

Hybrid
power system

Methanol
dual fuel gensets

Emission
Reduction by 70%



CECON VIGOR

CABLE LAY & LIGHT CONSTRUCTION VESSEL

Energy
optimisation

Batteries
dual energy storage

DP
Less spinning reserves

Pulling
propellers



Peak
sheaving



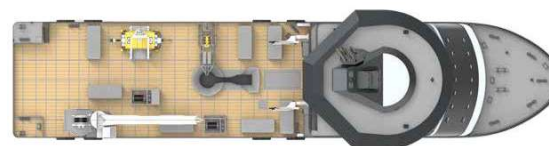
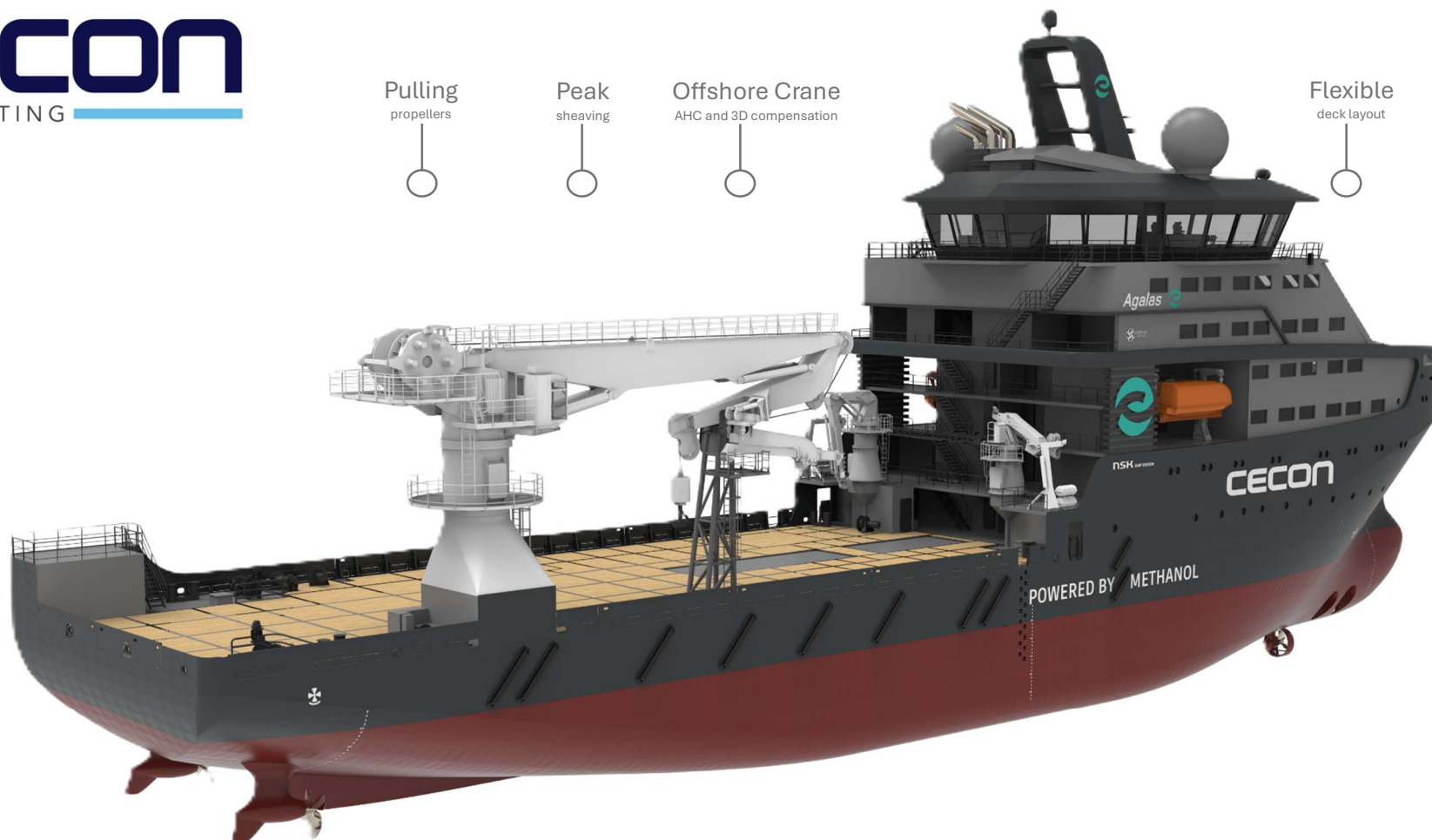
Offshore Crane
AHC and 3D compensation

