

Appendix 13: Stakeholder Engagement Plan (SEP)

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Darwin Pipeline Duplication (DPD) Project – Stakeholder Engagement Plan

PROJECT / FACILITY	DPD
REVIEW INTERVAL (MONTHS)	No Review Required
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1 Introduction

1.1 Purpose

On 8 December 2021, Santos submitted a referral form and supporting information to the NT EPA for the activities required to construct and operate a 100 km gas export pipeline segment in NT waters and lands (Darwin Pipeline Duplication Project).

The NT EPA published a statutory notice on 18 January 2022 inviting public comment on the submitted referral form and supporting information. The initial version of this Stakeholder Engagement Plan (SEP) was amongst the supporting documentation provided for public comment.

On 7 April 2022 the NT EPA published a Notice of Decision and Statement of Reasons advising that the method of environmental impact assessment for the DPD Project would be via a Supplementary Environmental Report (SER) that responds to submissions received on the referral and provides any additional information required by the NT EPA.

The submitted SER includes a high-level summary of Santos' engagement process (**Section 4**) while Section 5 summarises the key issues raised in submissions by stakeholders and the responses and actions taken by Santos as a result. An updated version of the Stakeholder Engagement Plan (this document) is also provided as Appendix 13.

The Stakeholder Engagement Plan (SEP) has been updated to include information on all consultation that has been undertaken by Santos since submittal of the initial referral and after the public comments were provided to Santos by the NT EPA. It also provides additional information on Santos' ongoing plan to communicate and consult with stakeholders during the remainder of the NT EPA assessment process, including the further public comment period, and during the lead-up to and execution of the proposed activities.

The SEP creates a structured process of engagement to guide Project team members on their engagement and enable Santos to articulate its commitments clearly and transparently to Government, community and other stakeholders.

The SEP enables Santos to build an understanding of stakeholder values and concerns by creating meaningful opportunities for stakeholder participation from the early stages of preparation for the Project environmental referral.

1.2 Outcomes and Objectives

1.2.1 Outcomes

Engagement for the Project is focused on achieving the following outcomes:

- + All identified key stakeholders are appropriately informed of the Project;
- + Stakeholders are provided with meaningful opportunities for consultation on the Project;
- + Traditional Owners are provided opportunities for meaningful engagement and their culture and values respected; and

- + The Project specific environmental assessment has been actively informed by the input and feedback received from stakeholders.

1.2.2 Objectives

The SEP aims to achieve outcomes by:

- + Creating a structured process focused on:
 - Building trust and mutual understanding between Santos and Project stakeholders
 - Addressing statutory stakeholder consultation requirements
 - Meaningfully engaging with stakeholders, specifically with regards to the environmental assessment and approvals process.
- + Providing opportunities for Santos to understand stakeholder values and expectations;
- + Embedding the importance of using local contractors and employees as much as possible throughout the Project;
- + Ensuring that Traditional Owners and Indigenous groups are engaged in the appropriate manner;
- + Securing stakeholder feedback that will be used as input for the environmental assessment process and to inform Santos' longer-term activities and community involvement; and
- + Aligning with Santos' Corporate approach to stakeholder engagement.

1.3 Regulatory Requirements

As per the NT EPA environmental impact assessment guidance, proponents are responsible for undertaking stakeholder engagement and consultation from the earliest stage of the environmental impact assessment process and continuing throughout the process.

Santos is required to provide details of any stakeholder engagement and consultation undertaken to meet the requirements of section 43 of the EP Act and outline how this consultation has informed the assessment, including the environmental impact assessment, identification and management of impacts, and selection of offsets. Section 43 of the EP Act provide the general duty of proponents and states the following with regard to stakeholder consultation:

A proponent of an action has the following general duties under an environmental impact assessment process:

- To provide communities that may be affected by a proposed action with information and opportunities for consultation to assist each community's understanding of the proposed action and its potential impacts and benefits;
- To consult with affected communities, including Indigenous communities, in a culturally appropriate manner; and
- To seek and document community knowledge and understanding (including scientific and

traditional knowledge and understanding) of the natural and cultural values of areas that may be impacted by the proposed action.”

2 Engagement Approach

2.1 Overview of Approach

Santos is committed to undertaking projects in a manner that will both deliver on regulatory requirements and engage and contribute to the communities in which it operates. More broadly, Santos is focused on understanding and integrating those matters that will ensure the long-term outcomes aspired to by relevant stakeholders. The key focus will be on:

- + Governance and systems frameworks to support the business operations and how Santos works with stakeholders;
- + The formation of long-term, meaningful relationships and partnerships with stakeholders;
- + Alignment with relevant Northern Territory standards regarding stakeholder impact assessment, management and social investment; and
- + An active risk management approach and a focus on creating longer term value for the communities where Santos operates.

2.2 Principles for Project Engagement

In developing its approach for project engagement, Santos has referred to industry leading standards and practice including the Northern Territory Stakeholder Engagement and Consultation guidance (NT EPA, 2021a), Northern Territory guidance for preparing an environmental impact statement ((NT EPA, 2021b), the International Association for Public Participation’s (IAP2) Quality Assurance Standard For Community and Stakeholder Engagement (IAP2, 2015) and relevant International Finance Corporation guides (IFC, 2007).

The NT EPA guidance related to stakeholder consultation focuses on an ongoing process of stakeholder engagement that involves building relationships, actively sharing information, and bringing stakeholder voices into decisions that may affect or interest them. The Project SEP has been prepared with this outcome as a key focus.

As outlined above, Santos actively builds community investment into its overall business and planning process. Engagement for this Project will be based on the following key principles:

- + Focusing on achieving genuine outcomes for communities;
- + Providing a flexible and proactive approach;
- + Being visible and transparent;
- + Where investment in communities is undertaken, supporting projects that encourage community self-sufficiency and sustainability; and
- + Enhancing social return on investment through strategic reviews of outcomes.

To achieve engagement objectives and outcomes it is important to define and explain the parameters of the Project including decisions that have already been made, decision-making processes and governance structures, statutory obligations and regulatory requirements.

When Santos engages with stakeholders it is important that there is clarity regarding what can and cannot be influenced with regards to the Project. This is particularly important in terms of managing stakeholder expectations. The following points provide a frame of reference for what can and cannot be influenced.

2.3 Engagement Undertaken to Date

Santos has undertaken engagement throughout the Project planning and formal assessment period. Engagement has occurred with key stakeholders, including government agencies, representative industry and community bodies, regular Harbour users and the Port of Darwin where a significant portion of the project activities will be undertaken. A summary of the consultation undertaken by Santos to date is provided in **Appendix 2**.

3 Stakeholder Analysis

3.1 Approach to Analysis

The analysis of stakeholders has been undertaken with a focus on understanding stakeholder values, understanding concerns and opportunities arising from the Project, and understanding potential impacts, risks, and levels of interest and influence. The intent of this initial analysis is to provide Santos with the foundation through which to inform the referral and continue engagement as the Project develops.

3.2 IAP2 Core Values

Stakeholder values are an important frame through which to understand what may be of importance. In accordance with the NT EPA stakeholder engagement and consultation guidelines, consultation will be guided by the principles of engagement, based on stakeholder level of interest and concern as outlined by the. The IAP2 core values for practicing public participation and community engagement are:

1. Public participation is based on the belief that those who are affected by a decision have a right to be involved in the decision-making process;
2. Public participation includes the promise that the public's contribution will influence the decision;
3. Public participation promotes sustainable decisions by recognising and communicating the needs and interests of all participants, including decision makers;
4. Public participation seeks out and facilitates the involvement of those potentially affected by or interested in a decision;
5. Public participation seeks input from participants in designing how they participate;
6. Public participation provides participants with the information they need to participate in a meaningful way; and
7. Public participation communicates to participants how their input affected the decision (IAP2 2014).

The purpose of these core values is to help make better decisions which reflect the interests and concerns of potentially affected people and entities (IAP2 2014).

3.3 Stakeholder Groups

A full list of currently identified stakeholders for the Project is provided in **Appendix 2**.

It is to be acknowledged that this is an initial list and as the SEP is implemented, further categories, stakeholders and more specific stakeholder details will be added.

3.4 Level of Engagement

The Project consultation associated with the referral and subsequent phases of the Project will be in accordance with the IAP2 principles to determine the appropriate levels of engagement (IAP2 2015). As the Project progresses, the level of engagement will be identified and determined on a case-by-case basis and certain stakeholders may be involved and collaborate on aspects of the Project.

Stakeholder engagement is an essential component in the process of assessing the Project's social, economic and environmental impact.

For the purpose of managing the level of engagement with stakeholder, stakeholders have been grouped as follows:

- + Level 1: Landholders, Indigenous Stakeholders or Traditional Owners, surrounding tenure holders, operating licence holders (e.g. fishing tourism, industry) and Government;
- + Level 2: Key interest groups and local communities;
- + Level 3: General public, community and special interest groups, wider region and Territory - based organisations.
- + Approaches or requirements that must be implemented due to statutory obligations and regulatory requirements.

Table 3-1 provides the IAP2 spectrum's level of engagement and Santos' relevant approach at each level. For Level 3 stakeholders the level of participation for this Project is anticipated to be inform and consult, for Level 2 stakeholders inform, consult and involve, and for Level 1 stakeholders, collaboration is anticipated.

