

## “BB Ocean”

*Multifunctional Anchor Handling Tug with DP I,  
Ocean tows and handling of anchors and mooring lines*



### GENERAL

Type:	AHTS / CPP Propeller
Built:	1999, modified 2018
Call sign	LFBI
IMO no.	9196503
Port of reg.	Haugesund
Classification	1A1 Tug SF E0 DYNPOSAUT DK(+) HL2.5

### DIMENSIONS

Length overall	57.9 m
Beam overall	15.0 m
Depth moulded	5.5 m
Operating draft	3.8 m
Deck area	372 m <sup>2</sup>
Tonnage:	1368 t

### PERFORMANCE

Bollard pull	66 TBP
Economical speed	9 knots @200 l/h
Maximum speed	13.5 knots @800 l/h
Deck crane	Z-Marine, 25 Te capacity at 22 m
Aux deck crane	AKC 145 HE4, 9 Te at 11 m
Deck capacity	5 Te/m <sup>2</sup> , 10 Te/m <sup>2</sup> at stern

### PROPULSION SYSTEM

Main engines:	2 x Bergen KRMB-9 5.440 bhp in total
Propulsion:	2 x CPP Rolls Royce 600 AGSC-KP/500 ND
Bow thrusters:	2 x 700 bhp, 8.25 Te thrust each
Stern thruster:	1 x 700 bhp, 8.25 Te thrust

### AUXILIARY EQUIPMENT

Generator sets	2 x Scania 360 kW each
Fuel oil pumps	80 m <sup>3</sup> /h
Fresh water pumps	100 m <sup>3</sup> /h
FiFi set	Diesel driven 600 m <sup>3</sup> /h
FiFi monitors	2 x 300 m <sup>3</sup> /h, water/foam

### TANK CAPACITIES

Fuel oil	406 m <sup>3</sup>
Fresh water	470 m <sup>3</sup>

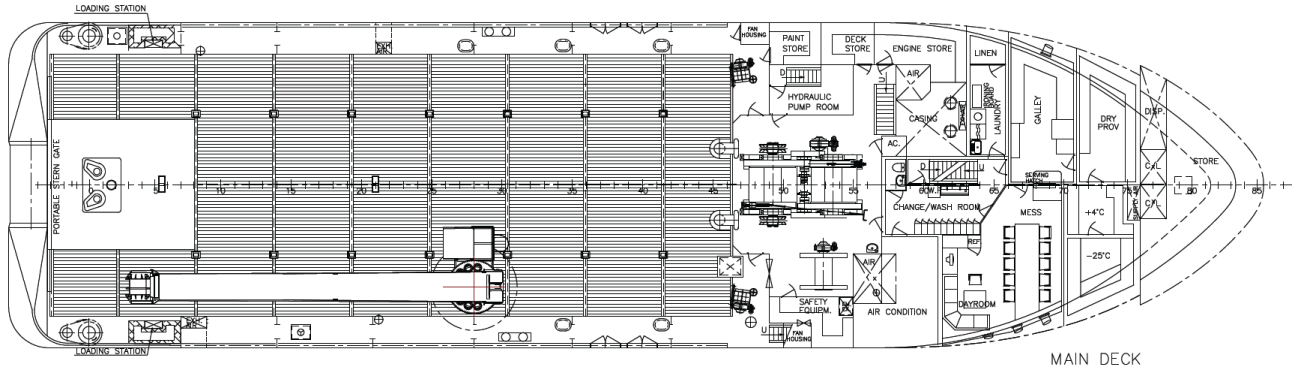
### DECK EQUIPMENT

Towing / AH winch	150 Te pull / 250 Te brake with two drums and capacity of 1400 m wire 56 mm.
Tugger winches	2 off winches 5 Te pull 1 off winch 20 Te pull
Storage drum	1 x wire
Shark jaws	2 x Karm forks
Smith towing bracket	200 Te SWL at forecastle
Chain gypsy	2 x for Ø = 76 mm chain
Capstan	2 x 10 Te
Rig chain lockers	2 x 53 m <sup>3</sup>
Stern roller	Ø = 2 m, L = 4 m
Fast Rescue Craft	MP660 Springer

### ACCOMMODATION

Air-conditioned accommodation for 24 persons including vessel crew. Client cabins, meeting rooms and facilities for coordinating projects.

