

Appendix D:
Pre-referral Consultation



D.1 Pre-referral stakeholder consultation log

Jurisdiction	Stakeholder	General Description	INPEX Consultation Category	INPEX Consultation Strategy Level	Outgoing Date	Incoming Date	Type of Correspondence	Attachments provided (additional info such as map, fact sheet etc)	Potential or specific impacts raised by stakeholder	Summary of Correspondence / Summary statement of INPEX response	Stakeholder request for ongoing consultation
Department, Agency, Minister											
Commonwealth	Indigenous Land and Sea Corporation (ILSC)	The Indigenous Land and Sea Corporation (ILSC) is a corporate Commonwealth entity established under the Aboriginal and Torres Strait Islander Act 2005 (ATSIA Act).	Category 3	Level C	4/11/2024	N/A	Email	Fact sheet with scope overview	N/A	No response received.	
Commonwealth	Department of Agriculture, Fisheries and Forestry (DAFF) - Biosecurity and Trade Branch, Marine Pests, Vessels, Aircraft and Personnel Section	Responsible for managing the threat of biosecurity risks to Australia including marine pests, terrestrial pests, etc).	Category 1	Level B	9/08/2023	N/A	Email	N/A	N/A	First Point and Non-first point for Module Offloading Facility	
					N/A	21/08/2023	Email	N/A	N/A	INPEX provided detail requested.	
					N/A	22/09/2023	Email	N/A	N/A	Provided advice - If INPEX were to proceed with the MOF as a non-first point, recommendation to reach out closer to the activity timeframe when specifics of origin and journey were available.	
					28/02/2024	N/A	Email	N/A	N/A	Enquiry about the process for having the MOF determined as a First Point of Entry (as opposed to obtaining approval to arrive at a non-first point).	
					N/A	19/03/2024	Email	N/A	N/A	Request for further details.	
					19/03/2024	N/A	Email	N/A	N/A	Details provided.	
					20/06/2024	N/A	Teams Meeting	N/A	N/A	First Point and Non-first point for Module Offloading Facility.	
					18/07/2024	N/A	Email	N/A	N/A	Sent a Biosecurity Management Proposal for importing modules to the MOF as agreed in meeting on 20/6/24.	
					N/A	20/08/2024	Email	N/A	N/A	Information provided on first point of entry (FPOE) requirements and templates provided.	
					7/11/2024	N/A	Email	N/A	N/A	Fact sheet with scope overview	N/A
					21/01/2025	N/A	Teams Meeting	N/A	First Point of Entry Determination for INPEX site in Darwin	Agreement of process and approximate timing to achieve a determination of FPOE to receive 'General Goods'. Workshop timing to be proposed by INPEX to progress.	Yes, ongoing consultation required relating to specific activities.
Northern Territory	Department of Mining and Energy (DME) - Energy Division (formerly DITT)	Responsible for mineral and energy titles, explorations, geosciences information, mining authorisations and reporting. Relevant to NT jurisdiction including NT coastal waters.	Category 1	Level A	21/08/2024	N/A	In person meeting	Presentation slide pack	N/A	DITT confirmed that a pipeline licence is not required for the section within ILNG boundary, where it is wholly contained within the plant site.	Yes, ongoing consultation required relating to specific activities.
Northern Territory	Department of Tourism and Hospitality - Tourism NT	Promotion of the NT as tourism destination for interstate and overseas visitors	Category 1	Level C	4/11/2024	N/A	Email	Fact sheet with scope overview	N/A	No response received.	
Northern Territory	Aboriginal Areas Protection Authority (AAPA)	Responsible for overseeing the protection of Aboriginal sacred sites on land and sea across the whole of the NT. Limited to NT waters and sacred sites in the NT.	Category 1	Level A	4/11/2024	N/A	Email	Fact sheet with scope overview.	N/A	Fact sheet with scope overview and details of existing AAPA certificates applicable to the scope of works.	
					N/A	11/05/2024	Email	N/A	N/A	Acknowledged receipt 5/11 and advised AAPA would reach out if any further info required.	
					27/11/2024	N/A	Email	Follow up email and offer of briefing.	N/A	No response received.	AAPA certificates in place for the proposed work areas.
Northern Territory	Department of Lands, Planning and Environment (DLPE) - Heritage	The Heritage branch works with the community to conserve the unique and diverse heritage of the Northern Territory. The branch supports the Heritage Council, provides advice about heritage management, promotes heritage and encourages good conservation practice, oversees the NT Heritage Grants Program and the Rates Relief Program, and works with other government departments to conserve Government-owned heritage assets.	Category 1	Level B	4/11/2024	N/A	Email	Fact sheet with scope overview	N/A	Fact sheet with scope overview and details of existing AAPA certificates applicable to the scope of works and chance find procedure proposed.	
					27/11/2024	N/A	Email	N/A	N/A	INPEX offer of briefing on the Project Scope. Meeting arranged for the 04 December 2024.	
					4/12/2024	N/A	In person meeting	Presentation slide pack	N/A	INPEX provided an overview of the scopes and approach to heritage management. HB advised early engagement was welcomed and INPEX invited to send through any requests for information in the meantime.	Yes, ongoing consultation required relating to specific activities.

