19th April 2024

The Chief Executive Officer
Norfolk Island Regional Council
P.O. Box 95
Norfolk Island 2899

Re: GNSS location analysis.

Dear Sir / Madam,

At the request of Norfolk Island Regional Council, JASKO completed a survey at several locations on the bank, at the intersection of RWY 11/29 and 04/22, where a proposed GNSS facility may be constructed. These locations were then analysed to ascertain what effect any construction may have on the Obstacle Limitation surfaces that apply to each runway.

To follow are the results of this analysis, and the calculated maximum height that any proposed construction can be at each site.

Discussions were also held regarding a line of trees that run parallel to New Farm Road. The height of the trees may restrict the site chosen. JASKO measured the height of this tree line, and an image of the trees is provided below.



Survey point locations.

Review RWY 04/22 (Code 2 Instrument Non-Precision Approach)

Point 1

The ground level in this location is 4.213m higher than and 139.600m from the runway centreline.

- At this location the maximum height of any building / aerial can be 14.707m above ground level.

Point 2

The ground level in this location is 3.802m higher than and 127.391m from the runway centreline.

- At this location the maximum height of any building / aerial can be 12.676m above ground level.

Point 3

The ground level in this location is 2.323m higher than and 95.093m from the runway centreline.

- At this location the maximum height of any building / aerial can be 7.695m above ground level.

Point 4

The ground level in this location is 3.096m higher than and 98.377 from the runway centreline.

- At this location the maximum height of any building / aerial can be 7.579m above ground level.

Review RWY 11/19 (Code 4 Instrument Non-Precision Approach)

Point 1

The ground level in this location is 3.190m higher than and 129.190m from the runway centreline.

- At this location the maximum height of any building / aerial can be 4.55m above ground level.

Point 2

The ground level in this location is 2.779m higher than and 157.152m from the runway centreline.

- At this location the maximum height of any building / aerial can be 8.957m above ground level.

Point 3

The ground level in this location is 1.805m higher than and 176.944m from the runway centreline.

- At this location the maximum height of any building / aerial can be 12.758m above ground level.

Point 4

The ground level in this location is 2.532m higher than and 121.205m from the runway centreline.

- At this location the maximum height of any building / aerial can be 4.068m above ground level.

The line of trees along the road edge of New Farm Road are approximately 6m high (see image below).



Tree line – New Farm Road.

Conclusion

Depending on the site location of the proposed GNSS there will be different restrictions on the final height above ground level. The transitional surfaces of the OLS effect each location slightly differently.

In summary, depending on where the site will be located, the following maximum height (above ground level) can be used for construction plans.

- Point 1 – 4.550m (based on the transitional surface of RWY 11/29)
- Point 2 – 8.957m (based on the transitional surface of RWY 11/29)
- Point 3 – 7.695m (based on the transitional surface of RWY 04/22)
- Point 4 – 4.068m (based on the transitional surface of RWY 11/29)

We hope that this information is useful and that it assists with any deliberations you may have on keeping your airport in a safe and compliant condition.

If you have any queries, please do not hesitate to contact us.

Yours sincerely

S 47F

JASKO Airport Services

From: s 47F
To: s 47F @nirc.gov.nf
Cc: s 47F @jasko.com.au"; info@airport.gov.nf
Subject: FW: SouthPAN/Norfolk Island - Request to proceed with tenure arrangement
Date: Friday, 1 March 2024 13:01:14
Attachments: image001.png
image002.jpg
image003.jpg
image004.jpg
image005.jpg
image006.png
image007.png
image008.png
image009.jpg
image010.png
image011.png
image012.png
image013.png
image014.png
image015.png

Hi s 47F ,
I have been working with s 47F on the below matter, and just received an out of office to say he had moved on and to contact your email.
Could you please let me know if you are the POC for this SouthPAN/Norfolk Island site moving forward?
Look forward to hearing from you.
Kind regards,
s 47F

s 47F
s 47F, s 47E(c)
Location Information
s 47F @linz.govt.nz | **DDI** s 47F

Wellington Office, Level 7, Radio New Zealand House, 155 The Terrace
PO Box 5501, Wellington 6145, New Zealand
www.linz.govt.nz | data.linz.govt.nz