*All the above particulars are believed to be correct, but not guaranteed*



MAIN DECK

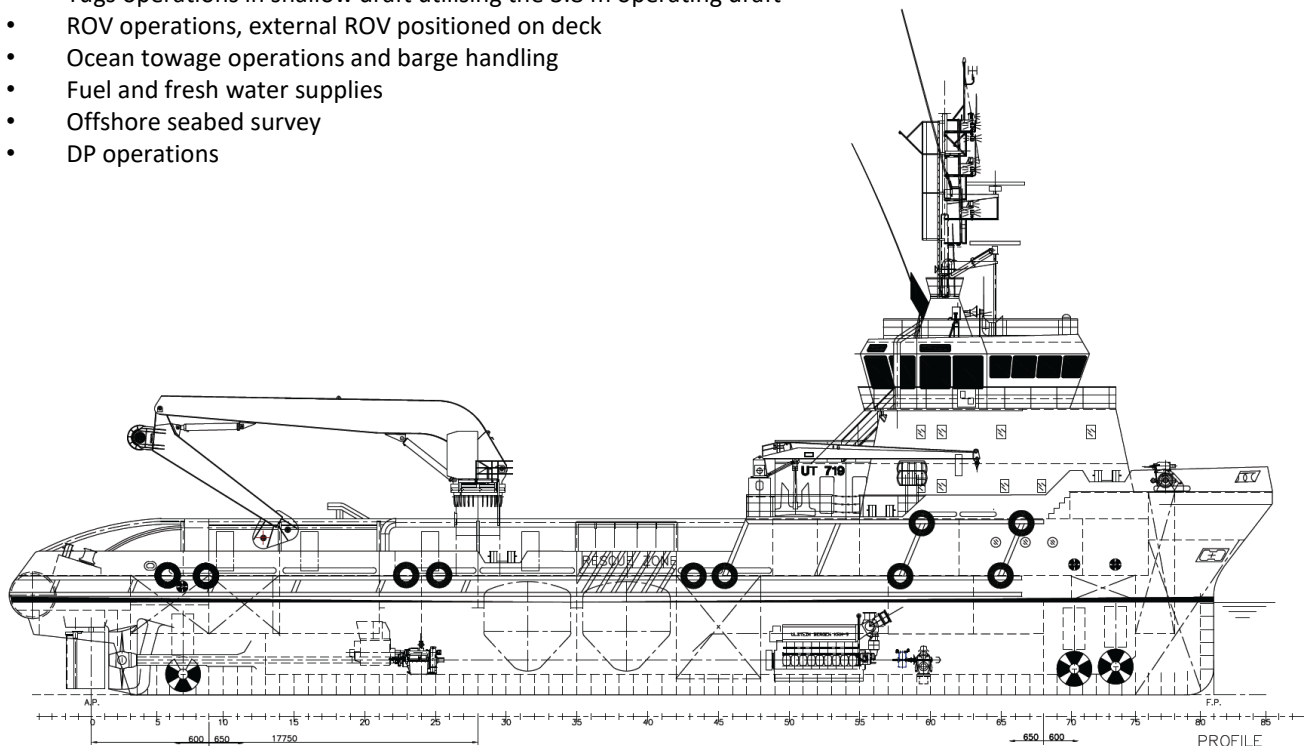
## GENERAL ARRANGEMENT

Large deck with crane reach to stern roller and wood protection for safe and efficient load-out, seafastening and transportation. Chain lockers for safe chain handling and additional capacity when transporting mooring spreads.

## SCOPE OF WORK

BB Ocean is purpose built for the following types of work:

- Project work with office facilities for managing operation and client meetings
- Mooring system transportation, pre-installation and hook-up of vessels in lay up or rigs at yards
- Cargo runs offshore and transportation of large equipment utilizing deck and internal cranes
- Infield support vessel, offshore standby, emergency response and MOB/FRC duties
- Tugs operations in shallow draft utilizing the 3.8 m operating draft
- ROV operations, external ROV positioned on deck
- Ocean towage operations and barge handling
- Fuel and fresh water supplies
- Offshore seabed survey
- DP operations



## SIDE VIEW

Deck crane raching to stern roller with 25 Te capacity (at 22 m radius). Auxiliary deck crane with 9 Te capacity at 11 m located midship. Two bow thrusters and one stern thruster in addition to main engines providing DPI capacity. Excellent overview of deck operations from bridge.

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