



BOA



- Submersible to 22.5 m above deck
- Heavy cargo up to 57.500 t
- Voluminous cargo up to 11.750 m²
- Extreme deck strength of 35 t/m²
- ICE-C class
- Hybrid power system

BOABARGE 39

Semi Submersible Heavy Lift and
Launching Cargo Barge



BOABARGE 39

General Information

Vessel's Name	BOABARGE 39
Flag	Norwegian, NOR
Call Sign	LH6543
Class Society	DnV
Class Notations	+1A, Barge DAT (-10°C) ICE C Strengthened(DK) ER (SCR)
Year built	2026
Builder	Dalian Shipbuilding Offshore Co. Ltd
Place built	PRC
Owner	Boa Barges AS
Manager	Boa Management AS

Dimensions

Length, Overall	166 m
Breadth, Moulded	73.38 m
Depth, Moulded	9.15 m
Draught load line	6.43 m
Design draught (submerged)	31.65 m for, 31.65 m aft
Air Draught (from keel to top of mast)	39 m
Web Frame Spacing	2 m
Long. Stiffener Spacing	0.61 m
Gross Tonnage	33.585 t
Net Tonnage	10.075 t

Cargo Capacities

Deadweight (T = 6.53 m)	57.500 t
Deck space	11.750 m ²
Deck strength	35 t/m ²
Launching Capacity	up to 10.000 t jacket

Submerging Depth

Submerging	22.5 m above deck
Floating towers (4 off) for free floating submerging operations (Removable)	LxBxH: 10 m x 5.49 m x 25 m

Tank Capacities

Ballast tanks	99.274 m ³
Bilge tanks	33 m ³
Sewage	2 x 21 m ³
Fresh water	2 x 22 m ³
Fuel (MDO)	46 m ³
Lub. Oil Store	0.6 m ³
Hydr. Oil Store	1.2 m ³
Misc. Oil Store	0.6 m ³

Ballast System

Main Ballast Pumps (Elecric Driven)	4 x 5250 m ³ /hr
Aft Ballast Pumps (Electric Driven)	2 x 750 m ³ /hr
Service Pump (Electric Driven)	1 x 400 m ³ /hr
Ballast Tanks	28 in pontoon, 2 in deckhouse
Remote operated pumps, valves and sounding system from control-and engine room.	
Ejector stripping system for all ballast tanks	
Ballast Water Treatment System	Electrocatalisys 1200 m ³ /hr

Power Supply

Main Generators	3 x 590 kVA, 440 V, 60 Hz 1 x 129 KvA, 440 V, 60 Hz
Work Generator	1 x 60 kVA, 440 V, 60 Hz
Shore Power Connections	230 V and 400-440 V
Deck Distribution for clients equipment	230 V and 440 V, 60Hz
Ligths powered by solar panels	

