



# BOA



- Submersible to 22.5 m above deck
- Heavy cargo up to 57.500 t
- Voluminous cargo up to 11.750 m<sup>2</sup>
- Extreme deck strength of 35 t/m<sup>2</sup>
- 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)<br>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                          | 33.585 t                 |
| Net Tonnage                            | 10.075 t                 |

## Cargo Capacities

|                         |                       |
|-------------------------|-----------------------|
| Deadweight (T = 6.53 m) | 57.500 t              |
| Deck space              | 11.750 m <sup>2</sup> |
| Deck strength           | 35 t/m <sup>2</sup>   |
| 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 <sup>3</sup> |
| Bilge tanks     | 33 m <sup>3</sup>     |
| Sewage          | 2 x 21 m <sup>3</sup> |
| Fresh water     | 2 x 22 m <sup>3</sup> |
| Fuel (MDO)      | 46 m <sup>3</sup>     |
| Lub. Oil Store  | 0.6 m <sup>3</sup>    |
| Hydr. Oil Store | 1.2 m <sup>3</sup>    |
| Misc. Oil Store | 0.6 m <sup>3</sup>    |

## Ballast System

|  |                                |
|--|--------------------------------|
| Main Ballast Pumps (Electric Driven)   | 4 x 5250 m <sup>3</sup> /hr    |
| Aft Ballast Pumps (Electric Driven)  | 2 x 750 m <sup>3</sup> /hr     |
| Service Pump (Electric Driven)   | 1 x 400 m <sup>3</sup> /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     |
| Lights powered by solar panels          |                           |

## Anchor & Mooring Equipment

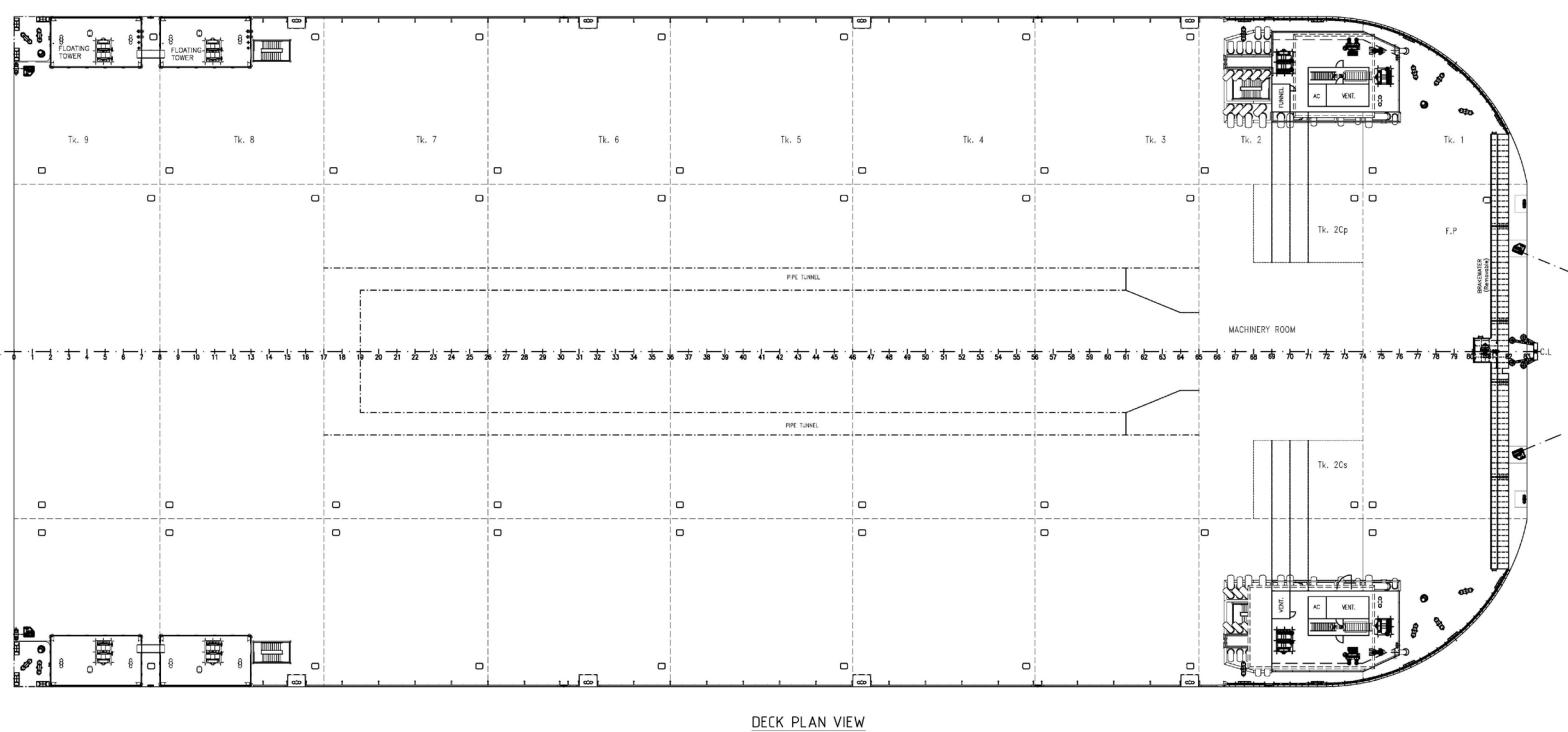
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|---|--|
| Anchor Winches                                | 2 x hydraulic winches                          |
| Anchors                                       | 2 x SPEK 8300 kg, 2 x 330 m x 70 mm K3         |
| Capstans                                      | 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<br>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

