



# ***Kimberley community update***

*November 2022*

**INPEX**



**INPEX is active in a number of projects off the coast of Western Australia, and the proud operator of Ichthys LNG**

## ***INPEX – our business in the Kimberley***

INPEX-led Ichthys Joint Venture is proudly supporting jobs, training and social and economic benefits flowing from Ichthys LNG – one of Australia’s largest and most complex energy developments. Since the 1990s, Broome has provided key logistics support for Ichthys LNG’s offshore activities as it is the closest mainland region to the Ichthys Field, which is located approximately 220 kilometres off the Kimberley Coast.

Ichthys LNG consists of two major offshore processing facilities – the ‘Ichthys Explorer’ central processing facility (CPF) and ‘Ichthys Venturer’ floating production, storage and offloading (FPSO) facility, drilling operations, an 890-kilometre pipeline, and onshore processing facilities located on the outskirts of Darwin in the Northern Territory.

Since 2018 more than 750 cargoes have supported our customers’ energy needs across the globe, with social and economic benefits flowing back to Australian communities. As of 4 October 2022, Ichthys LNG has safely produced 435 liquefied natural gas (LNG), 117 liquefied petroleum gas (LPG), 120 field condensate and 78 plant condensate cargoes. The field condensate is shipped directly to international markets from the Browse Basin.

INPEX also has a participating interest in Prelude Floating LNG, which is operated by Shell Australia and is also located in the Browse Basin.

The Kimberley continues to be an important logistics hub for Ichthys LNG offshore operations, supporting marine supply vessels and personnel transfers to our offshore processing facilities and the drilling rig.

## Drilling support



*Maersk Deliverer semi-submersible drilling rig  
(photo credit: Noble Drilling)*

As a socially responsible company, INPEX is focused on developing, producing and delivering energy in a safe and sustainable way. We believe Australia's natural gas can play a valuable role in achieving a balance between decarbonisation and energy security.

Always working safely is our core priority – to protect our people and the environment. We work to detailed environment plans approved by the relevant regulatory bodies.

To support Ichthys LNG's anticipated 40-year lifespan, up to 50 wells will be developed, with 18 wells completed in the initial phase.

The 'Maersk Deliverer' semi-submersible drilling rig was contracted and in 2020 commenced a second phase of drilling to achieve 12 additional wells by 2024. To date, four additional wells have been completed.

These drilling operations are additionally supported onshore in Broome by the INPEX Toll drilling supply base and the Halliburton Liquid Mud Plant.

Equipment and materials are mobilised to and from the 'Maersk Deliverer' using three supply vessels, each making a port call roughly every seven days.

Since the start of Ichthys LNG's drilling operations there has been more than:

- 230,000 tonnes of cargo handled
- 61,000 lifts conducted at the Port of Broome
- 800 vessel port calls to supply equipment and materials required for drilling operations.

## Offshore personnel transport



*PHI Aviation's SAR/Medevac helicopter*

INPEX and Ichthys LNG have been transporting personnel offshore to the Browse Basin through Broome and the Dampier Peninsula for many years, excepting a short-term relocation of operations in 2020 to Mungalu Truscott Airbase as a COVID-19 management measure.

Transfers are supported by Broome Heliport, PHI Aviation (PHI) and Djarindjin Airport. A contract, jointly held with Shell Australia, is also in place with PHI and the Royal Flying Doctor Service for medical evacuation (medevac) and search and rescue (SAR) support for our offshore activities.

Currently, a workforce of about 365 personnel is working on our offshore facilities, with up to 185 personnel on the CPF and 180 personnel on the FPSO. Additionally, as many as 180 workers are required for the drilling campaign.

Since January 2020 and throughout the COVID-19 pandemic, INPEX has continued to diligently manage, monitor and respond to the COVID-19 situation in the Kimberley region, and implemented a number of pre-mobilisation practices to protect both our workforce as well as the local community.

## Second major maintenance turnaround completed



*Accommodation support vessel 'Triumph' (left) catered for the expanded workforce required for the campaign*

From July to August 2022, Ichthys LNG safely conducted its second major scheduled maintenance campaign, following its first maintenance turnaround in mid-2021.

