

## ASC Stakeholder Engagement Plan

ELA-000178

**VERSION 2.0** 

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## **VERSION APPROVAL**

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## APPROVAL HISTORY

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#### 1 PURPOSE

The Arnhem Space Centre (ASC) Stakeholder Engagement Plan has been developed to define the approach undertaken by Equatorial Launch Australia (ELA) in relation to stakeholder engagement during Phase 2 expansion and subsequent launch operations undertaken at the ASC.

The objectives of the plan are:

- 1. To describe the communication approaches for impacted and potentially affected communities (near site and also specific requirements during launches), and identifying culturally appropriate methods of communication,
- 2. To describe the ASC approach for community awareness and potential involvement during site expansion activities and launch operations activities as appropriate for the stakeholders impacts,
- 3. To recognise the role that Aboriginal people and other landowners have as stewards of their country and the importance of participation of Aboriginal people, landowners and communities in environmental and recovery decision making processes,
- 4. To identify the actions required for implementation to create and build relationships with key stakeholders, gaining local support and maximising positive benefits,
- 5. To identify and plan the actions and activities required to support meeting legislative requirements (references A through E) to engage with stakeholders for land access, agreements and approvals.

This plan does not include ELA customer stakeholders which are Australian or international launch companies ("Clients") seeking to launch with ELA.

#### 2 REFERENCES

#### 2.1 EXTERNAL REFERENCES

Serial	Title	Author	Version
Α	Environment Protection Act 2019 (NT)	NT Government	
В	Environment Protection Regulations 2020 (NT)	NT Government	
С	Environment Protection and Biodiversity Conservation Act 1999 (Cth)	Commonwealth of Australia	
D	Space (Launches and Returns) Act 2018 (Cth)	Commonwealth of Australia	Latest Version
E	Space (Launches and Returns) (General) Rules 2019 (Cth)	Commonwealth of Australia	
F	Best Practice Guide for Remote Engagement and Coordination	NT Government	
G	NT EPA Stakeholder Engagement and Consultation Guidelines	NT Government	

## 2.2 ELA DOCUMENTS

Serial	DIN	Title	Version
Н	ELA-00117	ASC Principles of Land and Water Access	3.0

#### 2.3 DEFINITIONS AND ACRONYMS

Definitions and acronyms applicable to this document are listed below.

Term	Definition		
Environment	As defined by Environment Protection Act 2019 (NT) s6 o all aspects of the surroundings of humans including physical, biological, economic, cultural and social aspects.		
Impact	As defined by Environment Protection Act 2019 (NT) s10 o an event or circumstance that is a direct consequence of the action; or that is an indirect consequence of the action, and the action is a substantial cause of that event or circumstance.		
Significant Impact	As defined by Environment Protection Act 2019 (NT) s 11 o an impact of major consequence having regard to: o the context and intensity of the impact; o the sensitivity, value and quality of the environment impacted on; and o the duration, magnitude and geographic extent of the impact.		
Stakeholders	<ul> <li>a) People or entities who are, or have the potential to be, directly or indirectly affected by a proposal and with an interest or stake in the outcome of a decision and/or the ability to influence its outcome, either positively or negatively.</li> <li>b) Stakeholders of a proposal undergoing environmental assessment can include individuals, communities, groups, non-government organisations, land councils, government agencies, industries and industry associations, and interest groups</li> </ul>		
Engagement	Involves communication, dialogue, listening and responding, and may involve formal consultation to meet legal requirements		
Consultation	Involves two-way communication initiated by proponents to obtain feedback from stakeholders, usually through questions and answers		
Up-Range	The area close to and around the launch site, typically defined around launch safety areas which are specific to each launch vehicle		
Down-Range	The area away from the launch site, typically defined around the safety areas in which vehicle hardware may return (recovery areas).		
Recovery Area	Area in which descending launch vehicle hardware (typically first stage booster motor) will land and be recovered from.		

#### 3 PROPOSAL AND REGULATORY REQUIREMENTS

ELA was founded in 2015 to develop multi-user commercial space launch capacity in Australia. ELA's mission is to be the pre-eminent multi-user, commercial space launch company providing world-class equatorial spaceport services, supporting test, launch, and recovery of space vehicles and payloads flown to and from all space orbits.

Phase 1 was completed in 2022 and Phase 2 will expand the ASC to the area that was previously the Gulkula South Mine and the Gulkula North Mine and will develop the final and preferred primary launch site on a total lease area of 630 ha. The affected area (including Phase 1 site) will be approximately 250-300 ha of land where the majority has been previously mined and in some smaller areas, partially rehabilitated by Gulkula Mine. An additional seven primary Launch Pads and seven back up pad locations with supporting infrastructure, including mission support buildings, fuel storage, and water storage for the launch deluge system, will be constructed from 2024 to 2026.

The key regulatory requirements for approval and operation of ASC as a space port are included in references A through E. The response to and application of these requirements are implemented through ELA's bespoke ASC operating model (people, policies, plans, procedures, systems) and is reviewed and approved by Australian Space Agency in application for the Launch Facility Licence (ALP) as well as checked before granting of each Australian Launch Permit (ALP).

#### 4 PREVIOUS ENGAGEMENT

Through the entirety of its existence, and despite erroneous self-serving commentary to the contrary by a prominent but absolutely sole protagonist, ELA has undertaken extensive and constant engagement and information programs with local and affected community elements. Initial lease and environmental approval engagement including comprehensive consultation was conducted when establishing the ASC. This was assessed under the Environmental Assessment Act 1982 where the decision was made that the "potential environmental (including social) impacts and risks of the proposed action were not so significant as to warrant environmental impact assessment by the NT EPA under provisions of the EA Act at the level of a Public Environmental Report or Environmental Impact Statement.

Through this process and that of building the initial site and implementing the NASA launch campaign, ELA established and refined the approach and protocols for engaging locally around the site as well as down-range when required for recovery. This improved approach is reflected in this plan.

#### 5 STAKEHOLDER ENGAGEMENT APPROACH

#### 5.1 NATURE OF ACTIVITIES AT ASC AND SEGMENTATION OF STAKEHOLDERS

The location of ASC is unique and allows for capability of both orbital and sounding launch trajectories. These areas are depicted in Figure 1 below with the primary aim (>98% of launches) of fulfilling the key orbital trajectories (red lines) East (Equatorial/Low inclination), South-East (Midinclination) and South (Polar and Sun-synchronous orbits). The small and shorter suborbital ranges (shaded areas) where all items from sub-orbital launches only are expected to return to earth and be recovered by ELA are of less demand by industry and expected to be activated less frequently (<2% of launches).

