



SEABOATS

MARINE BROKERS WITH A GLOBAL APPROACH

AUSTRALIA - BULGARIA - INDIA - INDONESIA - ITALY - MALAYSIA - NEW ZEALAND - PANAMA - PHILIPPINES - SINGAPORE - SPAIN - UK - USA - VENEZUELA - VIETNAM

sales@seaboats.net - www.seaboats.net

10000T LCT Deck Barge



Listing ID - 4217

Description 10000T LCT Deck Barge

Date 2016

Launched

Length 109.8m (360ft 2in)

Beam 27m (88ft 6in)

Draft 4.90m (16ft)

Location China

Broker Franklin Taylor

franklin.taylor@seaboatsbrokers.com

+64 27 276 5383

Price USD 4.4 million

This ship is a deck cargo ship driven by stern engine, bulbous nose post, double engine and double propeller, double rudder and diesel engine. The ship has a first floor at the bow and four deckhouses at the stern, and is equipped with BRC Semi-automatic cabin. The middle area is a single-deck and single-bottom longitudinal framing structure, and the fore and aft areas are a single-deck and single-bottom transverse framing structure. This ship ships bulky and general dry general cargo and bulk cargo. Use the vehicle to disembark and disembark the vessel through the bow ramp when loading and unloading cargo. All cargo loading and unloading is completed, and when the ship is ready to sail, it should be ensured that all loading and unloading vehicles have safely left the ship through the ramp. During the voyage of the ship, no one loading and unloading vehicle is allowed to stay in the loading area. At the same time, the ramp should be raised with each side armor. The board room is sealed and locked, and corresponding sound and light alarm facilities are provided in the cab. The navigation area of this ship is the sea navigation area. B-Class ice area strengthening. The ship is loaded 20' (1CC) container total 216 TEU.

Ship Type: Deck Cargo Ship

Built: 2016

Classification Society: China Classification Society

LOA: 109.8m

LWL: 99.96m

Length between Two Columns: 97.56m

Upper Deck: 100.72m

Width: 27m

Depth: 6.80m

Draft: 4.90m

Deck Beam Arch: 0.15m

Completed Cargo Capacity: 8037t

Minimum Sailing Draft: 4.142m

Speed: 8.5 knots

GT: 5192

NT: 2907.9

Cabin Capacity

Forepeak and Ballast Tank: 455.74 m³

Stern adjustment tank (P/S): 23.01 m³

Stern ballast tank (P/S): 92.51 m³

Cooling water tank (P/S): 31.20 m³

NO1 Ballast tank (P/S): 545.07 m³

NO2 Ballast tank (P/S): 611.47 m³

NO3 Ballast tank (P/S): 612.19 m³

NO4 Ballast tank (P/S): 610.51 m³

NO5 Ballast tank (P/S): 570.50 m³

Heavy Oil Tank (P/S): 146.06 m³

Diesel Tank (P/S): 73.03 m³

NO1 Fresh water tank (P/S): 222.99 m³

NO2 Fresh water tank (P/S): 73.03 m³

Propulsion Device

Host Model: 6320ZCd – 4 (Guangzhou Diesel Engine)

Calibration Power: 1324 KW x 2

Rated Speed: 500r/min

Gearbox Model: MG45.49

Speed Ratio: 2.551:1

Freeboard

The ship's actual summer freeboard 1918mm, satisfying our country 2011 Statutory Survey of Ships and Offshore Installations Statutory Survey Rules for Sea-going Vessels) and 2012 Annual revision notice to B ship requirements.

Complete Stability

The intact stability of the ship under various typical working conditions satisfies the requirements of our country 2011 Statutory Inspection Regulations for Ships and Offshore Installations (National Statutory Survey Rules for Sea-going Vessels) and 2012, 2014 requirements for self-propelled deck cargo ships in annual repair notification.

Damage Stability

The ship's damage stability meets the requirements of our country 2011 Statutory Survey of Ships and Offshore Installations rules) and 2012 Requirements for self-propelled deck cargo ships in annual repair notification.

Layout

Watertight Bulkhead Setting

The whole ship is provided with watertight transverse bulkheads 7road, located in FR3, 28, 52, 76, 100, 124, 152.