The stakeholders' ability to influence decisions depends on the decision type and what aspects of the Project are negotiable and what aspects are non-negotiable (IAP2 2015). The process is intended to be flexible and open to including relevant stakeholders to the maximum extent possible, while maintaining focus on targeted engagement where it makes sense.

Table 3-1: IAP2 Levels of Engagement

Level of Engagement	Stakeholder Level	Approach to the Community and Stakeholders
Inform	1, 2 and 3	Santos will aim to keep stakeholders informed
Consult	1, 2 and 3	Santos will keep stakeholders informed, listen to and acknowledge concerns and aspirations, and provide feedback on how stakeholder input influenced the decision.
Involve	1 and 2	Santos will work with stakeholders to ensure that their concerns and aspirations are directly reflected in the assessment completed and control measures employed and provide feedback on how stakeholder input influenced decision.
Collaborate	1	Santos will look to stakeholders for advice and innovation in formulating solutions and incorporate their advice and recommendations into the decisions to the maximum extent possible.
Empower	1	Santos will implement relevant stakeholder decisions where appropriate and feasible.

Amended from IAP2 2015

3.5 Identification of Potential Concerns and Opportunities

Potential concerns and opportunities that may be experienced by stakeholders during the lifecycle of the project have been outlined in **Table 3-2** below. The purpose of this identification is to understand stakeholder perspectives on what may be of concern to them regarding the project so that Santos can understand potential impacts to stakeholders and what may trigger potential risks.

Understanding stakeholder concerns and their view regarding potential impacts (both actual and perceived) means that Santos can tailor why and how it engages with stakeholders and control the key messages that are communicated. This is also critical to understanding potential stakeholder risks, which in many cases are driven by perceptions stakeholders have of things that are important to them and may often be emotive and subjective. Often these perceptions may not be ‘actual impacts’ or supported by technical studies but it is critical to understand these.

Table 3-2 is an initial identification of potential concerns and opportunities and as such must be re-visited once Santos has undertaken more detailed engagement with stakeholders during the life of the Project. It is important that as part of this, environmental concerns and opportunities are identified as these are often key areas of interest for stakeholders.

Although this SEP is focused on the pre-construction lifecycle phase, potential concerns and opportunities have been identified across the project lifecycle as these perceptions and potential impacts will influence how stakeholders need to be engaged from the beginning of the project.

Table 3-2 : Potential concerns and opportunities that may be experienced by stakeholders during the project lifecycle

Project Phase	Potential concerns (perceived or actual)	Potential opportunities (perceived or actual)
Pre-construction (includes approvals)	<ul style="list-style-type: none"> + Potential contamination of water or land from access for surveys + Potential introduction of invasive species from access for surveys + Potential direct mortality of fauna from vessel/vehicle access + Potential to disturb unidentified Indigenous and non- Indigenous cultural heritage items through initial surveys and investigations + Potential for minor rubbish from initial investigative surveys and site investigations 	<ul style="list-style-type: none"> + Surveys build understanding of activities likely to be impacting greater regional environment + Build understanding of the fauna condition and habitat values + Protection of fauna habitat due to any offsetting + Increased training and employment opportunities improving capabilities and skills in local and regional areas + Increase in local and regional socio-economic conditions + Opportunities for local suppliers and contractors + Employment and business opportunities for Indigenous community members
Construction (construction of the Project)	<ul style="list-style-type: none"> + Potential water quality impacts, resulting from disturbance, accidental pollutant and contaminant releases + Exposure of soil to erosive factors during earthworks + Potential contamination of water or land through contaminant release (e.g. diesel leakage) + Site clearance and resulting environmental impact + General interference to the activities of other users of the marine environment + Disturbance to habitat connectivity + Excessive noise during construction potentially leading to species fragmentation 	<ul style="list-style-type: none"> + Data from monitoring health of water resources during construction + Greater understanding of ecological environment due to any ongoing Project investigations + Management and protection of fauna habitat + Increased training and employment opportunities improving capabilities and skills in local and regional areas + Increase in the local and regional socio-economic conditions + Opportunities for local suppliers and contractors + Employment and business opportunities for Indigenous community members

Project Phase	Potential concerns (perceived or actual)	Potential opportunities (perceived or actual)
	<ul style="list-style-type: none"> + Artificial light spill on the environment potentially disturbing and altering behaviour of a range of species + Visual amenity impacts + Potential for inappropriate behaviour of contractors and employees + Potential disturbance of unidentified Indigenous and non-Indigenous cultural heritage (despite cultural heritage clearance) 	<ul style="list-style-type: none"> + Protection of any identified items of cultural heritage significance
<p>Operations</p> <p>(Note: majority of listed concerns relate to the resulting ongoing operation of the DLNG facility)</p>	<ul style="list-style-type: none"> + Potential water quality impacts, resulting from watercourse disturbance, accidental pollutant and contaminant releases + Potential contaminant release (e.g. diesel leakage) + Disturbance to habitat connectivity + Potential spread and introduction of weeds during operation + Potential fire leading to destruction of habitat + Site clearance and resulting environmental impact + Potential for inappropriate behaviour of personnel + Potential disturbance of unidentified Indigenous and non-Indigenous cultural heritage (despite cultural heritage clearance) + Potential increase in local waste volumes during operation + Potential water and land contamination 	<ul style="list-style-type: none"> + Management and protection of remaining flora on site + Greater understanding of ecological environment due to any ongoing Project investigations + Management and protection of fauna habitat remaining on site + Potential to provide visual amenity management measures + Increased training and employment opportunities improving capabilities and skills in local and regional areas + Increase in the local and regional socio-economic conditions + Opportunities for local suppliers and contractors + Employment and business opportunities for Indigenous community members + Protection of any identified items of cultural heritage significance
<p>Decommissioning</p>	<ul style="list-style-type: none"> + Loss of jobs and employment <p>(Note: the majority of risks listed above for construction and operations would also apply for decommissioning work)</p>	<ul style="list-style-type: none"> + Rehabilitation of the Project site and habitat + Potential re-use of Project components

3.6 Level of Engagement and Activities

Based on the analysis above, the following levels of engagement have been identified for stakeholder groups. These levels are based on the principle that engagement will be tailored by considering levels of stakeholder impact, interest and influence, and risk – with the assumption that the higher the level of impact and risk – the deeper the level of engagement required. This approach needs to be flexible based on each specific stakeholder group and potential changes in stakeholder expectations and risk. Description of engagement levels and example activities are provided in **Table 3-3**.

Table 3-3: Different depths of engagement / communication

Level of engagement	Description	Example Activities
General	<ul style="list-style-type: none"> + General provision of project information and updates (this includes overview of potential impacts and mitigation / management strategies) + Opportunities to provide feedback through general activities and communication mechanisms (e.g. via website, email, as part of statutory consultation approach) + Audience: all stakeholders have access to information and activities 	<ul style="list-style-type: none"> + Website + Project information sessions + Media releases + Public consultation process
Targeted	<ul style="list-style-type: none"> + Targeted engagement and communications specific to stakeholder group + Targeted engagement and communication activities designed to gain specific feedback + Ongoing opportunities to provide feedback and discuss key project elements (e.g. how potential impacts to a specific value could be managed) + Audience: while information may or not be publicly available activities are targeted towards specific group of stakeholders and are generally not open to 'general public' 	<ul style="list-style-type: none"> + Targeted group briefings or presentations + Targeted group or individual meetings + Targeted information portal e.g. ICN + Access to all general activities
Individualised	<ul style="list-style-type: none"> + Engagement and communications developed for needs and expectations of specific stakeholder + Focus on gaining specific feedback and input from individuals / small group of individuals + Information in the form it was provided only + accessible to specific party with which it was shared e.g. while a Minister may be provided + information about jobs etc. that is available to the public the content of the conversation will be confidential 	<ul style="list-style-type: none"> + One-on-one meetings focused on specific topic of interest for both parties + Negotiation of formal contract or partnership (e.g. supplier agreement) + Shared value definition workshop / partnership + regarding social investment + Personalised email / phone conversations

Level of engagement	Description	Example Activities
Regulatory	<ul style="list-style-type: none"> + Ongoing interaction with the regulator. This will be tailored depending on agency roles + More structured and individualised engagement will occur with lead agency + Ongoing opportunities to provide feedback 	<ul style="list-style-type: none"> + Structured meetings and communication schedule with lead agency + One-on-one / group meetings as required + Ongoing email and phone communication as required

3.7 Monitoring and Evaluation

Santos will maintain a stakeholder management register to record external stakeholder interactions for the Project (pre-construction, construction, operation). It is important that this register is updated by all team members following engagement activities so these can be monitored and any stakeholder concerns or opportunities followed up. This is particularly important for the approvals process as records of engagement activities need to be summarised and provided as part of approvals documents to demonstrate adequate engagement has been undertaken.

From a risk management perspective, this is also important for Santos as/if issues arise there is a formal record of engagement that has been undertaken, and how these issues have been closed out as appropriate. If Santos undertakes broader sustainability reporting at a corporate level, these types of records can also be drawn on to align with Corporate.

With regards to monitoring the effectiveness of this plan, the implementation will be reviewed quarterly. The plan should be revised, including the stakeholder analysis, prior to the commencement of each Project stage to incorporate lessons learned, stakeholder feedback and evolving issues, opportunities and risks that may have arisen.