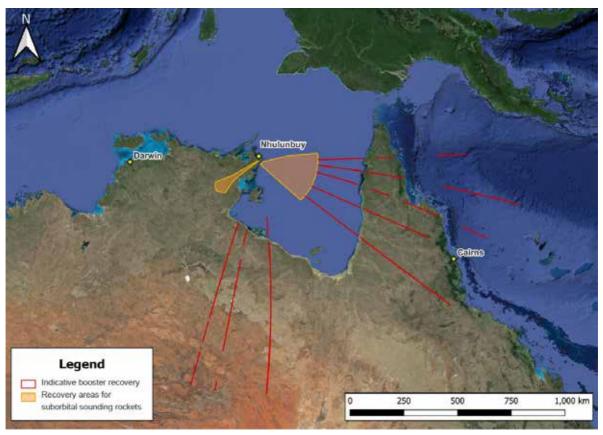


Figure 1: Sounding rocket areas and key Orbital Launch Trajectories (red) for Customers

Whilst the red lines on Figure 1 are used to depict the progression and trajectory of rockets during their flights and are where potential booster recovery will occur, the altitude (largely in space) are of absolutely no impact to either people or the environment. Figure 2 shows that for a typical flight path the rocket climbs vertically for more than 40kms and only turn "downrange" after this initial climb which is largely within the boundary of the ASC. Furthermore, this launch to space generally takes between 1-2mins.

It should be noted there is a mis-conception or perception that anyone who is close to the ground tracking path (black line) needs engagement. This is not correct, and depending on each launch specifics, only stakeholders in close proximity to the launch site and down-range recovery areas may be required to be engaged.

By the time the launch vehicle traverses (green line flight path) over any down-range land areas the launch vehicle is much, much higher (up to 60-90 times higher) than general aviation aircraft and moving into space with thousands of other satellites traversing over Australia every day.

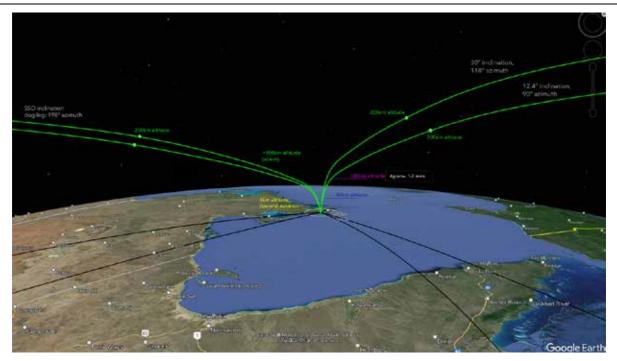


Figure 2: Likely Launch Trajectories highlighting altitude of orbital rockets vs general aviation

The details of each launch are not known and confirmed until ~9months prior to each launch. Due to the nature of launch variability, on both the direction and rocket type, the safety areas and procedures for each launch will be different, therefore ELA has separated stakeholders who could be potential affected by the operations of the ASC into 2 discrete categories:

- 1) Site development and local site operations; and/or
- Launch operations.

Operational activities within categories (1) and (2) are summarised below, where it should be noted that Category 2 stakeholders are engaged only during the Australian Launch Permit process, which is specific to each rocket mission, and the timeline provided in Annex B.

The effectiveness of launch "up-range" (at the spaceport) and "down-range" (>500km from launch site where spent stages and fairings will be recovered for refurbishment) engagement is reviewed as part of every Australian Launch Permit (ALP) process with ASA and a launch cannot proceed until the ALP is granted.

#### **Category 1: Site Development:**

o Earth works, infrastructure construction such as large sheds, cement launch pads, storage facilities,

- o Transport between Gove Port, Nhulunbuy and Kathrine to ASC for construction materials and consumables,
- o On site accommodation for ELA and supporting construction staff.

#### **Category 1: Site Operations:**

- o Transport between Gove Port, Nhulunbuy and Kathrine for launch materials and consumables (may include dangerous goods),
- Site maintenance activities including cleaning, weed management, fire prevention etc,
- o On site accommodation for ELA and launch clients.

### **Category 2: Launch Operations:**

- o Up-Range (close to site):
  - Establishing a launch safety area around ASC for public safety in accordance with the Launch Permit. This area will include restricting access to ASC for launch as well as a short distance away from site along the path of trajectory. Depending on the direction of launch and type of launch vehicle road closure for Bawaka Rd and removal of public from this launch safety area may be required for 30min.
- Down-Range (away from site):
  - § If required, establishing a recovery public safety area around where any descending hardware is projected to land in accordance with the Launch Permit. Depending on the direction of launch and type of launch vehicle road closures and removal of public from this safety area may be required for 30min.
  - Recovery operations to retrieve the descending hardware (stage 1 booster motor) and remediate the impact site this may be achieved through 4x4 vehicles, helicopter or boat.

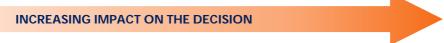
#### 5.2 ENGAGEMENT PRINCIPLES

ELA's principles for local engagement stems from our company values and are as follows:

Respect	We have respect for each other and all those we deal with. In particular, we respect traditional peoples of our land and the lasting relationship we have with them. We take care to be open to alternative views and to listen as well as speak. We respect our stakeholders' expertise and knowledge and appreciate the benefits of mutual learning.
Integrity	We act honestly and with the highest ethical standards. Always.
Purposeful	We begin every engagement with a clear understanding of what we want to achieve. We support the activity as a process to make better decisions and incorporate the interests and concerns of impacted stakeholders.
Inclusive and flexible	We identify relevant stakeholders and make it easy for them to engage. We recognise the different communication needs and preferences of stakeholders and endeavour to meet these wherever possible.
Timely	We involve impacted stakeholders from the start and agree on when and how to engage. We will adapt the plan and/or process if the engagement is not achieving its intended purpose and objectives.
Transparent	We are open and honest in our engagement and set clear expectations. We will explain the engagement process, the role of stakeholders in the engagement process and communicate how their input will inform the Project.

