

# COSL 221/222/223/225

## GENERAL DATA

Year Built	2009 / 2009 / 2009 / 2010
Builder	CHINA MERCHANTS HEAVY INDUSTRY (SHENZHEN) CO LTD
Type	Accommodation Barge
Flag	Indonesia
Call Sign	J7BG9 / J7BH2 / J7BH3 / PNWF
Classification	ABS + AMS + E and BKI

## MAIN DIMENSIONS

Length Overall	99.6 m
Overall Breadth	30 m
Overall Depth	6.2 m
Draft Load	3.75 m
GRT	7197 / 7197 / 7197 / 7174
NET	2159 / 2159 / 2159 / 2152

## STORAGE & TANK CAPACITIES

Fuel Oil	1077 m <sup>3</sup>
Fresh Water	1480 m <sup>3</sup>
Drill Water	1058 m <sup>3</sup>
Deck Space	1800 sq. m (L60m x B30m)
Timber Cover Deck	1200sq. m (L55m x B20m)
Chiller	115 m <sup>3</sup>
Freezer	105 m <sup>3</sup>

## DISCHARGING RATES

Fuel	70 m <sup>3</sup> /h
Fresh / Drill Water	70 m <sup>3</sup> /h
Ballast	200 m <sup>3</sup> /h
Sea Water	70 m <sup>3</sup> /h
Fire Fighting	180 m <sup>3</sup> /h

## ACCOMMODATION & QUARTERS

Accommodation	140 men
Hospital	1 x 2men furnished meeting WHO
Mess Room	78 persons per sitting
Pray Room	2 Separate rooms

## LIFE SAVING & SAFETY EQUIPMENT

Life Raft	14 x 20 Pax
Life Jacket	280+430 Pcs
Fire Extinguisher	12 CO2 & 9 Dry Chemical Fire Ext.
Fireman Outfit	4 Set
Rescue Boat	1

## FIRE FIGHTING & ANTI-POLLUTION

Fire Water Pump	1 x 180 m <sup>3</sup> /h
Diesel Fire Water Pump	1 x 180 m <sup>3</sup> /h
Foam Tank	1000 L
Oil Dispersant Tank	1.95 m <sup>3</sup>
Spray Boom	2 x 8 m ; flow*80m <sup>3</sup> /h
Sewage Treatment Plan	200 men



## HELIDECK

Size(L x B)	25.4m x 25.4m
Lighting System	24 hrs
Open Clear Deck Space	1800sq. m(L60m x B30m)
Timber Covered	1200sq. m(L50m x B24m)
Covered Work Area	About 100sq. m
Helicopter Deck	25.4m*25.4m suitable for SIKORSKY S- 61 helicopter

## CARGO CAPACITIES

P. Water	1480 m3
D. Water	1058 m3
Diesel Oil	1077 m3
Water Maker	2 X 50 ton/day

## LIVING QUARTERS

Accommodation	140 men
Hospital	1 x 2men furnished meeting WHO
Mess Room	78persons per sitting
Pray Room	2 Separate rooms

## MACHINERY

Main Generator	3 x Cummins KTA38- D(M) 3 x 600kw(750KVA) /415v/3ph/60hz
Emergency Generator	1 x Cummins 400kw
Water Maker	2 x 50 ton/day
Welding Machine	2 x 500 A
Cutting Equipment	2 x 100 m length
Compressor	Ingersoll Rand 2 x 812 CFM @ 140 PSI
Forklift	1 unit with 3 ton lifting capacity

## MOORING EQUIPMENT

System	8 point mooring system
Weight of Anchor	8 x 10T
Mooring Cable	1?" x 1000 m
Pendant Wire	2?" x 70 m

## BARGE CRANES

Main Pedestal Crane	80MT @ 13mtr radius
Auxiliary Crane	10MT @ 30ft radius

## NAVIGATION & COMMUNICATION

Echo Sounder	F- 2000
Inmarsat F NAVTEX	NCR- 33
SART	S4
EPIRB	E5
Two- Way VHF	JHS- 770S
Air Navigation Radio Beacon	IC- 110
Air Navigation Communication Station	TS- 1B