Main Hull Arrangement

Below the main deck: Stern—FR3The upper is the steering gear room, and the lower is the stern ballast water tank.FR3-28is the cabin, whereFR3-9 below the platform are the cooling water tank and the stern adjustment water tank, respectively.FR20—28On the platform is the centralized control room. FR28-52Left and right are the fifth ballast water tank, in the middle from tail to firstNO2Diesel tanks, heavy oil tanks and empty tanks.FR52—76. The left and right are the fourth ballast water tank, the middle From last to first, the order isNO1Diesel tanks, void tanks and fresh water tanks. FR76-100The left and right are the third ballast water tanks, and the middle is empty cabin.FR100—124 The left and right are the second ballast water tanks, and the middle is the empty tank.FR124—152 The left and right are the first ballast water tank, the middle Pump room for emergency fire.FR152—The bow is the forepeak cabin. Below the deck of the first floor: the left and right are the sail cable compartment and the anchor chain compartment.

Deckhouse Layout

Main deckhouse: furnished with kitchen, dining room,CO2Room, toilet, storeroom and crew room.

Crew Deck Room: equipped with stairs, toilets, bathrooms and crew rooms.

Captain's deck house: equipped with stairs, toilets, captain's room, spare room, meeting room and owner's room.

Driving deck house: battery room, toilet and driving cab are arranged.

Hull Structure

Structural Form and Welding

The middle deck, side and bottom of this ship are of longitudinal framing type.3Road longitudinal wall. The stern and engine room decks adopt longitudinal framing type, and the deck in the forepeak area adopts transverse framing type. Fore and aft and cabin. The broadsides are of transverse framing structure. The head and tail adopt a single-layer bottom structure. The main components of the hull are to be kept continuously connected, and compensation and reinforcement are to be made in case of unavoidable disconnection. Any strength member, in case of pipelines or cables passing through, manholes or other functions, the size of the openings should meet the requirements of the specification. Outer panels and other strong structures All openings of the fittings shall have smooth rounded corners, and the bottom tank and other openings shall be provided with thickened plates or cladding plates. The water flow holes, ventilation holes, notches where frames pass through the members and the type of structural joints on the ship's members are to be in accordance with the relevant standards. Ready for construction. All welding surfaces should be clean, dry, free of chips, oxides, grease, impurities, and the edge of the plate should be meet specification requirements. Prefabrication and automatic/semi-automatic welding should be used as far as possible for hull construction, flat welding should be used as far as possible for manual welding, and component assembly should be It should not be forced to form to avoid large internal stress and deformation in the component. If the welding groove or the assembly gap is too large, it must be repaired timing, the surveyor's consent is to be obtained. All welds are welded according to the specifications. Before manual back-sealing welding on the back of the welds, the grooves should be planed and whitened. The welds should be thoroughly cleaned and Remove slag, avoid slag inclusions, undercuts, pores and other welding defects, and all fine and rough welds should be polished smooth. Before the welding operation, it is to be proved that the chemical composition of the primer has no adverse effect on the welding quality, and it is to be reported to the surveyor for accuracy. Welds in important and critical parts shall be X Light, ultrasonic and other non-destructive testing methods to check the internal quality of welds, In case of defects, it must be repaired, and it should be re-inspected after repairing.

Materials And Structural Dimensions

The structural material of the main hull adopts the marine steel approved by the classification society, unless it is marked as CCS—Agrade steel. The deckhouse is of steel structure, the frame type is transverse frame type, the front end, side wall and inner wall of the deckhouse are all vertical. The plate structure type of the straight stiffener.

Outfitting Equipment

Anchoring Equipment

First Anchor: with 3 only Speck anchors, each heavy 4050 Kg, in 1 For backup only.

Anchor Chain: Equipped with Welding Anchor Chain AM3-Ø50(GB/T 549-1996), long 600 m.

Anchor Winch: with Ø 50 Single-side hydraulic mooring and anchor lifting machine 2 table, left and right 1 Only.

Mooring Equipment

Mooring Line: with eight-strand polypropylene cable 4 root, with a diameter of 52 mm, each length 180 m

Mooring Winch: with 50 KNElectric mooring winch 2 tower.

Rudder Equipment

Rudder blade: with streamline balance rudder 2 only, the area of each rudder blade is 7.94 m², the balance coefficient is 0.24, the thickness ratio is 0.15. The rudder area coefficient is 0.032, the aspect ratio is 1.29.

Servo: with 250 KN. M hydraulic steering gear 1 Taiwan (dual rudder).

