



*Ichthys Venturer moored in the Ichthys Field.*

## **Ichthys LNG Project – working with the Broome community**

*INPEX is the proud operator of the Ichthys LNG Project, which is one of the world's biggest and most complex offshore oil and gas development projects, located off the Kimberley Coast, approximately 450 kilometres north of Broome.*

*The Project is moving closer every day towards operational start-up for 40 years of future operations - with the current construction and development phase more than 90 per cent complete.*

*Our focus now is bringing all the facilities online safely and reliably, in readiness for first production next year.*

*The Project comprises of two massive offshore gas and condensate processing facilities, an 890 kilometre subsea gas export pipeline - the largest in the southern hemisphere - and an onshore LNG facility located on the outskirts of Darwin in the Northern Territory.*

*Development of the Ichthys Field, in the Browse Basin, commenced in early 2015 with the subsequent installation of more than 133,000 tonnes of subsea equipment ready for the arrival of the offshore facilities.*

*Broome is a vital logistics support hub for the Project, where INPEX, as Operator is currently the largest user of the Broome International Airport and Heliport.*

*INPEX has been transporting workers to the Ichthys Field from Broome continuously over the past four years through the Broome International Airport, with up to six vessels in port each week to support the various offshore development activities.*

*Both gigantic offshore facilities, the central processing facility (Ichthys Explorer) and the floating production, storage and offloading facility (Ichthys Venturer), are moored in the Ichthys Field, 450 kilometres from Broome and undergoing installation, commissioning and hook-up works. The busy offshore activity requires two floating accommodation units, an offshore drilling unit, construction and lay vessels and several platform support vessels.*

*This phase of the Project represents one of the busiest periods of offshore activity, with close to 2000 workers and 20 vessels operating in the Field. This has resulted in Broome businesses winning work in the areas of transportation, accommodation and supply chain support, delivering a significant economic boost to the local economy.*

*As the offshore facilities are progressively hooked-up and commissioned, the number of workers and vessels required offshore will gradually reduce. This transition will also see an aligned reduction in the number of helicopter flights operating out of Broome.*

# A community partnership

The Ichthys LNG Project is contributing directly to the Broome economy with more than 35 local businesses engaged.

Further benefits are also being delivered through the Project's social investment program, which supports various educational institutions, community festivals and groups in Broome, Derby and on the Dampier Peninsula.

INPEX engages closely with the Broome community, through consultation meetings with key community, government and business representatives. There were no fewer than 50 consultation meetings in 2017.

INPEX is also a proud member of the Broome Chamber of Commerce and Industry and the Broome Visitors Centre.

A recent economic impact assessment by ACIL Allen Consulting forecast that the Ichthys LNG Project will boost the economic output of Western Australian (WA) by \$75 billion over the 2012 to 2050 period, creating an average 1100 full-time equivalent jobs per year and generating \$8.9 billion in taxation revenue for the WA Government over the projects 40 year operating life. Broome also stands to be a winner from the Project's operations and drilling activities.

## A busy time in the air

Since the arrival of the two offshore facilities in the Ichthys Field, the Project's two helicopter operators Bristow Australia and PHI-HNZ have been flying up to 100 workers a day from the Broome International Airport heliport via the Djarindjin/Lombadina airport to the giant floating facilities located 450 kilometres north of Broome.

INPEX, along with Broome International Airport helicopter operators and Airservices Australia have been working closely to reduce impacts on the Broome community. This effort has included trialling new flight paths to avoid residential areas and undertaking training flights away from the Broome town centre to avoid key community and tourist events.

The increased helicopter traffic has also brought economic benefits to the Broome community with Broome International Airport employing



Ichthys Project Helicopter Operator PHI-HNZ.

more than 20 local heliport operators and 14 locally engaged Aboriginal refuellers at the Djarindjin Airport. The helicopter activity has also brought economic benefits to local businesses, including accommodation, retail and service providers who support close to 100 pilots, engineers and support staff for the two helicopter operators servicing the project.

## World class technology being serviced in Broome

Baker Hughes, a GE Oil and Gas company, established facilities in Broome in 2014 to support the drilling campaign of the Ichthys LNG Project. The multi-million dollar facility was built by local building company H&M Tracey constructions.

The GE facility services and inspects a large array of sub-sea production systems that are installed on the drilling centres in the Ichthys Field. The facility also services equipment used offshore prior to being redeployed for future works.

Around eight locals are employed at the facility who undertake final checks of the sub-sea equipment,



Stewart Clarke, INPEX Subsea Production Systems Site Supervisor, and Ian Rodger, BHGE Base Manager, undertaking subsea materials inspections in Broome.

