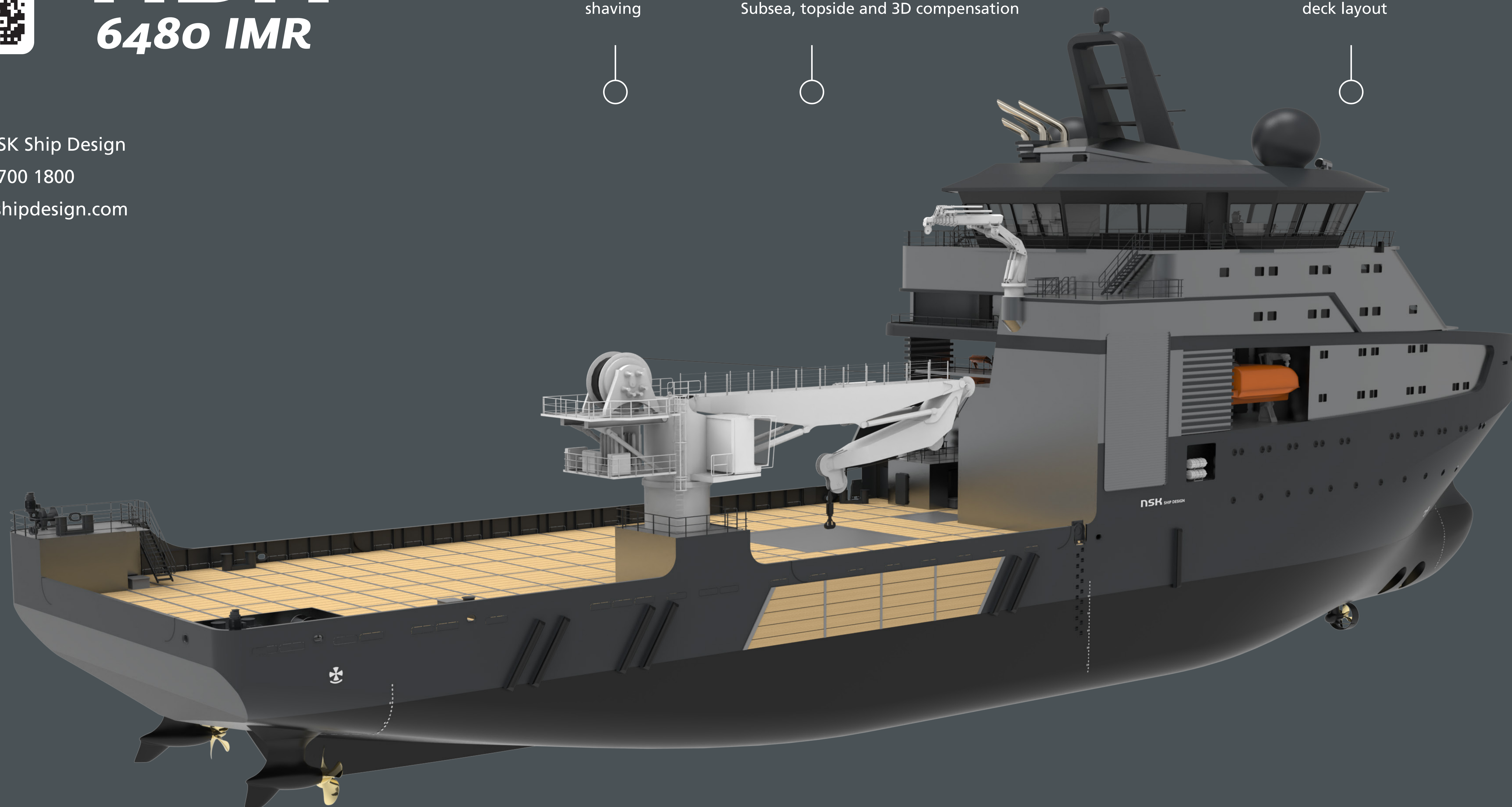
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Peak shaving

