

# SK MARCO POLO

**78M MAINTENANCE WORK VESSEL**  
**200 MEN | DP 2 | FIFI 1**

## VESSEL PARTICULARS

|                        |  |
|------------------------|--|
| <b>Class</b>           | ABS ✕A1 (E) SPS ✕AMS<br>Offshore Support Vessel FFV 1<br>✕DPS-2 CRC RW |
| <b>Flag</b>            | Malaysia   |
| <b>P.O.R</b>           | Port Kelang  |
| <b>Year Built</b>      | 2014   |
| <b>Builder</b>         | Xiamen Shipbuilding Industry   |
| <b>IMO</b>             | 9694074  |
| <b>Official Number</b> | 335523   |
| <b>Call Sign</b>       | 9MQR3  |

## DIMENSION

|                    |         |
|--------------------|---------|
| <b>L.O.A.</b>      | 78.00 m |
| <b>Beam</b>        | 20.00 m |
| <b>Depth</b>       | 8.00 m  |
| <b>Draft (max)</b> | 6.40 m  |
| <b>GRT</b>         | 4951    |
| <b>NRT</b>         | 1485    |

## CARGO CAPACITIES

|                        |                          |
|------------------------|--------------------------|
| <b>Deadweight</b>      | 3633 Tonnes              |
| <b>Deck Cargo</b>      | 1000 Tonnes              |
| <b>Deck Loading</b>    | 10 Tonnes/m <sup>2</sup> |
| <b>Deck Area</b>       | 750 m <sup>2</sup>       |
| <b>Fresh Water</b>     | 1168 m <sup>3</sup>      |
| <b>Drill/Bal Water</b> | 2433 m <sup>3</sup>      |
| <b>Fuel Oil</b>        | 1481 m <sup>3</sup>      |

## ACCOMMODATION

|                    |             |
|--------------------|-------------|
| <b>1 Man cabin</b> | 6x 1 (6)    |
| <b>2 Men Cabin</b> | 19x 2 (38)  |
| <b>4 Men cabin</b> | 39x 4 (156) |
| <b>Total</b>       | 200 berths  |
| <b>Hospital</b>    | 2 berths    |

## PERFORMANCE

|              |            |
|--------------|------------|
| <b>Speed</b> | 11.5 knots |
|--------------|------------|



## PROPULSION & POWER PLANT

|                        |                             |
|------------------------|-----------------------------|
| <b>Propellers</b>      | 2x 2206KW Azimuth Thrusters |
| <b>Bow Thruster</b>    | 2x 785KW, 12T Thrust each   |
| <b>Main Engine</b>     | 2x 2206KW 800 rpm           |
| <b>Main Generator</b>  | 2x 715KW, 440V3Ph60Hz       |
| <b>Shaft Generator</b> | 2x 1236KW, 440V3Ph60Hz      |
| <b>Emerg Generator</b> | 1x 150KW, 440V3Ph60Hz       |