Maintenance turnarounds are a normal part of operating energy production facilities, and key to maintaining safe and reliable supply.

Activities carried out during the 2022 maintenance campaign included equipment and regulatory inspections both offshore on board the 'Ichthys Explorer' CPF and 'Ichthys Venturer' FPSO, and at the Ichthys LNG onshore processing plant in Darwin.

Transport of the approximately 750 INPEX personnel and additional workers involved in the maintenance activity was coordinated from Broome and Djarindjin airports. The 'Triumph' accommodation support vessel, with a 500-person capacity, was contracted for the duration of the maintenance turnaround to cater for the large number of additional workers engaged in the offshore campaign.

Overall, the Ichthys LNG 2022 maintenance turnaround was completed safely and successfully by our personnel working together with more than 50 contractor companies over 45 days.

We are extremely appreciative to all our contractors and service providers in the Kimberley for their support in achieving this excellent outcome.

## Further development of the Ichthys Field

A series of additional offshore drilling and pipelay activities have been designed to support continued stable production from the Ichthys Field. These activities are progressing safely, with most of the offshore campaigns having been completed over the last year.

Between October to December 2021, contractor McDermott conducted an offshore pipeline and manifold structure installation program using specialised pipelay vessel, the DLV2000, and five support vessels. The pipelines and structures form part of new natural gas gathering infrastructure that will connect two new drill centres, each with up to six new wells, to the 'Ichthys Explorer' CPF.

Following on from the pipelay campaign, a five-month post-lay campaign was conducted with construction support vessel, the LV108. This campaign commenced in April 2022 and is scheduled for completion in Q4 2022. The final campaign for 2022 is planned for November and comprises the tie-in of a new well at an existing drill centre.

The campaigns have been supported for the duration by the Port of Broome.

Further offshore campaigns are planned for 2023 and 2024 to install and commission the remaining infrastructure to connect seven wellheads to the new gas gathering system.



*McDermott's LV108 supported post-lay activities, including the installation of new risers during the maintenance turnaround campaign.*

## **Browse Basin seismic data acquisition campaign**

From late 2021 through to March 2022, a seismic survey vessel under contract to INPEX acquired data in two exploration permits in the offshore Canning and Browse Basins.

The seismic survey vessel used hydrophones – microphones which detect sound waves under water – allowing for the creation of a two-dimensional map of the earth's subsurface (below the seabed).

Approximately 11,000 line kilometres of seismic data was acquired over 130 operational days of the survey. The data will be analysed to optimise the likely locations of oil and gas, integrating various other geological information.

The survey timing was planned to minimise environmental impacts and was conducted in accordance with an approved offshore environment plan.

This survey activity was operated out of the Port of Broome with accommodation, catering and fuelling requirements provided by the Broome business community.

*Seismic vessel towing streamer (photo credit: BGP)*



## Community investment in the Kimberley

Through our community investment activities in Australia, we aim to contribute to building communities that are vibrant, prosperous and resilient, and to be recognised as a trusted and valued member of our host communities.

To achieve this, we are investing in community development programs and initiatives that support meaningful outcomes in the areas of physical, mental and cultural health and wellbeing; education, training and skills development; local business capability and growth; and community connectivity and vitality.

In recent years, we have established three new strategic community partnerships in the Kimberley region under this framework – with the Broome Chamber of Commerce and Industry, The University of Notre Dame Australia, and Telethon Kids Institute. Each of these partnerships is supported by INPEX-led Ichthys Joint Venture.

We have also provided support for grassroots initiatives in 2022, including Broome PCYC's music room conversion project, Kullarri NAIDOC, A Taste of Broome Festival and the Shire of Broome's Chinatown Christmas Trails.

### COVID-19 support in the region



Over the wet season from 2021-2022, INPEX supported the air transport of COVID-19 vaccines to remote communities in the Kimberley region, in partnership with the Royal Flying Doctor Service (RFDS) and PHI Aviation.