Any review should consider the following:

- + Feedback from the regulator, external stakeholders, Santos employees and contractors;
- + Any complaints or findings from audit, review and inspections;
- + The outcomes of any incidents and how they can be managed / mitigated in the future;
- + Changes in Santos organisation structures, roles and responsibilities; and
- + Changes in regulation and guidelines that may impact engagement expectations of the regulator and community.

4 Stakeholder Engagement Program

The following engagement program establishes the activities to be undertaken and key project milestones. All engagement undertaken for the Project to date is summarised in the register located in **Appendix 2**.

Table 4-1 Engagement Program

Stage	Aims and Activities	Deliverables	Status
<p>Stage 1 – Preparation of Referral prior to submittal to NT EPA</p> <p>October to December 2021</p>	<p>Aims: Advise stakeholders of proposed DPD activities and regulatory assessment process and discuss key issues/concerns to inform preparation of referral</p> <p>Key activities:</p> <ul style="list-style-type: none"> + Initial engagement with NT regulators (EPA, DEPWS, DIPL, DITT) and key stakeholders representing other users of the marine environment + Notification to all identified stakeholders on submittal of referral and ongoing opportunity to engage with Santos + Initial engagement with Commonwealth Waters regulator (DCCEEW) to discuss EPBC Referral process. + Ongoing engagement with potential suppliers via ICN NT 	<ul style="list-style-type: none"> + Total of 40 stakeholder meetings held + Email, phone contact + Distribution of fact sheet via email + Information posted to Santos website + Project page on ICN Gateway website + Santos ASX and media statements issued 	<p>Complete</p>
<p>Stage 2 – Public Comment Period on Referral and ongoing engagement awaiting NT EPA decision</p> <p>January to March 2022</p>	<p>Aims: To ensure stakeholders are aware of opportunity to comment on referral documentation, respond to requests for further information and continue to gather information on issues/concerns.</p> <p>Key activities:</p> <ul style="list-style-type: none"> + Engagement with NT EPA (via DEPWS) on referral contents and public comment process + Notification to all identified stakeholders of availability of referral documents for public comment + Engagement with stakeholders (e.g. Paspaley Pearling, AFANT) responding directly to Santos on issues/concerns related to the referral + Continued engagement with NT Government agencies and private organisations on technical issues, secondary project approvals (e.g. 	<ul style="list-style-type: none"> + Total of 22 stakeholder meetings held + Email, phone + Distribution of project update via email + Publication of Referral documentation on NT EPA website + Notification via email of public comment period + Information posted to Santos website + Project page on ICN Gateway website + Santos ASX and media statements issued 	<p>Complete</p>

Stage	Aims and Activities	Deliverables	Status
	<p>planning permits, pipeline licences, waste discharge permits) and collaborative opportunities</p> <ul style="list-style-type: none"> + Engagement with the Aboriginal Areas Protection Authority (AAPA) on the process for obtaining a Clearance Certificate for the proposed Operational Area, including independent consultation with indigenous Traditional Owners and Representative Bodies + Ongoing engagement with potential suppliers via ICN NT + Continued engagement with Commonwealth Waters regulator (DCCEEW) to discuss EPBC Referral process. 		
<p>Stage 3 – Preparation of SER prior to submittal to NT EPA</p> <p>April 2022 to January 2023</p>	<p>Aims: To ensure all issues/concerns raised by stakeholders are addressed in the SER; ensure additional stakeholders identified are provided opportunity to engage with Santos; seek specific information from stakeholders on future communication and consultation activities.</p> <p>Key activities:</p> <ul style="list-style-type: none"> + Engagement with NT EPA (via DEPWS) on public and government agency submissions, process for preparation of SER and provision of additional information required + Engagement with government and other stakeholders to discuss issues/concerns raised in submissions and inform Santos' responses to be provided in SER + Wider engagement with other stakeholders identified in submissions or during meetings/communications + Project update to all identified stakeholders on regulatory assessment process and progress + Engage with community and indigenous organisations on opportunities to support/collaborate associated directly with project activities (e.g. Larrakia Rangers) or community-based activities 	<ul style="list-style-type: none"> + Total of 53 stakeholder meetings held + Email, phone + Distribution of project update via email + Publication of public and government submissions on NT EPA website + Referral documentation on NT EPA website + Information posted to Santos website + Project page on ICN Gateway website + Santos ASX and media statement issued 	<p>Complete</p>

Stage	Aims and Activities	Deliverables	Status
	<ul style="list-style-type: none"> + With Indigenous Groups and Representative bodies, via Santos and AAPA, to gather information and provide forums for further discussions to allow Traditional Owners and Custodian the opportunity to provide input and gain clarification. + Continued engagement with Commonwealth Waters regulator (DCCEEW) to discuss EPBC Referral process + Continued engagement with NT Government agencies and private organisations on technical issues, secondary project approvals and/or collaborative opportunities + Ongoing engagement with potential suppliers to the project via ICN NT 		
<p>Stage 4 – Public Comment Period on SER and ongoing engagement awaiting final NT EPA decision</p> <p>Q2/3 2023</p>	<p>Aims: Ensure all issues/concerns raised by stakeholders during the assessment process have been addressed; as many additional stakeholders as possible have been identified; all stakeholders are aware of the final decision and opportunities to further engage with Santos.</p> <p>Key activities:</p> <ul style="list-style-type: none"> + Engage with DEPWS and stakeholders on additional issues/concerns raised during public comment period. + Continued engagement with NT Government agencies and private organisations on technical issues, secondary project approvals and/or collaborative opportunities. + Notification to all stakeholders re assessment outcome and conditions placed on Project; progress on approved activities and required associated approvals; stakeholder communication and consultation process going forward. 	<ul style="list-style-type: none"> + Stakeholder meetings + Presentations at stakeholder events (see potential list below) + Email, phone communication + Distribution of project update via email + Publication of SER documentation on NT EPA website + Notification via email of SER public comment period + Information posted to Santos website + Project page on ICN Gateway website + Santos ASX and media statements 	<p>Pending</p>

Stage	Aims and Activities	Deliverables	Status
	<ul style="list-style-type: none"> + Continued engagement with NT Government agencies and other relevant stakeholders for all secondary project approvals that are required prior to activities commencing + Engage with indigenous organisations on outcomes from AAPA investigation and Clearance Certificate conditions + Continued engagement with community and indigenous organisations on opportunities to support/collaborate associated directly with project activities (e.g. Larrakia Rangers) or community-based activities + Engage with key contractors to be undertaking activities on Santos' behalf and owners of land upon which activities will occur (e.g. Darwin Port, DIPL- East Arm, DLNG, Wickham Point Deed Reference Group, Mount Bundy) + Ongoing engagement with potential suppliers via ICN NT + Ongoing engagement with the following stakeholders on specific issues raised: <ul style="list-style-type: none"> – Opportunities for collaboration on dredging-related activities – NT DIPL, Inpex, Department of Defence – Pipelay activities within Reef Fish Protection Area – NT DITT – Fisheries, AFANT, NTSC – Indigenous consultation resulting from AAPA Clearance Certification – AAPA, NLC, Wickham Point Deed Reference Group, other identified Larrakia stakeholders – Opportunities for collaboration on environmental studies and modelling – NT DPEWS, Inpex, Darwin Harbour Advisory Group, Larrakia Rangers – Road traffic management – NT DIPL 		

Stage	Aims and Activities	Deliverables	Status
	<ul style="list-style-type: none"> – Darwin Harbour impacts management – NT DIPL, Darwin Port, DHAC, Tourism NT, Top End Tourism, AFANT, NTGFIA 		
Stage 5 – Lead-up to execution of activities Q4 2023	<p>Aims: Ensure all identified stakeholders are aware of pending activities, timeframes, how issues/concerns have been mitigated/are being managed, how complaints will be handled and ongoing communications process and contact points.</p> <p>Key activities:</p> <ul style="list-style-type: none"> + Continued engagement with NT Government agencies and private organisations on technical issues and/or collaborative opportunities. + Continued engagement with NT Government agencies and other relevant stakeholders for all secondary approvals associated with the Project and required prior to activities commencing + Notification to all stakeholders re proposed activities, schedule stakeholder communication and consultation process going forward. + Ongoing engagement with potential suppliers via ICN NT + Engage with key contractors who will be undertaking activities on Santos’ behalf and the owners of land upon which activities will occur (e.g. Darwin Port, DIPL- East Arm, DLNG Management, Wickham Point Deed Reference Group) + Ongoing engagement with the following stakeholders on specific issues raised: <ul style="list-style-type: none"> – Opportunities for collaboration on dredging-related activities – NT DIPL, Inpex, Department of Defence – Pipelay activities within Reef Fish Protection Area – NT DITT – Fisheries, AFANT, NTSC 	<ul style="list-style-type: none"> + Stakeholder meetings + Presentations at stakeholder events (e.g. Darwin Port Users Group, Darwin Harbour Advisory Committee, Top End Tourism, Tourism NT, NT Chamber of Commerce, NT Energy Club) + Email, phone communication + Distribution of project update via email + Distribution of project fact sheets via email and stakeholder meetings + Distribution of project information via third parties (e.g. Darwin Port, Tourism NT) to their membership + Distribution of project information via paid advertorial in NT News + 24-hour telephone line available for stakeholder queries + Information posted to Santos website + Project page on ICN Gateway website + Santos ASX and media statements 	Pending