Offshore Crane
Subsea, topside and 3D compensation

Flexible deck layout

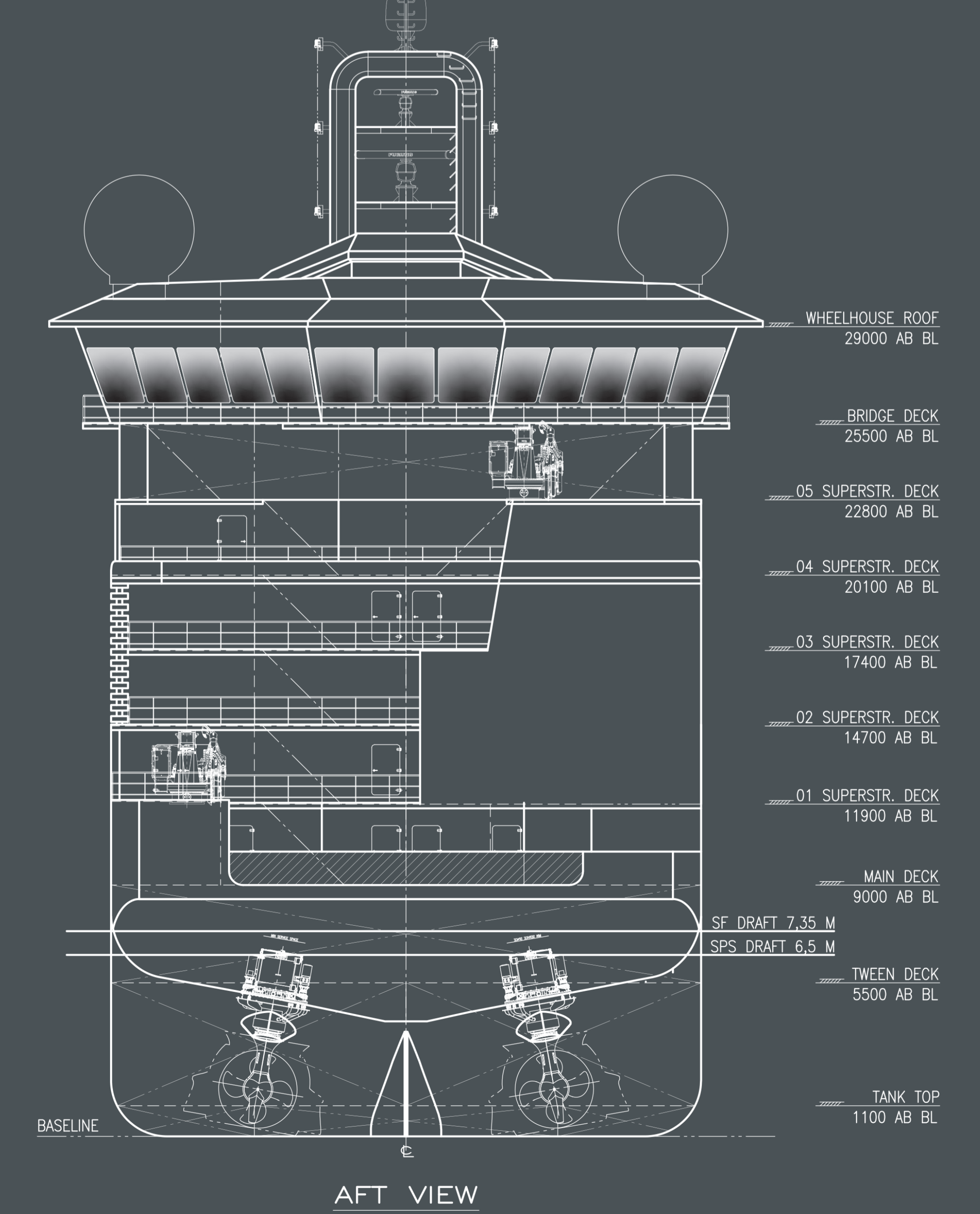