#### 5.3 ENGAGEMENT APPROACH

ELA is committed to an open and transparent engagement and has adopted the NT EPA recommended (reference G) International Association of Public Participation (IAP2) framework in Figure 3.



	INFORM	CONSULT	INVOLVE	COLLABORATE	EMPOWER
PUBLIC PARTICIPATION GOAL	To provide the public with balanced and objective information to assist them in understanding the problem, alternatives, opportunities and/or solutions.	To obtain feedback on analysis alternatives and/or decisions.	To work directly with the public throughout the process to ensure that public concerns and aspirations are consistently understood and considered.	To partner with the public in each aspect of the decision including the development of alternatives and the identification of the preferred solution.	To place final decision making in the hands of the public.
PROMISE TO THE PUBLIC	We will keep you informed.	We will keep you informed, listen to and acknowledge concerns and aspirations, and provided feedback on how public input influenced the decision.	We will work with you to ensure that your concerns and aspirations are directly reflected in the alternatives developed and provided feedback on how public input influenced the decision.	We will look to you for advice and innovation in formulating solutions and incorporate your advice and recommendations into the decisions to the maximum extent possible	We will implement what you decide.

Figure 3: Stakeholder Engagement Levels

#### 5.4 ENGAGEMENT PRIORITY

Due to the variability of downrange operations, ELA has established a practical and tiered system for stakeholder identification and engagement. As outlined in Figure 4, when initiating new launch projects, ELA will leverage established relationships and existing forums to identify and engage with affected stakeholders. This tiered approach ensures ELA adheres to the Principles in section 5.2, while also allowing for the incorporation of specific nuances and additional guidance from the higher levels of engagement.

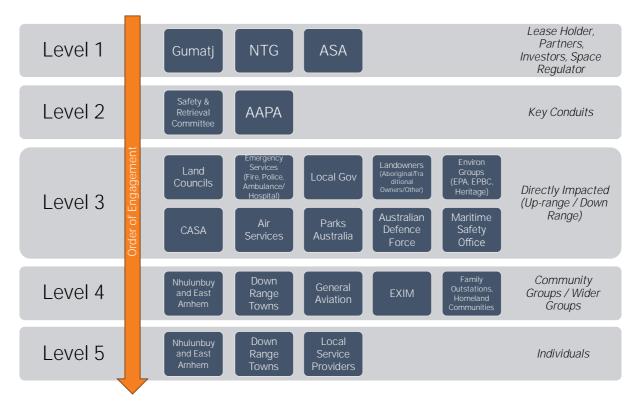


Figure 4: Prioritised stakeholder engagement levels

This tiered approach ensures that we engage effectively with all relevant parties, starting with higher-level government and regulatory bodies, followed by direct engagement with landowners, Traditional Owners, and other local stakeholders.

**Identified**: As the mission optimisation process progresses and is finalised approximately 12 to 9 months before the launch, the final downrange landing and recovery areas will become clear. At this stage, ELA conducts an internal impact assessment to identify downrange key stakeholders, using a tiered engagement approach:

- Level 1 Stakeholders Lease holders, partners, investors, space regulator:
  - Northern Territory Government (NTG)
  - Australian Space Agency (ASA)
  - Gumatj Corporation
- Level 2 Stakeholders Key conduits:
  - o Safety and Retrieval Committee (SRC)
  - Aboriginal Areas Protection Authority (AAPA)

### Level 3 Stakeholders - Directly impacted (up-range / downrange):

- o Land Councils
- o Emergency Services (fire, police, ambulance/hospital)
- o Local Governments
- o Landowners (Aboriginal/Traditional Owners/others)
- o Environmental stakeholders (EPA, EPBC, Heritage)
- o Civil Aviation Safety Authority (CASA)
- o Air Services
- Parks Australia
- o Australian Defence Force
- Maritime Safety Office

### Level 4 Stakeholders - Community groups / wider groups:

- Nhulunbuy and East Arnhem
- o Downrange Towns
- General Aviation

- Export Imports stakeholders (EXIM)
- o Family Outstations, Homeland Communities
- Level 5 Individuals:
  - o Nhulunbuy and East Arnhem
  - o Downrange Towns
  - Local Service Providers

**Contacted**: Through established contacts at the Government, local council, and Traditional Owner levels, as well as through other organisations such as the AAPA, ELA will gather contact information and reach out directly or indirectly through networks. A key part of this process is working closely with Land Councils, specifically the Northern Land Council (NLC) and the Central Land Council (CLC), who play a central role in identifying and facilitating engagement with the appropriate Traditional Owner representatives. These Land Councils assist ELA in ensuring that all engagement with Traditional Owners is conducted respectfully and in accordance with cultural protocols. Additionally, ELA proactively engages with other important organisations, such as the Anindilyakwa Land Council (ALC), to identify any further stakeholders, gather contact information, and ensure that all potentially impacted parties are informed. The purpose of engaging with the CLC, NLC, and ALC is to leverage their knowledge and networks to identify the right Traditional Owner representatives and other stakeholders who may be affected by downrange activities.

**Informed**: ELA will then make contact to describe the process and reasons for engagement. This communication is conducted via phone, virtual meetings, or in-person visits. Stakeholders are informed of potential impacts from the proposed action and as required, invited to participate in the Safety and Retrieval Committee (SRC).

**Consulted**: Through their inclusion in the SRC, stakeholders have the opportunity to provide feedback, which ELA will address as part of our engagement process.

In the Northern Territory, this process may also be triggered in parallel through the AAPA Authority Certificate process. Identified stakeholders, including Aboriginal landholders and pastoral lessees, will then be invited to participate in the SRC forum, where they will remain involved until after the launch. Furthermore, engagement with downrange stakeholders, including First Nations people, is required under the EPBC Act and forms part of our Australian Launch Permit due diligence.

**Failure Procedure alignment:** In the event of a Launch Failure (accident), ELA executes the operational procedure "LAUNCH VEHICLE / PAYLOAD ACCIDENT (DURING LAUNCH OR RETURN)". This procedure initiates execution of a tailored failure (accident) response plan. The ASC Master contact list — reviewed and updated throughout the Mission Optimisation and the Launch Project Planning processes — is used to inform and manage stakeholders in a prioritised manner. The Master Contact List will include all impacted stakeholders at all levels to ensure a seamless response in the unlikely event of an accident.