Stage	Aims and Activities	Deliverables	Status
	<ul style="list-style-type: none"> - Indigenous consultation resulting from AAPA Clearance Certification – AAPA, NLC, Wickham Point Deed Reference Group, other identified Larrakia stakeholders - Opportunities for collaboration on environmental studies and modelling – NT DPEWS, Inpex, Darwin Harbour Advisory Group, Larrakia Rangers - Road traffic management – NT DIPL, other stakeholders identified - Darwin Harbour impacts management – NT DIPL, Darwin Port, DHAC, Tourism NT, Top End Tourism, AFANT, NTGFIA 		
<p>Stage 6 - Execution of activities in NT Waters Commencing Q1, 2024</p>	<p>Aims: To help ensure safe use by all users of locations where project activities are occurring. Ensure all identified stakeholders are kept regularly informed of aware of progress on current activities, pending activities, timeframes, how issues/concerns have been mitigated/are being managed, how complaints are being handled and ongoing communications process and contact points.</p> <p>Key activities:</p> <ul style="list-style-type: none"> + Continued engagement with NT Government agencies and private organisations on technical issues and/or collaborative activities. + Continued engagement with NT Government agencies and other relevant stakeholders for the safe and efficient compliance of all secondary approvals (e.g. road traffic management, waste discharges, licence conditions) associated with the Project + Notification to all stakeholders re proposed activities, schedule stakeholder communication and consultation process going forward. + Ongoing engagement with potential suppliers via ICN NT 	<ul style="list-style-type: none"> + Stakeholder meetings + Presentations at stakeholder events (e.g. Darwin Port, Top End Tourism, Tourism NT, Chamber of Commerce, Energy Club) + Email, phone communication + 24-hour telephone line available for stakeholder queries + Distribution of project update via email + Distribution of project fact sheets via email and stakeholder meetings + Project fact sheets posted to Santos external website + Distribution of project information via third parties (e.g. Darwin Port, Tourism NT) to their membership + Distribution of project information via paid advertorial in NT News 	<p>Pending</p>

Stage	Aims and Activities	Deliverables	Status
	<ul style="list-style-type: none"> + Ongoing engagement with key contractors undertaking activities on Santos’ behalf and the owners of land upon which activities will occur (e.g. Darwin Port, DIPL- East Arm, DLNG Management, Wickham Point Deed Reference Group) to ensure efficient communications and help maintain safe operations. + Ongoing engagement with the following stakeholders on specific issues raised: <ul style="list-style-type: none"> – Opportunities for collaboration on dredging-related activities – NT DIPL, Inpex, Department of Defence – Pipelay activities within Reef Fish Protection Area – NT DITT – Fisheries, AFANT, NTSC – Indigenous consultation resulting from AAPA Clearance Certification – AAPA, NLC, Wickham Point Deed Reference Group, other identified Larrakia stakeholders – Opportunities for collaboration on environmental studies and modelling – NT DPEWS, Inpex, Darwin Harbour Advisory Group, Larrakia Rangers – Road traffic management – NT DIPL – Darwin Harbour impacts management – NT DIPL, Darwin Port, DHAC, Tourism NT, Top End Tourism, AFANT, NTGFIA 	<ul style="list-style-type: none"> + Physical location on Darwin Harbour for distribution of project information and discussion of issues/concerns + Santos ASX and media statements 	
<p>Stage 7 – Pipeline Operations</p> <p>Ongoing from 2025</p>	<p>Aims: Ensure efficient, ongoing communication of any activities that may impact other users of the marine environment, e.g. pipeline maintenance; maintain ongoing liaison with DLNG Operations.</p>	<ul style="list-style-type: none"> + Email, phone communication + Distribution of activity updates via email + Activity fact sheets posted to Santos external website + Stakeholder meetings as required + Enquiries/complaints management via established Santos procedures 	

Stage	Aims and Activities	Deliverables	Status
		+ 24-hour telephone line available for stakeholder queries Information posted to Santos website Santos ASX and media statements	
Stage 8 – Decommissioning Timeframe dependant on End of Pipeline Operations	Aim: Ensure early and ongoing consultation with all relevant stakeholders in compliance with legislative requirements and management of impacts on relevant communities.		Pending

5 References

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Appendix 1 Stakeholder List

Sector	Stakeholders
Commonwealth Government	<ul style="list-style-type: none"> + Department of Climate Change, Energy, the Environment and Water (formerly Department of Agriculture, Water and the Environment) + Department of Defence (including Australian Hydrographic Office and HMAS Coonawarra, Darwin)
NT Government Regulators / Agencies	<ul style="list-style-type: none"> + Aboriginal Areas Protection Authority (AAPA) + Department of Environment, Parks and Water Security + Department of Chief Minister and Cabinet + Department of Industry, Tourism and Trade - Fisheries + Department of Industry, Tourism and Trade - Energy + Department of Industry, Tourism and Trade - Tenure + Department of Industry, Tourism and Trade - Tourism + Department of Infrastructure, Planning & Logistics - Planning + Department of Infrastructure, Planning & Logistics - Regional Harbourmaster + Department of Infrastructure, Planning & Logistics - Middle Arm Sustainable Development Precinct Project + Department of Infrastructure, Planning & Logistics - Darwin Ship-lift Project; Mandorah Ferry Project + Department of Infrastructure, Planning & Logistics - Transport + Department of Territory Families, Housing and Communities - Heritage + Environmental Protection Authority + NT Power and Water + Tourism NT
Indigenous Groups / Representative Bodies	<ul style="list-style-type: none"> + Aboriginal Areas Protection Authority (also noted as agency above) + Larrakia Nation (including Larrakia Sea Rangers) + Northern Land Council + Tiwi Land Council + Wickham Point Deed Reference Group
Environmental Group Representatives	<ul style="list-style-type: none"> + Australian Marine Science Association + Australian National University (individual) + Environment Centre NT + Sea Turtle Foundation
Fishing Representative Bodies	<ul style="list-style-type: none"> + Amateur Fishermans' Association of the NT (recreational) + NT Seafood Council (commercial)
Other Community Organisations	<ul style="list-style-type: none"> + Darwin Harbour Advisory Committee

Sector	Stakeholders
	<ul style="list-style-type: none"> + NT Chamber of Commerce and Industry
Other Industry / Operators	<ul style="list-style-type: none"> + Darwin Port + DLNG Pty Ltd + Eni Australia + INPEX + NT Guided Fishing Industry Association + Paspaley Pearling + Sea Darwin + Sun Cable + Telstra + Top End Tourism + Tourism NT

Appendix 2 Consultation Register

The following is a list of the consultation undertaken to date via meetings with key stakeholders to inform preparation of the Referral prior to its submittal and, following the NT EPA's assessment decision on 7 April 2022, to inform preparation of the required Supplementary Environmental Report. The list is not a complete record of consultation as it does not include all email and telephone engagement.

Stakeholder(s)	Date	Description
Stage 1: Prior to submittal of referral to NT EPA		
Darwin Port/ NT Department of Infrastructure, Planning & Logistics (NT DIPL) - Regional Harbourmaster	3 August 2021	Meeting to discuss proposed route for Darwin Pipeline Duplication (DPD) and intention to submit a Referral to the NT EPA for the DPD section in NT Waters.
Darwin Port/ NT DIPL - Regional Harbourmaster)	21 August 2021	Further meeting to discuss proposed route for DPD in NT Waters in more detail.
NT Environment Protection Authority (NT EPA)	6 October 2021	Meeting with NT EPA Board to discuss intention to submit a Referral to the NT EPA for the DPD section in NT Waters.
Darwin Port/ NT-DIPL (Regional Harbourmaster)	8 October 2021	Further meeting to discuss proposed route for DPD in NT Waters in more detail.
ALL	8 October 2021	Direct distribution to all currently identified stakeholders via email of Barossa Project Quarterly Update, including information on the status of regulatory approvals including an additional Gas Export Pipeline section in Commonwealth Waters and the intention to submit a Referral to the NT EPA for the DPD section in NT Waters.
Tiwi Land Council (TLC)	19 October 2021	Meeting to discuss Barossa Project activities and potential areas for collaboration on environmental projects with relevance to an additional Gas Export Pipeline section in Commonwealth Waters. The intention to submit a Referral to the NT EPA for the DPD section in NT Waters was also advised. Meeting is part of an ongoing Barossa engagement process.
Australia Bay Seafoods	20 October 2021	Meeting with commercial fishing company to discuss additional Gas Export Pipeline section in Commonwealth Waters and intention to submit a Referral to the NT EPA for the DPD section in NT Waters. Initial response from company was that there were unlikely to be major concerns. Following the meeting, Santos provided further specific information on the proposed pipeline route so any potential impacts on commercial fishing grounds in Commonwealth Waters and a Sea Gear Trial area in NT Waters can be considered by the company.
NT Department of Environment, Parks & Water Services (NT DEPWS)	21 October 2021	Meeting with department personnel who provide support services to the NT EPA to discuss content requirements and timeframe for submittal of Referral to the NT EPA and the separate regulatory process for other associated activities, i.e. secondary approval submissions for waste discharge, etc.

