

## POSH RAPTOR



**8,000 BHP / 105.8 TBP / DP2 / AHTS**

**Call Sign: 9V2893**

### Class Notation

ABS +A1(E) Offshore Support Vessel, Towing Vessel, FiFi I, +AMS + DPS-2, ACCU, UWILD

### Principal Particulars

|                        |                                        |
|------------------------|----------------------------------------|
| Flag                   | Singapore                              |
| Year Built             | 2016                                   |
| Place Built            | Paxocean Engineering Zhuhai Co., China |
| Design Draft           | 4.50 m                                 |
| Max Summer Draft       | 5.90 m                                 |
| Gross Tonnage          | 2,530.0 T                              |
| Net Tonnage            | 892.0 T                                |
| Deadweight (Max Draft) | 2,350.0 T @ 5.90 m draft               |
| Displacement           | 4,860.0 T                              |
| IMO No.                | 9728045                                |
| Design                 | 399557                                 |

### Dimensions

|                |         |
|----------------|---------|
| Length Overall | 70.33 m |
| Beam Overall   | 16.60 m |
| Depth Moulded  | 7.20 m  |

### Performance

|                  |           |
|------------------|-----------|
| Max Speed        | 13.50 kts |
| Economical Speed | 10.00 kts |

\* Subject to actual weather and operating conditions

### Cargo Deck

|                      |                        |
|----------------------|------------------------|
| Deck Cargo Area      | 475.0 m <sup>2</sup>   |
| Deck Cargo Dimension | 36.0m x 13.3m          |
| Deck Cargo Capacity  | 900.0 T                |
| Deck Strength        | 10.0 T/m <sup>2</sup>  |
| Reefer Points        | 4 (2 x 440v, 2 x 230v) |

### Capacities

|                 |                                   |
|-----------------|-----------------------------------|
| Fuel Tank       | 1,146.8 m <sup>3</sup>            |
| Fresh Water     | 427.5 m <sup>3</sup>              |
| Drill Water *   | 666.3 m <sup>3</sup>              |
| Ballast Water * | 666.3 m <sup>3</sup>              |
| Mud Tank *      | 393.8 m <sup>3</sup>              |
| Brine Tank *    | 700.3 m <sup>3</sup>              |
| Dry Bulk Tank   | 244.8 m <sup>3</sup> (in 4 tanks) |

\* Indicates tanks with shared capacity

### Discharging Rates

|                  |                                       |
|------------------|---------------------------------------|
| Drill Water/Pump | 1 x 100 m <sup>3</sup> /hr@100 m head |
| Fresh Water/Pump | 1 x 100 m <sup>3</sup> /hr@100 m head |
| Fuel/Pump        | 1 x 100 m <sup>3</sup> /hr@100 m head |
| Brine/Pump       | 1 x 100 m <sup>3</sup> /hr@204 m head |
| Liquid mud/Pump  | 1 x 100 m <sup>3</sup> /hr@204 m head |
| Dry Bulk Tank    | 1 x 52 m <sup>3</sup> /h@30 m head    |

### Accommodation

|                  |    |
|------------------|----|
| 1 – Berth Cabins | 6  |
| 2 – Berth Cabins | 8  |
| 4 – Berth Cabins | 2  |
| Total (POB)      | 30 |

### Main Engines &

|                      |                                 |
|----------------------|---------------------------------|
| Main Engines         | MAK 2 x 4,023 BHP               |
| Shaft Generators     | Leroy 2 x 1,200 kW each         |
| Diesel Generators    | CAT 2 x 425 kW @ 3 x 440 V 60Hz |
| Emergency Generators | Volvo Penta 1 x 265 kW          |

### Thrusters & Propulsion

|                |                                          |
|----------------|------------------------------------------|
| Bow Thruster   | Kawasaki 2 x Tunnel Thruster @ 515 kW    |
| Stern Thruster | Kawasaki 1 x Tunnel Thruster @ 400 kW    |
| Propellers     | BERG 2 x CCP Propellers in fixed nozzles |
| Rudders        | KOBELT 2 x independent high lift type    |

### Deck Crane

|             |                           |
|-------------|---------------------------|
| Fixed Crane | SWL 5.0 T @ 18.0 m radius |
|-------------|---------------------------|