#### 5.5 STAKEHOLDER LIST AND ENGAGEMENT COMMITMENTS

Gumati Aboriginal Corporation

In Table 1 ELA has mapped the key ASC stakeholders against each Category and applying the level of the IAP2 commitments based on their level of being affected for that Category as well as level of influence on a positive outcome.

As ELA's lease holder, the Gumatj Traditional Owner Corporation is the only impacted entity and hence is the only stakeholder with the INVOLVE IAP2 commitment.

Category 1 Category 2

Site Site Operations

Site Operations

Up-Range Down-Range

**INVOLVE** 

INVOLVE

Table 1: ASC Stakeholder IAP2 Commitments

(landlord)

**INVOLVE** 

N/A

	Category 1		Category 2	
	Site Site		Launch Operations	
Stakeholder List	Development	Operations	Up-Range	Down-Range
Northern Land Council including community consultation at a regional level	INFORM	N/A	N/A	N/A
Central Land Council including community consultation at a regional level	N/A	N/A	N/A	CONSULT
Andilyakwa Land Council (Groote Eylandt)	N/A	N/A	N/A	CONSULT (possible airspace impacts)
<ul> <li>Traditional Owners</li> <li>Dhimurru Aboriginal Corporation</li> <li>Laynhapuy Homelands Aboriginal Corporation</li> <li>Rirratjingu Aboriginal Corporation</li> <li>Mimal Aboriginal Corporation</li> <li>Afura Swamp Rangers</li> <li>Southern East Arnhem Limited (SEAL) IPA Aboriginal Corporation</li> </ul>	INFORM	INFORM	CONSULT (dependent on launch)	CONSULT (dependent on launch)
Nhulunbuy Town Board	INFORM	INFORM	N/A	N/A
Electorate Nhulunbuy	INFORM	INFORM	N/A	N/A
East Arnhem Land Tourism Association	INFORM	INFORM	N/A	N/A
East Arnhem Regional Council - local authorities in Yirrkala and Gunyangara	INFORM	INFORM	N/A	N/A
Regional Economic Development Committee	INFORM	INFORM	N/A	N/A
Australian Space Agency (ASA)	INFORM	INFORM	INFORM	INFORM
NT EPA	INFORM	INFORM	INFORM	INFORM
Nature Positive Regulation Division   Environment Assessments West Branch   SA & NT Section (Department of Climate Change, Environment, Energy and Water)	INFORM	INFORM	INFORM	INFORM
Parks Australia (Department of Climate Change, Environment, Energy and Water)	N/A	N/A	N/A	CONSULT
Aboriginal Authority Protection Agency (AAPA)	INFORM	N/A	INFORM	CONSULT (dependent on launch)
Gove Airport	INFORM	INFORM	INFORM	N/A
Gulkula Mine	INFORM	CONSULT	CONSULT	N/A
Rio Tinto Gove Operations	INFORM	INFORM	N/A	N/A
Developing East Arnhem Land (DEAL)	INFORM	INFORM	N/A	N/A
NT Worksafe	INFORM	CONSULT	N/A	N/A
Air Services Australia	INFORM	INFORM	CONSULT	CONSULT
CASA	INFORM	INFORM	CONSULT	CONSULT
Australian Boarder Force	N/A	INFORM	N/A	N/A
Defence Export Controls	N/A	INFORM	N/A	N/A
ACMA	N/A	INFORM	N/A	N/A
AMSA	N/A	INFORM	N/A	N/A

	Category 1		Category 2	
	Site	Site	Launch Operations	
Stakeholder List	Development	Operations	Up-Range	Down-Range
NT CMC	INFORM	INFORM	INFORM	INFORM
Nhulunbuy EMS (Fire, Police, Emergency)	INFORM	INFORM	CONSULT	N/A
Recovery area EMS (Fire, Police, Emergency)	N/A	N/A	N/A	CONSULT
Australian Maritime Safety Office	N/A	N/A	N/A	CONSULT
Australian Defence Force	N/A	N/A	INFORM	INFORM

#### 5.5.1 CONTACT INFORMATION

The contact information (redacted individual names for public release) for ELA's stakeholders is found at Annex D. This list is maintained and updated before each launch as a requirement by the Space (Launches and Returns) Act 2018 (Cth) (references D and E) and is critical in the support of key ASC operating communication procedures.

#### 5.6 ENGAGING WITH ABORIGINAL STAKEHOLDERS

ELA is committed to engaging with Aboriginal communities in a culturally appropriate manner and aims to apply the guidance materials at reference G and summary table in Annex A. Critically and to good effect, ELA has regular engagement with and has relied on local Aboriginal Elders, Aboriginal Organisation CEOs and key community officials (NT Government, local land councils, community groups/forums) to provide feedback and support.

Applying this approach, ELA formed and matured the Safety and Retrieval Committee (SRC) leading into the NASA campaign and has been running this regularly to ensure two-way conversation is enabled on the following areas:

- information about ELA.
- information about the Phase 2 redevelopment,
- · information about future launches and specific upcoming launch safety requirements,
- the extent to which activities will, or are likely to, affect the environment both inside and outside the affected land area,
- proposed water, timber or other requirements to be obtained from the land,
- estimated infrastructure and numbers of vehicles and people that are likely to be on the affected land
- proposed mechanisms for minimising social impact,
- working with Aboriginal people to identify values and impacts,
- consideration of education and training, employment and economic development opportunities and,
- consideration of how local people can be engaged in research, monitoring and reporting activities.

This approach and SRC forum enabled the collaboration on and creation and use of ASC Principles of Land and Water Access (reference H) which acts as a protocol for ELA in conducting down range recovery planning and operations.

#### 5.7 RESOURCES AND RESPONSIBILITIES

Each of our stakeholders should have access to information that is relevant, meaningful and well understood.

We have prepared an continue to refine a general suite of materials to cater for the INFORMED commitments to our stakeholders. These include:

Local activity (including up-range launch operations):

- Electronic Direct Mail (email) to stakeholder groups,
- Communications, announcements and content shared via ELA owned community social media channels,
- Posts on community social media pages (e.g. Gove Noticeboard Facebook page),
- Local radio announcements,
- In language radio,
- Marine and Airspace pathways (NOTMAR, NOTAM),
- A dedicated Launch info website page [to be initiated/released going into next Launch]
- Project FAQ (in local language if required),
- · Visual information posters to support communication with Traditional Owners,
- Community notice board posters,
- · Media releases (local media and national consumer media),
- Community meetings / Open days.