Stakeholder(s)	Date	Description
NT Department of Industry, Tourism & Trade – Fisheries (NT DITT – Fisheries)	21 October 2021	Meeting to discuss additional Gas Export Pipeline section in Commonwealth Waters and intention to submit a Referral to the NT EPA for the DPD section in NT Waters. Initial response from department was that there were unlikely to be major concerns related to commercial fishing or fish sustainability. The department requested that the route not pass over or close to a jewfish aggregation area within the Charles Point Reef Fish Protection Area (CPRFPA), that artificial reef areas are not impacted, and Santos consult with the Amateur Fisherman’s Association of the NT to gain recreational fishing sector views. Following the meeting, Santos provided further information on the proposed pipeline route.
NT Guided Fishing Industry Association (NTGFIA)	21 October 2021	Meeting to discuss additional Gas Export Pipeline section in Commonwealth Waters and intention to submit a Referral to the NT EPA for the DPD section in NT Waters. The Association, which represents ~70 guided fishing/charter boat operations, provided initial advice that another pipeline was always welcome for fish attraction and artificial habitat creation and there should not be any major issues provided installation/trenching was of a relatively short duration and did not occur over known fishing spots or the artificial reefs. Following the meeting, Santos provided further information on the proposed pipeline route.
NT DITT - Energy	22 October 2021	Meeting to discuss additional Gas Export Pipeline section in Commonwealth Waters and intention to submit a Referral to the NT EPA for the DPD section in NT Waters as well as processes involved with new NT pipeline licence applications and other associated secondary approvals, including Pipeline Management Plans. Department advised it was important to discuss the project with the Aboriginal Areas Protection Authority (AAPA).
Darwin Port	22 October 2021	Meeting to discuss DPD consultation process related to its users. Port advised that its preference will be for Santos to consult and communicate directly with all relevant stakeholders and keep the Port regularly informed. Consultation with the Darwin Harbour Advisory Committee is recommended. The Port will advise Santos if any briefings are required via its ongoing Port User Group consultation process.
Northern Prawn Fishing Pty Ltd (NPF Ltd)	25 October 2021	Meeting with representative organisation for all licence holders to discuss additional Gas Export Pipeline section in Commonwealth Waters and intention to submit a Referral to the NT EPA for the DPD section in NT Waters. Initial view of organisation is that there won’t be any major concerns, however Santos was requested to provide further specific information on the proposed pipeline route and spoil disposal area plus the other subsea infrastructure required in the additional Commonwealth Waters Area so any potential impacts on commercial fishing grounds in Commonwealth Waters and a Sea Gear Trial area in NT Waters can be considered.
NT DITT - Tenure	25 October 2021	Meeting to discuss processes involved with new NT pipeline licence applications and other related approvals including Pipeline Management Plans, validations, consents to construct/operate

Stakeholder(s)	Date	Description
Sun Cable	25 October 2021	Meeting to discuss additional Gas Export Pipeline section in Commonwealth Waters and intention to submit a Referral to the NT EPA for the DPD section in NT Waters, including potential future crossovers of cables and indicative activity schedules.
Aboriginal Areas Protection Authority (AAPA)	26 October 2021	Meeting to discuss additional Gas Export Pipeline section in Commonwealth Waters and intention to submit a Referral to the NT EPA for the DPD section in NT Waters including process to apply for Clearance Certificate for activities in NT Waters.
Northern Land Council (NLC)	26 October 2021	Meeting to discuss additional Gas Export Pipeline section in Commonwealth Waters and intention to submit a Referral to the NT EPA for the DPD section in NT Waters. Legal Services section of the Council's Land and Law Division will continue to be engaged. Council agrees that Aboriginal Areas Protection Authority, Wickham Point Deed Reference Group and Tiwi Land Council are key stakeholders.
Amateur Fishers Association of the NT (AFANT)	27 October 2021	Meeting to discuss additional Gas Export Pipeline section in Commonwealth Waters and intention to submit a Referral to the NT EPA for the DPD section in NT Waters. AFANT is concerned at impact of planned activities on recreational fishing in Harbour which is already subject to many pressures as a result of varied and something conflicting uses. AFANT advised that Santos needs to explain how the scale of its project will be different to Inpex's Ichthys Project. In addition to mitigation measures, Santos should look at how it can offset this impact by working with the sector on other beneficial projects with positive impacts. Santos and AFANT exchanged information on the proposed pipeline route and recreational fishing spots in Darwin Harbour for further consideration of impacts.
Tiwi Resources	27 October 2021	Meeting to organise Santos' attendance at clan group meetings and Leaders Forum to discuss Barossa Project activities and potential areas for collaboration on environmental projects with relevance to the DPD section in Commonwealth Waters. Part of ongoing Barossa engagement process.
NT DIPL - Executive	4 November 2021	Meeting to discuss additional Gas Export Pipeline section in Commonwealth Waters and intention to submit a Referral to the NT EPA for the DPD section in NT Waters, as well as processes involved with other related approvals and consultation with project teams managing the department's ship-lift and Mandorah ferry activities in Darwin Harbour.
NOPSEMA/NOPTA	5 November 2021	Meeting to discuss additional Gas Export Pipeline section in Commonwealth Waters and intention to submit a Referral to the NT EPA for the DPD section in NT Waters as well as process for licence variation of pipeline section within Commonwealth Waters. Santos also advised the intention to submit application for new pipeline licences in NT Waters to the NT DITT.

Stakeholder(s)	Date	Description
Inpex	8 November 2021	Meeting to discuss additional Gas Export Pipeline section in Commonwealth Waters and intention to submit a Referral to the NT EPA for the DPD section in NT Waters. Information shared re proposed activities in Darwin Harbour and the indicative schedules involved. Part of ongoing engagement process.
NT Heritage Branch	9 November 2021	Meeting to discuss additional Gas Export Pipeline section in Commonwealth Waters and intention to submit a Referral to the NT EPA for the DPD section in NT Waters. Meeting followed email and phone engagement conducted in August and October 2021 on Santos' intention to divert the proposed pipeline route around a submerged wreck site. The Heritage Branch will prepare scope of works for Santos to engage a contractor to conduct a desk-top assessment of its current pipeline route information.
NT DITT-Energy	10 November 2021	Meeting to further discuss processes involved with new NT pipeline licence applications and other related approvals including Pipeline Management Plans, Scope of Validation and Consents to Construct and Operate.
Commonwealth Director of National Parks / Commonwealth Department of Agriculture, Water & the Environment (DAWE)	11 November 2021	Meeting to discuss Santos' intention to submit a Referral on EPBC Act Matters to DAWE related to the DPD section in NT Waters. Focus of the meeting was the submittal and assessment process involved, including timeframes. The additional Gas Export Pipeline section in Commonwealth Waters and intention to submit a Referral to the NT EPA for the DPD section in NT Waters was also discussed.
NT-DEPWS	17 November 2021	Meeting to further discuss additional information provided by Santos on recent habitat survey results, mapping to environmental assessment policy and framework of NT EPA Referral. DEPWS provided advice on information that would be required on range of matters including waste management, dredging methods and hydro-testing. DEPWS also advised that the EPA will be interested in how the pipeline relates to the overall management of greenhouse gas emissions at DLNG and the proposed Bayu-Undan to Darwin Gas Export Pipeline re-purposing for Carbon Capture and Storage (CCS). DEPWS will also provide specific information for Santos on applications of water and waste management and pollution control legislation and required secondary approvals.
HMAS Coonawarra Naval Base	17 November 2021	Meeting to discuss additional Gas Export Pipeline section in Commonwealth Waters and intention to submit a Referral to the NT EPA for the DPD section in NT Waters. The Navy advised it was planning to undertake dredging operations during 2023/24 and consultation should occur between Defence, NT DIPL, Santos and Inpex re their respective works in the Harbour and any potential collaboration that could occur. Santos also offered to brief the Defence Department's Capital Infrastructure Facilities Group in Canberra.
Environment Centre NT (ECNT)	17 November 2021	Meeting to discuss additional Gas Export Pipeline section in Commonwealth Waters and intention to submit a Referral to the NT EPA for the DPD section in NT Waters. ECNT believes approvals should be submitted and assessed based on the entire Barossa project, i.e., from extraction at Barossa Field right through treatment at DLNG, re-use

Stakeholder(s)	Date	Description
		of Bayu-Darwin pipeline and planned CCS at Bayu-Undan. Would like to meet with representatives who can speak about the company's overall plan, and this should also be covered in a presentation to the Darwin Harbour Advisory Committee.
Sun Cable	18 November 2021	Meeting to further discuss specific matters related to work schedules and potential crossovers of cables. Sun Cable advised it was planning to install cable starting in 2024/25 and was considering two potential routes, both of which would cross the existing Bayu-Undan to Darwin Pipeline and therefore the proposed additional pipeline. Following the meeting, Santos and Sun Cable have shared relevant information.
NT-DIPL – Darwin Ship-lift and Mandorah Ferry projects	18 November 2021	Meeting to further discuss Santos DPD Project and NT DIPL projects and share information with a view to any potential areas for collaboration. DIPL advised that a Darwin Harbour Dredge Management Strategy would assist projects going forward once it was developed. DIPL and Santos will continue to liaise re any potential collaboration via Santos' geophysical work in Harbour early next year and other future collaborative opportunities related to planned dredging works in Harbour.
Wickham Point Deed Reference Group (WPDRG)	19 November 2021	Meeting to discuss DPD Project in both NT and Commonwealth Waters and intention to submit a Referral to the NT EPA. Meetings of WPDRG, which represents the Larrakia Traditional Owners of the land upon which DLNG is located, are held on an ongoing basis with Barossa Project and DPD now a standing item for update. Representatives present advised there were no specific concerns related to the proposed operational area in the Harbour or shore crossing as they would be occurring in an already disturbed area. DLNG advised that civil works had commenced associated with the Life Extension project. Barossa will keep the committee members informed on the progress of the AAPA certification work
Tiwi landowner group - Malawu	23 November 2021	Meeting with Malawu clan group to discuss Barossa Project activities and potential areas for collaboration on environmental projects with relevance to the DPD section in Commonwealth Waters. Part of ongoing Barossa engagement process.
Sea Darwin	24 November 2021	Phone discussion with owner/operator re DPD Project in both NT and Commonwealth Waters and intention to submit a Referral to the NT EPA. Owner/operator advised his main concern was the coordination of work programs in the Harbour that are being proposed by a range of organisations and how these relate to the NT Government's dredging strategy. Santos will be presenting to the DHAC on which Sea Darwin is represented.
Tiwi landowner group - Wurrumiyanga	25 November 2021	Meeting with Wurrumiyanga clan group to discuss Barossa Project activities and potential areas for collaboration on environmental projects with relevance to the DPD section in Commonwealth Waters. Part of ongoing Barossa engagement process.