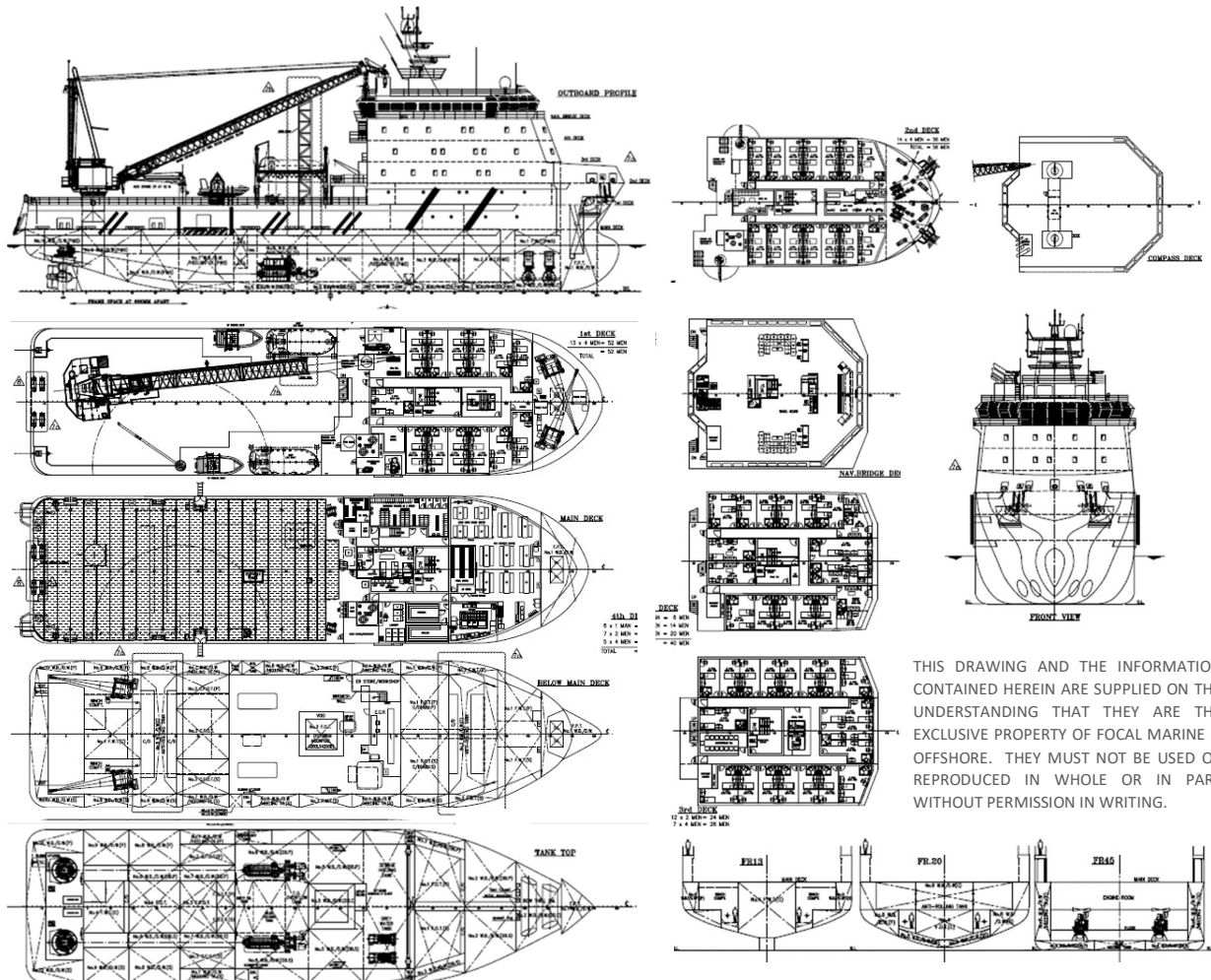
## DECK MACHINERY

|                         |  |
|-------------------------|--|
| <b>Tugger winch</b>     | 2x 10 Tonnes SWL   |
| <b>Capstan</b>          | 2x 5 Tonnes SWL  |
| <b>Provision Crane</b>  | 1x 3 Tonnes SWL @ 12 m radius  |
| <b>4 Points Mooring</b> | 4x Electro-Hydraulic Mooring Winches<br>Line pull: 50 Tonnes<br>Brake: 120 Tonnes<br>Drum cap: 1500m x 42mm dia. Wire<br>4x 5 Tonnes Delta Flipper Anchors |
| <b>Pedestal Crane</b>   | 1x 50 Tonnes @ 12 m radius<br>Boom Length: 36.6m lattice type<br>API 2C, certified for Personnel Lifting   |

## CARGO HANDLING CAPACITY

|                    |                                       |
|--------------------|---------------------------------------|
| <b>Fresh Water</b> | 1x 120 m <sup>3</sup> /hr @ 90 m head |
| <b>Drill Water</b> | 1x 120 m <sup>3</sup> /hr @ 90 m head |
| <b>Fuel Oil</b>    | 1x 120 m <sup>3</sup> /hr @ 90 m head |
| <b>Water Maker</b> | 2x 40 m <sup>3</sup> /day             |

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### NAVIGATION EQUIPMENT

Radars, Magnetic Compass, Gyro Compasses, DGPSs, AIS Autopilot, Echo Sounder, Speed Log, Navtex, Weather Fax SSAS, BNWAS, (VDR), (ECDIS)

### COMMUNICATION EQUIPMENT

GMDSS A1+A2+A3, VSAT

### FIRE-FIGHTING EQUIPMENT

**External FiFi** Pump: 2x 1700 m<sup>3</sup>/hr  
Monitor: 1x 1200 m<sup>3</sup>/hr (water/foam)  
Monitor: 1x 1200 m<sup>3</sup>/hr (water)

**Oil Dispersant** 2x 6m spray booms with nozzles

### SAFETY EQUIPMENT

**Rescue Boat** 2x 6 men Fast Rescue Boat  
118 KW in board engine, waterjet

**Lifeboat** 2x 100 men Life Boats

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