

# BHV INNOVATION

Semi Submersible and Heavy Lift Pontoon



**SUBMERSIBLE** TO  
7 M FORWARD AND  
7 M AFT ABOVE DECK

**HEAVY CARGO**  
UP TO 12.127 TONS

**DECK SPACE** FOR  
CARGO **UP TO 2.730 M<sup>2</sup>**

# BHV INNOVATION SEMI SUBMERSIBLE AND HEAVY LIFT PONTOON DATA SHEET



## General Information

**VESSEL'S NAME:** BHV Innovation

**FLAG:** German

**PORT OF REGISTRY:** Bremerhaven

**CLASS SOCIETY:** DNVL GL

**CLASS NOTATION:** GL100 A5 RSA (200)

**TYPE:** Pontoon semi-submersible, strengthened for heavy cargo

**YEAR BUILT:** 2011/2021

**BUILDER:** BVT GmbH

**PLACE BUILT:** Bremerhaven

**OWNER:** SBN Bremerhaven

**MANAGER:** BVT CuL

## Dimensions

**LENGTH, OVERALL:** 95,50 m

**BREADTH, MOULDED:** 32,16 m

**DEPTH, MOULDED:** 7 m

**DRAUGHT, FULLY LOADED:** 5,11 m

**GROSS TONNAGE:** 5997

**NET TONNAGE:** 1799

## Tonnage

**DEADWEIGHT:** 12.175 t

**DECK SPACE:** 2730 m<sup>2</sup>

**DECK STRENGTH :** 200 KN/m<sup>2</sup>

**LAUNCHING CAPACITY:** 3000 t

## Submerging Depths

**SUBMERGING (FREE FLOATING):** 7 m above deck fwd and aft

**FLOATATION TANKS FOR FREE FLOATING:** 8 x center tanks

## Tank Capacities

**BALLAST TANKS:** 35.884 m<sup>3</sup>

**SEWAGE:** 2 m<sup>3</sup>

**FRESH WATER:** 1,8 m<sup>3</sup>

**FUEL (MDO):** 30 m<sup>3</sup>

**HYDR. OIL STORE:** 1 m<sup>3</sup>

## Power Supply

**MAIN GENERATORS:** 2 x 450 kw, Type OL820C

**SHORE POWER CONNECTIONS:** CEE 125 Amps

## Anchor & Mooring Equipment

**BOLLARDS:** 6 x double bollard

**EMERGENCY ANCHOR:** 1 x bow anchor 3075 kg,  
wire rope 351 m/981kN/Ø50mm

**ROPE CAPACITIES:** 4 x 250 m Ø32 mm MBK 88,7 t  
4 x 130 m Ø22 mm MBK 45,9 t

**MOORING WINCHES:** 4 x 20 t hydraulic driven

**WORK WINCHES:** 4 x 10 t hydraulic driven

## Towing Equipment

**TOWING BRIDLE:** 1 bridle, 2x16 m legs, two plate and 3m fore runner

**BRIDLE CHAIN:** SWL 750 kN/break force 3000 kN

**RECOVERY SYSTEM:** By work winch

**EMERGENCY TOWING:** Towing wire installed along starboard side  
length 50 m SWL 750 kN

**TOWING BRACKETS:** 5 fwd SWL 800 kN

## Navigational Lights and Safety Equipment

The barge is equipped with navigation lights according to flag state rules. The system is electrically powered and installed with solar panels. Safety equipment according to rules is always kept onboard.