From: s 47F
Sent: Friday, March 1, 2024 2:54 PM
To: s 47F
Cc: s 47F ; s 47F @ga.gov.au; s 47F @jasko.com.au'
Subject: RE: SouthPAN/Norfolk Island - Request to proceed with tenure arrangement
Hi s 47F
I hope this email finds you well.
I have meet with our contractor s 47G to discuss the below matter raised, with the OLS and change in site location.
Would you be available for a MS Teams meeting on Tuesday 5th March. It would be good to discuss the site and align with your Airport Technical Inspectors visit in March to have the site location confirmed.
Please let me know a suitable time for you and I will send through a MS Teams invite.
Kind regards,
s 47F

s 47F, s 47E(c)
Location Information
s 47F @linz.govt.nz | **DDI** s 47F

Wellington Office, Level 7, Radio New Zealand House, 155 The Terrace
PO Box 5501, Wellington 6145, New Zealand
www.linz.govt.nz | data.linz.govt.nz

From: s 47F
Sent: Friday, February 9, 2024 3:34 PM
To: s 47F @nirc.gov.nf>
Cc: s 47F @ga.gov.au>; s 47F @ga.gov.au>; s 47F @nirc.gov.nf>; s 47F @ga.gov.au; s 47F @jasko.com.au>
Subject: RE: SouthPAN/Norfolk Island - Request to proceed with tenure arrangement
Thanks for the info below s 47F
I am meeting with the team next week on Wednesday to discuss this and we will get back to you after that.
Just in the interim (and I will confirm if this is correct next week), the max height of the compound may be up to 3m.
As you mention, it sounds like a good approach to engage with s 47F when he's on the ground in March so its clear where we can go for the airports requirements and ensure we get the visibility required also.
I will be in touch next week, have a great weekend ahead.
Kind regards,
s 47F

s 47F, s 47E(c)
Location Information
s 47F @linz.govt.nz | **DDI** s 47F

Wellington Office, Level 7, Radio New Zealand House, 155 The Terrace
PO Box 5501, Wellington 6145, New Zealand
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From: s 47F @nirc.gov.nf>
Sent: Thursday, February 8, 2024 5:44 PM
To: s 47F @linz.govt.nz>
Cc: s 47F @ga.gov.au>; s 47F @ga.gov.au>; s 47F @nirc.gov.nf>; s 47F @ga.gov.au; 'andrew@jasko.com.au' <andrew@jasko.com.au>
Subject: RE: SouthPAN/Norfolk Island - Request to proceed with tenure arrangement
Hi s 47F below is an example of an OLS for a runway.

For exact locations of our OLS we can use our Technical Consultant s 47F , cc'd here).s 47F or one of his team could show us all exactly where the GNSS could be placed based on its heights. We have booked his services for March at this stage fpr our annual OLS survey.
s 47F see below email string, we are installing a GNSS on site near the old 'rubix cube', and will be erecting a 2.4m fence around the compound. I would like us to pinpoint exactly how close it can be placed so as not to impede the OLS.



From:s 47F @linz.govt.nz>
Sent: Thursday, February 8, 2024 7:51 AM
To:s 47F @nirc.gov.nf>
Cc:s 47F @ga.gov.au>;s 47F @ga.gov.au>s 47F @nirc.gov.nf>;s 47F @ga.gov.au
Subject: RE: SouthPAN/Norfolk Island - Request to proceed with tenure arrangement
Hi s 47F
Are you able to provide some further information regarding the OLS, so our team can investigate potential new positions for the site.
We will work with you on this once we have done some further investigation from our side.
Many thanks,
s 47F

s 47F, s 47E(c)
Location Information
s 47F @linz.govt.nz | **DDI**s 47F

Wellington Office, Level 7, Radio New Zealand House, 155 The Terrace
PO Box 5501, Wellington 6145, New Zealand
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From:s 47F
Sent: Wednesday, February 7, 2024 8:17 PM
To:s 47F @nirc.gov.nf>
Cc:s 47F @ga.gov.au>;s 47F @ga.gov.au>;s 47F @nirc.gov.nf>;s 47F @ga.gov.au
Subject: RE: SouthPAN/Norfolk Island - Request to proceed with tenure arrangement
Hi s 47F
Thanks for your feedback on the lease and your points below regarding the OLS.
I will work with the team on these matters and get back to you shortly.
Kind regards,
s 47F