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Northern Territory	Darwin Harbour Advisory Committee (DHAC)	The Darwin Harbour Advisory Committee provides advice to the Northern Territory (NT) Government through the Minister for Environment, Parks and Water Security (the Minister) on the effective management of Darwin Harbour and its catchment.	Category 1	Level C	4/11/2024	N/A	Email	Fact sheet with scope overview	N/A	No response received. Note, following the NT Election, DHAC was in hiatus until July 2025.	
					15/07/2025	N/A	Email	Fact sheet	N/A	Request to present on INPEX activities (including the proposed Project scope) to DHAC meeting.	
					16/07/2025	N/A	Email	N/A	N/A	DHAC confirm the INPEX projects had been added to the agenda for the meeting on 05 August 2025.	
					5/08/2025	N/A	In person meeting	Presentation	N/A	INPEX provided an overview of all INPEX activities including the proposed the Project.	Yes, ongoing consultation required relating to specific activities.
Northern Territory	Department of Logistics and Infrastructure (DoLI) - Transport and Road Safety Division, Marine Safety Branch	The Transport Safety and Services division regulates public transport and commercial passenger vehicles, develops road safety policy, education and awareness programs, regulates marine safety and vehicle registration and driver licensing.	Category 1	Level B	4/11/2024	N/A	Email	Fact sheet with scope overview	N/A	No response received.	
Northern Territory	Department of Logistics and Infrastructure (DoLI) - Darwin Harbourmaster	The Darwin Harbour Master is responsible for: Notice to Mariners, establishment of exclusion zones, marine traffic, in Darwin Harbour.	Category 1	Level A	4/11/2024	N/A	Email	Fact sheet with scope overview and offer of briefing.	N/A	INPEX Marine Manager and Project Manager copied in to correspondence.	
					6/05/2025	N/A	In person meeting	N/A	N/A	MOF maintenance – 2026, Maintenance dredging – 2027 (currently planned to align with shutdown, unless dredging equipment is available earlier), Module arrivals 2028/2029.	Yes - schedule of activities, communication and engagement plans to be developed to support activities.
Northern Territory	Department of Lands, Planning and Environment (DLPE) - Development Assessment Services	The Agency provides land use planning and building control, government land information, land administration, and land development services.	Category 1	Level B	4/11/2024	N/A	Email	Fact sheet with scope overview	N/A	No response received.	
					12/11/2024	N/A	Email	Fact sheet with scope overview	N/A	INPEX made aware of new contact email address and Project information was re-sent. No response received.	
Northern Territory	NT WorkSafe	NT WorkSafe is the administrative and regulatory arm of the Northern Territory Work Health Authority, the statutory body established under the Work Health and Safety Act 2011.	Category 1	Level B	4/11/2024	N/A	Email	Fact sheet with scope overview	N/A	INPEX Government and Regulatory Approvals personnel copied.	
Northern Territory	Northern Territory Police - Water Police	Police	Category 2	Level B	4/11/2024	N/A	Email	Fact sheet with scope overview	N/A	No response received.	
Northern Territory	HMAS Coonawarra Naval Base	HMAS Coonawarra Naval Base	Category 2	Level C	4/11/2024	N/A	Email	Fact sheet with scope overview	N/A	No response received.	
Northern Territory	Department of Agriculture and Fisheries (DAF) - Fisheries Division, Aquatic Biosecurity Section	Management of marine pest risks to NT.	Category 1	Level B	4/11/2024	N/A	Email	Fact sheet with scope overview	N/A	No response received.	
Northern Territory	Department of Lands, Planning and Environment (DLPE) - Crown Land Estate	The Crown Land Estate is responsible for managing Crown land in the Northern Territory (NT).	Category 1	Level A	12/11/2024	N/A	Email	Fact sheet with scope overview	N/A	No response received.	
Local Government Authority											
Northern Territory	City of Darwin	Local government serving Darwin.	Category 1	Level B	4/11/2024	N/A	Email	Fact sheet with scope overview	N/A	No response received.	