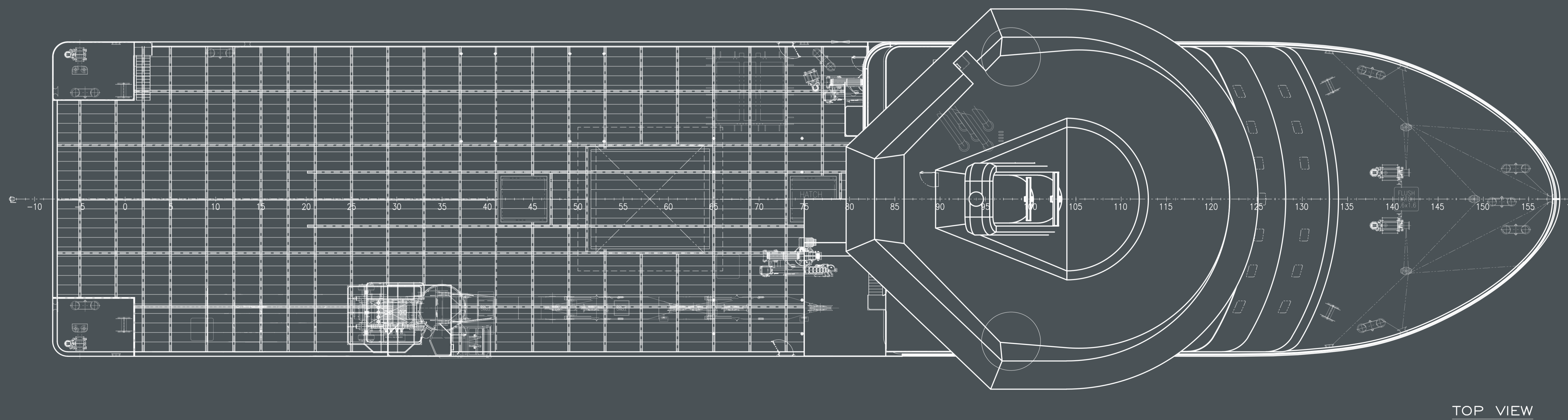
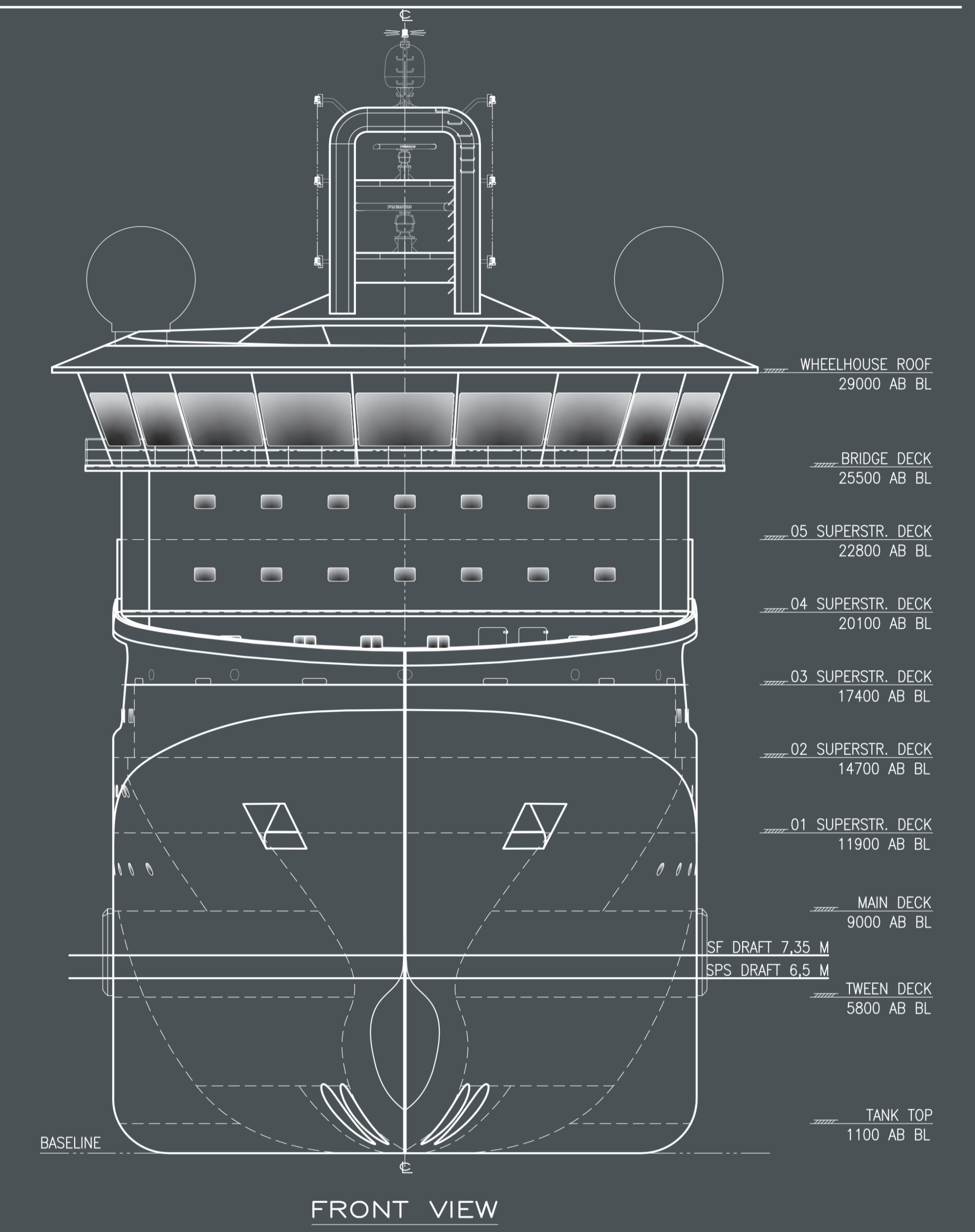
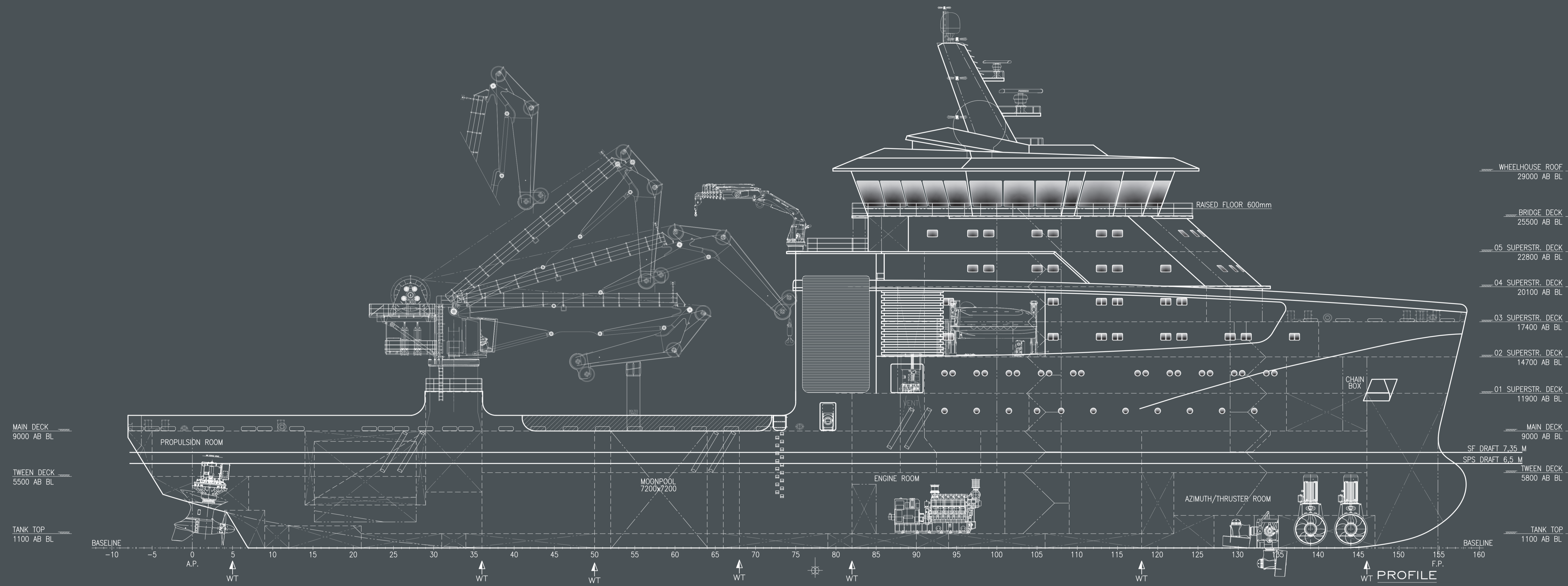
