BOA

- Submersible to 12.5 m forward / 16.7 m aft above deck
- Launching of jackets up to 10,000 t
- Heavy cargo up to 30,000 t
- Voluminous cargo up to 5,150 m^2
- Extreme deck strength of 35 t/m^2
- Ballast water treatment system
- Ice Class ICE-C

BOABARGE 37

Semi Submersible Heavy Lift and Launching Cargo Barge

BOABARGE 37

General Information	
Vessel's Name	BOABARGE 37
Flag	Norwegian, NOR
Port of Registry	Trondheim
Call Sign	LG8610
Class Society	DNV
Class Notations	+1A1 ICE-C DK(+) DAT(-10)C -'Barge for Deck Cargo'
Year built	2015
Builder	PRC
Place built	PRC
Owner	Boa Barges AS
Manager	Boa Management AS

Dimensions	
Length, Overall	152 m (498.7 ft)
Breadth, Moulded	38 m (124.7 ft)
Depth, Moulded	9.15 m (30 ft)
Draught- Max	6.92 m (22.7 ft)
Draught- Min	1.50 m (4.9 ft)
Air Draught (from keel to top of mast)	29.95 m (98.3 ft)
Web Frame Spacing	2 m (6.6 ft)
Long. Stiffener Spacing	0.61 m (2.0 ft)
Gross Tonnage	15,185 t
Net Tonnage	4,555 t

Cargo Capacities	
Deadweight (T = 6.920 m)	29,500
Deck space	5,150 m^2
Deck strength	35 t/m^2
Launching Capacity	up to 10,000 t jacket

Submerging Depth	
Max submerging depth fwd.	12.5 m (41 ft) above deck fwd
Max submerging depth aft.	16.7 m (54.8 ft) above deck aft
2 additional floating tanks for free floating submerging operations	LxBxH: 20 m x 4.575 m x 15 m

Tank Capacities	
Ballast tanks	46,000 m^3
Bilge tanks	35 m^3
Sewage	14.8 m^3
Fresh water	25 m^3
Fuel (MDO)	45 m^3
Lub. Oil Store	0.64 m^3
Hydr. Oil Store	1.28 m^3
Misc. Oil Store	0.64 m^3

Ballast System	
Ballast Pumps (Diesel Driven)	2 x 5,200 m^3/hr
Ballast Pumps (Electric Driven)	2 x 750 m^3/hr
Service Pump (Electric Driven)	1 x 900 m^3/hr
Ballast Tanks	27 in pontoon, 2 in deckhouse
Ballast Water Treatment System	Electrocatalisys 1200 m^3/hr
Remote operated pumps, valves and sounding system from control room	

Power Supply	
Main Generators	2 x 310 kVA (2 x 248 Kw), 440 V, 60 Hz 1 x 210 kVA (1 x 168 Kw), 440 V, 60 Hz
Work Generator	1 x 37 kVA (1 x 30 Kw), 440 V, 60 Hz
Equipment on deck	230 V and 440 V
Shore Power Connections	230 V and 440 V

Anchor & Mooring Equipment	
Anchor Winches	2 x hydraulic winches
Anchors	2 x SPEK 6900 kg, 2 x 330 m x 64 mm K3
Capstans	3 x 12 t pull
Work Winches	2 x double drum on winch deck
Rope Capacities	220 m x 40 mm (721.8 ft x 1.57 in) 150 m x 60 mm (492.1 ft x 2.36 in)
Bollards	Size 500, Capacity SWL 100 t

Towing Equipment	
Towing Bridle	Each legs 26.5 m (87 ft), tow plate and 9 m (29.5 ft) long fore runner
Bridle chain	78mm K3, MBL 4500 KN, Max. Bollard Pull 208.5 t
Recovery System	Recovery winch and A-frame with chain on forecastle deck
Emergency Towing	152 m x 80 mm wire installed in a rack on forecastle deck, port side
Towing Brackets	3 forward 750 t MBL, 2 aft 300 t MBL