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Northern Territory	City of Palmerston Council	Local government serving Palmerston	Category 1	Level B	4/11/2024	N/A	Email	Fact sheet with scope overview	N/A	No response received.	
					5/07/2025	N/A	Email	N/A	N/A	Offering of briefing on Project activities at the next council meeting (15 July 2025).	
					15/07/2025	N/A	In person meeting	Presentation pack and core sample	Parking, local industry participation	Key questions around workforce increases/transiting through Palmerston / parking options for local workers	Annual briefing, email updates as required.
Northern Territory	Litchfield Council	Local government for Litchfield. ILNG facilities located in municipality of Litchfield.	Category 1	Level B	4/11/2024	N/A	Email	Fact sheet with scope overview	N/A	No response received.	Ongoing consultation briefing to be scheduled post-council elections in August.
Aboriginal and Torres Strait Island Community											
Northern Territory+C43:P66	Larrakia Development Corporation (LDC)	Responsible for creating economic opportunities for all Larrakia people through the creation and operation of sustainable businesses models, and the maintenance of the Larrakia Development Trust. Located near Darwin.	Category 1	Level A	4/11/2024	N/A	Email	Fact sheet with scope overview, details of AAPA certificates in place and offer of briefing	N/A	INPEX emails LDC with a fact sheet with scope overview, details of AAPA certificates in place and offers of briefing to further discuss the proposal.	
					N/A	18/11/2024	Email	INPEX copied into email to NTG agencies (AAPA and Heritage Branch)	N/A	LDC raises concerns about sacred sites, heritage management and advises INPEX that Larrakia consultation framework agreement was in development.	
					27/11/2024	N/A	Email	N/A	N/A	INPEX responds to acknowledge concerns raised, and advises that the appropriate AAPA certificates are in place and activity would occur in a pre-disturbed footprint only. INPEX proposes a meeting to discuss the matter in more detail.	
					N/A	27/11/2024	Email	N/A	N/A	LDC raises concerns about the nature of consultation for this activity and advises that it did not meet standards of draft Larrakia consultation framework agreement, which is currently being developed.	
					N/A	N/A	N/A	N/A	N/A	Based on the feedback received from LDC, INPEX makes a decision to defer referral activity submission to Q1 2025 in order to engage Larrakia families on the proposed activities, using methods previously supported by LDC and LNAC in 2023 for Environment Plan consultation activities.	
					22/01/2025	N/A	Email	N/A	N/A	INPEX Senior Leadership emails LDC to acknowledge the concerns raised and welcomes the opportunity to meet and discuss the Larrakia consultation framework agreement under development. Advised the engagement team would reach out with consultation opportunities for Larrakia families.	
					31/01/2025	N/A	Email	N/A	N/A	INPEX advises LDC of consultation drop in sessions that have been planned for Larrakia families to meet with the project team from 7-9 February.	
					N/A	6/02/2025	Email	N/A	N/A	LDC emails INPEX with a copy of the draft Larrakia Consultation Framework Agreement.	
					7/02/2025	N/A	In person meeting	N/A	N/A	INPEX and LDC Chair meet to discuss draft Consultation Framework Agreement. Further meetings and discussion are required, and both agree to meet again in the coming month.	
					7/03/2025	N/A	In person meeting	N/A	N/A	INPEX and LDC meet again, acknowledging the proposed Consultation Framework Agreement and Larrakia people's objectives. INPEX seeks guidance and continued discussions on way forward for engaging and consulting Larrakia community.	The proposed Framework Agreement pertains to all INPEX Australia activities on Larrakia country and is not solely related to the scope being referred. Engagement on this initiative is actively progressing between INPEX and the three Larrakia organisations.

