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50.80m Floating Crane Vessel



Listing ID - 3936

Description 50.80m Floating Crane Vessel

Date 2020

Launched

Length 50.80m (166ft 8in)

Beam 19.80m (64ft 11in)

Draft 1.414m (4ft 7in)

Note 1536t

Location China

Broker Franklin Taylor
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Price USD 3.22 million

Type of Vessel: Floating Crane Vessel

Date of Keel: July 28, 2019

Date of Construction: Mar 25, 2020

Builders: Taizhou Zhetai Shipbuilding Factory

Navigation Area: Coastal

Self-sail main engine 1000hp + 1000hp Yuchai

Crane Model: FQ5038

Designed Lift Capacity

Grab size 26 cbm

Estimated Transshipment Speed 2500t per hour

LOA: 50.80m

Length: 48.10m

Length of Full Loading Waterline: 48.90m

Breadth: 19.80m

Depth: 3.60m

Light Draught: 1.414m

Full-load Draught: 1.700m

Full-load Displacement: 1536t

Light Displacement: 1271t

Gross Tonnage: 1438T

Net Tonnage: 431T

Operation Area: A1+A2

Hull Material: Steel

Deck Material: Steel

No. of Deck: 1

No. of Watertight Bulkhead: 5

Anchor Equipment

Anchor

No.1: Bow Anchor

Type: Speke Anchor

Weight (kg): 2460

No.2: Bow Anchor

Type: Speke Anchor

Weight (kg): 2460

Anchor Windlass

Name: Right stern anchoring winch

Type: YJ-50

Power (kw): 22

Builder: XINGHUA BOPING SHIP MACHINERY CO. LTD

Name: Right stern anchor windlass

Type: YM36-2-45

Power (kw): 18.50

Builder: XINGHUA BOPING SHIP MACHINERY CO. LTD

Name: Left Bow anchoring winch

Type: YJ-50

Power (kw): 22

Builder: XINGHUA BOPING SHIP MACHINERY CO. LTD

Name: Left Bow anchor windlass

Type: YM36-2-45

Power (kw): 18.50

Builder: XINGHUA BOPING SHIP MACHINERY CO. LTD

Anchor Chain

Name: Right Bow anchor chain

Diameter (mm): 36

Length (m): 192.50

Material: Steel

Name: Left bow anchor chain

Diameter (mm): 36

Length (m): 220

Material: Steel

Rudder Equipment

Number of Rudder: 2

Type of the Main Steering: Mechanical hydraulic

Right Steer

Area m2: 2.48

Rudder Diameter (m): 140

Rudder Material: 25#

Left Steer

Area m2: 2.48

Rudder Diameter: 140

Rudder Material: 25#

Main Steer Equipment

Name: Main Steering Machine

Model: DYA-63/28S

Torque (KN.M): 63

Manufacturer: XINGHUA BOPING SHIP MACHINERY CO. LTD

Fire-fighting Equipment

Fire Hydrant: 7

Water Gun: 7

Fireproof Control Diagram Placement: Deck

Fire Extinguisher: 28

Portable Foam Gun: 2

Fireman Outfits: 1

Barrel: 4

Ax: 2

Sand Box: 4

Water fire extinguishing system

Fire Pump Type: Main fire pump

Model: 80CWZ-9.9

Displacement (): 60

Head (MPa): 0.42

Quantity: 2

Position of Installation: Engine Room

Fire Pump Type: Emergency

Model: 65CW40

Displacement (): 30

Head (MPa): 0.40

Quantity: 1

Position of Installation: Emergency Fire Pump room

Other fixed fire extinguishing system fire extinguishing agent container

Fire extinguishing container volume (m³): 0.068

Hydrostatic test pressure (MPa): 24.50