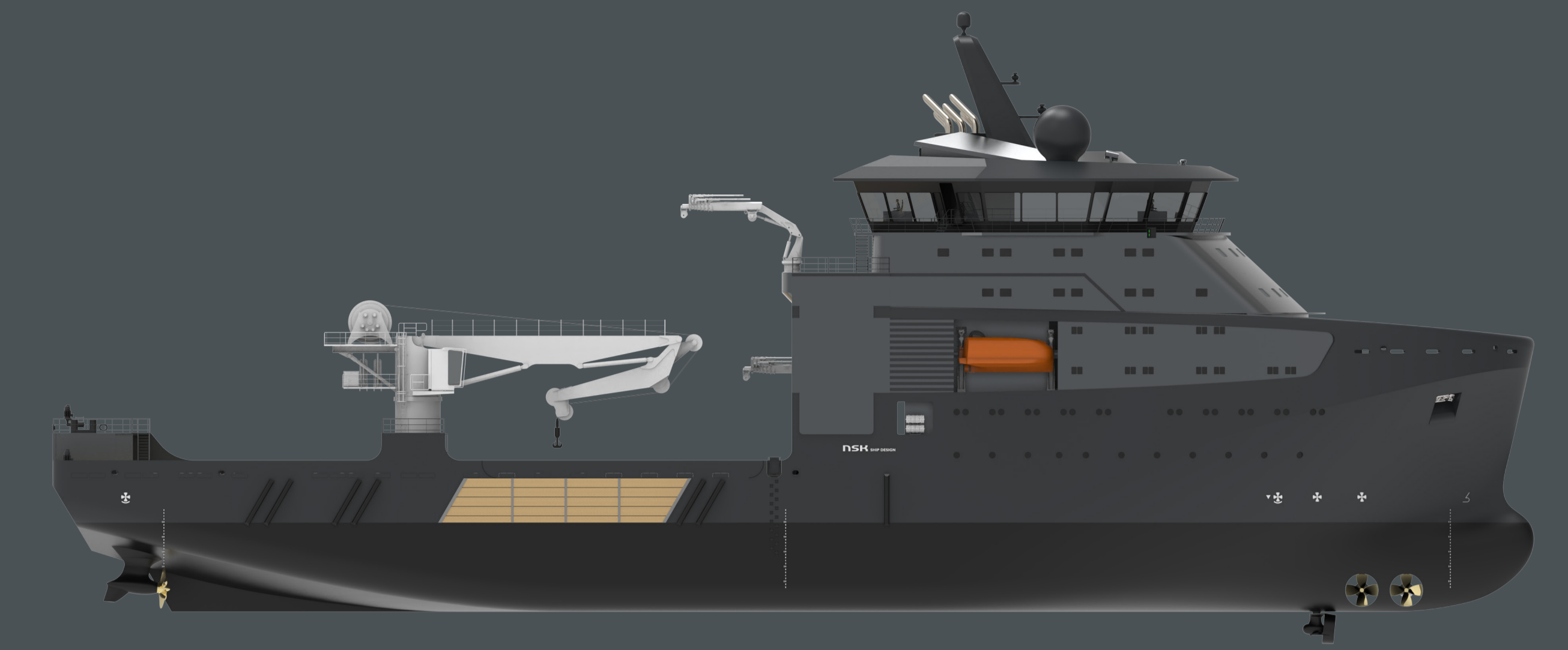
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