



BOA



- Submersible to 22.5 m above deck
- Heavy cargo up to 57.500 t
- Voluminous cargo up to 11.750 m³
- Extreme deck strength of 35 t/m²
- ICE-C class
- Hybrid power system

BOA BARGE 39/40

Semi Submersible Heavy Lift and
Launching Cargo Barge



BOA BARGE 39/40

General Information

Vessel's Name	BOA BARGE 39
Flag	Norwegian, NOR
Class Society	DnV
Class Notations	+1A, Barge for deck cargo DAT (-10°C) ICE C
Year built	2026
Builder	PRC
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 (transit) approx.	6.53 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	111.784 t
Net Tonnage	33.643 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 (Electric 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 deck-house
Remote operated pumps, valves and sounding system from control -and engine room.	
Ejector stripping system for all ballast tanks	

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

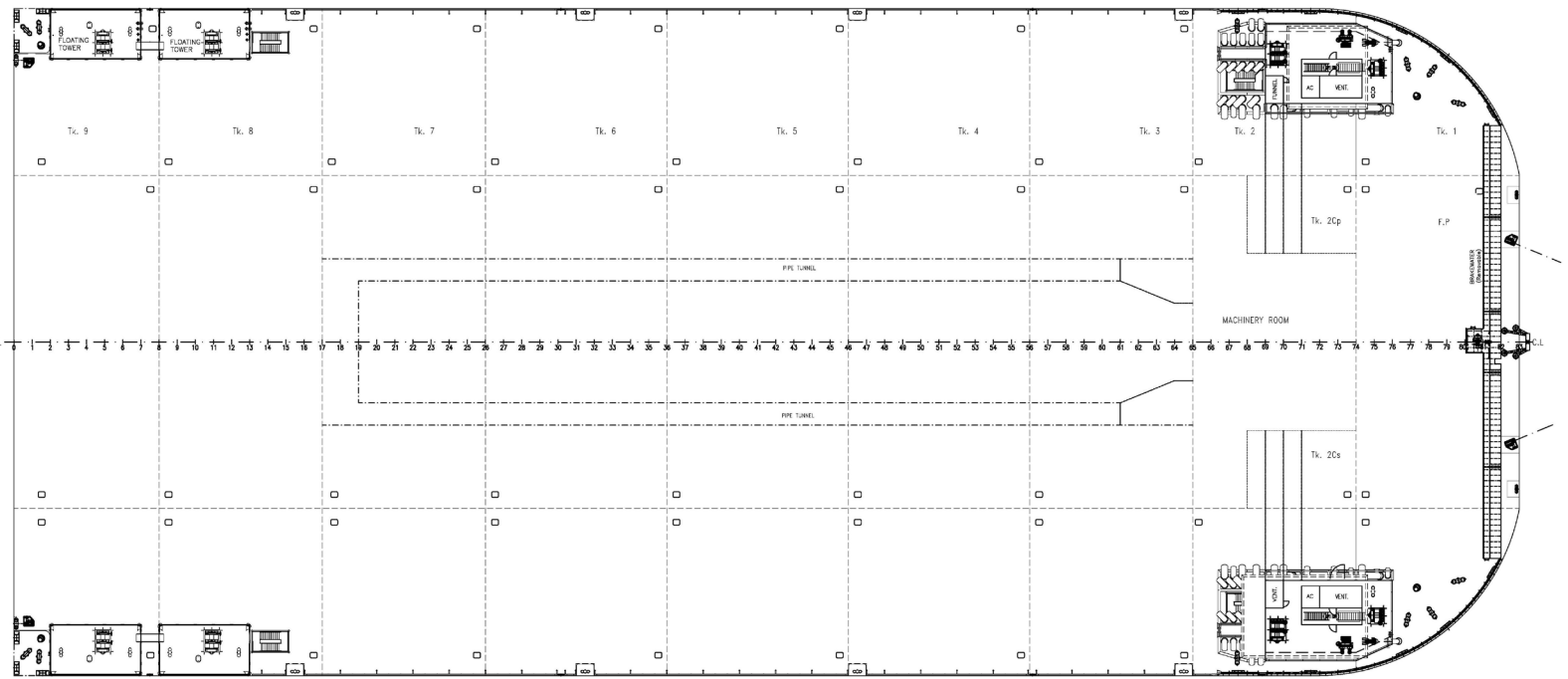
Anchor Winches	2 x hydraulic winches
Anchors	2 x SPEK 8300 kg, 2 x 330 m x 70 mm K3
Capstans	4 x 15 t pull
Work Winches	2 x single drum +2 x double drum on winch deck
Rope Capacities	220 m x 40 mm 150 m x 60 mm
Electrical winches on top of floating towers Rope capacities of 220 m x 40mm/150 m x 60 mm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