#### Key Messages:

- Site Development and Operations:
  - o ELA business growth and ASC development,
  - o Environmental considerations,
  - o Local construction and jobs,
  - o FAQ and how to contact ELA.
- Launch Operations (up-range and down-range recovery):
  - o Who is the launch company launching the rocket and what rocket is it,
  - o Up-range safety areas and short timeframe road closures (if required),
  - o What is descending to be recovered,
  - Environmental considerations,
  - o Safey area and short timeframe road closures (if required),
  - o How and when recovery will be conducted (e.g. helicopter, boat, 4x4),
  - o FAQ and how to contact ELA.

ELA's commitment to CONSULT is delivered through tailored and direct meetings and for launches, using the Safety and Retrieval Committee (SRC).

ELA is responsible for ensuring effective implementation of stakeholder engagement relevant to the affected stakeholder and timing to the project. This is reviewed for each ALP application once specifics of the launch is known.

A key mechanism to assist in reaching affected stakeholders is leveraging the terms of reference for the SRC, which requires Aboriginal group leaders to cascade and carry messages to their organisations, communities and stakeholders. ELA then complements this through use of other communication channels as referenced above.

#### 5.8 STAKEHOLDER FEEDBACK, EVALUATION AND REVIEW (MONITORING)

ELA's catalogue of stakeholder engagement is included at Annex C and records the key improvements made as result of engagement and consultation to date.

ELA takes on board the feedback provided through formal Environmental Referral processes and provides minutes to all SRC and local community meetings for ongoing opportunity for feedback.

ELA's SRC continues to act as primary forum for ongoing engagement which aims to:

- maintain relationships with the community and stakeholders,
- · achieve positive outcomes for the community,
- inform decisions regarding operations of ASC,

• meet the object of the EP Act (section 3(e)) to recognise the importance of participation by Aboriginal people and communities in environmental decision-making processes.

#### 6 REPORTING STAKEHOLDER ENGAGEMENT

Stakeholder engagement processes undertaken are reported back to affected stakeholders through the established SRC forum and other supporting local community forms as required and will include:

- commitments made during, or as a result of, stakeholder consultations for ongoing stakeholder engagement processes throughout all stages of development including after the environmental impact assessment process is completed, such as during operation, decommissioning and closure.
- details of any stakeholder agreements to be negotiated, including agreements with state and local government agencies,
- information on how stakeholders can have ongoing interaction with the proponent, if the project is approved, to ensure emerging issues can be addressed,
- plan for future/ongoing engagement.

The outcomes of stakeholder engagement are incorporated into key plans, including specific launch safety area and recovery plans, and included in ELA's submission to ASA for issuance of the Launch Permit.

#### 6.1 NORTHERN TERRITORY ENVIRONMENTAL PROTECTION ACT OBJECTIVES

In the interest of continuing to build community awareness, trust and support, ELA is committed to an open and transparent approach to stakeholder engagement and therefore intends to include this plan in NT EPA and EPBC environmental reviews.

#### 7 ANNEXES

- A. Best Practice Guide for Remote Engagement and Coordination
- B. Launch Stakeholder Engagement Timeline
- C. Stakeholder Engagement Catalogue
- D. ASC Master Contact List (Redacted)

