



OCEAN 333

Ballastable Barge | 328 ft x 105 ft x 20.30 ft

PRINCIPAL DIMENSIONS

Length Overall (LOA)	328 ft	100 mtrs
Length PP	328 ft	100 mtrs
Breadth Moulded	105 ft	32 mtrs
Depth Moulded	20.34 ft	6.20 mtrs
Draft (max)	4.6 m	
Draft (operational)	1 – 4.6 m	
Calculated Freeboard	1623 mm	
Hull Material	Steel	

DECK ARRANGEMENT

Deck Type	Reinforced Steel deck
Deck Strength	20 T/m ²
Lashing points	- Class-approved lashing points suitable for project cargo and container securing. - 28 D-rings (SWL 245 kN); 460 flush sockets (SWL 250 kN)
Safety Arrangements	- Fixed stanchions with steel wire railing at both sides - Portable stanchions with steel wire around bow & stern mooring equipment

BALLAST & AUXILLARY SYSTEM

Auxiliary Power (provided for)	- Ballast operations-Ballast operations - Mooring equipment - Lighting - Hydraulic system
Generators	- 2 auxiliary generators located in machinery space - Capability to connect to shore power
Loading Computer	- Class-approved trim & stability program

DOCUMENTATION

Classification	ABS (American Bureau of Shipping)
Year Built	2015
Keel Laid Year	2014
Place of Build	China
Vessel Type / Notation	Deck Barge / A1, Barge
Port of Registry	Portsmouth
Flag State	Commonwealth of Dominica
Official No.	51223
Call Sign	J7BU3

TONNAGE & CAPACITIES

Deck Strength	20 T/m ²
Free Deck Space	2550 m ²
Gross Tonnage	5376 Tons
Net Tonnage	1612 Tons
Deadweight	10945.2 Tons
Lightship	3076.7 tons
Displacement	14021.9 Tons

CARGO CAPABILITY

Cargo Type:	- Project cargo with high vertical centre of gravity - Pre-assembled modules (PAMs) - Containers - Tubular cargo - Heavy steel structures - Skidded or wheeled cargo
Cargo Operations:	- LOLO (Lift-on / Lift-off)
Maximum Modular Cargo Handling:	- Up to approx. 3,000 tonnes on multi-axle loads.
Cargo Capability	- Nominal container load: Minimum 336 TEU @ 18 tonnes

Specifications are provided in good faith, subject to change, and without liability for errors or omissions

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INTERNAL ARRANGEMENT

Hull Subdivision	- Ballast tanks - Cofferdams - Machinery space
Machinery Space	- Contains auxiliary machinery, sea chest valves, switchboard, and pipelines
Access	- Two forward deckhouses (port & starboard) with watertight door access
Deckhouse Facilities	- Starboard deckhouse: Deck store - Port deckhouse: Office with workstation

MOORING & ANCHORING EQUIPMENT

Mooring System	- 4 self-tensioning mooring winches - Warping drums with bitts & fairleads
Bow	- 2 anchor windlasses / self-tensioning mooring winches
Stern	- 2 self-tensioning mooring winches
Towing Arrangement	- Smit towing brackets - Class-approved ocean towing haws forward - Stern towing brackets with chains - Emergency towing bridle aft capability

FENDERING

Fixed Fender system

FIRE FIGHTING & SAFETY EQUIPMENT

- Fire pump
- Fire-fighting equipment
- Safety equipment

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