Fire-fighting and Life-saving Equipment

CO₂ Fire extinguishing system: Engine Room and Engine Room Shafts CO₂ Fire extinguishing system protection.

Fire Equipment:

5kg dry powder fire extinguisher: 2 tools

9 Liter Foam Fire Extinguisher: 20 tools

45 Litre cart-type foam fire extinguisher: 1 tower

Portable Foam Gun: 1 tower

5 Kilogram CO₂ fire extinguisher: 5 tools

Fire Hose and Water Gun: 11 only

Firefighter Equipment: 2 sets

Life-saving Equipment

Life Jacket (with life jacket light): 16 pieces

Life Jacket: 12 pieces

Lifebuoy with self-igniting light: 4 only

Lifebuoy with lifeline: 4 only

15 Man self-righting throwing life raft: 2 only

Totally Enclosed Lifeboat: 1 ship

Red Light Parachute Signal: 12 pieces

Lifesaving rope thrower: 4 tool

Emergency Escape Breathing Apparatus: 7 tool

Lifebuoy with self-igniting light and smoke signal: 2 only

Ride the rope ladder: 2 departments

Totally enclosed lifeboat and rescue boat: 1 ship

Navigation Signal Equipment

Navigation Equipment

Marine Radar: 1 station

Echo Sounder: 1 set

Satellite Navigator: GPS 2 sleeve

Tail Shaft Tachometer: 2 set

Rain and Snow Remover: 2 Only

Rudder Angle Indicator System: 2 set

Electric Tachometer: 2 set

Air Flute: 1
Magnetic Compass: 10only
AIS system: 1set
Electronic Chart: 1table
Gyro: 1desk
Autopilot: 1set

Signal Equipment
Anchor Light: 2 lamp
Mast Light: 2 light
Stern Light: 1 lamp
Sidelight: 2 lamp
Signal Light: 6 cup (of which 2 out of control light)
Portable daylight communication flash: 1 cup
Medium Flute: 1 only
Large Clock: 1 only
Large Sphere: 3 only
The Chinese flag (4 No): 4 face
International signal flag (4No): 1set of hand flags 1 vice

Radio Equipment
Medium / high frequency radio station: 1Set
VHF radiotelephone: 1 Sleeve
Nevotes Receiver: 1set
Guard Star Emergency Beacon: 1station
Radar Transponder: 2two-way
VHF radiotelephone for survival craft: 3one
Walkie-talkie: 3Only

Anti-corrosion Device

In addition to brushing with effective paint, the immersed surface of the steel hull of this ship is also provided with anti-corrosion zinc blocks to protect the outer surface of the underwater part of the hull. plate to prevent corrosion, sacrificial anode protection for years 3year.

Fixed Water Fire Extinguishing System

Water fire protection system by 2 fire pump and 1It consists of an emergency fire pump, and the deck fire main is connected to the emergency fire pump.
Fire water is also used for deck cleaning and anchor and anchor chain washing.
The lowest part of the fire main on the main deck is provided with a drain cock.
The ship is equipped with international shore connection that meets the requirements of the specification.
There is an independent emergency fire pump subsea valve box in the emergency fire pump room, and a compressed air flushing pipe is installed on the subsea valve box.

Fixed Fire Detection and Fire Alarm System

Fire Alarm
To set up a regional automatic fire alarm 1Set, the controller is located in the cab.
Manual alarm buttons shall be provided at the exits of each deck and near the stairs (waterproof manual buttons shall be provided at the waterproof places)
Smoke detectors are installed in inner walkways, stairways, and various machine spaces, and the detectors in engine rooms and other places need to be equipped with waterproof bases.

The power is supplied by the emergency switchboard and the low-voltage charging and discharging board respectively.

CO2 Cast Alarm

Cabin CO2 The release and alarm control box is located in CO2 The control box should have the function of power loss and leakage alarm.

CO2 Air operated release valve with pre-alarm 20 seconds function. CO2 When the remote control station and release valve are opened, cut off the wind of the whole ship first oil pump.

CO2 The alarm power is supplied by the charging and discharging board DC24V power supply.

General Alarm

Set up a general alarm system 1 set, the general alarm control panel is set on the driving console, and the CO2 The room is equipped with an alarm remote control station. In each all spaces easily accessible by deck personnel are provided with alarms, and sound and light alarms are provided in engine rooms, steering gear rooms and other spaces with high noise.