Anchor & Mooring Equipment

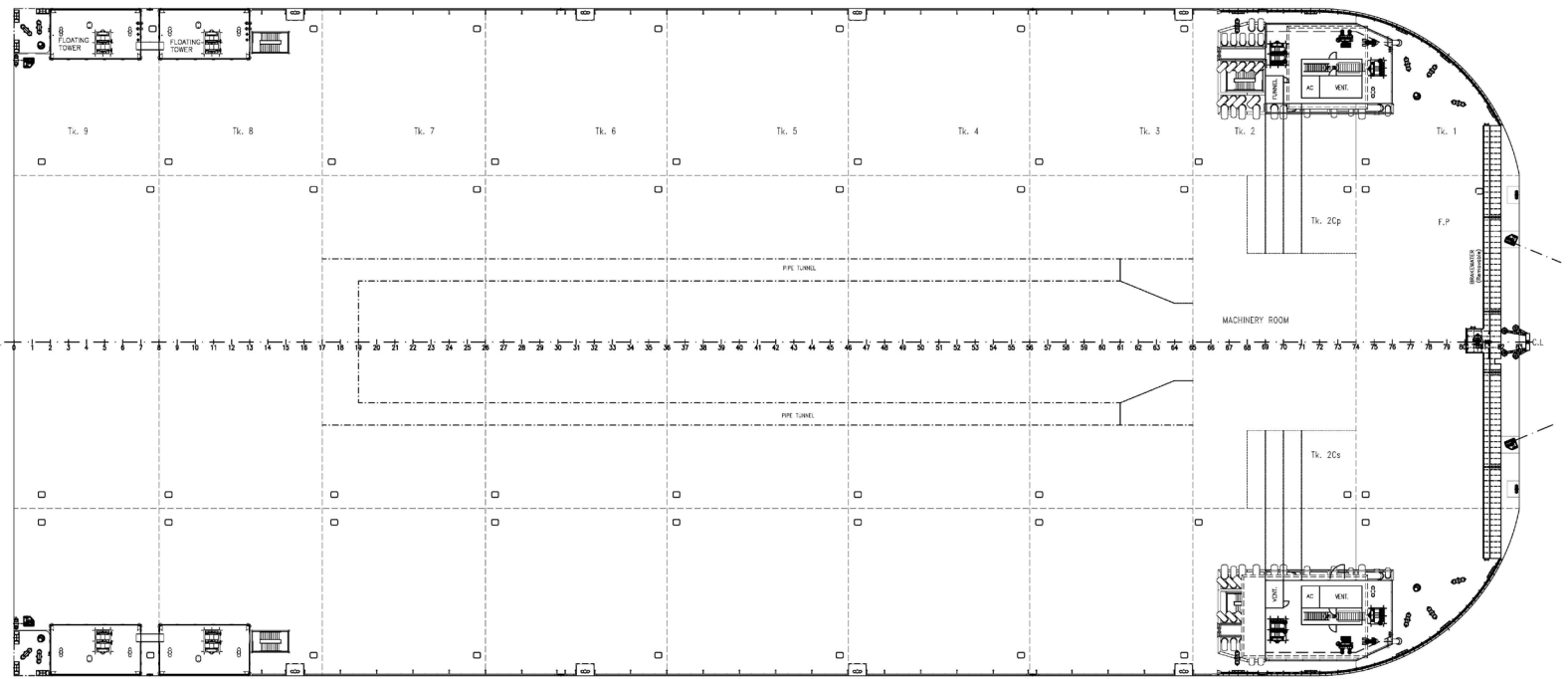
Anchor Winches	2 x hydraulic winches
Anchors	2 x SPEK 8300 kg, 2 x 330 m x 70 mm K3
Capstans	4 x 15 t pull
Work Winches	2 x single drum +2 x double drum on winch deck
Rope Capacities	220 m x 40 mm 150 m x 60 mm
Electrical winches on top of floating towers Rope capacities of 220 m x 40mm/150 m x 60 mm	
Bollards	Capacity SWL 150-200 t

Towing Equipment

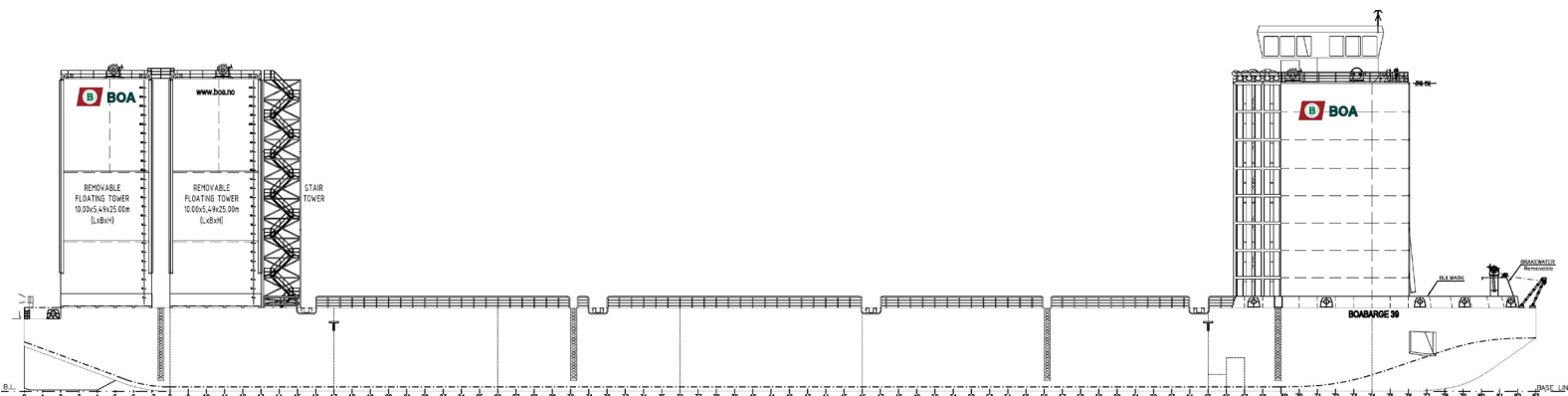
Towing Bridle	Each legs 27.5 m, tow plate and 12 m long fore runner
Bridle Chain	K3, MBL 5780 KN, Max. Bollard Pull 275 t
Recovery System	Recovery winch and A-frame with chain on forecastle deck
Towing Brackets	2 forward 750 t MBL
Towing Connections	2 aft 750 t MBL