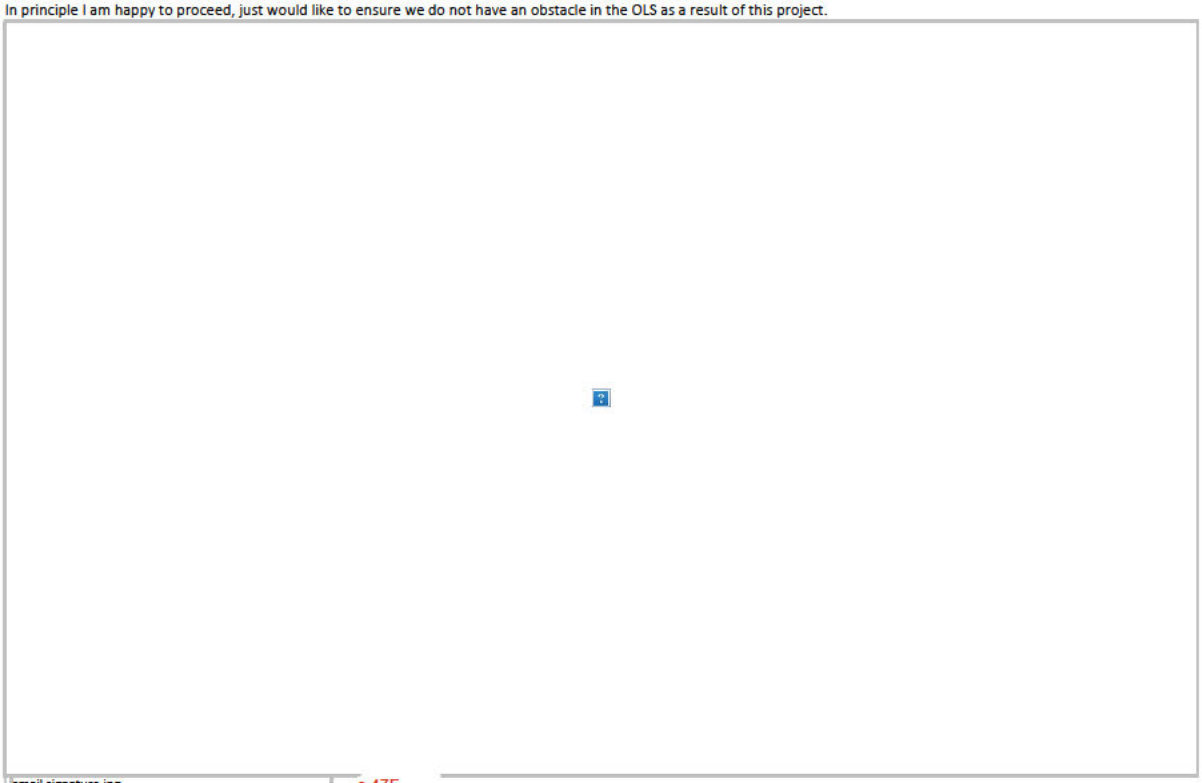
s 47F, s 47E(c)
Location Information
s 47F @linz.govt.nz | **DDI**s 47F

Wellington Office, Level 7, Radio New Zealand House, 155 The Terrace
PO Box 5501, Wellington 6145, New Zealand
www.linz.govt.nz | data.linz.govt.nz

From:s 47F @nirc.gov.nf>
Sent: Wednesday, February 7, 2024 10:45 AM
To:s 47F @linz.govt.nz>
Cc:s 47F @ga.gov.au>;s 47F @ga.gov.au>;s 47F @nirc.gov.nf>

Subject: RE: SouthPAN/Norfolk Island - Request to proceed with tenure arrangement
Hi s 47F apologies for the delayed reply.
The contract looks pretty standard and ok to proceed. I have made a couple of comments.
s 47C

We have our Airport Technical Inspector due in March who is also a surveyor. If you like we can have him mark out exactly how close we can have the GNSS based on height of the fences and aerials. Let me know.
In principle I am happy to proceed, just would like to ensure we do not have an obstacle in the OLS as a result of this project.



email signature.jpg

s 47F
s 47F, s 47E(c)

Norfolk Island Regional Council
PO Box 95, Norfolk Island 2899
Council Bicentennial Complex
39 Taylors Rd, Burnt Pine,
Norfolk Island 2899
E:s 47F
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From: s 47F @linz.govt.nz>
Sent: Tuesday, November 28, 2023 5:45 PM
To: s 47F @nirc.gov.nf>
Cc: s 47F @ga.gov.au>; s 47F @ga.gov.au>
Subject: SouthPAN/Norfolk Island - Request to proceed with tenure arrangement