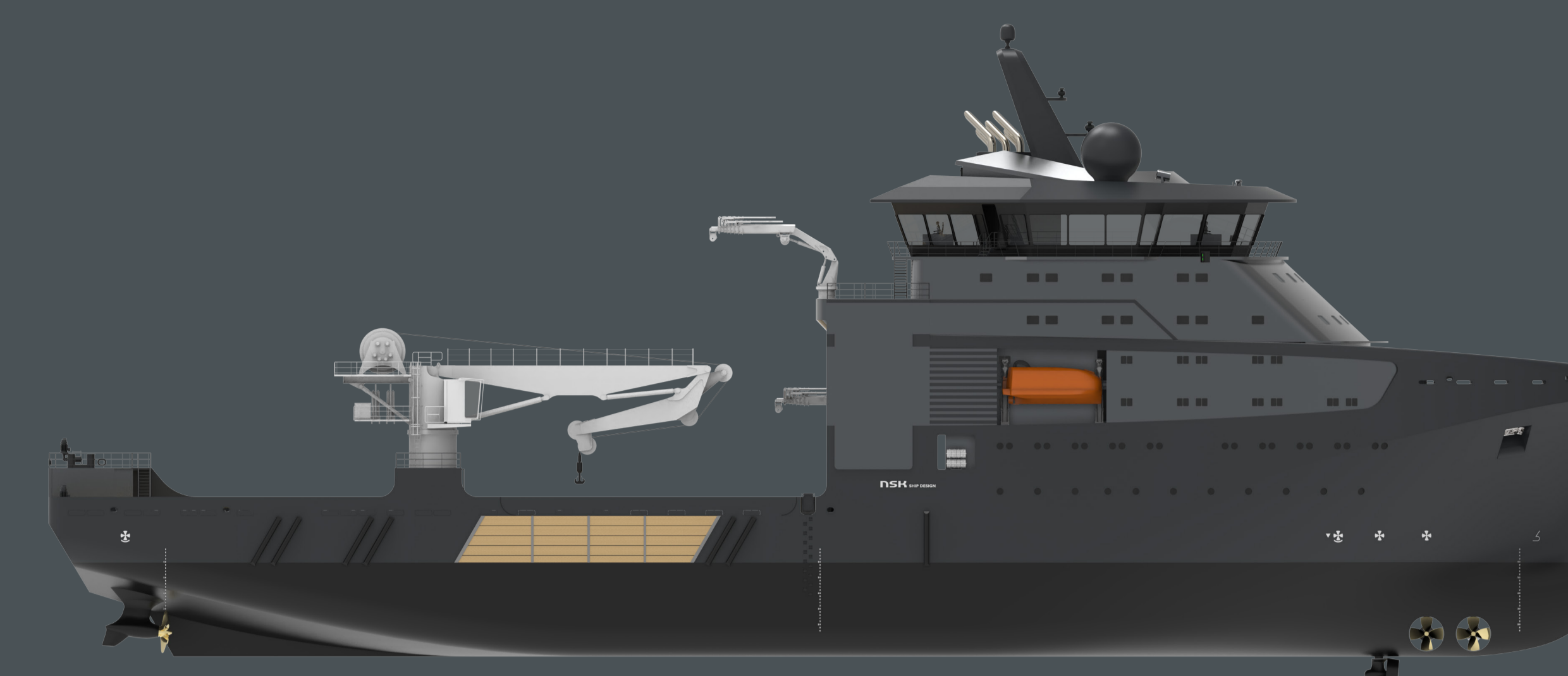
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MAIN DIMENSIONS