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					21/05/2025	N/A	In person meeting	Presentation slide pack	Request for further information about potential DLNG tie in point.	Briefing held to provide scope overview including: INPEX Australia and Ichthys LNG Carbon Capture and Storage (CCS) INPEX CCS activity overview and Onshore preparedness overview Questions LDC request to hold combined briefing with all three Larrakia organisations - LDC, Gwalwa Daraniki Association, Larrakia Nation Chairs and CEOs.	
					16/06/2025	N/A	In person meeting	Presentation slide pack	N/A	As suggested by LDC, same briefing was provided to LDC/LNAC/GDA: INPEX Australia and Ichthys LNG Carbon Capture and Storage (CCS) INPEX CCS activity overview and Onshore preparedness overview Questions	Yes, ongoing consultation required relating to specific activities.
Northern Territory	Larrakia Nation Aboriginal Corporation (LNAC)	Set up in 1997 through the Northern Land Council to provide a corporate identity for Larrakia people to uphold Native Title claims. Cover social, community and local roles. Located near Darwin.	Category 1	Level A	4/11/2024	N/A	Email	Fact sheet with scope overview, details of AAPA certificates in place and offer of briefing	N/A	Fact sheet with scope overview, details of AAPA certificates in place and offer of briefing	
					18/11/2024	N/A	Email	Follow up email	N/A	No response received.	
					N/A	N/A	Phone Call	Left message about drop in sessions.	N/A	Attempted to contact LNAC CEO to advise about Larrakia specific consultation sessions and offer to discuss.	
					31/01/2025	N/A	Email	Details of Larrakia consultation drop in sessions	N/A	INPEX advises LNAC CEO of consultation drop in sessions that have been planned for Larrakia families to meet with the project team from 7-9 February.	
					7/03/2025	N/A	In person meeting	N/A	N/A	Acknowledging the proposed Consultation Framework Agreement and Larrakia people's objectives, sought guidance and continued discussions on way forward for engaging and consulting Larrakia community.	The proposed Framework Agreement pertains to all INPEX Australia activities on Larrakia country and is not solely related to the scope being referred. Engagement on this initiative is actively progressing between INPEX and the three Larrakia organisations.
					16/06/2025	N/A	In person meeting	Presentation slide pack and fact sheet	N/A	As suggested by LDC, same briefing was provided to LDC/LNAC/GDA: INPEX Australia and Ichthys LNG Carbon Capture and Storage (CCS) INPEX CCS activity overview and Onshore preparedness overview Questions	Yes, ongoing consultation required relating to specific activities.
Northern Territory	Gwalwa Daraniki Aboriginal Corporation	One of three Larrakia organisations.	Category 2	Level A	27/11/2024	N/A	Email	Fact sheet and offer of f2f briefing the following week.	N/A	No response received	
					31/01/2025	N/A	Email	Details of Larrakia consultation drop in sessions	N/A	No response received	
					16/06/2025	NA	In person meeting	Presentation slide pack and fact sheet	N/A	GDA was an apology for the meeting. INPEX followed up with an alternative meeting time.	Yes, ongoing consultation required relating to specific activities.
Northern Territory	INPEX Larrakia Advisory Committee (ILAC)	The Larrakia Reference Group was formed in 2016 to provide INPEX with a conduit to Larrakia people to provide guidance and advice on Larrakia culture and heritage, the environment and employment and training. Following a request from INPEX to assist with the development of the Larrakia Ichthys LNG Foundation Trust (LIFT), the Larrakia Reference Group became the INPEX Larrakia Advisory Committee (ILAC) in 2017 and the LIFT commenced in late 2018.	Category 1	Level A	5/09/2024	N/A	Teams Meeting	Presentation - scope overview, Project GM	N/A	Briefing about early stage, scope being finalised.	ILAC requested copy of fact sheet when available
					4/11/2024	N/A	Email	Fact sheet with scope overview, details of AAPA certificates in place and offer of briefing	N/A	N/A	
					31/01/2025	N/A	Email	Details of Larrakia consultation drop in sessions	N/A	INPEX advises ILAC of consultation drop in sessions that have been planned for Larrakia families to meet with the project team from 7-9 February.	ILAC will continue to receive INPEX business updates, inclusive of AGRU and CCS preparedness project activities during routine meetings.