Accommodation

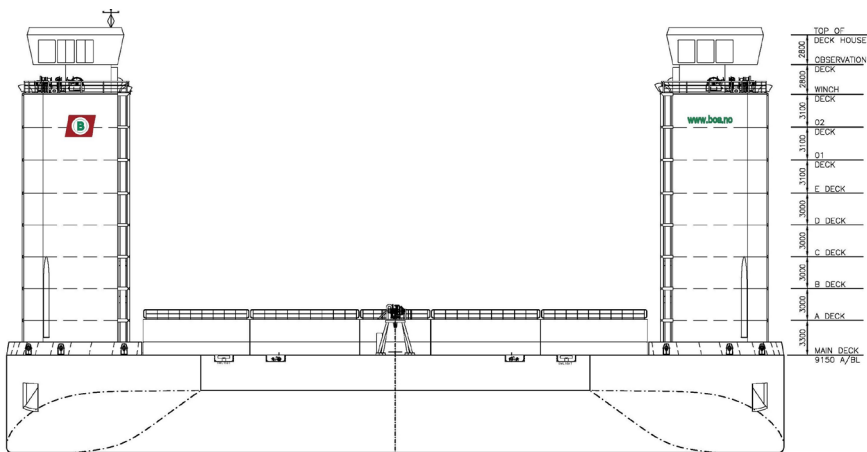
Accommodations	32 beds
Cabins	16
Day Room	1
Meeting Room	1 for 12 persons