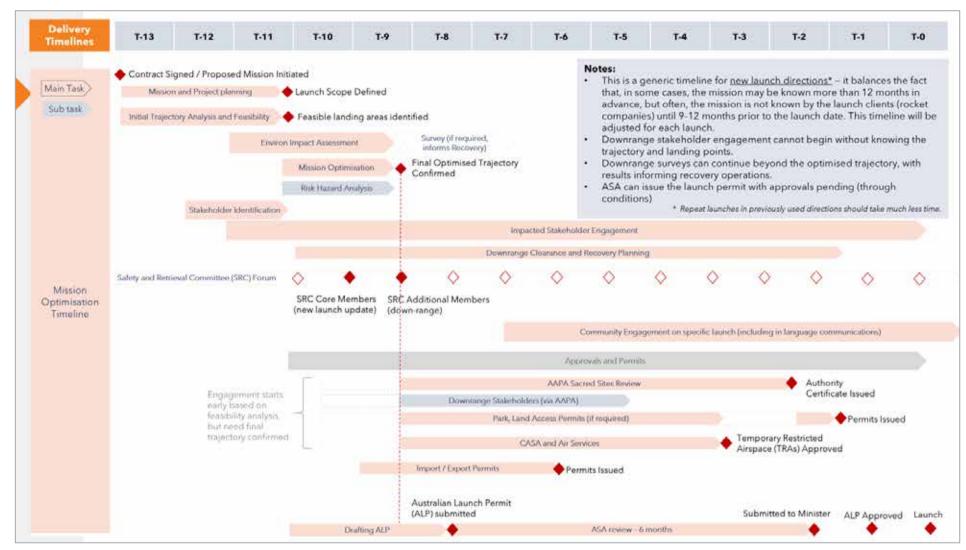
## ANNEX A BEST PRACTICE GUIDE FOR REMOTE ENGAGEMENT AND COORDINATION MATRIX

## Best Practice Guide for Remote Engagement and Coordination

Focus	Engagement – Key Actions	Coordination – Key Actions
Community	<ul> <li>Find out about the community, language, Aboriginal governance, cultural protocols, restrictions, local dynamics and any 'burning' issues bushtel.nt.gov.au.</li> </ul>	<ul> <li>Identify Aboriginal authorities, key stakeholders, other community members and regional staff who you should be informing, working with and learning from on the project or issue.</li> </ul>
You	<ul> <li>Consider your self-awareness, engagement skills, cultural competency, basic skills and training and identify gaps in your knowledge and skills.</li> <li>Be aware of assumptions and cultural blas you may be bringing, or even whether you are suited to regional and remote work.</li> <li>Stay open to learning and reflect on your performance.</li> </ul>	Identify, organise and promote professional support, learning or training opportunities you may need.     Record your reflections and evaluations.
Project	Define the project, opportunity or issue as well as the objectives and outcomes.  Clarify the decisions being made including negotiable and non-negotiables and who will make them, as well as any related decisions already made so that there is clarify on what can be influenced.  Identify community and other stakeholders.  Describe the role of the stakeholders and the intended relationship of the stakeholder with the government agency.  Identify the level and goal of engagement for each stakeholder group (see Levels of Remote Community Participation spectrum).  Identify the community engagement purpose, objectives, community expectations and outcomes (describe what success would look like if these engagement goals were to be met).  Plan and use methods and tools that suit the engagement and ensure the full participation of all stakeholders.	<ul> <li>Find out what is already known about the project, opportunity or issue, knowledge gaps, relevant history, level of interest and potential conflict or risk.</li> <li>Use Remote Information Coordination Systems for planning, documenting and evaluating engagement, coordination and visit bushtei.nt.gov.au and bushready.nt.gov.au.</li> <li>Find out how to contact other stakeholders, and where opportunities for collaboration, coordination, challenges or conflicts may exist or arise.</li> <li>Develop, support and use community-based and regional processes (e.g. Aboriginal governance groups, inter-agency meetings, Regional Coordination Committees).</li> <li>Facilitate community members' understanding of government processes and responses.</li> <li>Establish a clear sequence of communications and engagement activities that aligns with the community's governance and protocols.</li> <li>Identify critical resources such as the Aboriginal Interpreter Service and other resources necessary for the engagement process.</li> </ul>
elationships	<ul> <li>Good relationships are essential – find ways to build understanding and trust with Aboriginal authorities, community members and other stakeholders.</li> <li>Respect and follow local cultural protocols.</li> </ul>	Work closely with community-based and regional staff and others who have well-developed relationships with community members.  Keep everyone well informed at every stage of the project/process.
lme	<ul> <li>Avoid rushing – allow time and flexibility to build relationships and enable maximum participation.</li> <li>Allow time for community members and other stakeholders to understand and provide input into the project, opportunity or issue.</li> </ul>	<ul> <li>Early pre-engagement planning is crucial for getting the community prepared and ready.</li> <li>Base the negotiation of timing and timeframes on both community and government parameters.</li> <li>Ensure all stakeholders are kept up to date and have time to respond when things change.</li> </ul>
Communication and Close the loop	Communicate in ways that are appropriate and understood.  Understand the diversity of the target audience, including those living in regional and remote locations with a disability.  Where possible use a qualified Aboriginal interpreter who can assist with communicating in first language.  Ensure community members and other stakeholders are informed before, during and after the engagement.  Follow up and close the loop with community members and other stakeholders.	<ul> <li>Engage the Aboriginal Interpreter Service early in your project to understand what is needed to communicate your project or information effectively in first language.</li> <li>Help community members raise ideas and issues with the appropriate government agencies or organisations.</li> <li>Obtain and pass on responses to these.</li> </ul>
Evaluation	Before you start, plan evaluation of the engagement objectives, outcomes and process – from introducing the project, staying in touch and receiving feedback. As you go along, document, monitor and evaluate what happens, whether planned engagement objectives were met or not and any unplanned outcomes.  Ensure evaluation process is relevant and meaningful to the stakeholders.  Use evaluation to continuously improve engagement practice.	<ul> <li>Facilitate input into the ongoing evaluation and improvement of the Remote Engagement and Coordination Strategy and the Remote Information Coordination System from community and other stakeholders at regional and executive levels.</li> </ul>

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## ANNEX B LAUNCH STAKEHOLDER ENGAGEMENT TIMELINE



## ANNEX C STAKEHOLDER ENGAGEMENT CATALOGUE

Stakeholder	Engagement / Frequency	Option/s for feedback	Key Improvements Made as Result
Gumatj Aboriginal Corporation	<ol> <li>Lease consultations (facilitated by NLC with Gumatj, ELA support where required) - one off face to face and virtual</li> <li>Standing invite to ASC Safety and Retrieval Committee - recurring bi-monthly to weekly into launch</li> </ol>	Yes:  Through meetings and workshop forums  Direct to ELA if required	<ul> <li>Assisted in stakeholder mapping of up range TO groups</li> <li>Supported site lease expansion and AAPA processes</li> <li>Guidance on communication materials for expansion and launch activities</li> </ul>
Northern Land Council including community consultation at a regional level	<ol> <li>Lease workshops - once off face to face and virtual</li> <li>Standing invite to ASC Safety and Retrieval Committee - recuring bi-monthly to weekly into launch</li> <li>ELA visits to Darwin to update on operations and future lease considerations - every 6 months</li> </ol>	Yes:  Through meetings and workshop forums  Direct to Gumatj and ELA if required	Comprehensive regional engagement and consultation on new/updated lease and ELA proposed operations
Central Land Council including community consultation at a regional level	Inclusion to the ASC Safety and Retrieval Committee - when required for southern launches	Yes:  Through meetings and workshop forums  Direct to ELA if required	To be incorporated for specific southern launch when required
Andilyakwa Land Council (Groote Eylandt)	Inclusion to the ASC Safety and Retrieval Committee - when airspace temporary restricted areas are implemented and have impact on Groote Eylandt	Yes:  Through meetings and workshop forums  Direct to ELA if required	To be incorporated as required during specific launches
Local Traditional Owners:  Dhimurru Aboriginal Corporation  Laynhapuy Homelands Aboriginal Corporation  Rirratjingu Aboriginal Corporation  Mimal Aboriginal Corporation  Afura Swamp Rangers  Southern East Arnhem Limited (SEAL) IPA Aboriginal Corporation	<ol> <li>Standing invite to ASC Safety and Retrieval Committee – recuring bi-monthly to weekly into launch</li> <li>ELA visits to Nhulunbuy and local TO group head offices – every 6 months and more frequently as required leading into launches</li> <li>ELA visit to down range impacted areas (e.g. Numbulwar) to present at Annual IPA Meetings, Board Meetings or to Rangers – as required/requested leading into launch</li> <li>Hosted Senior Rangers attending at ASC before and during NASA launches for helping increase knowledge and understand what ELA is doing – as required/requested</li> <li>Invited to local awareness 'open day' at ASC or in Nhulunbuy as new Client launches become known – as required</li> </ol>	Yes:  • Through meetings and workshop forums  • Direct to ELA if required  • Open day feedback	Through workshops with this stakeholder group, ELA created and improved down range land access and recovery protocols.  ELA employed Mimal Rangers to support NASA launch campaign  Visit to Numbulwar for SEAL IPA Annual Meeting helped share info and create positive support for access to down range for NASA recovery  All TO Groups supportive of ELA business  Planned adjustments to ELA launch schedule to not impact Garma Festival
Nhulunbuy Town Board	Lease consultations (facilitated by NLC with Gumatj, ELA support where required) - once off face to face and virtual	Yes:	Awareness and support of ELA plans and launches