### Anchor Handling/Tow Equipment

|                           |                                                |
|---------------------------|------------------------------------------------|
| Tow/Anchor Handling Winch | Smatco 1 x double drum waterfall, low pressure |
| Stall Pull Capacity       | 320.0 T                                        |
| Brake Holding Capacity    | 350.0 T                                        |
| Tow Drum Capacity         | 1,500.0 m x 64.0 mm dia wire                   |
| Anchor Handling Capacity  | 1,500.0 m x 64.0 mm dia wire                   |
| Secondary Winch Capacity  | NIL                                            |
| Storage Reel Capacity     | 1,500.0 m x 56.0 mm dia wire                   |
| Tugger Winch              | Hatlapa 2 x 10.0 T each                        |
| Capstan                   | 2 x 5.0 T each                                 |
| Shark Jaws                | 1 x Triplex H-200 (SWL 200.0 T)                |
| Tow Pins                  | 1 x Triplex S-115 (SWL 115.0 T)                |
| Stern Roller              | 6.0 m x 2.0 m dia (SWL 300.0 T)                |
| Gypsies                   | 2 x 64.0 m                                     |
| Chain Locker              | 2 x 86.5 m <sup>3</sup>                        |

### Tow/Anchor Handling

|                      |                              |
|----------------------|------------------------------|
| Main Tow Wire        | 1,500.0 m x 56.0 mm dia wire |
| Spare Tow Wire       | 1,500.0 m x 56.0 mm dia wire |
| Anchor Handling Wire | 1,500.0 m x 56.0 mm dia wire |

### Mooring Equipment

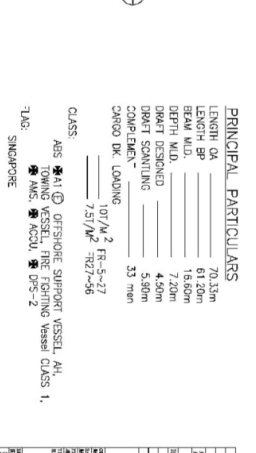
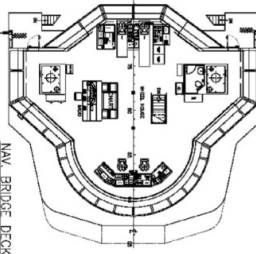
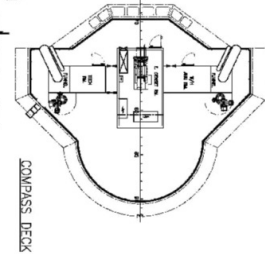
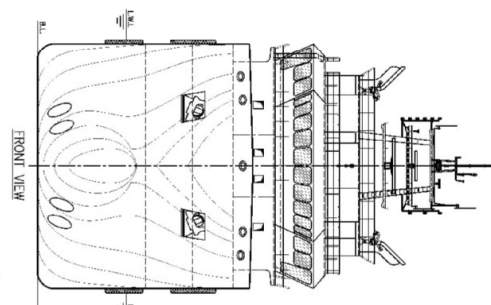
|                 |                                        |
|-----------------|----------------------------------------|
| Anchor          | 2 x HY-14 SB HHP Anchors each 2,200 ka |
| Anchor Chain    | 467.5 m x 38 mm dia                    |
| Anchor Windlass | 6.0 T @ 14.0 m/min                     |

### Dynamic Positioning

|            |                            |
|------------|----------------------------|
| DP Class   | DP 2, Konasbera K-POS DP21 |
| References | 2 x DGPS + 1 x Cvsan       |

### Fire Fighting and Rescue

|                     |                              |
|---------------------|------------------------------|
| Firefighting System | FiFi 1                       |
| FiFi Pump           | 2 x 1,650 m <sup>3</sup> /hr |
| FiFi Monitors       | 2 x 1,200 m <sup>3</sup> /hr |
| Sorav Booms         | 2 x 6 m                      |
| Dispersant Capacity | 10.6 m <sup>3</sup>          |
| Foam Capacity       | NIL                          |
| Rescue Boat         | 1 x 6 man/rapid/160 hp       |
| Life Rafts          | 6 x 25 man                   |
| Life Buoys          | 8                            |
| Life Jackets        | 37                           |

[illegible]