Stakeholder(s)	Date	Description
AAPA Board meeting	2 December 2021	Meeting to provide update on intention to submit a Referral to the NT EPA for DPD Project in NT Waters and Santos' intention to applying for an AAPA Clearance Certification.
EPA Board	7 December 2021	Presentation by Santos summarising the content of the Referral that will be submitted shortly. The Board requested Santos provide additional detail on how the DPD Project relates to other Santos' activities, i.e., Barossa Project, DLNG Life Extension and Bayu-Undan CCS.
NT Power & Water Corporation (NT P&WC)	8 December 2021	Meeting to discuss DPD Project in both NT and Commonwealth Waters and intention to submit a Referral to the NT EPA. Discussions focused on the status of power and communications cables and crossings that will be required and may be required in the future. Santos advised the cables have recently been surveyed and their positions can be checked against the existing supplied position to determine any changes to their location. The latest survey data can also be supplied to PWC for their information. Santos and NT PWC to share detailed information and continue discussions.
TLC	15 December 2021	Meeting to discuss Barossa Project activities and potential areas for collaboration on environmental projects with relevance to the DPD section in Commonwealth Waters. Part of ongoing Barossa engagement process.
DAWE	20 December 2021	Meeting to advise the Department that Santos submitted an NT EPA referral for the DPD Project on 8 December 2021 and plans to submit an EPBC Act referral to align with the NT EPA's assessment process.
Darwin Port/ NT DIPL - Regional Harbourmaster	21 December 2021	Further meeting to discuss proposed route for Darwin Pipeline Duplication in NT Waters.
Stage 2: Following submission of referral to NT EPA		
DAWE	12 January 2022	Meeting to discuss whether any potential sea dumping legislative requirements apply to the DPD Project. Santos advised that approval is not required under the Commonwealth Sea Dumping Act as the material to be removed and disposed be wholly within the NT environment, i.e. no movement of materials between NT and Commonwealth Waters. DAWE's initial view was agreement and advice would follow if this was not the case. Note: no further advice or direction received.
ALL	18 January 2022	Direct distribution via email of information on DPD Project, notification that the Referral to the NT-EPA is now available for public comment and inviting discussion with Santos on the Project and Referral.
Paspaley Pearling	19 January 2022	Communication via phone, email and letter from Paspaley Pearling requesting Santos be mindful of pearling lease areas when undertaking project activities in the Beagle Gulf area, including within a proposed spoil disposal area.

Stakeholder(s)	Date	Description
		Paspaley requested that Santos not navigate through or anchor upon these areas. Santos advised it would consider internally and consult with the pipelay contractor.
NT DIPL - Regional Harbourmaster	21 January 2022	Further meeting to discuss proposed route for DPD in NT Waters.
NT DEPWS	31 January 2022	Meeting to discuss process for assessment and public comment associated with NT EPA Referral.
NT DITT - Energy	1 February 2022	Meeting to provide update on submittal of NT EPA Referral and discuss processes for submittal of associated secondary approvals that will also be required.
Paspaley Pealing	7 February 2022	Communication via phone and email by Santos with Paspaley Pearling to advise that the pipelay contractor had agreed that vessels traversing in NT Waters would not enter or anchor upon the identified lease areas.
AFANT	7 February 2022	Meeting to update AFANT on submittal of NT EPA Referral and further discuss issues and concerns raised by AFANT at the previous meeting held in October 2021. AFANT agreed that DPD was a significantly smaller and different project to Ichthys which was one of its main concerns and was pleased that trenching would not be occurring in the CPRFPA and spoil disposal would not occur within the Inpex spoil disposal area which had now become a recreational fishing spot. AFANT advised it would be providing a written submission during the public comment period and the cumulative impact on the Harbour from each project was an important factor in its thinking. AFANT was happy to continue a discussion on its research priorities and potential Santos' support.
NT DITT - Fisheries	9 February 2022	Meeting to update Department on submittal of NT EPA Referral and further discuss Department's views on range of environmental factors addressed in the Referral documentation. The Department's initial view was that the pipeline installation's local impact was unlikely to have any broader consequences for fisheries. Santos advised that the pipeline route within the Charles Point Reef Fish Protection Area would not be in close proximity to the jewfish aggregation area discussed at the last meeting with the Department held in October 2021.
DAWE	17 February 2022	Meeting with representatives of EPBC Referral Assessment Team to discuss required content and process surrounding submittal of EPBC Act referral for DPD Project in NT Waters.
NT DEPWS	2 March 2022	Meeting to discuss NT-EPA process for management and publication of submissions received during public comment period. DEPWS advised that a total of 311 had been received, including 284 as part of a campaign submission, and the main issues raised relate to GHG emissions management, how future CCS project relates to this approval, impacts to Harbour generally, Charles Point Reef Fish Protection Area and coastal areas near the spoil ground. The submissions will be published with the EPA's decision on the level of assessment.

Stakeholder(s)	Date	Description
WPDRG	3 March 2022	Meeting to provide update on submittal of NT EPA Referral and application for AAPA certification. Two members, one also representing Larrakia Nation, requested additional meetings with Santos.
TLC	4 March 2022	Meeting to discuss Barossa Project activities and potential areas for collaboration on environmental projects with relevance to the DPD section in Commonwealth Waters. Part of ongoing Barossa engagement process.
Darwin Harbour Advisory Committee (DHAC)	14 March 2022	Introductory meeting with new chair of Darwin Harbour Advisory Committee who explained its role and ways that Santos' DPD Project can link into the both the Committee's work and relevant personnel in NT DEPWS working with the Committee. Santos will present at the next DHAC meeting.
NT DITT - Fisheries	15 March 2022	Meeting to discuss the requirement for a fisheries licence under secondary approvals for the DPD Project and the process involved. Further discussion was held on CPRFPA with Fisheries advising while there is no heavy reef habitat in the area, the jewfish aggregation area needed to be avoided. Fisheries agreed that pipelines were generally beneficial to recreational fishing activities. It also did not see the DPD project causing problems for mud crab migration. Santos will provide the Department with data and imagery from its surveys in the harbour.
NT DITT - Tenure	15 March 2022	Meeting to discuss the process for submittal of secondary approvals for the DPD Project, i.e. pipeline licence, scope/statement of validation, consent to construct and operate and Pipeline Management Plans, including Dredge Management Plan.
NT DIPL	16 March 2022	Meeting to provide update on submittal of Referral and discuss process for submittal of secondary approvals.
Inpex	16 March 2022	Meeting to share information on respective projects involving future dredging in Darwin Harbour. Inpex has also commenced consultation on a five-year dredging maintenance program.
Darwin Harbour Advisory Committee (DHAC)	17 March 2022	<p>Presentation to DHAC meeting on NT EPA Referral. Several members sought further information about how the pipeline factored into Santos' future greenhouse gas emissions management at DLNG and the proposal for CCS at Bayu-Undan. Barossa agreed to ask a representative from the CCS project team to attend a future meeting. AFANT member stressed that documents from proponents say things such as there are sparse corals and rocky areas in the Harbour as a reason to not be as concerned; but the sparse number also means their value is greater.</p> <p>Santos stated it was keen to get all feedback and to work with the committee going forward; the DPD trenching program will be quicker and less impactful than the program for Ichthys pipeline; and environmental information gained can be shared. Santos advised it would provide regular updates on the project.</p>

