

# ICHTHYS LNG PROJECT, INPEX



McDermott is delivering an engineering, procurement, construction and installation (EPCI) solution for one of the world's largest subsea gas field developments.

#### Services Provided:

- Engineering
- Procurement
- Construction
- Installation
- Pre-commissioning

Located about 220 km offshore Western Australia, in an average water depth of 250 m, lies the INPEX Ichthys field. This development requires the execution of one of the world's largest SURF EPCI contracts awarded to date.

Gas from five drill centers spread across the 800 km<sup>2</sup> field is routed through 140km of infield pipeline and directed towards one of the world's largest and most complex flexible riser systems. The Ichthys LNG Project requires a solution developed around unique and challenging soils in seismically active zones, a 40-year design life and 10,000-

year cyclone survival criteria. The Sour Service, High Pressure (371 bar), High Temperature (150°C) conditions and hook-up to the world's largest semi-submersible have required a number of firsts in engineering, procurement, construction and installation.

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#### Facilities

- 8,500 MT Riser Support Structure
- 17,500 MT of subsea structures

#### Location

- Northern Browse Basin. Western Australia

#### Water Depth

- 820 ft

#### Yards

- Batam Island, Indonesia

#### Vessels

- DLV 2000
- Lay Vessel 108
- Intermac 650



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