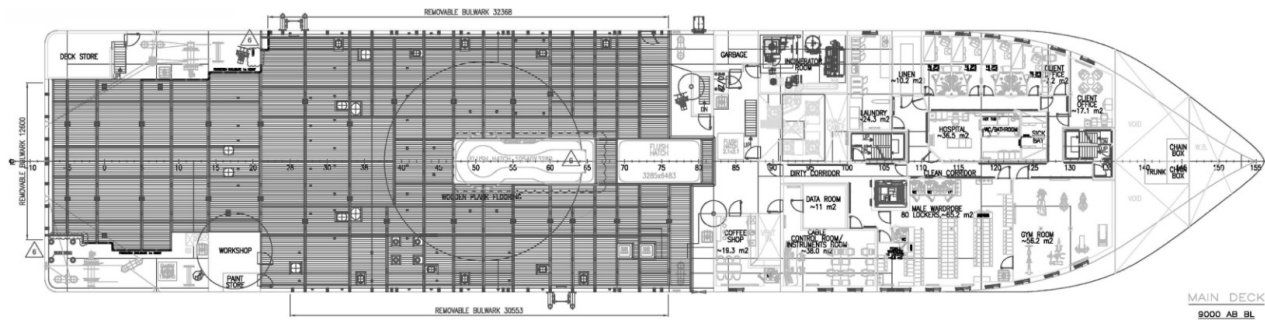
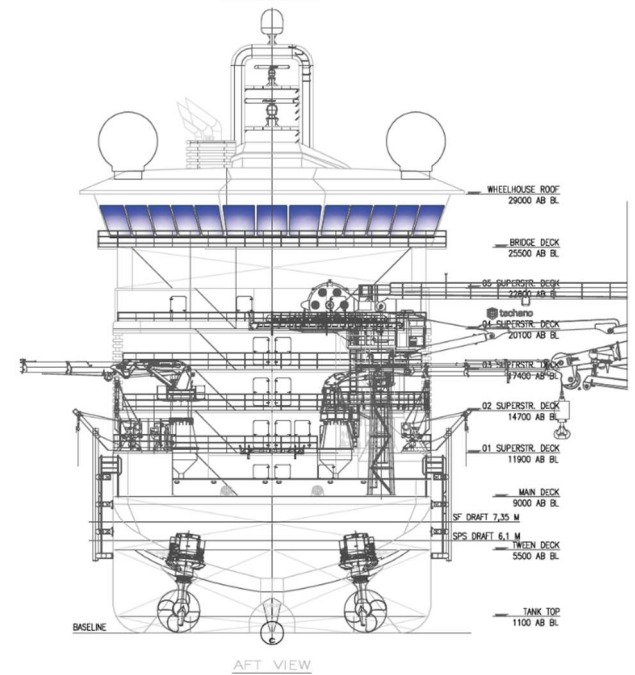


Flexible
deck layout



Cable storage
Integrated cable tank below deck







MAIN DIMENSIONS

Length overall	99.90 m
Length between p.p.	92.90 m
Breadth moulded	21.00 m
Depth main deck	9.00 m
Design draft, SPS	6.10 m
Max draft, SF approx	7.35 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 CB / SPS - BIS
 Battery Power - LFL FUELLED / ER(SCR, Tier III)
 LCS - BIS- BMW(T)
 DPCAP L1(8,6,7,5)
 NIS flag

CAPACITIES

Cable cargo hold capacity	2650 T
Fuel oil	1300 m ³
Methanol	700 m ³
Freshwater	400 m ³
UREA	80 m ³
Deck capacity	10 T/m ²
Deck load (COG 1 m above deck)	2365 T
Deadweight 6.1 m draft, approx.	4000 T
Deadweight max draft, approx.	6000 T

MACHINERY

Genset, TIER III	4x1500 kW
Emergency genset incinerator	300 kW
Battery, redundant connection	1367 kW
	with discharge rate
	2C

PROPULSION SYSTEM

MAIN PROPULSION SYSTEM:

2 x Pulling azimuth thrusters 2200 kW each
 FP, Frequency controlled speed

MANOEUVRING THRUSTERS:

2x1100 kW Tunnel thrusters
 1x1000 kW swing-up/retractable azimuth

ACCOMMODATION

100 persons accommodation SPS, 66 Single/22 Double.
 Large and modern galley and mess.
 Project offices, day room and conference room.
 Gym/sauna and wardrobes.

CARGO PREPARATIONS

Cable tank below main deck.
 AHC Crane, 70T (12–30 m reach), Subsea, Topside and 3D Compensation.
 2x Guerra Service Cranes (~12T@6m to ~3T@23m).
 Cargo area for 2x 20' containers below deck.
 Deck layout with fixing points for quick mobilisation of cable laying spread.
 IKM Merlin 150hp WROV with LARS and 3300m umbilical.
 230/440/690V 3 phase power available on deck.
 Large deadweight capacity when operating as offshore vessel SF stability.

OPTIONS

Reel drive system or deck carousel for Power Cable, Umbilical and Flexible Flowline installation, recovery and repair.
 2x Boat landing positions.
 AHC gangway with direct access from superstructure.