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NEW BUILD - 320 DWT Bunker Barges



Listing ID - 1265857

Description NEW BUILD - 320 DWT Bunker Barges

Length 23.9m (78ft 4in)

Beam 9.8m (32ft)

Draft 2.65m (8ft 8in)

Location China

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Price USD 1.12 million

LOA: 23.9m

LWL: 23.5m

LBP: 22.7m

Beam: 9.8m

Depth: 3.65m

Design Draft: 2.65m

Capacity of Cargo holds: about 337.52m³

DWT: about 326.6t

M/E: NT 855-M, 216kW x 2

Speed: 10 knots

Crew: 6 persons

Class: CCS

CSA Oil tanker, FP>60-degree C

30-nautical mile limit voyage or plying within the port (Singapore)

CSM

Period: 10 months

Type of Ship

The vessel is designed and built as all-welded steel structure, with single deck, single hull, double bottom and aft engine type. There are one deck houses above the aft upper deck and 6 cargo oil tanks. The vessel is a product oil / bunkering (fuel oil supply) tanker driven by two diesel engines with twin screws and twin rudders.

Navigation Area and Purpose

The vessel is of coastal navigation and designed to carry and supply product oil of flash point > 60

Class, Rules and Regulations

Class and Flag

The vessel is to be classed with CCS and shall get the following class notation:

CSA OIL TANKER, FP>60°C, 30-NMILE LIMIT VOYAGE OR PLYING WITHIN THE PORT(SINGAPORE), CSM

Flag: Singapore

Length O.A. 23.92m

Breadth Mld. 9.80m

Depth Mld 3.65m

Dead weight about 310t

Length water line 23.50m

M.E. type NTA855-M 2 sets

Length B.P. 22.70m

Power rated 261×2 kW

Service speed about 10.0 kn

Navigation areas Coastal area

Designed draft 2.65m

Complement 6 persons

Height between Decks

Upper Deck to Roof Deck 2.40m

Roof Deck to Compass Deck 1.20m

Frame spacing: 0.60m

Height of Double Bottom: 0.80m

Complement: 6 persons

Capacity

Cargo oil tankers about 337.52m³

Diesel oil tanks about 14.68 m³

Fresh water tanks about 12.52 m³

Tonnage

Tonnage is calculated in compliance with International Convention on Tonnage Measurement of Ships (1969).

Gross Tonnage (GT) 210

Net Tonnage (NT) 79

Deadweight

The deadweight shall be 326.6t at design draft and density of water is 1.025t/m³, the actual maximum deadweight is to be determined after the inclining test.

Main Engine

Model: NT855-M, two sets Rated power: 261X2 kW Rated speed 1800 r/min

Gearbox

Model 300 Reduction ratio 4.94:1

Propeller

The type of propeller is MAU--4 diameter is 1.40m, and the materials of propeller is Cu4 manganese aluminum bronze.

Speed, Endurance and Self-supportability

Service Speed

At designed draft of 2.65m with clean bottom, calm deep water, wind force less than Beaufort scale 3, 5% of the sea wave margin and the main engines running at 90% of the maximum continuous power the service speed is approximately 10.0 knots.

Endurance and Self-supportability

The endurance is 50 hours when wind force is less than Beaufort scale 3, the main engines run at 90% of the maximum continuous power and the service speed is 10.0 knots The self-supportability shall be 100 hours.

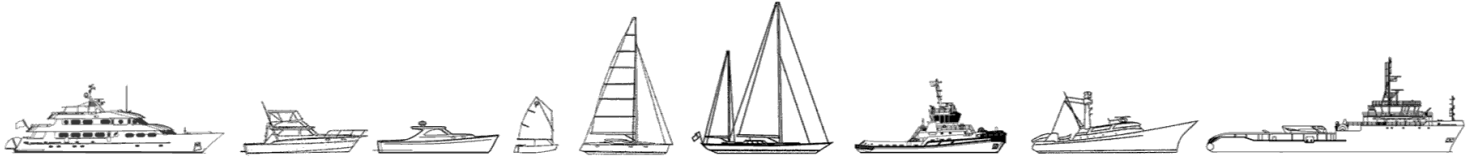
Freeboard and Stability

The freeboard is to be 1008mm at designed draft of 2.30m, complying with minimum freeboard of chapter 179, section 143 of 'Merchant Shipping Act'.

This calculation shall be checked according to the stability requirement for cargo ship by Commercial ship law 179 of Singapore and International Code on Intact Stability, 2008, as contained in IMO Resolution MSC.267(85) ...



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.



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