Towing Equipment

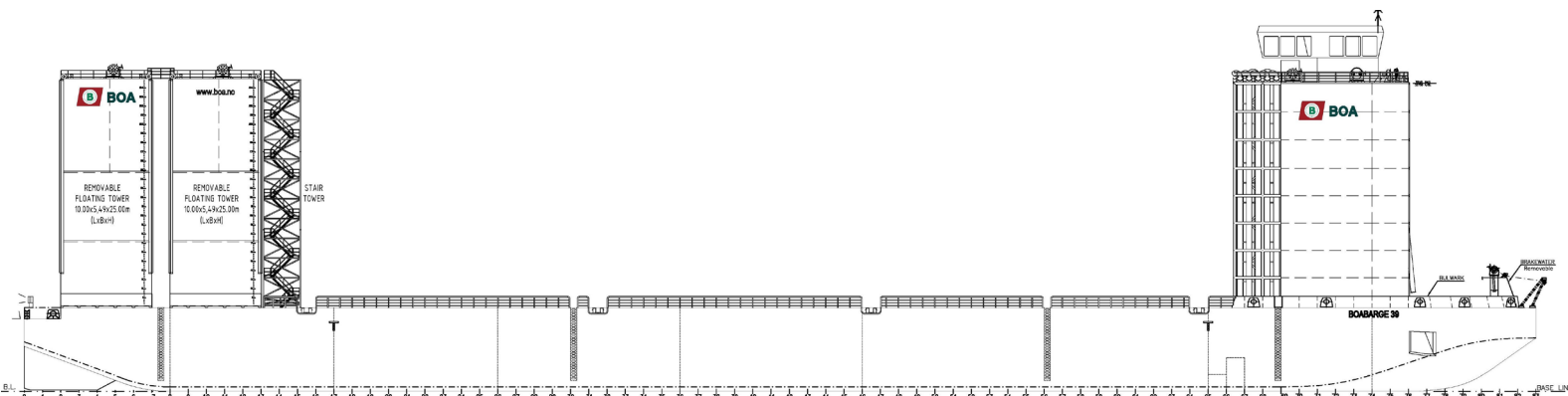
Towing Bridle	Each legs 27.5 m, tow plate and 12 m long fore runner
Bridle Chain	K3, MBL 5780 KN, Max. Bollard Pull 275 t
Recovery System	Recovery winch and A-frame with chain on forecastle deck
Towing Brackets	2 forward 750 t MBL
Towing Connections	2 aft 750 t MBL

Accommodation

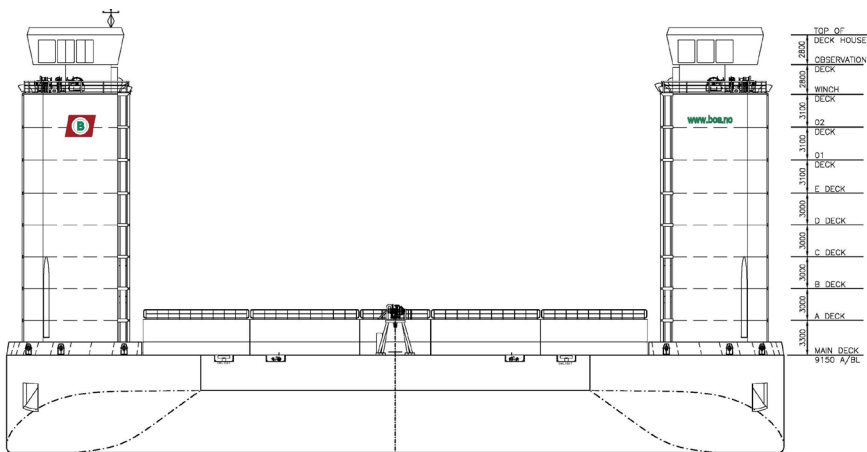
Accommodations	32 beds
Cabins	16
Day Room	1
Meeting Room	1 for 12 persons



