

13,000 DWT DP2 Offshore Deck Cargo Ship



The vessel is designed with diesel-electric azimuth drive propulsion system for efficiency maneuverability and lower fuel consumption. It is installed with DP2 and has a heavy deck load design of 20T/M2 with point loads of up to 300T.

Specifications

Length: 158.00m

Breadth: 28.20m

Breadth (Deck): 36.00m

Depth: 9.00m

Max Designed
Draft: 5.60m

Deck Strength: 20MT/M2

GRT/NRT: 10,835/ 3,250

Deadweight: 13,592T

General Specifications

GENERAL

Port of Registry/Flag	Yangpu
Official Number	396258
Class	CCS
Notation	+A1, Circle E, Offshore Support Vessel, +AMS, +ACCU, + DPS-2
Built	2011, CCCC Bomesc Marine Industry Co., Ltd

MAIN PARTICULARS:

Length BP	148.40 m
Beam moulded	28.20 m
Main Deck Width	36.00 m
Draft scantling	5.80 m

PERFORMANCES:

Speed @ design draft	about. 11.0 knots
Endurance	about. 21,000 miles

ACCOMMODATION:

Captain / CE / Officer Cabin with Dayroom	3 rooms
Ordinary Class Single cabin	17 rooms

DECK CARGO CAPACITY:

Deck cargo space	4,200 m ² (max L: 136m, W: 36m)
Cargo deck design load	20t/m ²
Cargo deck point load	trans. BHD & longl. BHD cross point 300t trans. BHD & longl. girder cross point 250t longl. BHD & deck web cross point 200t deck web & longl. Girder cross point 90t

PROPULSION & GENERATION:

Stern Azimuth Drive	2 x 2,500kW
Bow Thruster	2 x 1,120 kW
Main Generator	4 x 1,800 kW, 690V/3Ph/60Hz
Auxiliary Diesel Generators	2 x 820 kW, 690V/3Ph/60Hz
Emergency Diesel Genset	1 x 150kW, 440V/3Ph/60Hz

TANK CAPACITY (APPROX):

Potable Water	800 m ³
Fuel Oil	4,000 m ³ (fully double hulled)
Drill Water	3,500 m ³
Ballast Water (incl. drill water)	14,000 m ³

*** This vessel specification is given in good faith & assumed to be correct. Details given are without guarantee.*

*** Owners reserved the right to amend the specifications without notification.*

General Specifications

ENGINE ROOM MACHINERY

Fuel Transfer Pump	2 x 18.0m ³ /hr @ 30m head, horizontal gear c/w safety valve
Sewage Transfer Pump	1 x 10m ³ /hr @ 50m head, horizontal self priming centrifugal pump
Bilge, Ballast & Fire Pump	2 x 175m ³ /hr @ 80m head
Dedicated Ballast Pumps	4 x 1,000m ³ /hr @ 37m head
Drill Water cargo Pumps	1 x 200m ³ /hr @ 90m head
Fresh Water Cargo Pump	1 x 127m ³ /hr @ 90m head
Fuel Oil Cargo Pump	1 x 150m ³ /hr @ 90m head
Life Saving Equipment	Life Saving Equipment (1x lifeboat 20 pax, 2 x liferaft 20 pax) are installed in accordance with class and statutory requirements
Fire Fighting Equipment	Fire Fighting Equipment are installed in accordance with class and statutory requirements
Communication Equipment	Vessel shall comply with SOLAS and subsequent amendments, current GMDSS requirements of regulations governing the requirements relating to communications equipment onboard.

DECK MACHINERY

Anchors	2 x stockless anchors @ 6,450kg each
Chain Cables	2 x Dia. 62mm Grade 3 Stud-Link Chain, Total Length – 605m.
Mooring Lines	4 x 220m long polypropylene ropes of min. 43 tonne breaking strength
Anchor Windlasses/ Winches	2 x electro-hydraulic, gypsy Pull: 18t x 9m/min. Duty Pull: 12t x 12m/min. Light line speed: 15m/min
Crane	1 x Provision Crane @ SWL 0.98t at outreach 7m. Full load hoisting speed 10m/min.

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