Funding was provided to cover the cost of PHI-supplied helicopters used by RFDS to deliver vaccines to communities at times where it proved difficult to land fixed-wing aircraft in those areas. The vaccines were flown from Broome in portable freezers to maintain temperatures of -70°C.

Over that time, flights were made to provide vaccines to Bidadanga, Beagle Bay, One Arm Point and Lombadina.

### Broome Chamber of Commerce and Industry partnership



*Participants in one of BCCI's series of capacity building workshops (photo credit: BCCI)*

Established in 2021, we were pleased to recently renew a community partnership with the Broome Chamber of Commerce and Industry (BCCI) for 2022-2023.

Funded by INPEX-led Ichthys Joint Venture, the partnership was established to support capacity building initiatives that contribute to longer term growth and prosperity for local business in Broome and the broader region.

In its foundation year, the partnership supported BCCI's 'Grow Local' program (relaunched this year as the 'Kimberley Business Network'), a series of capacity-building workshops for local businesses, and support for the Broome Business Awards and Women's Leadership Forum.

In the next term, we are delighted to continue support for these initiatives and the 2022 Kimberley Economic Forum.

BCCI Chief Executive Officer, Sharni Foulkes, highlighted the importance for local business of the initiatives provided through the Kimberley Business Network and the importance of community partnerships.

"Our partnership with the Ichthys Joint Venture not only provides useful funding for our programs to strengthen and grow local business, but it also demonstrates the confidence of big business in our activities and what we are trying to achieve," Sharni said.

We are excited for this partnership over the coming year, and also grateful to BCCI for its ongoing support for our community engagement activities in Broome.

## The University of Notre Dame Australia partnership

This year marks the first year of a new community partnership with The University of Notre Dame Australia supporting activities at its Broome campus and across the region.

As a contribution of INPEX-led Ichthys Joint Venture, the partnership was established to provide funding for specialist educational support for Aboriginal Teaching Assistant (ATA) students undertaking CHC30213 Certificate III in Education Support and CHC40213 Certificate IV in Education Support studies at the University.

Specifically, ATAs have access to a language, literacy and numeracy specialist who supports their participation in the Western Australian Department of Training and Workforce Development's 'Underpinning Skills for Industry Qualification' (USIQ) course – an accredited course developed to improve outcomes for students enrolled in vocational qualifications.

The specialist – or USIQ Trainer – works together with the Education Support course trainer to help students fully understand the requirements of their course work, including unpacking assessment questions and providing guidance on how to respond.

ATAs studying at the University are actively employed at schools across the Kimberley region. To ensure ongoing engagement with ATAs throughout the school year, University staff periodically travel out to remote communities across the four regional shires – as far away from Broome as Warmun, Kununurra and Wyndham.

The USIQ Trainer travels to remote communities, giving more time for one-on-one support for ATAs and a window into the important role each ATA fills in their respective schoolroom.

Engagement during the school year is otherwise maintained through online platforms and block training weeks at the Broome campus.

USIQ Trainer, Michelle Shaw, noted it has been a great start to the program.

"Students are gaining confidence in their studies and are showing signs of motivation," Michelle said.

"I look forward to achieving higher target rates for enrolments in the USIQ trainer program and higher attendance for online learning."

Education Support Course Lecturer, Linda Kruger, remarked that the biggest impact and improvement in student learning has come from the regular contact Michelle has been able to establish with the students.

"The regular contact and feedback Michelle has facilitated over the semester has enabled students to not only get more work done on their assessments, but also get more comfortable using technology to communicate and to complete their course work," Linda said.

Outcomes from the first semester of the USIQ program have been very encouraging and will contribute to the Education Support course attainment outcomes for participating ATAs.

It is also fantastic to hear a number of ATAs are going on to pursue further studies following the completion of their course.



USIQ Trainer, Michelle Shaw, with Aboriginal Teaching Assistants (photo credit: The University of Notre Dame Australia)

## **Introducing Billy Bowles, INPEX Offshore Operations Technician**

Local Broome Senior High School graduate and Yawuru man, Billy Bowles is now in his second year of employment at INPEX, having joined the company in 2021 through its Solid Pathways employment program in the role of Offshore Operations Technician – Mechanical.

