



About the vessel

The MMA Brewster and its sister vessel MMA Plover were both purpose built to be the production support vessels for the Ichthys LNG Project in Australia. Located about 220 kilometres offshore Western Australia, Ichthys represents the largest discovery of hydrocarbon liquids in Australia in 40 years.

The MMA Brewster is a truly bespoke PSV design. Constructed as per IBC-2 regulation it has unrivalled chemical carrying capacity in the PSV market.

MMA Brewster

Platform Supply Vessel



| General | | Dimensions | |
|------------------|--|-------------------|------------------------------|
| Official No | 861317 | LOA | 81.7 m |
| Call Sign | VJN4812 | Breadth - moulded | 18 m |
| IMO No | 9737216 | Depth - moulded | 8.4 m |
| Year Built | 2015 | Draft | 7.014 (SF) / 6.700 (IBC) |
| Port of Registry | Darwin | GRT | 3,804 T |
| Flag | Australian | NRT | 1,419 T |
| Class | DNV | Deadweight | 4621.3 T (SF) / 4215.1 (IBC) |
| Notation | ✱1A1 Fire fighter (I), Standby vessel, BIS, Clean (Design), COMF(C-3, V-3), DK(+), DYNPOS(AUTR), E0 HL(2.8), LFL(*), NAUT(OSV(A)), SF | Free Deck Area | 810 m ² |
| | | Deck Strength | 10 m ² |

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A Perfect Day Every Day



MMA Brewster

Platform Supply Vessel



Performance

| | | |
|--------------------|-------|----|
| BHP | BHP | NA |
| Speed - Maximum | Knots | 14 |
| Speed - Economical | Knots | 10 |

Tank Capacity

| | | |
|-------------------------------|----------------|----------------------|
| Fuel Oil | m ³ | 1,376 |
| Fresh Water | m ³ | 821.7 |
| Sewage | m ³ | 36 |
| Foam | m ³ | 2.7 |
| Ballast Water | m ³ | 1,641.9 |
| Liquid Mud | m ³ | 670 |
| Cement | m ³ | 243 |
| Dispersant | m ³ | 4.9 |
| Dry Bulk | m ³ | 242.8 |
| Methanol | m ³ | 226 |
| Glycol | m ³ | 431 (MEG) + 46 (TEG) |
| Brine | m ³ | 928.3 |
| Drill Water | m ³ | 1,641.9 |
| Base Oil | m ³ | 444.8 |
| Roll Reduction Tank | m ³ | 424 |
| NaOH | m ³ | 202 |
| HCl | m ³ | 103 |
| H2S Scavenger (EC9356A) | m ³ | 50 |
| Barites | m ³ | 60 |
| Bentonites | m ³ | 60 |
| Cement | m ³ | 120 |
| Special Product (LFL * tanks) | m ³ | 225 |

Discharge Rates

| | |
|-------------------------------|--------------------------------------|
| Fuel Oil | 2 x 200 m ³ /h @ 60m head |
| Fresh Water | 2 x 200 m ³ /h @ 60m head |
| Ballast / Drill Water | 2 x 200 m ³ /h @ 60m head |
| Dry Bulk | 2 x 70 m ³ /h @ 5.6 bar |
| Liquid Mud / Brine | 2 x 75 m ³ /h @ 60m head |
| Glycol | 3 x 75 m ³ /h @ 60m head |
| Base Oil | 1 x 75 m ³ /h @ 60m head |
| Methanol | 4 x 75 m ³ /h @ 60m head |
| NaOH | 2 x 75m ³ /hr @ 60m head |
| HCl | 2 x 75m ³ /hr @ 60m head |
| H2S Scavenger (EC9356A) | 2 x 75m ³ /hr @ 60m head |
| Barites | 2 x 60t/h @ 60m head |
| Bentonites | 2 x 60t/h @ 60m head |
| Cement | 2 x 60t/h @ 60m head |
| Special Product (LFL * tanks) | 75 m ³ /h @ 60m head |

Machinery / Propulsion

| | |
|---------------------|---|
| Main Engine | 3 x 2,095 kW, CAT 3516C (diesel electric) |
| Bow Thruster | 3 x 945 kW Brunvoll |
| Stern Thruster | NA |
| Generator | 1 x 138 kW Caterpillar C6, 60 Hz |
| Emergency Generator | 1 x 465 kW |
| Propulsion | 2 x Rolls Royce azipull |
| Nitrogen Generator | NA |

Deck Equipment

| | |
|---------------|--|
| Crane | TTS Marine 1 x 10 tonne Knuckle Boom & 1 x 2 tonne Straight Boom |
| Capstan | NA |
| Tugger Winch | 2 x 15 tonne NDM single drum |
| Wire Capacity | 19 mm X 250 m |
| Brake Holding | 30 T |

Rescue & Fire Fighting

| | |
|----------------|-------------------------|
| FRC Type | 15 person ALUSAFE 700 |
| Dacon Scoop | 13.5 X 14 |
| FiFi Class | 1 |
| Fire Monitor | 2 |
| Total Capacity | 1,200m ³ /hr |
| Fire Pump | 1 |
| Total Capacity | 3,500m ³ /hr |

Dynamic Positioning

| | |
|--------------------|-----------------------|
| DP | Kongsberg K-Pos DP-21 |
| DGPS - Quantity | 2 |
| DGPS - Signals | Spotbeam |
| HIPAP - Type | 1 x HIPAP 351 |
| Laser - Type | 1 x CyScan Mk4 |
| Joystick - Type | Kongsberg cJoy |
| Fanbeam - Quantity | 1 x RADIUS 1000 |

Accommodation

| | |
|----------------------|--------|
| Cabin (2 Berth) | Qty 12 |
| Cabin (Single Berth) | 15 |
| Total Accommodation | 27 pax |

Communication Equipment

| | |
|----------------------------|--------------------|
| Navtex Receiver - Quantity | Qty 1 |
| AIS | 1 |
| Watch Alarm | 1 |
| SSB | 1 |
| Intercom | 1 |
| Inmarsat-C | 2 |
| EPIRB | 2 |
| GMDSS VHF Radio (MF/HF) | 3 x VHF, 1 x MF/HF |
| GMDSS Handheld VHF | 3 |
| VSAT | 1 |

Navigation Equipment

| | |
|----------------------------|-------------------------|
| Magnetic Compass | Qty 1 |
| Gyro Compass c/w Autopilot | 3 x gyro, 1 x autopilot |
| GPS Navigator | 2 |
| Radar | 2 |
| Speed Log | 1 |
| ECDIS | 2 |

Other Equipment

| | |
|----------------------------|-----------------------------|
| Sewage Treatment Unit | 1 x 2.5 m ³ /day |
| Water Maker - Capacity | 10,000 litres/day |
| Waste Compactor - Quantity | 1 x |