Stakeholder	Engagement / Frequency	Option/s for feedback	Key Improvements Made as Result
	<ol> <li>ELA visits to Nhulunbuy - as required during lead up to launch</li> <li>Membership as required at Community Launch Coordination Working Group (facilitated in partnership with DEAL) - as required leading into new Launch campaigns</li> <li>Invited to local awareness 'open day' at ASC as new Client launches become known - as required</li> </ol>	Through Launch coordination meetings Direct to ELA if required Open day feedback	Town readiness support for ELA and Launch Client accommodation, transport, and hospitality needs
Electorate Nhulunbuy	<ol> <li>Lease consultations (facilitated by NLC with Gumatj, ELA support where required) - once off face to face and virtual</li> <li>By direct invite by ELA to ASC for briefing on ELA operations - as required/requested during lead up to launch</li> <li>Invited to local awareness 'open day' at ASC as new Client launches become known - as required</li> </ol>	Yes: Direct to ELA if required Open day feedback	Awareness and support of ELA plans and launches
East Arnhem Land Tourism Association	<ol> <li>Lease consultations (facilitated by NLC with Gumatj, ELA support where required) - once off face to face and virtual</li> <li>ELA visits to Nhulunbuy - as required during lead up to launch</li> <li>Membership as required at Community Launch Coordination Working Group (facilitated in partnership with DEAL) - as required leading into new Launch campaigns</li> <li>Invited to local awareness 'open day' at ASC as new Client launches become known - as required</li> </ol>	Yes:  • Through Launch coordination meetings • Direct to ELA if required • Open day feedback	Awareness and support of ELA plans and launches     Town readiness support for ELA and Launch Client accommodation, transport and hospitality needs
East Arnhem Regional Council - local authorities in Yirrkala and Gunyangara	<ol> <li>Lease consultations (facilitated by NLC with Gumatj, ELA support where required) - once off face to face and virtual</li> <li>By direct invite by ELA to ASC for briefing on ELA operations - as required/requested during lead up to launch</li> <li>Invited to local awareness 'open day' at ASC as new Client launches become known - as required</li> </ol>	Yes: Direct to ELA if required Open day feedback	Awareness and support of ELA plans and launches
Regional Economic Development Committee	<ol> <li>Lease consultations (facilitated by NLC with Gumatj, ELA support where required) – once off face to face and virtual</li> <li>ELA visits to Nhulunbuy – as required/requested by Committee during lead up to launch</li> <li>Membership as required at Community Launch Coordination Working Group (facilitated in partnership with DEAL) – as required leading into new Launch campaigns</li> <li>Invited to local awareness 'open day' at ASC as new Client launches become known – as required</li> </ol>	Yes:  • Through Launch coordination meetings • Direct to ELA if required • Open day feedback	Awareness and support of ELA plans and launches     Town readiness support for ELA and Launch Client accommodation, transport and hospitality needs

Stakeholder	Engagement / Frequency	Option/s for feedback	Key Improvements Made as Result
ARDS Aboriginal Corporation	<ol> <li>Engaged to translate ELA Launch information (FAQs, Radio script, posters) into Yolnu Matha</li> <li>Engaged to release radio announcements in Yolnu Matha to East Arnhem area with launch information</li> </ol>	Yes:  • Through design and building of ELA TO native language materials	<ul> <li>Wider spread awareness of ELA plans and launches</li> <li>Strong local TO support for ELA</li> <li>ELA staff participate in online cultural awareness program</li> </ul>
Australian Space Agency (ASA)	<ol> <li>Ongoing fortnightly meetings in relation to Launch Facility Licence (LFL) and Australian Launch Permits (ALP)</li> <li>Launch Facility Licence technical review</li> <li>ELA visits to Canberra to update on operations including Environmental approach and considerations</li> </ol>	Yes:  Guidance through meetings Direct to ELA Formal feedback on LFL and ALP	<ul> <li>Guidance supported ELA to submit referral to EPBC</li> <li>Review helped refine ELA approach to operations</li> <li>Supported ELA Environmental approach with NASA 2022 Campaign</li> </ul>
NT EPA	ELA visits to Darwin to update on operations and future     Environmental considerations - every 6 months	Yes:  • Guidance through meetings  • Direct to ELA via NOI or Referral processes	<ul> <li>Guidance supported shaping of updated NT EPA Referral and EPBC Referral</li> <li>Supported ELA Environmental approach with NASA 2022 Campaign (through original a NOI)</li> </ul>
Nature Positive Regulation Division   Environment Assessments West Branch   SA & NT Section (Department of Climate Change, Environment, Energy and Water)	Initial engagement for guidance on Environmental Referral submission	Yes:  • Guidance through meetings  • Direct to ELA via submission gateway team	Helped guide scope of Referral (in context of NT EPA Referral in progress at same time)     Created clarity on the Referral process     Referral submission updated to ensure includes all required information
Parks Australia (Department of Climate Change, Environment, Energy and Water)	Initial engagement for clarification on additional layer of compliance required for recovery activities in marine waters	Yes:  • Guidance through meetings  • Direct to ELA via email to inform required process	<ul> <li>Confirmation Sea Dumping Permits are not applicable</li> <li>Guidance provided on how ELA recovery activities will interact the North Network of Marine Parks and the Coral Sea Marine Park</li> </ul>
Aboriginal Authority Protection Agency (AAPA)	<ol> <li>Lease Authority Certificate consultations- once off face to face and virtual</li> <li>ELA visits to Darwin to update on operations and future landing area launch and Sacred Site considerations - every 6 months/as required for launch</li> </ol>	Yes:  • Guidance through meetings  • Direct to ELA via Authority Certificate processes	Refined process to seek an Authority     Certificate for when launch vehicle debris     may land in the NT
Northern Territory Seafood Council	N/A - report helped inform initial NOI consultations	N/A:  Report helped inform initial NOI consultations	Awareness and support of ELA plans and launches