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	6.50 m
Max draft, SF approx	7.35 m
Min draft (Lightship)	4.00 m

CLASSIFICATION

DNV Class + 1A – IMR – 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

CAPACITIES

Fuel oil	1200 m ³
Methanol	700 m ³
Freshwater	400 m ³
UREA	105 m ³
Deck capacity	10 T/m ²
Deck area	1000 m ²
Deck load 1 m ab. deck (SPS) stab) app.	~2500 T
Deck load 1 m ab. deck (SF) stab) app.	~3500 T
Deadweight 6.5 m draft	~4000 T
Deadweight max draft	~6000 T

MACHINERY

Methanol genset	2x1500 kW
Diesel genset	2x2500 kW
Add. power for deck equipment	~ 4000 kW
TIER III	
Emergency genset	300 kW
Incinerator	
Battery, redundant connection	1x1372 kW

PROPULSION SYSTEM

Main propulsion system
 2 x Azimuth thrusters
 2500 kW each
 FP, Frequency controlled speed
 Thrusters
 2x1500 kW Tunnel thrusters
 1x2000 kW swing-up/retractable azimuth

ACCOMMODATION

80 persons accommodation SPS
 40 Single cabins + 20 twin cabins
 Large and modern galley, mess, day room and conference room
 Gym/sauna and wardrobes

CARGO PREPARATIONS

AHC Crane, 100-150 T (12-30 m reach), Subsea, 2000 m wire
 Topside and 3D compensation
 Deck layout with fixing points for quick mobilisation of
 project equipment
 Direct access to power supply for project equipment
 2 x deck cranes
 Large deadweight capacity when operating as offshore vessel
 SF stability
 Hangar for ROV
 Monpool – Optional