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Businesses											
Northern Territory	Chamber of Commerce NT (CCNT)	Peak industry body that represents and supports businesses in the Northern Territory.	Category 1	Level C	4/11/2024	N/A	Email	Fact sheet with scope overview	N/A	No response received.	
Northern Territory	Tourism Top End	A non-government, not-for-profit organisation that supports business members to promote tourism.	Category 3	Level C	4/11/2024	N/A	Email	Fact sheet with scope overview	N/A	No response received.	
Northern Territory	Darwin Port (Darwin Port Operations Pty Ltd)	Responsible for the operations of commercial wharf at East Arm and Fort Hill, movement and management of commercial vessels within Darwin Port limits.	Category 1	Level A	4/11/2024	N/A	Email	Fact sheet with scope overview	N/A	No response received.	
Northern Territory	SANTOS	Operator of the Darwin LNG Facility.	Category 1	Level B	4/11/2024	N/A	Email	Fact sheet with scope overview	N/A	No response received.	
Northern Territory	Communication and Stakeholder Engagement Manager	The NTG is delivering both projects	Category 2	Level B	4/11/2024	N/A	Email	Fact sheet with scope overview and offer of briefing	N/A	No response received.	
	Darwin Harbour Infrastructure Projects - Infrastructure NT				6/05/2025	N/A	In person meeting	Map	N/A	Meeting covered a number of INPEX activities beyond the Project scope. No specific issues were raised by the stakeholder in relation to the Project scope.	
Northern Territory	Industry Capability Network (ICN) NT	The ICN NT is a primary enabler of local business participation in major projects throughout the Northern Territory.	Category 3	Level B	4/11/2024	N/A	Email	Fact sheet with scope overview	N/A	No response received.	
Northern Territory	Energy Club NT	Peak industry organisation.	Category 3	Level B	4/11/2024	N/A	Email	Fact sheet with scope overview	N/A	No response received.	
Northern Territory	Master Builders NT	Peak member organisation.	Category 3	Level B	4/11/2024	N/A	Email	Fact sheet with scope overview	N/A	No response received.	
Northern Territory	Property Council NT	Peak member organisation.	Category 3	Level B	4/11/2024	N/A	Email	Fact sheet with scope overview	N/A	No response received.	
Northern Territory	Darwin Waterfront Corporation	Manages and promotes the Darwin Waterfront Precinct as a hub for living, business, and events.	Category 3	Level B	4/11/2024	N/A	Email	Fact sheet with scope overview	N/A	No response received.	
Northern Territory	NT Airports	Airport Development Group (ADG) is a Darwin-based company with diverse assets across the NT.	Category 1	Level B	4/11/2024	N/A	Email	Fact sheet with scope overview	N/A	No response received.	
Northern Territory	Darwin Port (Darwin Port Operations Pty Ltd)	Responsible for the operations of commercial wharf at East Arm and Fort Hill, movement and management of commercial vessels within Darwin Port limits.	Category 1	Level A	4/11/2024	N/A	Email	Fact sheet with scope overview and offer of briefing	N/A	No response received.	
Northern Territory	Power and Water Corporation (PWC)	A government-owned utility delivering electricity, water, and sewerage services across the Northern Territory, including Darwin, where CCS infrastructure is planned.	Category 1	Level B	4/11/2024	N/A	Email	Fact sheet with scope overview	N/A	No response received.	
Northern Territory	Palmerston Regional Business Association	Local business and community support and advocacy.	Category 2	Level C	4/11/2024	N/A	Email	Fact sheet with scope overview	N/A	Email bounced back and was resent. No response received.	

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eNGOs											
Northern Territory	The Environment Centre NT (ECNT)	The Environment Centre NT (ECNT) is a peak not-for-profit community sector environment organisation in the NT.	Category 3	Level C	4/11/2024	N/A	Email	Fact sheet with scope overview	N/A		
					5/11/2024	N/A	Email	N/A	N/A	Request for a briefing on proposed activities.	
					11/11/2024	N/A	Email	N/A	N/A	INPEX identified that a face to face briefing could be arranged with the Project team on 03 December 2025.	
					3/12/2024	N/A	In person meeting	Briefing	N/A	INPEX provided an overview of all INPEX activities including the proposed the Project. Key questions related to the overall CCS concept and current operations versus specific activities being considered for this specific Project.	Yes - requested to be kept informed of all INPEX activities being proposed.
Northern Territory	Top End Coasts	Keep Top End Coasts Healthy works with the community, stakeholders and government to safeguard the health of Top End coasts to secure the lifestyle, culture and fishing is maintained. Consists of an alliance of environment groups including the Australian Marine Conservation Society, the Pew Charitable Trusts and the Environment Centre of the Northern Territory.	Category 3	Level C	4/11/2024	N/A	Email	Fact sheet with scope overview	N/A	No response received.	
Fishing Industry Associations											
Northern Territory	Amateur Fishermen's Association of the Northern Territory (AFANT)	Peak body for recreational fishing in the NT.	Category 1	Level B	4/11/2024	N/A	Email	Fact sheet with scope overview	N/A	No response received.	
Northern Territory	Northern Territory Seafood Council (NTSC)	The peak representative body for the wild catch, aquaculture and trader/processor seafood sectors in the Northern Territory.	Category 1	Level B	4/11/2024	N/A	Email	fact sheet with scope overview	N/A	Email bounced back and was resent.	
					11/11/2024	N/A	Email	fact sheet with scope overview	N/A	No response received.	
Northern Territory	Palmerston Game Fishing Club	Club representing recreational fishers (via membership) in Palmerston NT.	Category 1	Level B	4/11/2024	N/A	Email	fact sheet with scope overview	N/A	No response received.	
Northern Territory	Darwin Game Fishing Club	Club representing recreational fishers (via membership) in Darwin NT.	Category 1	Level B	4/11/2024	N/A	Email	fact sheet with scope overview	N/A	No response received.	

