

CSS OLYMPIA



Purpose built accommodation vessel of compact design to highest international standard and comfort.

General Description

| | |
|------------------|---|
| Year built | 2014 |
| Builder | Fujian Mawei Shipyard, PR China |
| Class | ABS |
| Class Notation | +A1, Accommodation Service, Column Stabilized Unit, Helideck, E, +AMS, +DPS-3 |
| Flag | Panama |
| Port of Registry | Panama |
| Call Sign | V7HI6 |
| IMO Number | 9650975 |
| Official Number | 5827 |

Dimensions

| | |
|-----------------|---------------------------------|
| Length over all | 84,00 m (+6.6m extension deck) |
| Beam Molded | 32,00 m (+3.6 m extension deck) |
| Operation Draft | 10,00 m – 13,00 m |
| Scantling Draft | 14.60 m |
| Air draft | 38,80 m |
| GRT | 15896 tons |
| NRT | 4768 tons |

Deck & Aux. Machinery

| | |
|------------------|---|
| Windlass forward | 2 x 20t electric mooring winch C/W, warping heads for anchors |
| Anchors | 2 x 5175 Kg HHP 1 x 5175 Kg HHP spare anchor |
| Windlass aft | 2 x 20t electric mooring winch |

Engines and Propulsion

| | |
|------------------|--|
| Engines | 6 x Rolls-Royce Bergen Diesel C25:33 L9A 2800 Kw each |
| Generator | 6 x ABB / AMG 0630MP08 LAA 3111 kVA – 690 V |
| Emergency Diesel | Caterpillar C 32 910 kW |
| Propulsion | 4 x Rolls-Royce Aquamaster US305FP 360 deg. Azimuth 3000 kW each |

Telescopic Gangway

| | |
|-------------------|---|
| Maker | Marine Aluminum |
| Type | Aluminum, free flow 3 deg freedom, supported weight |
| Length extended | 42,5 m |
| Length retracted | 30,5 m |
| Operational range | 32,5 – 40,5m |

Cranes

| | |
|---------------------|--|
| Main crane | TTS Bergen, Norway TS GPOTc 3200 – 150 - 32 |
| Capacity | 150t@12m, 20t@32m, 3t@ 45m |
| Aux. Crane Capacity | West Marine OKC 120180 12 t @ 18 m |

Performance

| | |
|--------------------|------------|
| Speed at Op. Draft | 10,5 knots |
| Transit Speed | 7,5 knots |
| Fuel Type | MDO |

Capacities

| | |
|--------------------------|--------------------------|
| Fuel Oil | 1610 m ³ |
| Fresh Water | 1310 m ³ |
| Water Ballast | 7191 m ³ |
| Deck Area original | 650 m ² |
| Deck Extension temporary | 240 m ² |
| Deck area total | 890 m ² |
| Main Deck Cargo Capacity | 5 tons/ m ² |
| Deck Extension Capacity | 1.35 tons/m ² |
| Cargo Hold | 136 + 42 m ² |

DP System - DP Class 3

| | |
|--------------------|---|
| Maker | Kongsberg |
| Type | KPOS 22 + KPOS 12 |
| Gyros | 3 x Navigat Mk I |
| VRU | 2 x Seatex MRU – 5 1 x Seatex MRU- 2 |
| Windsensors | 2 x Kongsberg GILL 1 x Lambrecht |
| Laser Reference | CyScan Multi Target |
| Radio Reference | 2 x Radius |
| DGNSS | Seatex 232+ Seatex 112 Remote station |
| Hydro- Acoustic | Kongsberg HiPAP 350 |
| Telescopic Gangway | 2 x Length sensors |

Helicopter Deck

| | |
|---------------------|---|
| Maker | Marine Aluminum |
| Diameter | 22,2 m |
| Helicopter approved | Sikorsky 91N or Super Puma |
| Fire fighting | Pop- up system + Fire fighting cannons |

Aux. Machinery System

| | |
|-------------------|--|
| Incinerator | TeamTec GS 500CS |
| Waste Compactor | Deerberg Systems MKP 80 |
| Fresh Water Maker | 3 x Danfoss Tasman Sea 75 t/ day Technical water each 2 x Danfoss Coral Sea 50 t/ day Domestic water each |
| Sewage System | 1 x DWZ JZR 400 Biomaster certified for 500 persons |

Consumption

| | |
|---------------|-----------------------|
| DP 3 | 14- 18 m ³ |
| Maximum Speed | 40 m ³ |
| Transit Speed | 25 m ³ |

Life Saving + Rescue System

| | |
|-------------------------|------------------------------|
| Davit Launch Life Boats | 4 x Jiangyin Wolong JY 117F |
| Capacity | 150 person each |
| Free Fall Life Boats | 3 x Jiangyin Wolong JY 109FF |
| Capacity | 67 person each |
| Fast Rescue Boat | 1 x Jiangyin Wolong JY 65KR |
| Capacity | 12 person |
| Work Boat | 1 x Jiangyin Wolong JYDR |
| Capacity | 6 person |
| Liferafts | 20 x Viking 25 person each |

Radio & Navigation Equipment

| |
|------------------------------------|
| GMDSS Area 3 (Worldwide coverage) |
| Maker Thrane&Thrane (Sailor) |
| 1 x Inmarsat C with GPS |
| 1 x MF/HF-DSC Radio Telephone |
| 2 x VHF-DSC Radio Telephone |
| 1 x SSC Transceiver 6 Channel DSC |
| 1 x 96nm X-band Radar 21" display |
| 1 x 96nm S band 21" display |
| 3 x VHF Portable radios |
| 1 x Magnetic Compass |
| 3 x Gyrocompass |
| 2 x DGPS |
| 1 x Autopilot |
| 1 x Duplex VHF with DSC |
| 2 x Simplex VHF 55 Channels |
| 1 x Echo Sounder |
| 1 x Anemometer |
| 1 x Weather Fax Receiver |
| 1 x Auto Telephone system |
| 1 x Sound Powered Telephone system |
| 1 x PA/Talkback System |

Accommodation

| | |
|-------------------|-------------------------------------|
| Type | Fully A/C for tropical environment |
| Berths | 451 persons |
| Single Berth | 7 cabins |
| Double Berth | 192 cabins |
| Triple Berth | 20 cabins |
| Gymnasium | 1 complete gym |
| Offices | 8 – 4x6 + 4x8 seats |
| Conference Rooms | 4 – 2x14 + 1x6 + 1 x 8 seats |
| Lounges | 5 ea. 8 persons in all living level |
| Hospital | 4 beds + 1 surgery room |
| Personnel Control | EPIC Safety card system |