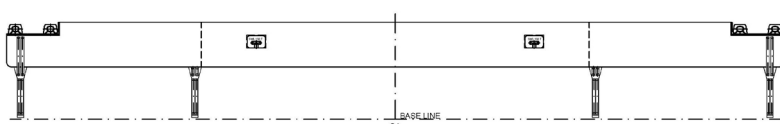
DECK PLAN VIEW



SIDE VIEW

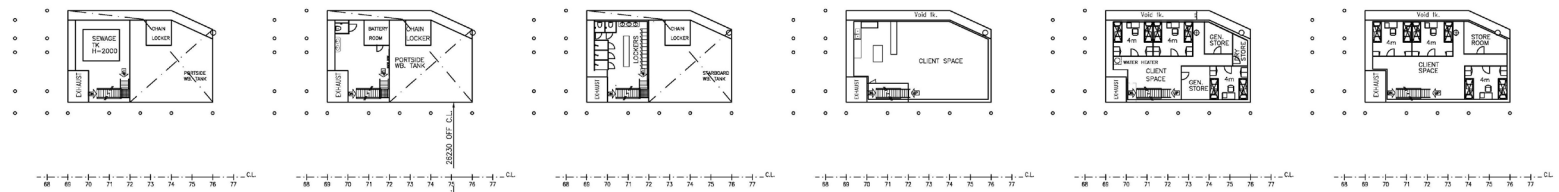


BOW VIEW



STERN VIEW

TOP OF
DECK HOUSE
OBSERVATION
DECK
WINCH
DECK
02
DECK
01
DECK
C DECK
D DECK
E DECK
B DECK
A DECK
MAIN DECK
9150 A/BL



A DECK

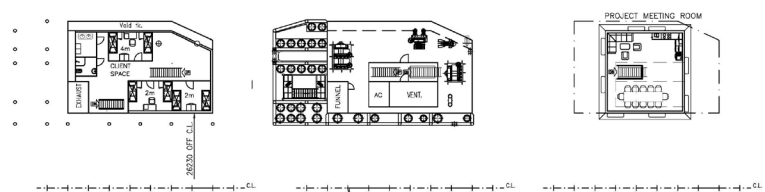
B DECK

C DECK

D DECK

E DECK

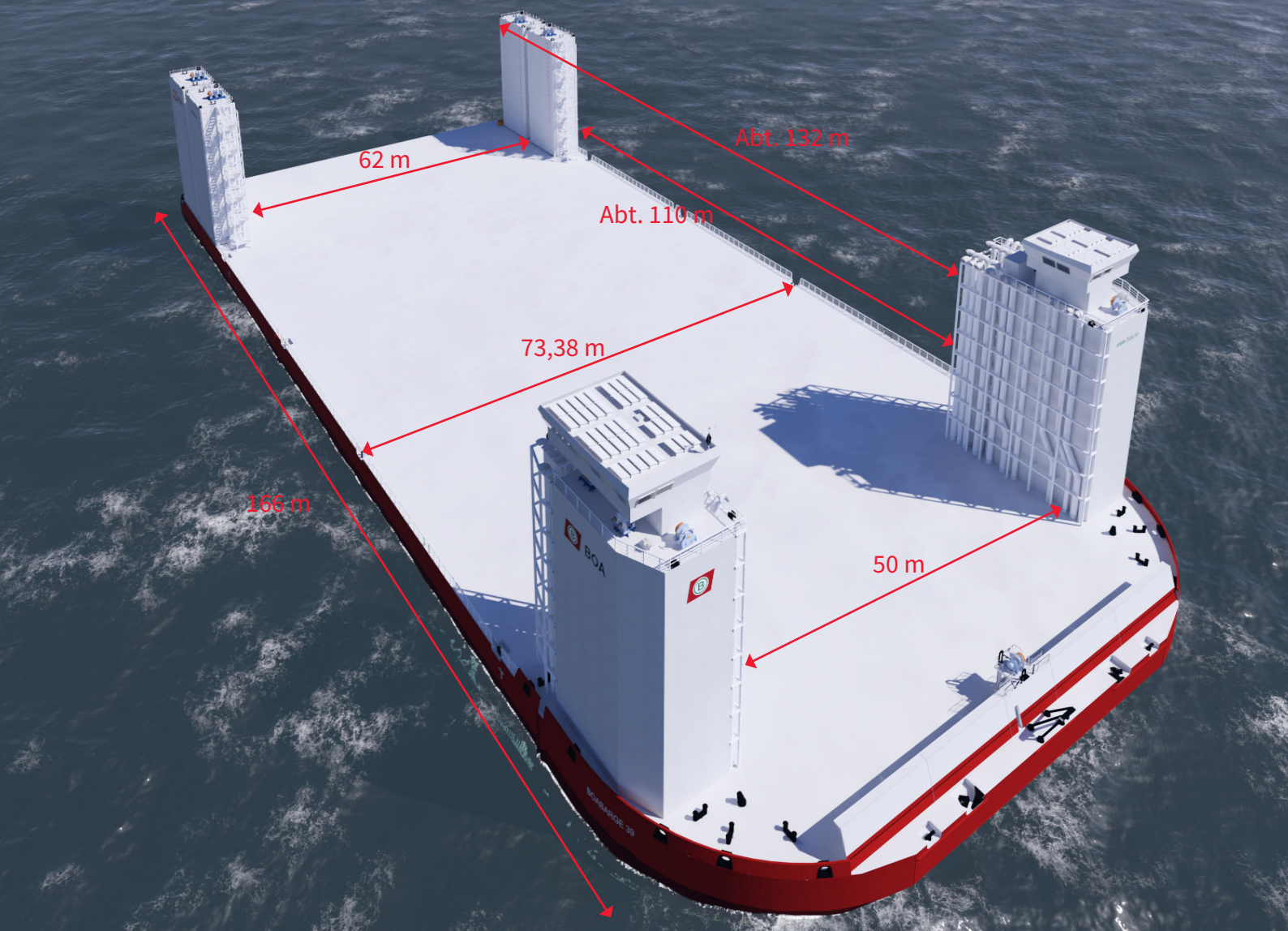
01 DECK



02 DECK

WINCH DECK

OBSERVATION DECK





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