After the fire alarm device sends out a fire alarm signal, if it does not attract people's attention for two minutes, it will automatically turn on the general alarm signal. Alarm system, send out sound and light alarm signal.

Restricted Use of Combustible Materials

Enclosures of corridors and stairways, and exposed surfaces of ceilings in living spaces, service spaces (except saunas) and control stations Surfaces, as well as surfaces and linings in concealed or inaccessible places in accommodation spaces, service spaces and control stations, shall have low flame spread.

Paints, varnishes and other finishes used for exposed surfaces should not generate excessive fumes and toxic substances.

Deck base coverings used in accommodation spaces, service spaces and control stations are to be resistant to fire at high temperatures. Approved materials that generate fumes and toxic substances or explosion hazard.

Machine Equipment

Host

Type: four-stroke, water-cooled, direct injection, exhaust gas turbocharged, inter-air cooling

Maximum Continuous Power: 1470kW

Rated Speed: 525r/min

Number of Cylinders: 6

Bore × Stroke: 320×440mm

Fuel Consumption Rate: 191g/kW.h

Oil Consumption Rate: 1.2g/kW.h

Fuel: Heavy oil (180 cSt/50 °C)

Start Mode: Compressed air start

Gearbox

Model: MG45.49

Speed Ratio: 2.551:1

Main Diesel Generator Group

Model: CCFJ90J-WJ

Diesel Engine

Model: TBD226B-6CD1

Type: Upright four-stroke, direct injection, water-cooled

Continuous power: 120 KW

Start mode: DC24V

Dynamo

Model: TFHX-90

Power: 90kW

Voltage: 400V

Frequency: 50Hz

Parking Generator Set

Model: CCFJ50J-WJ

Diesel Engine

Model: TBD226B-4CD

Type: Upright four-stroke, direct injection, water-cooled

Continuous power: 60 KW

Start mode: DC24V

Dynamo

Model: TFHX-50

Power: 50kW

Voltage: 400V

Frequency: 50Hz

Heat Transfer Oil Waste Gas Heater

Working medium: heat transfer oil

Exhaust gas heater heat exchange area: 40m

Oil Supply Unit

Model: HY-02SS

Applicable host power: 2×1103Kw

Fuel Oil Separator

Effective separation volume: 1000l/h

Heating medium: hot oil

Power: 1.5Kw

Oil Separator

Effective separation volume: 1000l/h

Heating medium: hot oil

Power: 1.5Kw

Fuel Transfer Pump

Flow: 5m³/h

Discharge pressure: 0.33Mpa

Motor power: 2.2kW

Oil Transfer Pump

Flow: 5m³/h

Discharge pressure: 0.33Mpa

Motor power: 2.2kW

Main Engine Lubricating Oil Backup Pump

Flow: 39m³/h

Pressure: 0.5Mpa

Motor power: 15kW

Main Engine Oil Extraction Backup Pump

Flow: 45m³/h

Pressure: 0.5Mpa

Motor power: 15kW

Gearbox oil reserve with a pump

Flow: 12m³/h

Pressure: 2.5Mpa