Stakeholder(s)	Date	Description
Tiwi landowner group - Jikilaruwu	18 March 2022	Meeting with Jikilaruwu clan group to discuss Barossa Project activities and potential areas for collaboration on environmental projects with relevance to the DPD section in Commonwealth Waters. Part of ongoing Barossa engagement process.
Northern Territory Seafood Council (NTSC)	18 March 2022	NTSC, which represents commercial fishing licence-holders, did not make a submission. NTSC confirmed that commercial fishers do not operate within the harbour, however, there is some fishing activities within other NT Waters jurisdictions. NTSC's two main requests were for Santos to not disturb the jewfish aggregation area within the CPRFPA and to mitigate against fishing gear being snagged around the pipeline. NTSC will provide contacts from Coastal Line Fishery or other fisheries if more information is required.
AFANT	18 March 2022	Meeting to provide update re submission of NT-EPA Referral and outcomes of discussions held with NT-DITT (Fisheries) on fish protection area and protection of jewfish aggregation site.
Stage 3: Preparation of SER prior to submittal to NT EPA		
Charles Darwin University	4 April 2022	Meeting with researcher to discuss issues related to presence and potential impacts on turtles in Darwin Harbour and NT Waters generally. An expert contact was also provided within NT DEPWS who was also contacted by Santos. The experts advised that the main issue impacting turtles on Darwin beaches is the presence of human traffic and resulting interaction, especially with other animals. Lighting from vessels at sea was considered less of a problem than lighting on land. In terms of the wider region, experts advised there was still a significant knowledge gap impacting the ability to fully understand the impacts on the overall health of the turtle population.
DAWE	4 April 2022	Further meeting to discuss submittal of EPBC Act referral for DPD Project in NT Waters with focus on noise and light impact from vessels in the harbour.
NT DITT- Energy	21 April 2022	Further discussion around construction activities associated with the DPD Project and information on secondary approvals to SER (e.g. construction plans and pipeline management plans).
NT P&WC	28 April 2022	Further meeting to discuss the status of power and communications cables and crossings that will be required and may be required in the future.
NT DIPL - Middle Arm Project	3 May 2022	Meeting to share information on DPD Project and Middle Arm Sustainable Development Project, including indicative timeframes and plans for activities in Darwin Harbour and current/planned environmental studies. Aim is to investigate potential areas for collaboration and management of cumulative impacts.

Stakeholder(s)	Date	Description
DAWE	3 May 2022	Further meeting to discuss EPBC referral, focusing on provision of additional information on noise and light impact assessments. Santos presented its progress on the referral and the department clarified questions related to how impact significance is determined. Santos is awaiting two more technical reports in order to finalise responses.
Tourism NT	3 May 2022	Meeting to discuss DPD Referral to NT EPA and stakeholder consultation undertaken to date with other users of Darwin Harbour and surrounds. Tourism NT assisted Santos with further identification of stakeholders, including Tourism Top End which represents charter boat operators along with the NT Guided Fishing Industry Association. Tourism NT advised that communication prior to and during the activities was critical and offered to assist by passing on communication via its monthly newsletter.
TLC	4 May 2022	Meeting to discuss Barossa Project activities and potential areas for collaboration on environmental projects with relevance to the DPD section in Commonwealth Waters. Part of ongoing Barossa engagement process.
Sea Darwin	4 May 2022	Meeting to discuss DPD Referral to NT EPA and stakeholder consultation undertaken to date with other users of Darwin Harbour and surrounds. The business owner/operator reiterated the importance of communication and need to liaise with Tourism NT and Top End Tourism. The owner/operator is also a member of the DHAC and will be kept informed through that membership as well as directly by Santos.
Larrakia Nation/Larrakia Sea Rangers	4 May 2022	Meeting to discuss DPD Referral and progress of application to AAPA for Clearance Certificate as well as consultation being undertaken with WPDRG, NLC and TLC. Further discussions to be held with Larrakia Sea Rangers re potential involvement in future environmental monitoring programs and other tasks associated with DPD Project.
Darwin Dive Shop/Academy	6 May 2022	Meeting to discuss DPD Referral to NT EPA and anecdotal advice received from NT DITT - Fisheries related to recreational diving in Darwin Harbour. Advice provided that the Darwin Harbour area is generally challenging for divers without the necessary experience, but particularly during specific periods of the year. Santos requested to ensure it mitigates any impact causing turbidity near to any identified dive wreck sites and keep stakeholders informed prior to and during the proposed activities.
NT DIPL - Darwin Ship-lift and Mandorah Ferry projects	13 May 2022	Meeting to share information on DPD Project and DIPL Ship-lift and Mandorah Ferry Project, including indicative timeframes and plans for planned activities in Darwin Harbour and current/planned environmental studies. Aim is to investigate potential areas for collaboration and management of cumulative impacts.
NT DEPWS	13 May 2022	Meeting to discuss sections of department's submission on DPD Referral on monitoring of water quality in Darwin Harbour. Santos provided information re proposed environmental management studies for the Project and committed to work closely with the department's aquatic group and within its integrated marine monitoring and

Stakeholder(s)	Date	Description
		research program. Santos also agreed to share sediment and water quality data that will be produced with associated studies of the Project. Once modelling results from some studies are finalised, Santos will further discuss with department opportunities for alignment and collaboration.
NT DEPWS	25 May 2022	Meeting to discuss NT EPA additional information requirements for the DPD Project Supplementary Environmental Report (SER) related to marine environmental quality, marine ecosystems and atmospheric processes.
Top End Tourism	27 May 2022	Meeting to discuss DPD Referral to NT EPA and stakeholder consultation undertaken to date with other users of Darwin Harbour and surrounds. Top End Tourism represents charter boat operators and has established relationships with Larrakia and Tiwi indigenous organisations. Has a board of management and advised that it would be happy for Santos to present on the DPD Project.
NT DIPL - Regional Harbourmaster	27 May 2022	Further meeting to discuss proposed route for Darwin Pipeline Duplication in NT Waters.
NT DEPWS	31 May 2002	Further meeting to discuss NT-EPA additional information requirements for the DPD Project Supplementary Environmental Report (SER).
ALL	17 June 2022	Direct distribution to All identified stakeholders via email of Barossa Project Quarterly Update, including information on Darwin Pipeline Duplication and NT EPA Referral.
NLC	2 June 2022	Meeting to provide update on EPA Referral, AAPA clearance certification process and submittal and public comment process for pipeline licence application for NT Waters.
NT DITT - Fisheries	3 June 2022	Meeting to discuss pipeline survey work in Darwin Harbour related to DPD Project and whether the department would like any specific locations included. Santos committed to sharing all information gained from the survey with the department.
NLC	10 June 2022	Meeting to provide update on EPA Referral, AAPA clearance certification process, the potential need for additional consultation with indigenous stakeholders and the public comment process for pipeline licence application in NT Waters.
WPDRG	10 June 2022	Meeting to provide update on EPA Referral, AAPA clearance certification process and submittal and public comment process for pipeline licence application in NT Waters.
DAWE	17 June 2022	Further meeting to discuss EPBC referral, focusing on provision of additional information on noise modelling and impact thresholds.

Stakeholder(s)	Date	Description
DHAC	22 June 2022	Presentation to committee meeting providing update on progress of SER preparation and information on completed and habitat surveys and planned noise and plume modelling.
NT DITT - Fisheries	28 June 2022	Discussion on CPRFPA. Fisheries confirmed that reference in its submission on the DPD Referral to an 'important subsea structure' is the jewfish aggregation area previously advised and that the rest of the protection area is believed to be flat mud bottom. Santos reiterated that the proposed pipeline route is further away from the aggregation area than the existing Ichthys and Bayu-Undan to Darwin pipelines.
NT DEPWS	29 June 2022	Meeting to discuss plume modelling thresholds to be used in development of trenching plans for incorporation in SER being prepared.
DAWE	30 June 2022	Further meeting to discuss EPBC referral, focusing on provision of additional information on noise modelling and impact thresholds.
Chief Minister's Office	4 July 2022	Meeting to provide update on Barossa Project activities, including preparation of SER. Santos advised that information on economic and social benefits/impacts, as requested by the Chief Minister's Department in its submission, would be included in the SER.
NT DIPL - Middle Arm Project	5 July 2022	Further meeting to share information on DPD Project and Middle Arm Sustainable Development Project, including indicative timeframes and plans for activities in Darwin Harbour and current/planned environmental studies. Aim is to investigate potential areas for collaboration and management of cumulative impacts. DIPL shared information on the progress of developing a working group to inform the government's plans for a Darwin Harbour Dredging Strategy.
AFANT	5 July 2022	Further meeting to discuss progress on preparation of SER and how Santos will be responding to issues raised in AFANT's submission to the Referral and AFANT's views of current and potential fish and habitat research in Darwin Harbour.
TLC	6 July 2022	Meeting to discuss Barossa Project activities and potential areas for collaboration on environmental projects with relevance to the DPD section in Commonwealth Waters. Part of ongoing Barossa engagement process.
Darwin Port	6 July 2022	Meeting to provide update on progress of all aspects of DPD planning as related to port operations, including future communication with key contracting companies for marine, wharf and road activities.
NT DIPL - Regional Harbourmaster	6 July 2022	Further meeting to discuss proposed route for DPD in NT Waters.

