

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 M²

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 m²

DECK STRENGTH : 200 kN/m²

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 m³

SEWAGE: 2 m³

FRESH WATER: 1,8 m³

FUEL (MDO): 30 m³

HYDR. OIL STORE: 1 m³

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

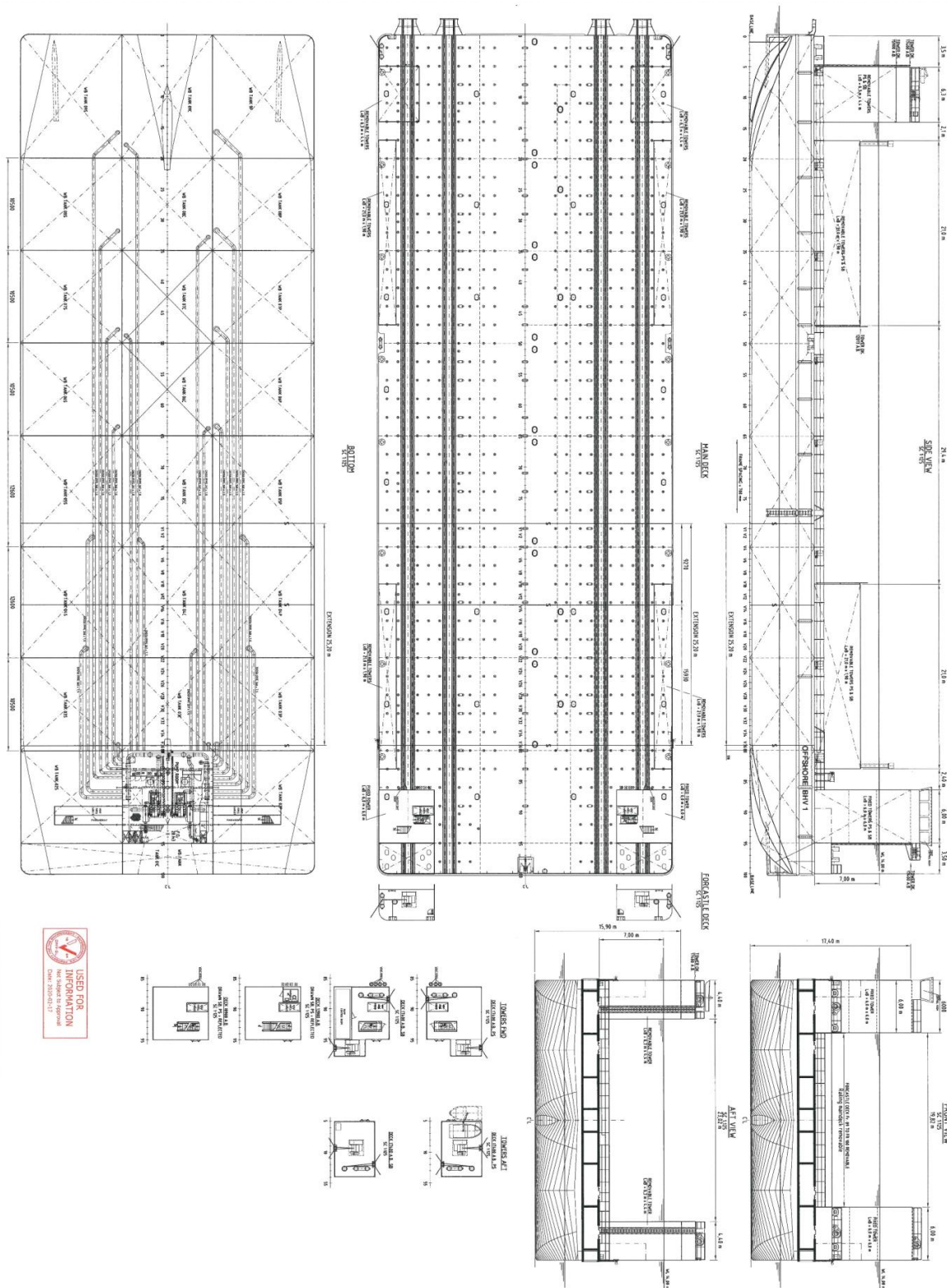
Accommodation

ACCOMMODATIONS: 4 beds

DAY ROOM: 1

CONTROL ROOM: 1

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