

# SEA CHOCTAW

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, *DPS-2, @, TCM, AH/Offshore Support & Towing Vessel, Fire Fighting Class 1 Malaysia
Flag	Malaysia

## CARGO CAPACITY

Clear Deck Area	515 m <sup>2</sup> @1000T
Deck size	37.85 x 13.61mtrs
Deck Strength	10.0 T/m <sup>2</sup>
Fuel Oil	1056 m <sup>3</sup> @ 100%
Potable Water	485 m <sup>3</sup> @ 100%
Drill Water	1019 m <sup>3</sup> @ 100%
Mud	650 m <sup>3</sup> @ 100%
Liquid Mud	650 m <sup>3</sup> @ 100%
Brine	214 m <sup>3</sup> @ 100%
Base Oil	215 m <sup>3</sup> @ 100%
Dry bulk	260 m <sup>3</sup> @ 100%
Rig Chain Locker	215 m <sup>3</sup>
Chain Capacity	3070 m

## 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 fitted with 1000m x 64 mm
Tow drum	max capacity 1524m x 76mm
Spare wire drum P	fitted with 1000m x 64mm
Spare wire drum S	max capacity 1524m x 76mm
Spare wire drum S	fitted with 100m x 77mm
Spare wire drum P	LFD max capacity 1500 x 76mm
Spare wire drum P	LFD fitted with 40m stretcher
Spare wire drum S	LFD max capacity 1500 x 76mm
Spare wire drum S	LFD fitted with 100m x 77mm
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 m <sup>3</sup> /hr @ 90 mhd
Pot Water	2 x 200 m <sup>3</sup> /hr @ 90 mhd
Drill Water	2 x 200 m <sup>3</sup> /hr @ 90 mhd
Mud	3 x 75 m <sup>3</sup> /hr @ 90 mhd
Brine	2 x 75 m <sup>3</sup> /hr @ 90 mhd
Base Oil	2 x 150 m <sup>3</sup> /hr @ 90 mhd
Slop Disc.	1 x 5 m <sup>3</sup> /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 632 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 30m3/day
Cruising speed	12.5 knots 4 x engines 25m3/day
Economical speed	9 knots 2 x engines 16m3/day
Towing/anchor handling	36m3/day

## ACCOMMODATION TOTAL 42 PERSONS

6 x 1 berth cabins	= 6
18 x 2 berth cabins	= 36
1 x 2 berth cabin (hospital)	
All cabins fully air-conditioned	

## EXTRA EQUIPMENT

Rescue Zone	Port & Std side
Oily Water Separator	1 x 1 m <sup>3</sup> /hr MARPOL standard.
Sewerage 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 2x 2640 kg
Chains	467 m x 40 mm Ø Grade 3 stud link chain p & s
Tugger Winches	2 x 10T @ 15m/mins
Capstans	2 x 10T @ 15m/mins, 2 x Spray Booms
Deck Crane	5T @ 15mtrs

## FIRE FIGHTING EQUIPMENT

<b>External:</b>	
Fifi 1	with external drench system, full vessel
Pumps	2 x 1600 m <sup>3</sup> / hr
Monitor	2 x 1200 m <sup>3</sup> / hr (w/ spray and remote control)
<b>Internal:</b>	
Emergency Fire Pump	
CO <sup>2</sup> System in engine room, BT room, and ST room	
Fire Detection & Alarm System throughout vessel	
BA Recharging Compressor 75ltr/min @ 200bar	

## SAFETY/LIFESAVING EQUIPMENT

SOLAS Compliant	
Rescue boat	1 x 6 man FRC

## 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

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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