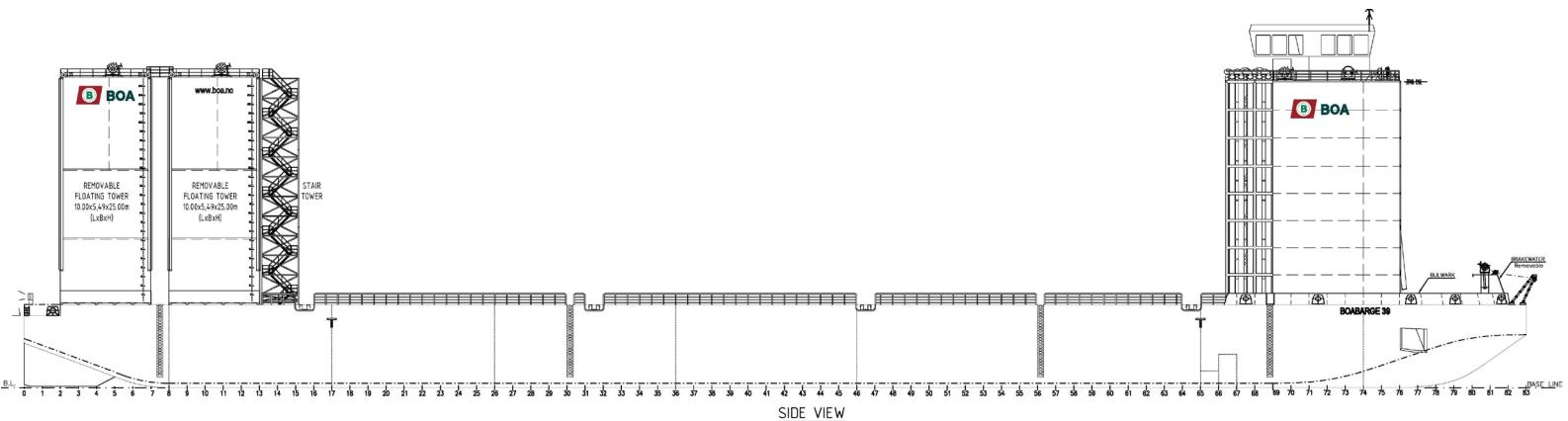
|                    |  |
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| Towing Bridle      | Each legs 27.5 m, tow plate and 12 m long fore runner    |
| Bridle Chain       | K3, MBL 5780 KN, Max. Bollard Pull 275 t                 |
| Recovery System    | Recovery winch and A-frame with chain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