D.2 Consultation materials

D.2.1 Project fact sheet



Infrastructure upgrades at the Ichthys LNG onshore facilities

INPEX Operations Australia Pty Ltd (INPEX), on behalf of the Ichthys Joint Venture, is currently in the process of preparing referrals to support carbon capture and storage (CCS) readiness activities, as required under the Northern Territory Environment Protection Act 2022 and the Commonwealth Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act).

INPEX carbon capture and storage (CCS) activities

INPEX is actively working to decarbonise its operations, to provide a stable supply of diverse and clean energy sources.

Key to the planned decarbonisation of the INPEX-operated Ichthys LNG facilities is the development of a CCS compression system at Bladin Point, near Darwin. CCS is a safe and proven emissions reduction technology enabling the capture of carbon dioxide (CO₂) during liquefied natural gas (LNG) production.

The extracted CO₂ can then be compressed and transported via a pipeline to a permanent underground storage reservoir.

INPEX aims to be CCS-ready by the late 2020s and is currently preparing for upgrades to key infrastructure at the Ichthys LNG onshore facilities to enable the separation and capture of CO₂ during LNG production.

In parallel, INPEX is assessing the technical and commercial feasibility of transporting, and permanently and safely storing CO₂ in a deep subsea geological basin. This includes investigating potential pipeline routes for transporting CO₂ from the Ichthys LNG onshore facilities to suitable offshore storage locations.

These development opportunities are subject to separate future approvals.

What is changing at the Ichthys LNG onshore facilities?

At the Ichthys LNG onshore facilities near Darwin, natural gas is transported by an 890-kilometre-pipeline from the Ichthys Field offshore Western Australia where it is processed, ready for export to the Indo-Pacific region.

In its raw or unprocessed form, natural gas contains CO₂. This is separated from LNG during processing. INPEX on behalf of its joint venture participants is proposing to install a CCS compression system and additional modularised equipment to upgrade the Acid Gas Removal Units (AGRU) at the Ichthys LNG onshore facilities.

This will allow the CO₂ removed from the natural gas to be redirected, compressed, treated, transported by pipeline and stored permanently in deep subsea geological basins.

To support this, construction and installation activities are proposed to connect with existing Ichthys LNG processing systems – located in LNG Trains 1 and 2.



