

# Ichthys Project Onshore LNG Facilities, Module Offloading Facility

## PROJECT DETAILS:

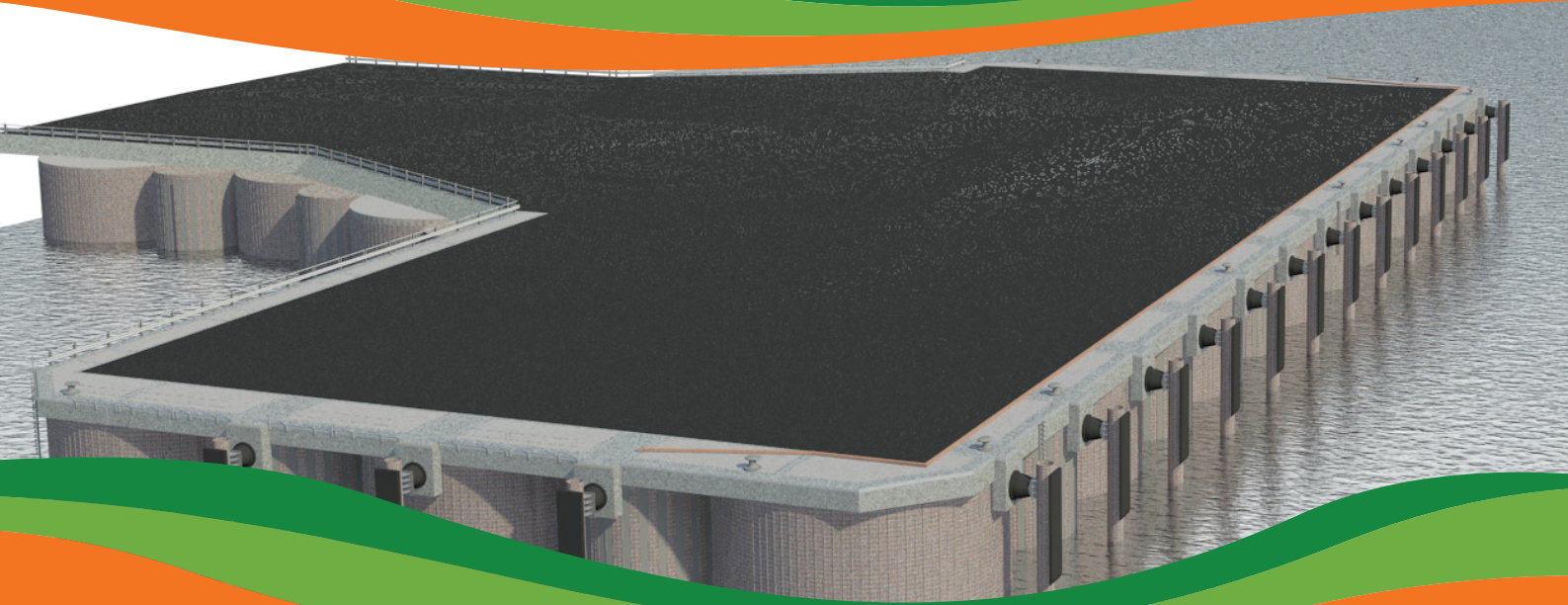
Location: Darwin, Northern Territory, Australia

Contract Value: A\$140 million (2012)

Contract Period: February 2012 - Current

Safety Statistics: Manhours: 53,261

LTIFR: 0 (as at March 2013)



### Key Aspects

- ✓ Design and construct
- ✓ Remote location
- ✓ Cellular cofferdam construction
- ✓ Marine and land based construction

### Project Highlights

- ✓ Integrated design and work preparation team
- ✓ Supported by BAM and Clough's in-house facilities

**OWNER: INPEX Browse Limited**  
**CLIENT: JKC JV (JGC, KBR and Chiyoda)**

### Project:

BAM Clough Joint Venture was awarded the contract to design and construct the Ichthys LNG Project Module Offloading Facility (MOF) located near Darwin, Northern Territory. Gas from the Ichthys Field will be transported from the offshore CPF through a subsea pipeline more than 885 kilometres to the onshore LNG processing plant located at Blaydin Point.

### Joint Venture:

BAM Clough Joint Venture is a 50 / 50 joint venture between BAM International bv and Clough Limited. Established in 1964, the joint venture has successfully delivered 13 major jetty projects and associated coastal marine infrastructure for the energy and resources sectors. BAM Clough has in-house engineering and procurement capability to support the construction execution. The joint venture primarily self performs projects with minimal reliance on subcontract scope.

### Scope of Work:

The Module Offloading Facility comprises a 160 metre x 65 metre heavy lift berth, transition pontoon berth, Module carrier Ro-Ro berths, general cargo, Lo Lo Berth and associated breasting and mooring dolphins and access catwalks. The Module Offloading Facility also includes the provision of marine operations, corrosion, cathodic protection systems and installation of temporary navigation aids.

Prime construction methodology is the formation of cellular cofferdams to develop the perimeter of the MOF with selected land fill and sealed surface to complete the structure. This methodology resulted in a land based operation which delivers inherent safe working methods, multiple work fronts and ability to meet fast track schedule requirements.