## Accommodation

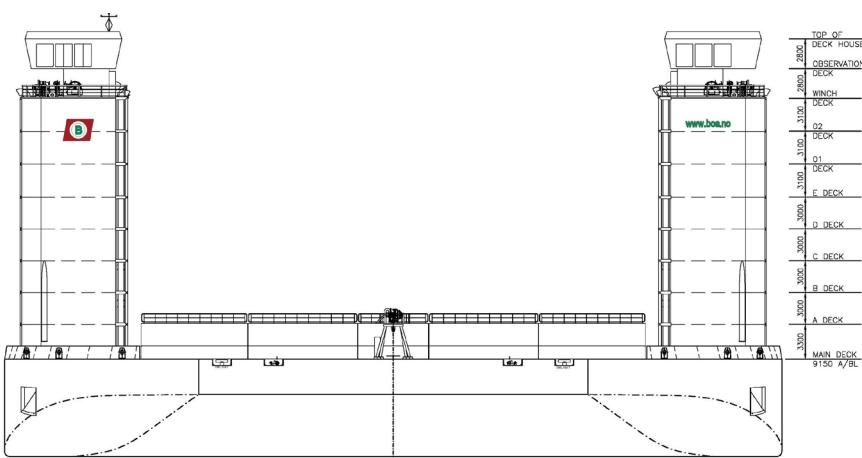
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|----------------|------------------|
| Accommodations | 32 beds          |
| Cabins         | 16               |
| Day Room       | 1                |
| Meeting Room   | 1 for 12 persons |



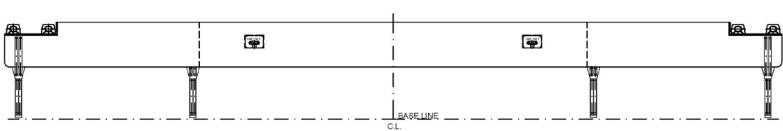
DECK PLAN VIEW



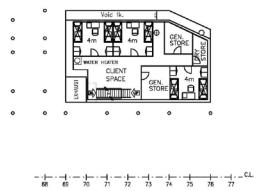
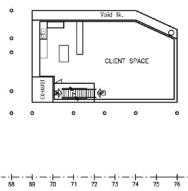
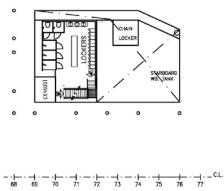
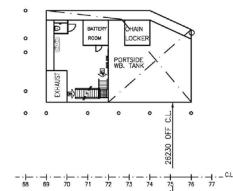
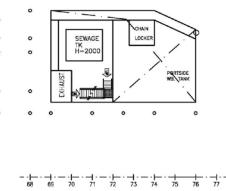
SIDE VIEW



BOW VIEW



STERN VIEW



## A DECK

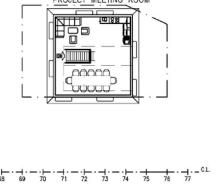
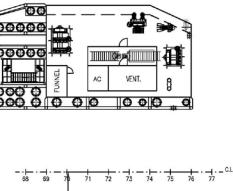
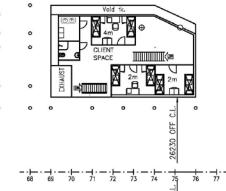
## B DECK