Scan to watch



General Processing at Ichthys LNG



1

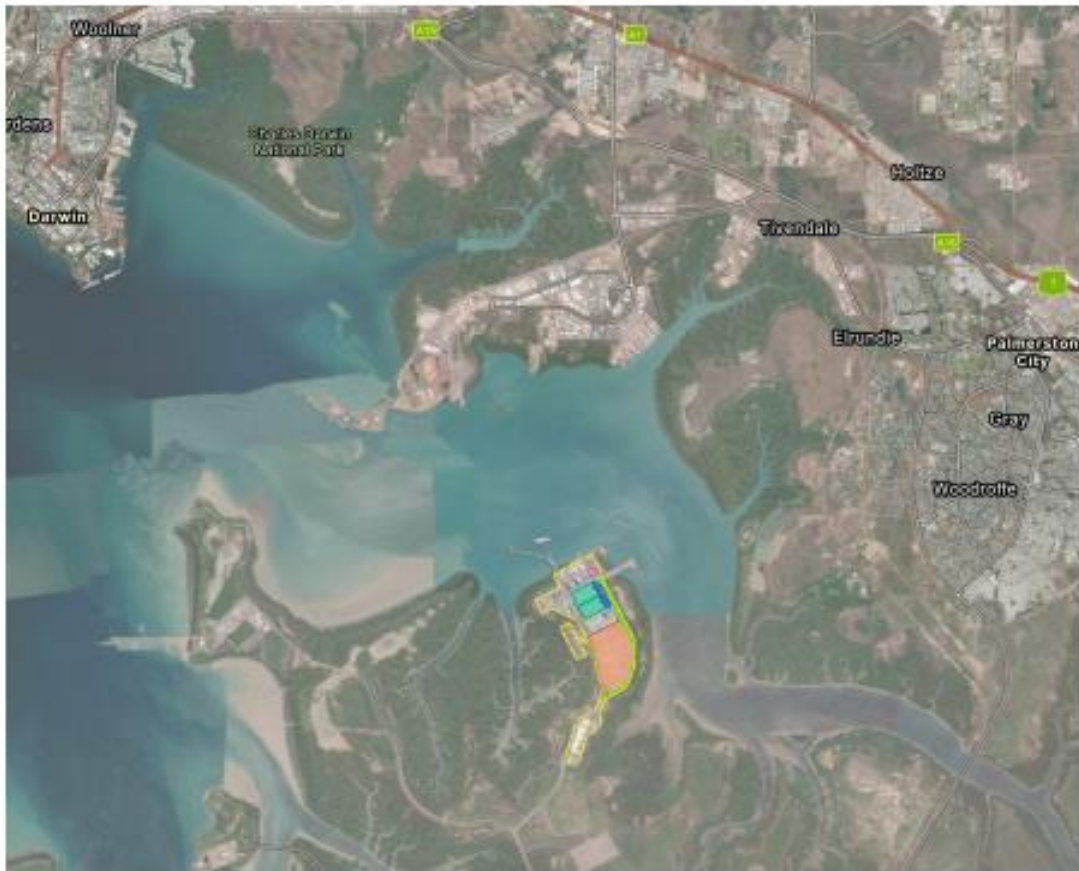


Figure 1 Location of proposed upgrade and new infrastructure works within the Ichthys LNG onshore facilities.

Overview of proposed construction and installation activities at Ichthys LNG

The following activities are required during construction and installation:

- Establishment of temporary laydown and office areas within the existing site boundary.
- Site preparation and completion of civil works.
- Maintenance dredging at the module offloading facility (MOF).
- Delivery of up to seven pre-fabricated modules and up to 12 pipe racks via the MOF.
- Installation, testing and preservation of new CCS compression system (including compressors and an in-plant section of CO₂ export pipeline).
- Installation, testing and preservation of AGRU modules.

Overview and location of proposed works

All works associated with construction and installation of new infrastructure is located wholly within the Ichthys LNG plant boundary, within pre-existing disturbed areas. No new clearing will be required.

Minor maintenance dredging works are proposed within the existing berthing pockets of the MOF. Spoil removed during maintenance dredging is proposed to be disposed of in the Beagle Gulf, at the same dredge spoil disposal area used during the construction of Ichthys LNG.



Figure 2 Overview of proposed infrastructure upgrades at the Ichthys LNG onshore facilities.

Establishment of temporary facilities and laydown areas

From the commencement of site preparation and throughout the construction phase, areas within Ichthys LNG will be needed for laydown or to cater for other temporary facilities. These may include, but are not limited to, storage areas for equipment and materials (piping materials, cables, steel, etc.), temporary workshops, offices and cribs, ablution facilities and parking areas.

Site preparation and civil works

Site preparation and civil works are required prior to the installation of prefabricated modules and the in-plant CO₂ pipeline. Such works include, but are not limited to:

- Earthworks and trenching required to support module foundation, in-plant CO₂ pipeline and other underground utilities.
- Construction of module foundations including installation of bored piles and concrete pads.



Figure 3 Berth pockets at the module offloading facility.

Maintenance dredging at the Module Offloading Facility (MOF) berth pockets

Over time, sediment has naturally accumulated within areas of the existing dredged MOF footprint berth pockets. This has the potential to impact on the MOF's operability, in terms of restricting safe clearance of vessels which will be used to import modules. To support the proposed upgrades, a minor maintenance dredging campaign is required to be undertaken within the existing berth pockets of the MOF (Figure 3).

Maintenance dredging at the MOF is proposed to be undertaken by a single backhoe dredge. A maximum volume of 50,000 cubic metres of spoil is required to be removed and loaded onto a split hopper barge and subsequently transported to a dredge spoil disposal area (DSDA - Figure 4).

The duration of the MOF maintenance dredging campaign is estimated to be approximately eight weeks. The timing of the campaign is indicatively scheduled for Q3/ Q4 2026, prior to the arrival of the first modules; however, the exact timing is subject to final environmental and regulatory approvals and dredge vessel availability (including consideration of dredge vessels of opportunity). To date, no maintenance dredging has been required at the Ichthys LNG onshore facilities.



Figure 4 Minor dredging campaign location and dredge spoil disposal area.



Figure 5 Module being unloaded at the MOF during construction of Ichthys LNG onshore facilities in 2016.

