**SEA CHOTAW**

10,760 BHP / DP-2 / 148T ANCHOR HANDLING/SUPPLY VESSEL

**SPECIAL FEATURES**

- Four main Engines deliver maximum fuel economy with excellent redundancy
- All thrusters are independently driven (no shaft generators)
- True bollard pull same as max bollard pull (no shaft generator power loss)
- Twin stern rollers
- Twin sharks jaws and twin tow pins
- Contained fuel oil tank overflow system
- VSAT – unlimited internet
- Superb machinery redundancy

**REGISTRATION**

**Owner**
GulfMark Malaysia Inc.

**Manager**
GulfMark Malaysia Inc.

**Built**
Keppel Singmarine 2008

**Tonnage**
2945 GRT

**Classification**
ABS +A1, +AMS, +ACCU, +DP-2, +TCM, AH/Offshore Support & Towing

**Flag**
Malaysia

**CARGO CAPACITY**

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
<th>Details</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clear Deck Area</td>
<td>515 m²</td>
<td>1000T</td>
<td></td>
</tr>
<tr>
<td>Deck size</td>
<td>37.85 x 13.61mtrs</td>
<td>10.0 T²m²</td>
<td></td>
</tr>
<tr>
<td>Fuel Oil</td>
<td>1056 m³</td>
<td>@ 100%</td>
<td></td>
</tr>
<tr>
<td>Potable Water</td>
<td>485 m³</td>
<td>@ 100%</td>
<td></td>
</tr>
<tr>
<td>Drill Water</td>
<td>1019 m³</td>
<td>@ 100%</td>
<td></td>
</tr>
<tr>
<td>Mud</td>
<td>650 m³</td>
<td>@ 100%</td>
<td></td>
</tr>
<tr>
<td>Liquid Mud</td>
<td>650 m³</td>
<td>@ 100%</td>
<td></td>
</tr>
<tr>
<td>Brine</td>
<td>214 m³</td>
<td>@ 100%</td>
<td></td>
</tr>
<tr>
<td>Base Oil</td>
<td>215 m³</td>
<td>@ 100%</td>
<td></td>
</tr>
<tr>
<td>Dry bulk</td>
<td>260 m³</td>
<td>@ 100%</td>
<td></td>
</tr>
<tr>
<td>Rig Chain Locker</td>
<td>215 m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chain Capacity</td>
<td>3070 m</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TOWING & ANCHOR HANDLING EQUIPMENT**

- Bollard Pull: 148 T Continuous
- Line Pull: 350 T
- Winch: Triple Drum SMATCO
- Tow drum: max capacity 2976m x 76mm wire
- Tow drum: fitted with 1000m x 64 mm
- Spare wire drum P: max capacity 1524mm x 76mm
- Spare wire drum P: fitted with 1000m x 64mm
- Spare wire drum S: max capacity 1524mm x 76mm
- Spare wire drum S: fitted with 1000m x 77mm
- Spare wire drum P: LFD max capacity 1500 x 76mm
- Spare wire drum P: fitted with 40m stretcher
- Spare wire drum S: LFD max capacity 1500 x 76mm
- Braking Capacity: 441 T (Remote control from aft control stand in wheelhouse)
- Towing Pin: 2 x twin hydraulic operated type SWL 400T
- Sharks Jaw: 2 x twin hydraulic operated type SWL 500T
- Stern Roller: Split Roller 2.5 m each Ø and 5 m lgth w/ SWL 500T

**DISCHARGE RATES**

- Fuel: 2 x 200 m³/hr @ 90 mhd
- Pot Water: 2 x 200 m³/hr @ 90 mhd
- Drill Water: 2 x 200 m³/hr @ 90 mhd
- Mud: 3 x 75 m³/hr @ 90 mhd
- Brine: 2 x 75 m³/hr @ 90 mhd
- Base Oil: 2 x 150 m³/hr @ 90 mhd
- Slop Disc: 1 x 5 m³/hr @ 45 mhd
- Dry bulk: 2 x 75 t/hr

**MACHINERY**

- Main Engines: 4 x 2,655 bhp
- Main Generator: 3 x 550 kw
- Harbor Gen: 1 x 425 kw
- Emergency Gen: 1 x 99 kw
- Tunnel Bow Thruster: 2 x 623 kw x 8.5 tons Thrust
- Tunnel Stern Thruster: 1 x 632 kw x 8.5 tons Thrust
- Steering Gear: 2 x 45 degree
- Propulsion: 2 x CPP with Fixed Nozzle
- Rudders: Split, High Lift

**SPEED & CONSUMPTION**

- Full speed: 14.5 knots 4 x engines
- Cruising speed: 12.5 knots 4 x engines
- Economical speed: 9 knots 2 x engines 163m/day
- Towing/anchor handling: 363m/day

**ACCOMMODATION TOTAL 42 PERSONS**

- 6 x 1 berth cabins = 6
- 18 x 2 berth cabins = 36
- All cabins fully air-conditioned

**EXTRA EQUIPMENT**

- Rescue Zone: Port & Std side
- Oily Water Separator: 1 x 1 m³/hr MARPOL standard
- Sewage Treatment Plant: 1 x 42 men per day
- Windlass: 9T @ 12 m/min for 40 mm Ø, Chain w/2 cable lifers, 2 warping drums & rope drum
- Bow Anchors: High-holding type anchors
- Chairs: 467 m x 40 mm Ø Grade
- Tugger Winches: 2 x 10T @ 15m/mins
- Capstans: 2 x 10T @ 15m/mins, 2 x Spray Booms
- Deck Crane: 5T @ 15mtrs

**FIRE FIGHTING EQUIPMENT**

- External: FFF 1 with external drench system, full vessel
- Pumps: 2 x 1600 m³/hr
- Monitor: 2 x 1200 m³/hr (w/ spray and remote control)

**COMMUNICATION & NAVIGATION EQUIPMENT**

- 2 x SART
- 1 Navtex
- 1 EPIRB
- 2 x Radars ARPA
- 1 Doppler speed log
- 2 Master Gyro’s with 5 repeaters
- 1 Magnetic Compass
- 1 GPS
- 1 Echo sounder
- 1 Set of GMDSS radio station system for Area 3, Including SSB, Inmarsat C, MF/HF, VHF with DSC etc.
- 3 x VHF GMDSS
- Ship Security Alert System
- 1 x AIS
- 1 x Bridge Navigational Watch Alarm System
- 1 x VSAT Internet / Telephone System

**VEssel MANAGEMENT DP AND JOYSTICK (ABS NOTATION DPS-2, FMEA H)**

- DPS L3 NHS 6000
- 2 x DP Controller + Independent Joystick
- 2 x Wind Sensor
- 2 x Master Gyro
- 2 x DGPS
- VMS System which includes vessel power management

These particulars should be taken as indicative and do not constitute a warranty. For additional information, please contact GulfMark Asia Pte. Ltd. at chartering.sg@gulfmark.com or at www.GulfMark.com.
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**GENERAL ARRANGEMENT DRAWING**

**DIMENSIONS**

- **LOA:** 76 m
- **Breadth (moulded):** 17 m
- **Depth (moulded):** 7.6 m
- **Draft (moulded):** 6.2 m
- **GT:** 2943 T
- **Deadweight:** 2700 T @ 6.2 m draft

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