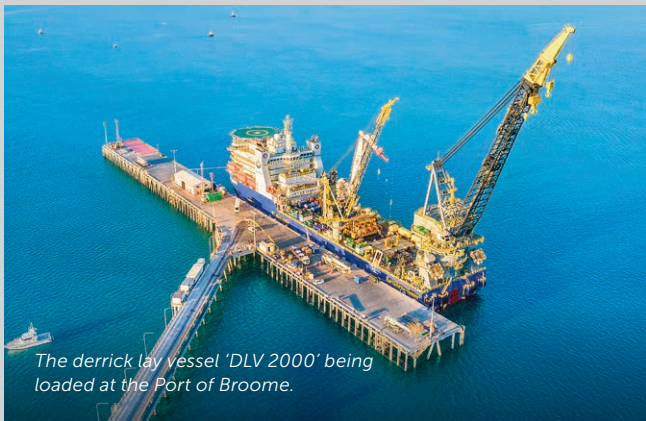
that can weigh up to 80 tonnes. These massive units reach the Broome facility via Perth, having travelled all the way from the UK.

The movement of these big pieces of kit involves logistics support from key local businesses, including stevedoring at the Port of Broome and transport logistics by Oil Field Transport Services.

# Biggest user of the Port



Kimberley Port Authority Stevedores.



The derrick lay vessel 'DLV 2000' being loaded at the Port of Broome.

The Ichthys LNG Project is the biggest user of the Port of Broome. A wide variety of vessels associated with the Project visit the Port, including highly specialised offshore construction vessels and support vessels. In July and August 2017 alone, more than 80 vessels have frequented the Port.

A team of stevedores from the Kimberley Port Authority are regularly relied on to support vessels, as well as the services of suppliers and logistics providers who transport supplies and equipment to and from the Port.

INPEX and Ichthys LNG Project contractors also work closely with the Kimberley Port Authority to ensure that all users of the Port including cruise ships, fuel tankers and livestock carriers have adequate wharf access year round.

From November 2017 through to April 2018 the Project's mobile offshore drilling unit, the ENSCO 5006, will be positioned 50 kilometres off the coast of Broome in stand-by mode for the duration of the cyclone season. INPEX has worked closely with local businesses to provide continued logistics support during this time. During this stand by period, the ENSCO 5006 will continue to be serviced with the support of Broome businesses to get ready for the next phase of the Project's drilling program.

## Enabling the Broome business community

More than 35 locally based businesses support project logistics and service operations in Broome.

This translates to 100 locals who are involved in supporting the logistics needs of the Project each day. The project's key contactors in Broome are located throughout the town and use local businesses to keep their operations running.

These locals work in various businesses, including the Project's two helicopter operators Bristow and PHI-HNZ at Broome International Airport, at the Port of Broome (through to logistics and services providers such as Toll and Tox Free), and through hospitality and accommodation providers throughout town.

In addition to locals, there are many skilled workers who reside in Broome, including pilots, engineers, logistics specialists and INPEX supervisors. Many of these workers use Broome services such as hire vehicles, long stay accommodation or rental properties and purchase a wide variety of goods and services all year round.



A flow module control unit being loaded on to a vessel at the Port of Broome.



Ichthys Project Helicopter Operator Bristow.



INPEX staff with Pascal Billiau, the winner of the 2017 'View to Asia' Shinju Matsuri Festival.

## Contributing and working with the community

Contributing to the communities in which we operate is a principle that INPEX, as the operator of the Ichthys LNG Project, values. Since commencement of the Project development, many community groups, organisations and initiatives in the Kimberley have benefited.

INPEX and the Ichthys LNG Project has been providing long-term support to various initiatives in the region including the Kimberley Art Prize in Derby, the View to Asia exhibition for the Shinju Matsuri Festival, and continued support for the Djarindjin community on the Dampier Peninsula (where more than \$1 million has been invested since the signing of the Memorandum of Understanding with Djarindjin Aboriginal Corporation in 2009).

The Project is committing to supporting Aboriginal and Torres Strait Islander stakeholders in the Kimberley and we continue to strengthen our partnership with the Nirrumbuk Aboriginal Corporation. INPEX also supports training and youth outcomes with local communities

in the region through initiatives with the Association of Northern Kimberley and Arnhem Aboriginal Artists. The Project recently expanded its support for the Role Models Australia program, specifically with the Broome Girls Academy at Broome Senior High School.

In Broome, the Project is supporting:

- Upgrades to audio-visual equipment at Cable Beach Primary School;
- Funding to the Broome Chamber of Commerce and Industry for the 2017 Broome Christmas Party; and
- The purchase of a barbecue trailer for the community orientated Broome North Fishing Club.

INPEX is also working closely with the Broome Chamber of Commerce and Broome Visitors Centre in promoting Broome businesses and tourism to hundreds of workers who transit through Broome to our offshore facilities.

### Contact us

General community feedback **1800 705 010**

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The Ichthys LNG Project is a Joint Venture between INPEX group companies (the Operator), major partner Total, and the Australian subsidiaries of CPC Corporation Taiwan, Tokyo Gas, Osaka Gas, Kansai Electric Power, JERA and Toho Gas.