## Equipment

**TRACK SYSTEM:** 4 tracks (gauge of track 1000 mm)

**LASH-SOCKET SYSTEM:** Total of 872 heavy-load lash sockets

**WORK BOAT:** With davit RIB 60HP

**MONITORING FOR DRAFT AND TANK MEASURING:** Automatic

**LOAD CELL:** For RoRo operations (to minimize forces on quay)

**BUOYANT TOWERS:** Removable

## Accommodation

**ACCOMMODATIONS:** 4 beds

**DAY ROOM:** 1

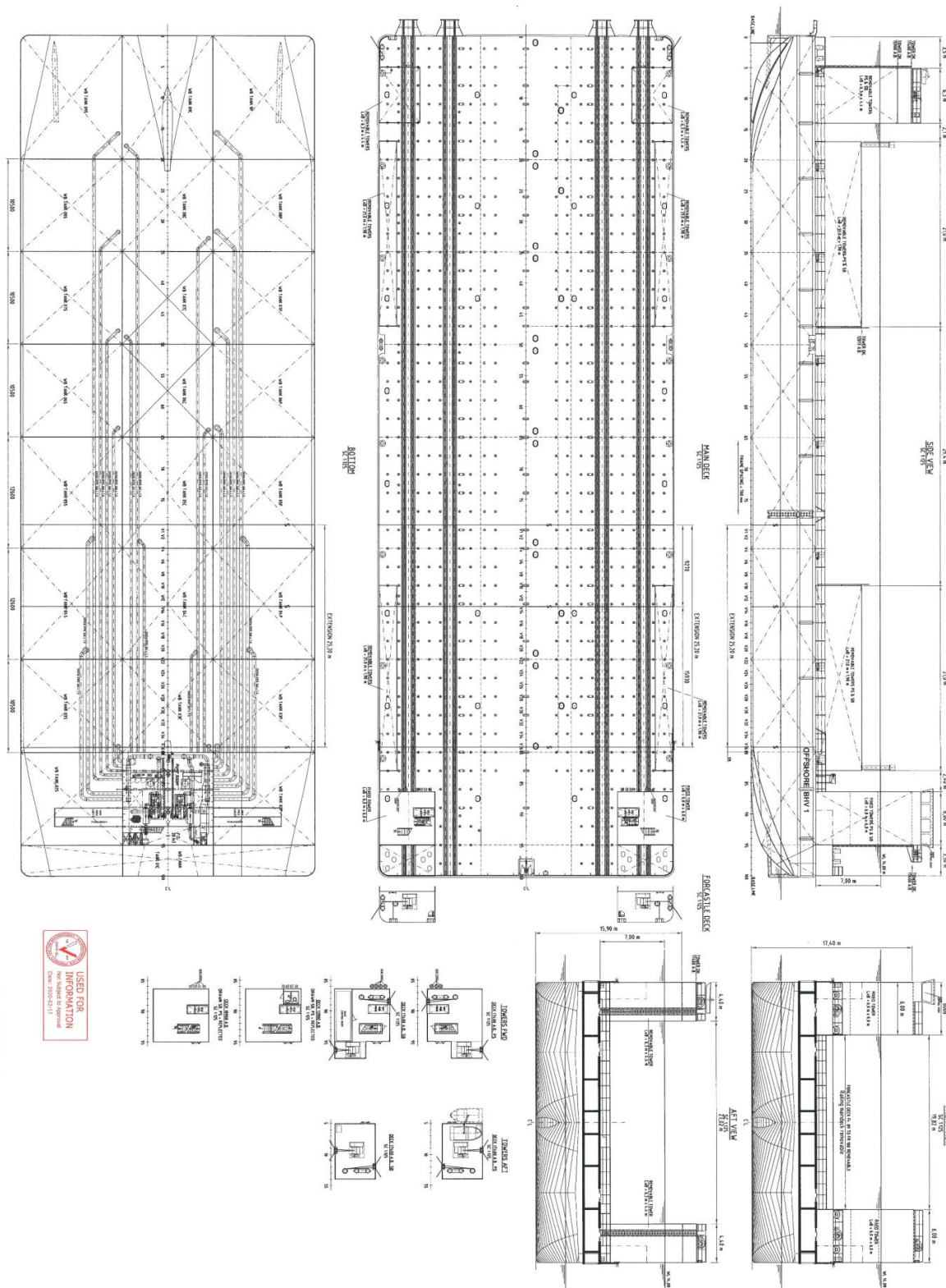
**CONTROL ROOM:** 1

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