Accommodation	
Accommodations	20 beds
Day Room	1
Meeting Room	1

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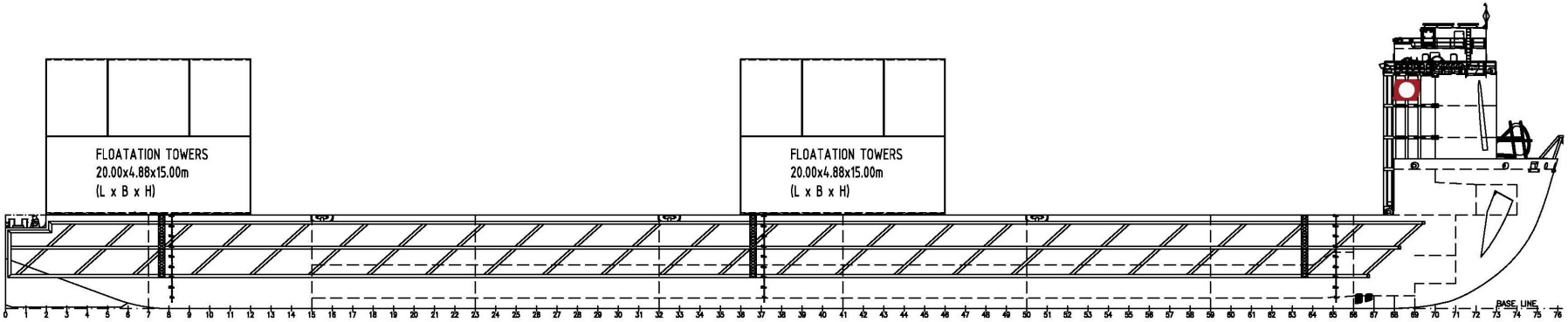
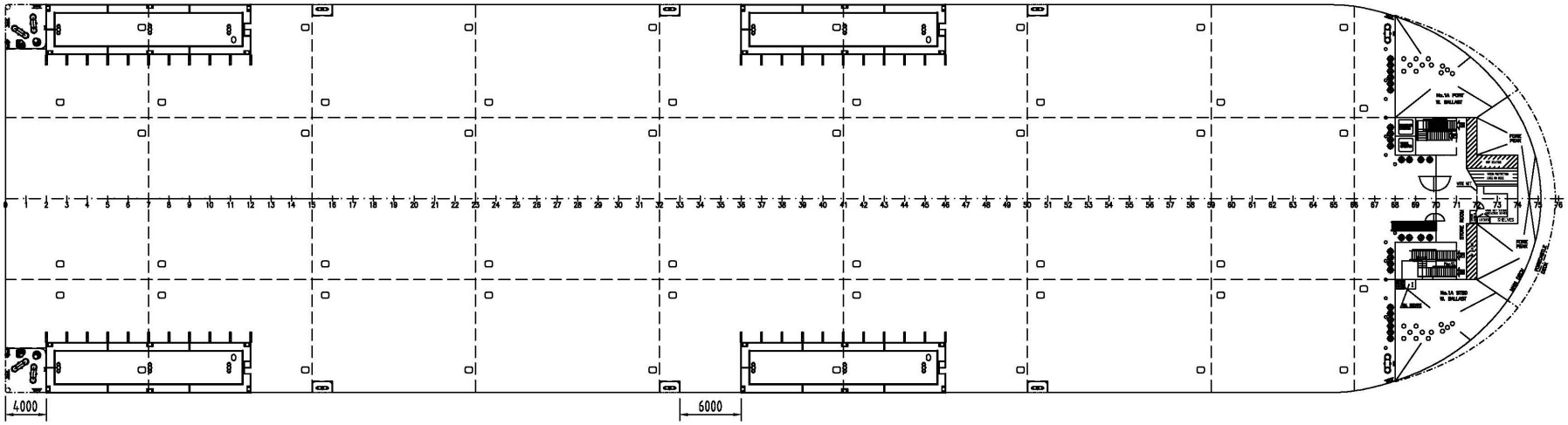


SIDE VIEW



PLAN VIEW

CORPORATE HEADQUARTERS

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