



VESSELS

IRM, Survey and  
Light Construction

Our Values



Safety



Integrity



Sustainability



Performance



Collaboration



Innovation

subsea 7



# MMA Pinnacle

## Vessel Info

*Full specification overleaf*

**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.

- Length 87.80m x Breadth 22m
- 1,000m<sup>2</sup> cargo deck area
- 150t AHC knuckle boom offshore crane
- Class DNV-GL
- Dynamic Positioning DP2
- Moonpool open bottom (approx.) 5.4m x 5.4m clear opening
- Accommodation for 100 persons

## 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



## MMA Pinnacle

### General Information

Type	<b>IRM, Survey and Light Construction</b>
Classification	<b>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</b>
Built	<b>2017, PT JAS Batam</b>
Flag State Authority	<b>Labuan</b>
Official Number	<b>H910-399703 / H911- 399704</b>

### Principal Dimensions

Overall Length	<b>87.80m</b>
Breadth (moulded)	<b>22.00m</b>
Depth Moulded	<b>7.80m</b>
Draft	<b>5.50m</b>
Dead Weight	<b>3,000t (approx.) at 5.50m draft</b>
Gross Tonnage	<b>5,100</b>
Net Tonnage	<b>1,530</b>

### Main Deck

Deck Area (Main)	<b>1,000m<sup>2</sup></b>
Deck Strength	<b>10.0t/m<sup>2</sup> uniform loading</b>
Deck Cargo	<b>1,400 tonne (approx.)</b>
Free Back Deck Area	<b>670m<sup>2</sup> (excluding ROV Mezz Deck)</b>

### Tank Capacities (100%)

Fuel Oil	<b>867m<sup>3</sup></b>
Ballast Water	<b>3,270m<sup>3</sup></b>
Fresh Water	<b>585m<sup>3</sup></b>
Methanol	<b>218m<sup>3</sup></b>
MEG Carrying (utilising Mud and Methanol Tanks)	<b>683m<sup>3</sup></b>

### Power and Propulsion

Maximum Speed	<b>12.00 knots</b>
Economical Speed	<b>10.5 knots</b>
Main Generators	<b>4x 2,560kW (C25:33 L8A 2.CD) Alternator 690V / 3ph / 60Hz at 0.8pf, 900rpm</b>
Propulsion	<b>2x 2,050kW Azimuth thruster electric-driven</b>
Bow Thrusters	<b>3x 1,000kW Tunnel thruster, electric-driven</b>

### DP Systems

DP2 with Joystick	<b>Rolls-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)</b>
Optional extra	

### Cranes

Main Crane	<b>AHC Hydraulic knuckle boom, main boom lifting capacity 150t at 15m</b>
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### ROV Systems

ROVs	<b>2x 200hp Centurion SP Work Class Systems</b>
LARS	<b>Side launch systems each with TMS 3,000m</b>
Operating Depth	<b>(with station keeping capability)</b>

### Helideck

Aluminium type	<b>Suitable for Sikrosky S92</b>
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### Accommodation

Accommodation Sick Bay	<b>100 persons 2 berth cabin</b>
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### Comms Systems

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



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