## C DECK

D DECK

## E DECK

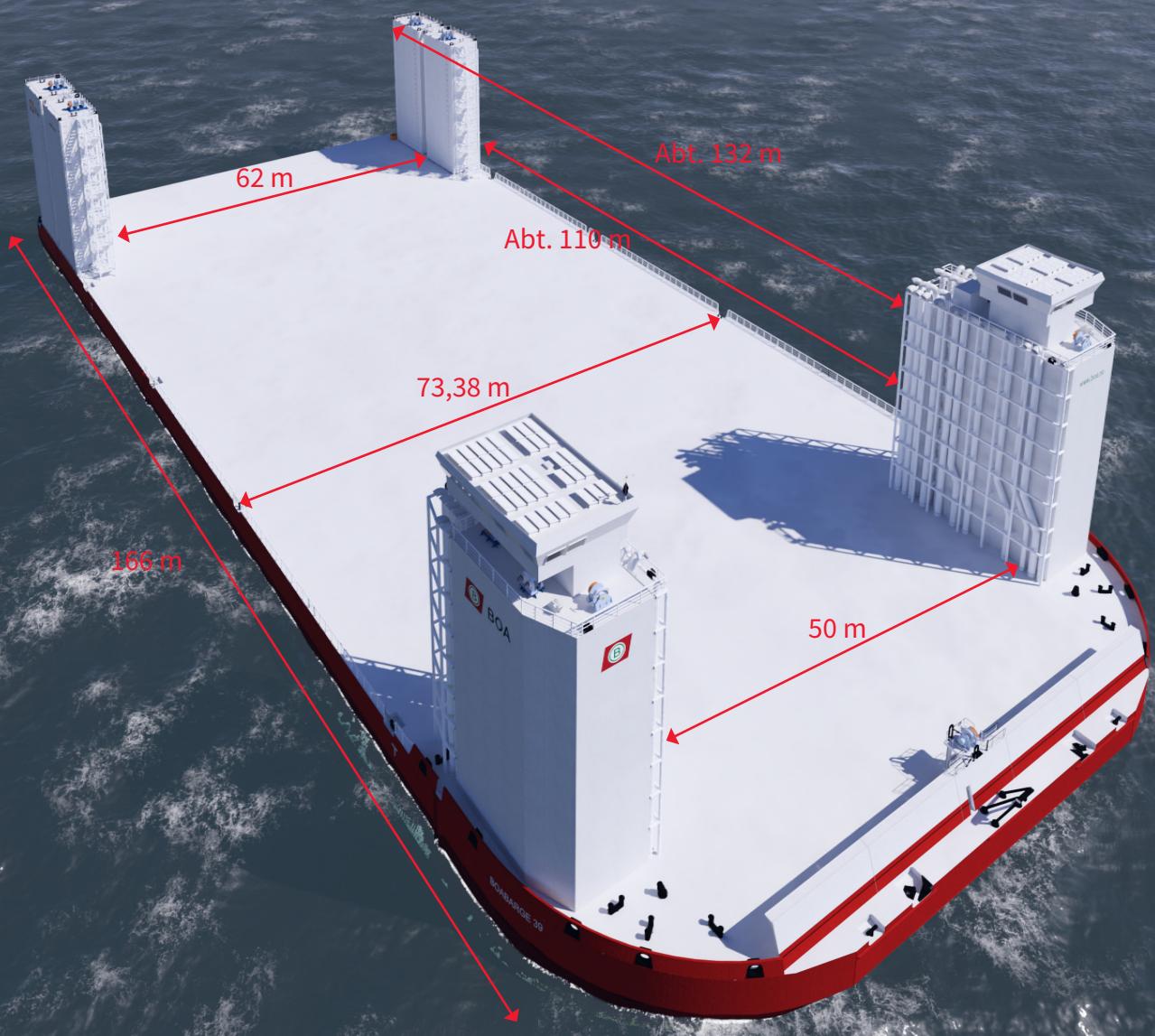
## 01 DECK



## 02 DECK

## WINCH DECK

## OBSERVATION DECK





#### CORPORATE HEADQUARTERS

**BOA Management AS**  
Strandveien 43  
7067 Trondheim  
Norway  
+47 73 99 11 99  
chartering@boa.no

[www.boa.no](http://www.boa.no)