Prior to INPEX, Billy had completed a four-year apprenticeship through the National Energy Technician Training Scheme (NETTS).

As a Solid Pathways Program participant, Billy receives on-the-job and external training over 12-18 months, in preparation for potential long-term direct employment with INPEX Australia.

According to Billy, travelling to and from work via helicopter to one of the world's largest semi-submersible production platforms, the 'Ichthys Explorer' central processing facility, located 220 kilometres off the Kimberley Coast, is a highlight and a convenience as he gets to live in his hometown.

Billy said he has settled nicely into his new role and is building positive relationships with his colleagues.

"I am grateful for my team's patience, guidance and support as this is my first job as a fully qualified tradesman," Billy said.

"There's also good chemistry – a lot of trust and respect – between my team and other teams we work with, which makes the job a lot easier."

When off-roster, Billy enjoys reading, playing the occasional game of Aussie rules football, camping and fishing in and around the Kimberley region.

The NETTS program is an innovative collaboration between major energy companies and Programmed which aims to build a skilled, diverse and capable workforce for the future of the industry. It is one of the pathways to employment with INPEX.



"My main advice to anyone wanting to work offshore is to first get themselves a trade or qualification," Billy said.

"If you spend that time getting your qualification, if you study and work hard, then a lot of doors open for you."

Once he completes the Solid Pathway Program, Billy is hoping to become a permanent core crew member and advance his career at INPEX in the years to come.

Find out more about INPEX career opportunities at  
[www.inpex.com.au/careers](http://www.inpex.com.au/careers)



## **Introducing Heather Cudmore, Royal Flying Doctor Service Flight Nurse**

Heather Cudmore wanted to work for the Royal Flying Doctor Service (RFDS) for as long as she can remember.

From her early days working in the Emergency Department of Tasmania's second largest public hospital, Heather made it her goal to gain the experience and qualifications required to work for the RFDS.

In 2016, after securing a midwifery scholarship with RFDS's Western Operations and finishing the requisite qualifications, Heather and her family moved to Broome, and her life-long dream of working for the RFDS came true.

In Broome, Heather works with a team of RFDS flight nurses and doctors who fly on board PHI Aviation (PHI) helicopters to support search and rescue (SAR) and medevac missions.

Part of Heather's role is to manage the cache of INPEX-owned medical equipment and supporting medics on INPEX facilities. She also played a role in facilitating the movements of PCR testing equipment offshore and has been involved in projects to update RFDS's clinical bags and equipment.

Heather is qualified and trained to deliver care on board the RFDS PC-12 turboprop aircraft – which can carry two stretchered patients, and the PC-24 aircraft – equipped to carry three stretchered patients. She supports a range of other crucial duties and activities, including Newborn Emergency Transport Service (NETS) transfers and inter-hospital transfers between regions.

"There are many things I love about working for the RFDS," Heather said. "The multidisciplinary team that makes up the flight crew on any given day, where each role is valued and necessary; the depth and breadth of knowledge and skills required to be a 'specialist generalist'; and the autonomy and low nurse-to-patient ratios."

Of many memorable moments working for the RFDS, Heather recalled one particular retrieval on board the PHI SAR helicopter during a night-time recovery of an Indonesian fisherman from an Australian government vessel.

"His vessel had capsized, and he and his two fellow crewmates had spent an estimated 24-48 hours clinging to the wreck in the water," Heather recalled.

"The medic on board the government vessel gave lifesaving treatment until we arrived overhead about 2:00 AM, whereby the man was winched to the helicopter in a



stretcher by the PHI crew. Once we reached a safe altitude again, the RFDS doctor and I gave further lifesaving treatment, including an emergency intubation, during the two-hour flight back to Broome."

Three weeks later, after making an excellent recovery, the man was discharged from hospital.

Speaking on the challenges and opportunities of the role, Heather talked about completion of her Graduate Diploma of Aeromedical Retrieval and working as the SAR Nursing Lead over the years.

"There are unique challenges to overcome in the helicopter work environment, such as noise, vibrations, low light and confined workspace," Heather noted.