Delivery of prefabricated modules

To support the development of the new infrastructure, prefabricated modules will be delivered to the site via specialised vessel/barge and offloaded at the MOF. Between seven and ten equipment modules and a series of pipe rack modules are expected to be delivered at various stages between 2028 and 2029.

New infrastructure to be installed at Ichthys LNG

New infrastructure is proposed to be installed, including:

- Modularised equipment to upgrade two Acid Gas Removal Units
- CCS compressor modules (including auxiliary vents)
- In-plant section of CO₂ export pipeline, export metering, and PIG (pipeline inspection gauge) launcher
- A modular building with combined electrical and control equipment to power and control the new facilities
- A common dehydration module
- A water treatment system, including water tanks, to treat and reuse water recovered from the CO₂ stream.

Refer to Figure 1 showing indicative location of proposed new equipment at the Ichthys LNG onshore facilities.

The new CCS infrastructure will involve installation and non-operational commissioning of the equipment. Once commissioned, the equipment will remain in place and preserved until the CCS storage and transport options have been finalised and environmental approvals are obtained to operate.

Specialised pipeline materials are likely to be delivered to East Arm and transported to site via road or may be brought in over the MOF.

During the initial site preparation and site civil works at Ichthys LNG, the in-plant CO₂ pipeline will be installed in a corridor trench.

The PIG launcher will be installed following site preparation works, to be located at the start of the pipeline. It will remain in situ in preparation for connection to a viable CCS project. Commissioning and future operation of the CCS export pipeline is subject to a separate approval.

Approvals and timelines management

Ichthys LNG upgrades and new infrastructure

Ichthys LNG upgrades and new infrastructure required within the Ichthys LNG onshore facility will be referred under the Northern Territory Environment Protection Act 2019 and Commonwealth EPBC Act.

INPEX is currently preparing the referrals to support these activities. The Ichthys LNG upgrades and new infrastructure referral is planned to be submitted in Q4 2024.

MOF maintenance dredging

Maintenance dredging was assessed as part of the larger Ichthys Project Commonwealth approval under the EPBC Act, as such EPBC 2008/4208 Condition 10 of the Ichthys LNG Project applies. In contrast, in the Northern Territory, any dredging activity needs to be referred to the Minister for consideration under the Northern Territory Environment Protection Act 2019. INPEX is currently undertaking sediment transport modelling to understand the potential impacts associated with maintenance dredging at the MOF, to assist in determining the appropriate management and monitoring required. The outputs of modelling, management and monitoring for the activity will be presented in the subsequent referral application and MOF Maintenance Dredging and Spoil Disposal Management Plan (MOF Maintenance DSDMP) developed for the campaign. The MOF Maintenance dredging referral is planned to be submitted in Q1 2025.

Indicative timeline

The earliest the proposed works could commence at Ichthys LNG is in Quarter 3 2026. Works will progressively occur at Ichthys LNG until completed; provisionally estimated to be sometime in either Quarter 4 2029 or Quarter 1 2030.

Working with the local community

At INPEX, we believe effective community engagement is essential to forging trusted and strong relationships within the communities in which we operate. We engage and work closely with stakeholders and ensure information is readily available to the community, as well as providing mechanisms for feedback and response.

Further information and feedback

INPEX welcomes your feedback on the proposed maintenance dredging activities. To provide feedback or to request additional information, please see the 'Comments and enquiries' section below. All communications will be logged, assessed and acknowledged with a response.

How is your feedback used?

Feedback received will be used to inform relevant Northern Territory Government approval applications required for the onshore facilities upgrades and the management framework of the project. A summary of the feedback received from stakeholders and how INPEX has addressed this feedback will be provided to the Northern Territory Environment Protection Authority.

Comments and enquiries

If you would like to provide comment or seek further information, or if you do not wish to receive future communications about the maintenance dredging activities, please contact:

Email
enquiries@INPEX.com.au

Telephone
1800 705 010

Website
INPEX.com.au

Ichthys LNG is a joint venture between INPEX group companies (the Operator with a 67.82% interest), major partner TotalEnergies (a 26% interest), Australian subsidiaries of CPC Corporation Taiwan (participating interest: 2.625%), Osaka Gas (participating interest: 1.2%), Kansai Electric Power (participating interest: 1.2%), JERA (participating interest: 0.735%) and Toho Gas (participating interest: 0.42%).



INPEX Darwin Office

Level 8, 59 Mitchell Street
Darwin, Northern Territory 0800

E enquiries@INPEX.com.au
T 1800 705 010

inpex.com.au