Stakeholder(s)	Date	Description
NT DIPL – Planning (Roads)	8 July 2022	Meeting to discuss progress on preparation of SER and DIPL submission requesting that a traffic impact assessment be included for movement of materials and personnel associated with the DPD Project. Santos advised that a specialist consultancy would undertake the assessment.
Department of Defence - Navy	8 July 2022	<p>Meeting to discuss progress on preparation of SER and specifically share proposed schedules to discuss any potential cumulative impacts and/or collaboration that may be possible between the DPD Project and the Department’s dredging plans. Based on the available documentation it is likely the respective dredging programs will not coincide as DPD will not be commencing until mid-2023 at the earliest.</p> <p>Santos also raised a query related to potential anchoring of some vessels within a corridor that traverses two areas of Naval Waters and what permitting process was involved. Defence (Navy) representatives suggested Santos should also contact the Department of Defence in Canberra to discuss its requirements and any potential restrictions during naval exercises to be conducted during 2023</p>
NT DIPL	12 July 2022	<p>Further information share between Santos on the DPD Project and NT DIPL’s Ship-lift and Mandorah Ferry projects. Santos provided an update via email on the DPD Project and progress with environmental approvals and supporting studies, including drafts of environmental management plans for construction, trenching, spoil disposal marine fauna and acid sulphate soil.</p> <p>Santos advised it has completed modelling for underwater noise, sediment transport, contingency treated seawater discharge and oil spill and can share outputs and spatial layers. The interpretation of plume modelling and design of water quality monitoring programs and results from an ROV survey in Darwin Harbour of habitat/potential heritage targets can also be shared. Santos asked if both projects could also share specific information to ensure collaborative investigations, e.g. locations of water quality monitoring sites and other GIS information.</p>
NT DITT – Energy; Tenure	27 July 2022	Meeting to provide the department with an update on AAPA Clearance Certification process and discuss whether there are any other requirements related to Native Title consultation. Department advised it was not aware of any issues that would trigger additional legislative requirements and consultation than Santos was already progressing.
Inpex	10 August 2022	Ongoing sharing of information on respective projects involving future dredging in Darwin Harbour. Inpex has also commenced consultation on a five-year dredging maintenance program.
NT DIPL – Regional Harbourmaster	26 August 2022	Further meeting to discuss proposed route for DPD in NT Waters

Stakeholder(s)	Date	Description
NT DEPWS	31 August 2022	Meeting discuss progress of EPBC Act referral for DPD Project and NT secondary approval queries. Santos advised the EPBC Referral for NT Waters has been withdrawn and is being revised to also include Commonwealth waters section of pipeline. DEPWS advised that its SER additional information requirements will continue to await the outcome of the EPBC Act referral assessment. Discussion also held re accredited assessment process, SER submittal date and further public comment period and waste discharge licence requirements for dredging, treated seawater discharge and filter backflushing activities.
WPDRG	1 September 2022	Santos provided update on all Barossa-related activities, including progress on preparation of SER for DPD Project and AAPA Certificate Certification process. Specific information was requested on status of some DPD work contracts and this was provided following the meeting.
Commonwealth Department of Climate Change, Energy, the Environment & Water (DCCEW). Note: formerly DAWE.	7 September 2022	Meeting with representatives of EPBC Referral Assessment Team to discuss required content and process surrounding submittal of EPBC Act referral for DPD Project in NT and Commonwealth Waters. Santos advised that no additional MNES species have been identified for the for 23km section in Commonwealth Waters. The submission will include specific activities related to the additional 23km section including treated seawater and MEG discharge plus spool, PLET and mattress installation.
NLC	12 September 2022	Further meeting to discuss progress on DPD Project and AAPA Clearance Certificate, role of the NLC and other groups in Darwin Harbour and opportunity to engage with ranger groups for any project related compliance requirements.
TLC	12 September 2022	Meeting to discuss Barossa Project activities and potential areas for collaboration on environmental projects with relevance to the DPD section in Commonwealth Waters. Part of ongoing Barossa engagement process. Discussion also focussed on the organisation of further clan group meetings to discuss installation of the pipeline.
Inpex	14 September 2022	Ongoing sharing of information on respective projects involving future dredging in Darwin Harbour.
NT-DIPL	19 September 2022	Further meeting, with Santos' consultant also involved, to discuss preparation of Traffic Impact Assessment for DPD Project and information required. Santos confirmed the assessment attached to the SER document will include movement of both materials and personnel.
Inpex	21 September 2022	Ongoing sharing of information on respective projects involving future dredging in Darwin Harbour.
NT DITT - Energy; Tenure	6 October 2022	Meeting to further discuss preparation and submittal of secondary approvals related to DPD Project.
NT DIPL - Planning	6 October 2022	Meeting to further discuss preparation and submittal of secondary approvals related to DPD Project.

Stakeholder(s)	Date	Description
TLC	6 October 2022	Meeting to discuss Barossa Project activities and potential areas for collaboration on environmental projects with relevance to the DPD section in Commonwealth Waters. Part of ongoing Barossa engagement process. Removal of ghost nets, feral pests and turtle monitoring are ongoing focusses for Tiwi Land and Sea Rangers and provide opportunities to support. Meeting focussed on organisation of further clan group meetings to discuss installation of the pipeline and how information is provided. Santos also advised that it was resubmitted the DPD EPBC Act Referral to DCCEEW which will also now include the 23km section in Commonwealth Waters south of the Tiwi Islands.
AAPA	6 October 2022	Meeting to provide update re progress of DPD referrals to NT-EPA and Commonwealth Government, DPD NT (new) and Commonwealth (variation) pipeline licence applications and consultation with TLC and NLC
Inpex	12 October 2022	Ongoing sharing of information on respective projects involving future dredging in Darwin Harbour
NT-DIPL - Planning	18 October 2022	Further discussion with the relevant department personnel on the process for submittals of an Exceptional Development Permit (EDP) under the Planning Act 1999 (NT) and Planning Regulations 2000 (NT), for the dredging/trenching in Darwin harbour (pipeline up to the beach valve) and an Occupational Licence under the NT Crown Lands Act 1992 and Crown Lands Regulation 1992 (NT) for the activities to be undertaken in the dredge disposal area.
Department of Defence	8 November 2022	Meeting to discuss anchoring requirements in sections of Darwin Harbour identified for defence activities and schedules for future defence exercises and DPD activities in the event they coincide.
NT DIPL	8 November 2022	Further information share between Santos on the DPD Project and NT DIPL's Ship-lift and Mandorah Ferry projects. Topics included progress with environmental approvals and supporting studies, suitability of spoil materials for potential reuse and coordination of land traffic management in event that rock transport for projects is occurring simultaneously.
NT-DPIL Middle Arm	8 November 2022	Provision of status update to Middle Arm project management with emphasis on planning and progress of environmental studies and sharing of results.
NT-DIPL – Regional Harbourmaster	8 November 2022	Ongoing discussion re final route of pipeline in Darwin Harbour.
Tourism NT	9 November 2022	Provision of update on project approvals and proposed schedule of works in Darwin Harbour. Particular focus on consultation with guided fishing industry and other groups representing other users of the harbour and plans for future consultation in lead-up to and during execution phase.

Stakeholder(s)	Date	Description
DHAC	10 November 2022	Presentation by Santos, as requested by DHAC members, on the process of Carbon Capture and Storage, Santos' current CCS-related projects in Australia and the proposed Bayu-Undan CCS Project.
AFANT	10 November 2022	Provision of update on project approvals and proposed schedule of works in Darwin Harbour with particular focus on progress of environmental studies as related to issues previously raised by AFANT in its Referral submission.
WPDRG	18 November 2022	Provision of update on project approvals, including AAPA investigation for Clearance Certificate, and proposed schedule of works in Darwin Harbour and DLNG shore crossing.
NLC	2 December 2022	Provision of update on project approvals, including AAPA investigation for Clearance Certificate, and proposed schedule of works in Darwin Harbour and DLNG shore crossing.
Inpex	14 December 2022	Ongoing sharing of information on respective projects involving future dredging in Darwin Harbour.
Department of Territory Families, Housing & Communities - Heritage	20 December 2022	Provision of update on completed archaeological survey work in NT Waters and proposed process for further survey in Darwin Harbour.
NTGFIA	23 January 2023	Provision of update on progress of environmental approvals with particular focus on schedule for proposed works, mitigation of impacts on existing habitat, including in Charles Point Reef Fish Protection Area, consultation efforts that will occur in lead-up to and during execution of works in order to manage impacts on other users.
Paspaley Pearling	24 January 2023	Provision of update on progress of environmental approvals with particular focus on schedule for proposed works. Topics included avoidance of offshore pearl lease areas by transiting vessels, management of potential impacts due to spoil disposal activities, mitigation of impacts to aquaculture operations at Channel Island and nature and extent of exclusion zones during pipelay activities.
DITT – Mines & Energy	24 January 2023	Provision of update on progress of environmental approvals with particular focus on required secondary approvals via the Department, timing of approvals and progress on final pipeline route.
DITT - Fisheries	27 January 2023	Provision of update on progress of environmental approvals with specific discussion on avoidance of fish aggregation area in Charles Point Reef Fish Protection Area, extent of trenching and rock dumping required, progress of discussions with other fishing stakeholders on issues raised in Referral submissions and process for required Fisheries Permits for some activities.
DIPL	27 January 2023	Further information share between Santos on the DPD Project and NT DIPL's Ship-lift and Mandorah Ferry projects. Topics included progress with environmental approvals and supporting studies, suitability of spoil materials for

Stakeholder(s)	Date	Description
		potential reuse and coordination of land traffic management in event that rock transport for projects is occurring simultaneously.
DITT -Fisheries	1 March 2023	Presentation to NT Department of Fisheries and users of the Darwin Aquaculture Centre re progress of environmental documentation for EPA assessment, proposed activities and indicative schedule with specific focus on the outcomes of sediment dispersion modelling for planned trenching in closest proximity to Channel Island, potential for impacts from mobilisation and accumulation of heavy metals and proposed environmental monitoring program.