Quantity: 10

Fire Detection Alarm

Name: Quantity

Temperature Detector: 9

Smoke Detector: 8

Universal Alarm: 11

Life-saving Equipment

Total number of Crew: 15

Life Jacket: 15

Life Raft: 15

Lifebuoy: 15

Navigation Equipment

All equipped

GPS

Search Light

Radar

Compass

Clock

AIS

Probe hammer

Magnetic compass

Rudder Angle indicator

Echo sounder

Tilt indicator

Telescope

Searchlight

Propeller indicator

Part of Engine

Self-sail Main Engine: 1000HP + 1000HP Yuchai

Nos.: 2

Type: Diesel engine

Date of Manufacturing: 2019

Builder: Yuchai

Oil-water separator equipped

Domestic sewage treatment unit equipped

Gear Box

Rated Transmission Capacity: 0.44000

Reduction Ratio: 5.5:1

Shafting

Propeller Shaft

Diameter (mm): 185

Material: 35#

Quantity: 2

Intermediate Shaft

Diameter (mm): 170

Material: 35#

Quantity: 2

Propeller

Left Propeller

Diameter (mm): Fixed

Material: Cast Steel

Diameter (mm): 2000

Right Propeller

Diameter (mm): Fixed

Material: Cast Steel

Diameter (mm): 2000

Air Bottle

Left Propeller

Capacity (m³): 0.25

Quantity: 1

Usage: Auxiliary startup

Design Pressure (MPa): 3.30

Work Pressure (MPa): 3

Hydrostatic Test Pressure (MPa): 4.95

Maker: Shandong Haomai Machinery Manufacturing Co. Ltd

Make Year: May 2019

Capacity (m³): 0.10

Quantity: 1

Usage: Miscellaneous

Design Pressure (MPa): 3.30

Work Pressure (MPa): 3

Hydrostatic Test Pressure (MPa): 4.95

Generator Equipment

No.1 Generating Set

Quantity: 1

Rated Power (kw): 1250

Rated Speed (r/min): 1000

Current: AC 2255.00A

Rated Voltage (V): 400

Type of Motive Machine: CW6250ZLD

Quantity: 1
Rated Power (kw): 1470
Rated Speed (r/min): 1000
Type of main power distribution board: Vertical
No. of distribution board screen: 1

No.2 Generating Set
Quantity: 1
Rated Power (kw): 50
Rated Speed (r/min): 1500
Current: AC 90.20A
Rated Voltage (V): 400
Type of Motive Machine: VR4105ZCD2
Quantity: 1
Rated Power (kw): 58
Rated Speed (r/min): 1500
No. of distribution board screen: 2

No.3 Generating Set
Quantity: 1
Rated Power (kw): 75
Rated Speed (r/min): 1500
Current: AC 135.30A
Rated Voltage (V): 400
Type of Motive Machine: WR6105ZLCD1
Quantity: 1
Rated Power (kw): 88
Rated Speed (r/min): 1500
Type of main power distribution board: Vertical
No. of distribution board screen: 2

Radio Equipment

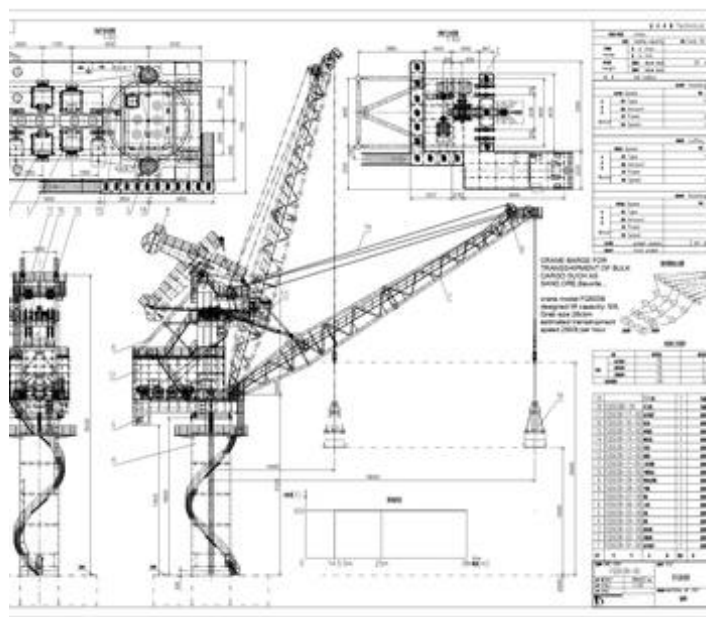
VHF Radiotelephone
Model: FT-805
Type of Working: G2B
No. of Equipment: 190603232
Output Power: 25
Frequency Range (Channel): T:156.025-157.425 R 156.025-163. 275MHz
DSC Model: Built-in

MF/HF
Model: FT-7500
Type of Working: J3E, H3E, F1B
No. of Equipment: 182100418
Output Power: 150
Frequency Range (Channel): T: 1.605-27.5, R 0.5-29.9999MHz
DSC Model: Built-in

Other Equipment

Navtex receiver
Emergency position indicating radio beacon

Search and rescue radar transponder



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