Stakeholder	Engagement / Frequency	Option/s for feedback	Key Improvements Made as Result
Gove Airport	<ol> <li>By direct invite by ELA to ASC for briefing on ELA operations - as required/requested during lead up to launch</li> <li>Invited to local awareness 'open day' at ASC as new Client launches become known - as required</li> </ol>	Yes: Direct to ELA if required Open day feedback	Supported helicopter recovery coordination
Gulkula Mine	<ol> <li>By direct invite by ELA to ASC for briefing on ELA operations - as required/requested during lead up to launch</li> <li>Invited to local awareness 'open day' at ASC as new Client launches become known - as required</li> <li>Emergency planning and support - as required</li> </ol>	Yes: Direct to ELA if required Open day feedback	Supported site access and     Lending of key machinery during Phase 1 construction
Rio Tinto Gove Operations	<ol> <li>By direct invite by ELA to ASC for briefing on ELA operations - as required/requested during lead up to launch</li> <li>Invited to local awareness 'open day' at ASC as new Client launches become known - as required</li> </ol>	Yes: Direct to ELA if required Open day feedback	Supported lending of key machinery during Phase 1 construction
Developing East Arnhem Land (DEAL)	<ol> <li>Lease consultations (facilitated by NLC with Gumatj, ELA support where required) - once off face to face and virtual</li> <li>ELA visits to Nhulunbuy - as required/requested by DEAL during lead up to launch</li> <li>Lead role and support at Community Launch Coordination Working Group (facilitated in partnership with ELA) - as required leading into new launch campaigns</li> <li>Invited to local awareness 'open day' at ASC as new Client launches become known - as required</li> </ol>	Yes:  • Through Launch coordination meetings • Direct to ELA if required • Open day feedback	Awareness and support of ELA plans and launches     Town readiness support for ELA and Launch Client accommodation, transport and hospitality needs
NT Worksafe	By direct invite by ELA to ASC for briefing on ELA operations and ELA's Work Health and Safety System - as required/requested during lead up to launch	Yes: Direct to ELA if required	Review and feedback on ELA's WHS documentation and procedures.
Air Services Australia	Collaboration on managing Temporary Restricted Airspace (TRA) for Australia's first commercial space launch	Yes: Direct to ELA if required	Review and feedback on ELA's airspace procedures
CASA	Collaboration on articulating safety case for air space approval for Australia's first commercial space launch	Yes: Direct to ELA if required	Review and feedback on ELA's airspace safety procedures

# ANNEX D ASC MASTER CONTACT LIST (REDACTED)

Name	Phone	Email
Airservices Australia	SM1 (07) 3866 3314 SS (07) 3866 3420 OM (07) 3866 322 <u>4</u>	brisbane.os1@airservicesaustralia.com brisbane.centre@airservicesaustralia.com
Australian Cyber Security Hotline (Australian Signals Directorate)	<u>1300</u> 292 371	
Australian Federal Police Hotline	(02) <u>5126</u> 0000	
Australian Government Office of the Australian Information Commissioner	1300 <u>363</u> 992	
Australian Government National Emergency Management Agency (National Situation Room) - formerly known as Crisis Coordination Centre	N/A	contact@nema.gov.au
Australian Government Security Vetting Agency (AGSVA)	1800 640 450	securityclearances@defence.gov.au
Australian Hydrographic Office	(02) <u>4223</u> 6500	datacentre@hydro.gov.au
Australian Maritime Safety Office	<u>1800 641</u> 792	
Australian Security Intelligence Organisation (ASIO)	1800 <u>123</u> 400	
Australian Space Agency - Office of Space Regulation		regulation@space.gov.au
CASA - Office of Airspace Regulation	N/A	oar@casa.gov.au sport@casa.gov.au
Defence	N/A	
East Arnhem Regional Council	(08) <u>8986</u> 8986	info@eastarnhem.nt.gov.au
Gove Airport (operations M-F 0700 - 1500)	(08) <u>8987</u> 1370	mac@ncl.net.au
Gulkula Mine		
Local Fire Service		nhulunbuy.firestation@pfes.nt.gov.au
National Security Hotline	1800 123 400	hotline@nationalsecurity.gov.au
NT Chief Health Officer	(08) 8922 7464	radiationprotection@nt.gov.au

Name	Phone	Email	
NT Darwin Weed Management Branch	(08) 8999 4567	N/A	
NT Department of Health	(08) 8922 7464	N/A	
NT Emergency Service	(08) 8922 3630	ntes@pfes.nt.gov.au territorydutyoffice.ntes@pfes.nt.gov.au	
NT Emergency Services (Flood, Storm, Cyclone)	132 500	N/A	
NT Emergency Services (Police, Fire, Ambulance)	000	N/A	
NT EPA (Urgent Pollution)	1800 064 567	ntepa@nt.gov.au	
NT EPA - General contact	(08) 8924 4218	ntepa@nt.gov.au	
NT Fire and Rescue Service	(08) 8999 3473 or 000	N/A	
NT Government	N/A	eastarnhem.cmc@nt.gov.au	
NT Heritage Council	N/A	heritagecouncil@nt.gov.au	
NT Police (non-emergency)	131 444	N/A	
NT St John Ambulance	(08) 8922 6200 or 000	am.nhulunbuy@stjohnnt.asn.au	
NT WorkSafe - Explosives	1800 193 111	ntworksafe@nt.gov.au	
NT WorkSafe - General contact	1800 019 115	ntworksafe@nt.gov.au	
Nhulunbuy Police Station	(08) 8987 1333 <b>or</b> 000		
Northern Territory Police Force (EMS coordination)	(08) 8985 8743		
Royal Flying Doctor Service	(08) 8998 9940	enquiries@flyingdoctor.net	
Security Construction and Equipment Committee	N/A	scec@scec.gov.au	
<ul> <li>Safety and Retrieval Committee Stakeholders including: <ul> <li>Gumatj Corporation</li> <li>Dhimurru Rangers</li> <li>Laynhapuy Homelands Aboriginal Corporation</li> <li>Southeast Arnhem Land IPA (Numbulwar / Ngukurr)</li> <li>Arafura Swamp Rangers</li> <li>Mimal</li> <li>NLC</li> <li>NTG CM&amp;C</li> </ul> </li> </ul>			