"Training in that environment definitely helps with meeting those challenges in the 'real world' taskings."

Heather is married with three teenage children, all who live in Broome. She enjoys the relaxed nature of the people and lifestyle the Kimberley brings, and when she gets the chance, loves getting out into the wider Kimberley to spend time in nature, camping near one of the many beautiful gorges or beaches.

## Supporting a cleaner energy future

Australia will play an important role in INPEX CORPORATION’s commitment to a cleaner energy future.

As outlined in the INPEX Vision@2022, the company is actively focused on achieving a net zero carbon society by 2050.

Key to this, is developing five new net zero businesses globally by 2030 in the areas of hydrogen, renewable energy, methanation, forest conservation and carbon capture and storage.

Australia is well positioned to contribute to the energy transition while simultaneously enhancing energy security in the region. A number of net zero projects are already under consideration and some in the early assessment phase.

Most recently, INPEX was successful in being jointly awarded a greenhouse gas storage offshore assessment permit (G-7-AP) for acreage located offshore in the Bonaparte Basin off in northern Australia.

The G-7-AP acreage has the potential to support one of the largest carbon capture and storage (CCS) projects in the world, not only for energy projects like Ichthys LNG, but also for the next generation of clean fuels.

The energy transition will require the transformation of gas in particular – and the successful deployment of CCS is critical to that objective.

INPEX as Operator will pursue CCS appraisal work together with TotalEnergies, CCS Australia and Woodside Energy, in a joint venture known as Bonaparte CCS Assessment.

‘INPEX Vision@2022’ can be viewed at the INPEX CORPORATION website  
[www.inpex.co.jp](http://www.inpex.co.jp)

### INPEX Vision@2022

#### 5 net zero businesses by 2030



Expand each business at an accelerated pace and become recognized as a credible key player

#### Oil & gas business



Maintain stable energy supply, while becoming a cleaner energy provider

**2050**

Challenge for net zero

Be a company rich in vitality, creativity and diversity, capable of sustainable development

## Spotlight on the Kimberley

Tune in to Network Seven or 7+ online in late 2022 to see a couple of local celebrities in a Kimberley-based episode of "Our Town".

We were pleased to participate once again in this landmark Western Australian television show, to share more of the story about our operations in the Kimberley region and the amazing support we receive, in particular from Broome and Djarindjin communities.

In this episode, our respective business and community partnerships with PHI Aviation/Royal Flying Doctor Service and the Broome Chamber of Commerce and Industry (BCCI) will be highlighted.

Be on the lookout for these familiar faces.

## Hearing your thoughts

Thank you to everyone who took the time in September and October to participate in the 2022 INPEX engagement survey.

Conducted on our behalf by an external consultant, we invited the Kimberley community and business stakeholders to share their views of INPEX, Ichthys LNG, and our business and community relationships and social contributions through a brief survey.

We greatly appreciate the feedback from everyone who shared their thoughts, and this valuable input will help inform our future engagement activities in the Kimberley – an important region for our INPEX-operated Ichthys LNG energy development.

*BCCI CEO Sharni Foulkes and PHI Search and Rescue Crewperson Sonny Dann will star in an upcoming "Our Town" special on the Kimberley.*






### Community enquiries

Please contact us with any enquiries or questions on 1800 705 010 or [enquiries@inpe.com.au](mailto:enquiries@inpe.com.au)

*Ichthys LNG is a joint venture between INPEX group companies (the Operator), major partner TotalEnergies, and the Australian subsidiaries of CPC Corporation Taiwan, Tokyo Gas, Osaka Gas, Kansai Electric Power, JERA and Toho Gas. INPEX CORPORATION is Japan's flagship energy company. Engaged in projects located in approximately 20 countries worldwide, INPEX is listed on the Tokyo Stock Exchange, and 18.9 per cent owned by the Japanese Government.*

*INPEX is committed to managing business activities responsibly in all countries in which we operate, and to playing our part in achieving the Sustainable Development Goals.*

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SUSTAINABLE DEVELOPMENT GOALS

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