



	2,800 m ²
Deck Area	
	1200 Tonnes
Crane	
	2x EVO XLX 150HP
ROV	
	264 Persons
POB	
	500 T Nom / 640 T max
Deck-Cargo	

AFRICAN CHINA GLOBAL 1200

Vessel Summary

AFRICAN CHINA GLOBAL 1200 is an S-Lay heavy-lift and pipelay vessel.

- S-Lay heavy-lift and pipelay vessel
- 1,200 Te main crane with 900 Te revolving capacity at 32m outreach
- Full S-Lay pipelay spread with a 10-station firing line 4"- 60" pipe diameter
- Accommodation for 264 persons
- 500 Te nominal / 640 Te maximum tension capacity via four 125 Te tensioners (160 Te maximum each)
- 350 Te auxiliary crane and 60 Te whip line
- A&R system: 400 Te; 3,000m

Quick Facts

- DP2 pipelay and heavy-lift vessel with DP3 features
- 640 Te maximum top tension
- 400 Te A&R system
- 8-point mooring system

General Information

Name	African China Global 1200 (Zhongfeihuanqi)
Type	DP2 Kongsberg K-Pos DP-22
Role	S-Lay Heavy Lift & Pipelay Vessel
Class	ABS X A1- Derrick/Pipe Laying Vessel (E) X AMS X ACCU X DPS-2
Flag	Nigeria
IMO Number	9463815
Year Built	2010

Principal Dimensions

Length Overall	162.3m
Length Between PP	150.69m
Depth to Main Deck	16.1m
Breadth (Moulded)	37.8m
Draft (Min/Max)	5.8m / 6.6m
Max Displacement	32,550 Te

Deck Equipment and Cranes

Main Crane	1200 Te @ 32 m
Revolving Capacity	900 Te @ 32 m
Auxiliary	350 Te @ 60 m
Whip Line	60 Te @ 89 m
Pipe Handling Cranes	40 Te @35m & 9Te @54m radius Te
Free Deck Area	2,800 m2 5Te/m2 and 10Te/m2 fixed Boom(600m depth)
Variable Deck Load	4,000Te in addition to 80% consumables

Tank Capacities (100%)

Fuel Oil	2,285 Te
Fresh Water	1,435 Te
Ballast Water	11,280 Te
Endurance (days)	38 days transit 59 days DP ops 46 days pipelay

Helideck

Rated	Sikorsky S61-N, Super Puma and approval for EC225-11t
Size	Octagonal D=22.4 m, t=9.6

Power & Propulsion

Max Speed	12 knots
Main Engines	MAN (6 units) 3 x 4409 kW 3 x 3919 kW
Emergency Power Thrusters (8 total)	1000kW 2 x 4500 kW azimuth 5 x 2400 kW retractable azimuth 1 x 880kW tunnel

DP Systems

Class	DP2 with DP3 features
DP System	Converteam
Reference Systems	3 x DGPS (2 Veripos LD1, 1 C-Nav 3050) - CyScan Mk2, Radascan HPR, HiPAP 501 2 x Taut wires (Bandak Mk15B) 3 x Gyros 3 x Wind sensors, MRU-5

ROV Systems

ROVs	EVO XLX 302 & 303
Power	150 HP each
Tether / Umbilical	1200mtr

Accommodation

Capacity	264 persons
Cabins	19 single, 60 double, 31 four-person
Facilities	Hospital, gym, movie theatre, recreation rooms, Wi-Fi
Lifeboats	4 x 66-person
Life Rafts	6 x 25- person
	2 x 20-person
FRC	1 fast rescue craft

Pipelay System

Method	S-Lay
Workstations	10- station firing line
Pipe Diameter Range	4" - 60"
Tensioners	4 x 125 Te (160 Te max each)
Total Tension	500 Te nominal / 640 Te max
A&R System	400 Te
	800 Te with optional second winch
Wire sets	3,000 m x 108 mm wire
	3,000 m x 64 mm wire
Stingers	Ultra & Deepwater (78 m & 105.2m); Shallow water (38.5m)

