MMA Pinnacle is designed and built to meet the vast environmental and operational demands of the Asia Pacific region. The vessel offers superior deep water lift capabilities when compared to other vessels in its class.

### Fast Facts

- Crane Reach main hook 34m
- Crane reach allows over boarding product astern
- Multi use purpose vessel (accommodation support, diving, ROVdrill, IWOCs and subsea intervention)
- Twin 3,000m rated work class ROV Systems, to allow longer periods of productivity

### Vessel Info

- **Length**: 87.80m x Breadth 22m
- **Cargo deck area**: 1,000m²
- **Offshore crane**: 150t AHC knuckle boom
- **Class**: DNV-GL
- **Dynamic Positioning**: DP2
- **Moonpool**: 5.4m x 5.4m clear opening
- **Accommodation**: for 100 persons
## General Information

**Type**
IRM, Survey and Light Construction

**Classification**
DNVGL with the following class notations: +A1(E), +AMS
Offshore Support Vessel (Supply-HNLS), +DPS-2, SPS, MLC-Accom, HAB(WB), HELIDK, UWild, CRC, +ACCU, +SKP

**Built**
2017, PT JAS Batam

**Flag State Authority**
Labuan

**Official Number**
H910-399703 / H911-399704

## Principal Dimensions

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall Length</td>
<td>87.80m</td>
</tr>
<tr>
<td>Breadth (moulded)</td>
<td>22.00m</td>
</tr>
<tr>
<td>Depth Moulded</td>
<td>7.80m</td>
</tr>
<tr>
<td>Draft</td>
<td>5.50m</td>
</tr>
<tr>
<td>Dead Weight</td>
<td>3,000t (approx.) at 5.50m draft</td>
</tr>
<tr>
<td>Gross Tonnage</td>
<td>5,100</td>
</tr>
<tr>
<td>Net Tonnage</td>
<td>1,530</td>
</tr>
</tbody>
</table>

## Main Deck

| Deck Area (Main)             | 1,000m²                 |
| Deck Strength                | 10.0t/m² uniform loading |
| Deck Cargo                   | 1,400 tonne (approx.)   |
| Free Back Deck Area          | 670m² (excluding ROV Mezz Deck) |

## Fuel Oil Capacities (100%)

<table>
<thead>
<tr>
<th>Type</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ballast Water</td>
<td>867m³</td>
</tr>
<tr>
<td>Fresh Water</td>
<td>3,270m³</td>
</tr>
<tr>
<td>Methanol</td>
<td>585m³</td>
</tr>
<tr>
<td>MEG Carrying (utilising Mud and Methanol Tanks)</td>
<td>218m³</td>
</tr>
<tr>
<td>Total</td>
<td>683m³</td>
</tr>
</tbody>
</table>

## Power and Propulsion

**Maximum Speed**
12.00 knots

**Economical Speed**
10.5 knots

**Main Generators**
4x 2,560kW (C25:33 L8A 2.CD) Alternator 690V / 3ph / 60Hz at 0.8pf, 900rpm

**Propulsion**
2x 2,050kW Azimuth thruster electric-driven

**Bow Thrusters**
3x 1,000kW Tunnel thruster, electric-driven

## DP Systems

**Optional extra**
- Roll-Royce Icon
- 2x DGPS
- 3x Wind sensors
- 3x Gyro compass
- 1x Laser reference
- 2x Gate valve for hydroacoustic sensors
- 1x HiPAP 500 (2nd unit - optional extra)
- Taut wire system (500m)

**Cranes**
- AHC Hydraulic knuckle boom, main boom lifting capacity 150t at 15m

## ROV Systems

**ROVs**
2x 200hp Centurion SP Work Class Systems

**LARS**
Side launch systems each with TMS 3,000m (with station keeping capability)

## Accommodation

<table>
<thead>
<tr>
<th>Type</th>
<th>Suitable for Sikrosky S92</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Accommodation</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Sick Bay</strong></td>
<td>100 persons 2 berth cabin</td>
</tr>
</tbody>
</table>

## Comms Systems

PA talkback system, Self-powered and integrated telephone system, VSAT, Clear com system.

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The Subsea 7 fleet comprises of vessels that have exceptional versatility, capable of operations worldwide including; pipelay, construction, survey, remote intervention, diving support, heavy lifting operations, renewables and decommissioning.