Motor power: 11kW

Host Seawater Backup Pump

Displacement: 100m³/h

Pressure: 0.18Mpa

Motor power: 11Kw

Host Fresh Water Backup Pump

Displacement: 100m³/h

Pressure: 0.18Mpa

Motor power: 11Kw

Bilge Transfer Pump

Displacement: 8m³/h

Pressure: 0.21Mpa

Motor power: 3Kw

Oil Residue Pump

Model: CS-32Y

Flow: 2.4 m³/h

Indenter: 0.25 Mpa

Tail Pipe Oil Hand Crank Pump

Model: CS-32Y

Flow: 2.4 m³/h

Indenter: 0.25 Mpa

Air Compressor Unit

Model:WF-0.6/3

Type: vertical, air-cooled

Pressure: 3Mpa

Displacement: 36m³/h

Motor power: 7.5kW

Main Start Air Bottle

Model: A0.5-3.0 CB/T493-1998

Miscellaneous Air Bottle

Model: A0.10-1.0 CB/T493-1998

Pneumatic Quick Closing Control Valve Box

Cylinder volume: 30L

Working pressure: 1MPa

Bilge, Ballast Pump

Type: vertical self-priming pump

Model: 100CLZ-18.5

Flow: 100m³/h

Head: 20m

Motor power: 11KW

Fire Pump

Type: Vertical centrifugal pump

Model: CISG80-200A

Flow: 47m³/h

Head: 44m

Motor power: 11kW

Emergency Fire Pump

Model: 80CWY-55

Flow: 60m³/h

Head: 55m

Diesel Engine Power: 20kW

Combined sea and light water pressure tank

Model: ZYG(S)-0.4

Volume: 0.4m³

Working pressure: 0.4MPa

Motor power: 2.2kWx2

Cabin Fan

Model: JCZ-100A

Air volume: 48000m³/h

Full pressure: 665Pa

Motor power: 15kW

Oil Sewage Separator

Model: ZYFM-0.5

Handling capacity: 0.5m³/h

Separation effect: <15PPM

Power consumption of the whole machine: 3.5kW

Domestic Sewage Treatment Device

Model: WFCB-15

Type: biochemical treatment

Machine power: 2.3kW

Carbon Dioxide Fire Extinguishing Device

36 bottles (68L)

36 bottles are all used for engine room protection, of which 2 bottles (68L) are used for boiler protection

Cabin Lifting Hand Pull Monorail

Model: WA1

Lifting weight: 1t

Lifting height: 12m

Bench Drill Press

Model: Z512-2

Maximum drilling: $\phi 20\text{mm}$

Motor power: 0.6KW

Grinder

Specifications: ST-200

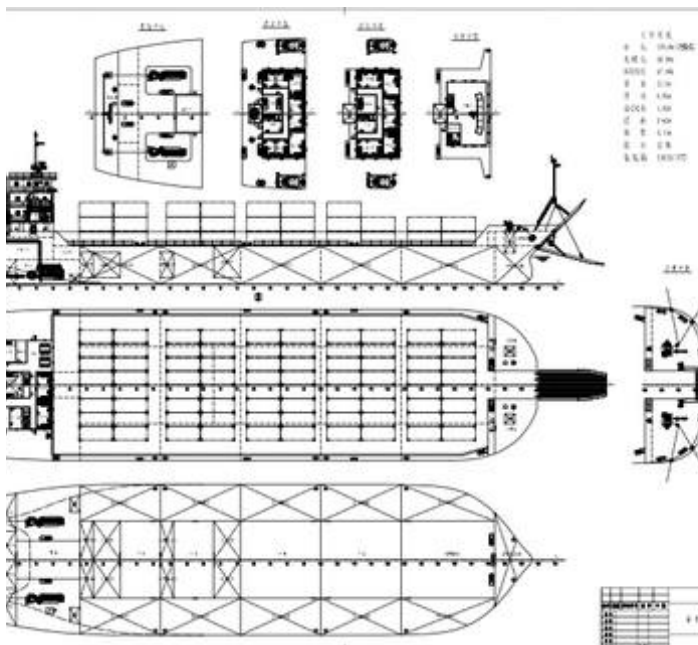
Power: 0.6KW

Vise

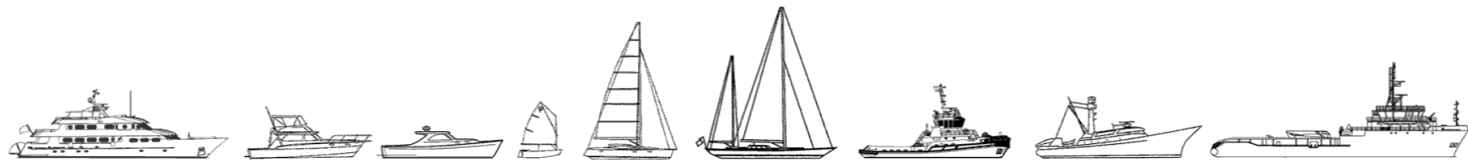
Jaw Width: 250mm

Host Remote Control

Model: Electric HTC1100-E10



The details of all vessels are offered in good faith but we cannot guarantee or warrant the accuracy of this information nor warrant the condition of the vessel. Any buyer should instruct their agents, or their surveyors, to investigate such details as the buyer desires validated. This vessel is offered subject to sale, price change, location or withdrawal without notice.



AUSTRALIA - BULGARIA - INDIA - INDONESIA - ITALY - MALAYSIA - NEW ZEALAND - PANAMA - PHILIPPINES - SINGAPORE - SPAIN - UK - USA - VENEZUELA - VIETNAM