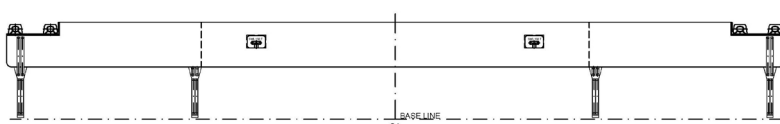
DECK PLAN VIEW



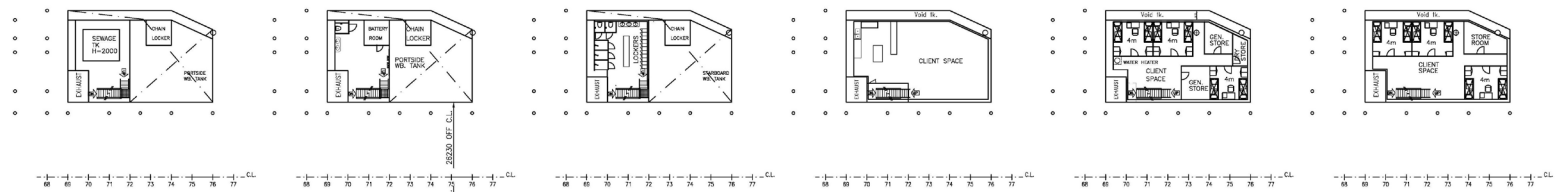
SIDE VIEW



BOW VIEW



STERN VIEW



A DECK

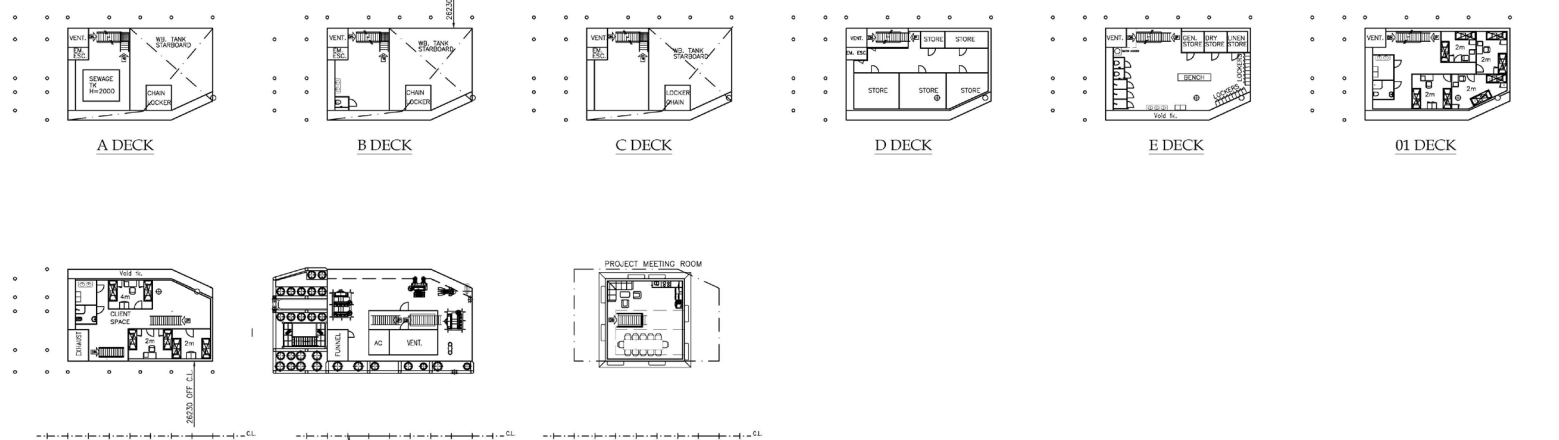
B DECK

C DECK

D DECK

E DECK

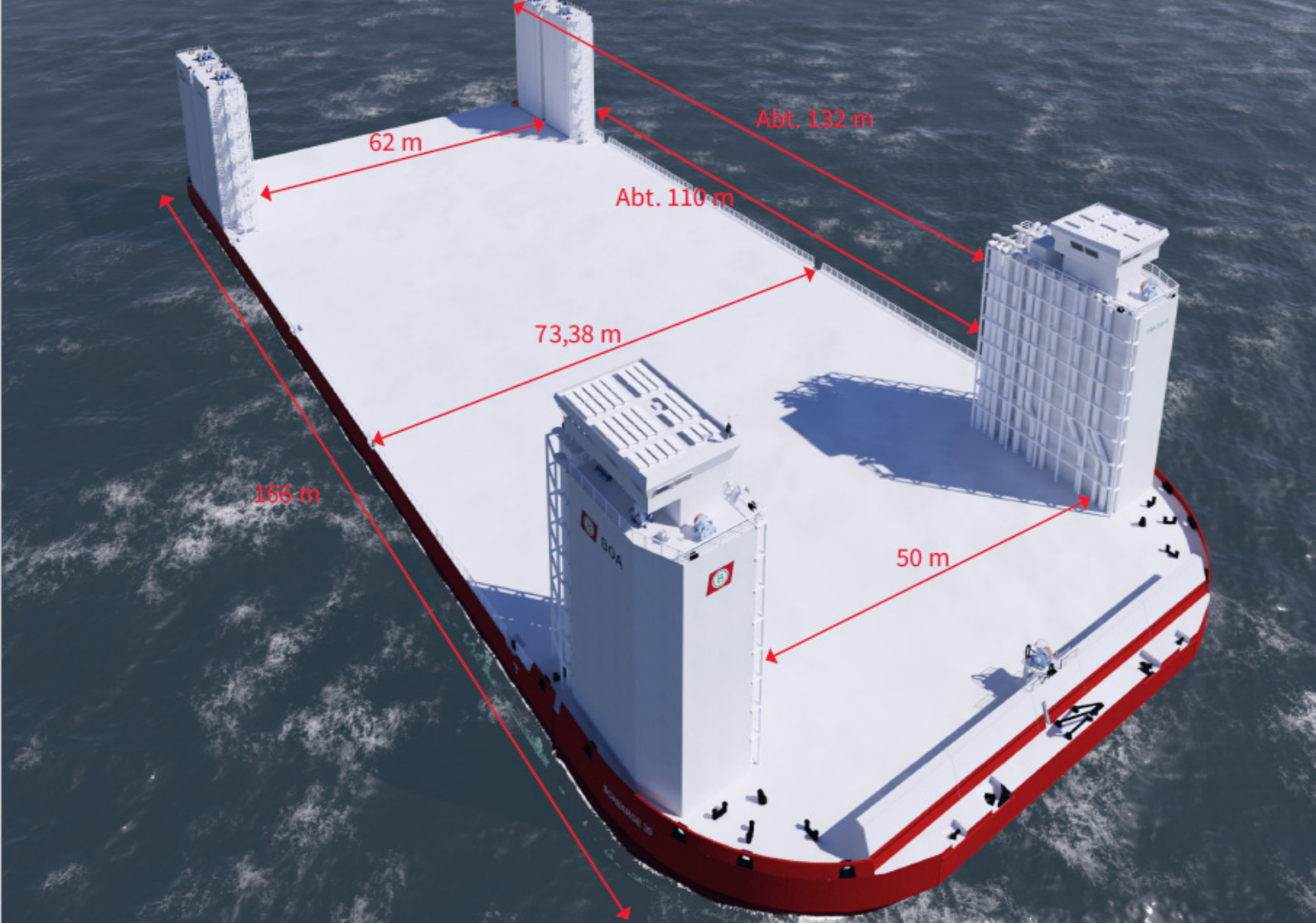
01 DECK



02 DECK

WINCH DECK

OBSERVATION DECK





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