Good afternoon s 47F
I hope this email finds you well.
I am pleased to confirm that the SouthPAN site suitability survey performed over 14.09.2023 to 19.09.2023 deemed the proposed Norfolk Island site suitable for the establishment of a SouthPAN ground station.
This email is therefore confirmation that Geoscience Australia (Commonwealth government) wish to proceed in formalising a tenure arrangement over the parcel (~797m2, approx 25m x 34m) derived from the survey (see location attached).
As I understand it the below terms were agreed and Ive also included the attached email of prior communications between yourself and Ben Collett regarding the lease terms for context:

- **Lease term** as the infrastructure to be installed is required to operate for approx. 19 years, the tenure length requested is 20 yrs.
- s47(1)(b)
- **Parcel size** ~797m2, approx 25m x 34m

Please find attached a generic Lease Agreement for your consideration. Please note, the draft Lease Agreement is intended as a starting point for further discussion only. Geoscience Australia is committed to working in good faith with all landowners, to ensure the terms and conditions of formal tenure agreements are acceptable to both parties. While our preference is to use the Geoscience Australia precedent lease, we do appreciate that you may have your own tenure documentation, should this be the case please do not hesitate to forward them through to us for review.

Please note: s 47C

Can you please acknowledge receipt of this email and I would be happy to meet with you via MS Teams to discuss further.
We look forward to receiving your comments and any suggested ammendments to the draft Lease Agreement at your earliest convience.
Kind regards,

s 47F

s 47F, s 47E(c)
Location Information
s 47F @linz.govt.nz | **DDI**s 47F



Wellington Office, Level 7, Radio New Zealand House, 155 The Terrace
PO Box 5501, Wellington 6145, New Zealand
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From: s 47F
To: s 47F
Cc: s 47F
Subject: FW: SouthPAN/Norfolk Island Site
Date: Wednesday, 26 June 2024 12:22:22
Attachments: image001.png
image002.jpg
image003.jpg
image004.jpg
image005.jpg
image006.png
image007.jpg
image008.png
image010.png
image011.png
image012.png
image013.png
image014.png
image016.png
image009.png

UNCLASSIFIED

Hi s 47F
Just looping you into the below email as I see s 47F is away until 10 July.
Look forward to hearing from you.
Kind regards,
s 47F

s 47F, s 47E(c)
SouthPAN
s 47F @linz.govt.nz | **DDI** s 47F

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UNCLASSIFIED

From: s 47F
Sent: Wednesday, June 26, 2024 10:58 AM
To: s 47F @nirc.gov.nf>; s 47F @jasko.com.au>
Cc: s 47F @ga.gov.au; s 47F @ga.gov.au>
Subject: RE: SouthPAN/Norfolk Island Site

H s 47F
I hope all is well with you both!
Please see attached for your review and confirmation of the proposed SouthPAN GRS site location at Norfolk Airport:
1. kml file
2. Image from google earth and coordinates
   - The site is 20 meters across the base and 33 meters in length at longest side
   - Max height of site will be 3m

Thanks for your patience on awaiting this information. Once we have your confirmation that the above proposed SouthPAN site location is suitable with the airports OLS requirements, we will then commence the tenure arrangement with s 47F .
Look forward to hearing from you and any queries please don't hesitate to contact me/us.
Kind regards,
s 47F

s 47F, s 47E(c)
SouthPAN
s 47F @linz.govt.nz | **DDI** s 47F

Wellington Office, Level 7, Radio New Zealand House, 155 The Terrace
PO Box 5501, Wellington 6145, New Zealand
www.linz.govt.nz | data.linz.govt.nz

From: s 47F @nirc.gov.nf>
Sent: Tuesday, April 23, 2024 11:36 AM
To: s 47F @jasko.com.au>; s 47F @linz.govt.nz>; s 47F s 47F @global.lmco.com>; s 47F @global.lmco.com
Cc: s 47F @ga.gov.au; s 47F @ga.gov.au>
Subject: RE: SouthPAN/Norfolk Island Site

Hi all, Friday 3rd of May at 2.00pm suits me as well.
Kind Regards,
s 47F

email signature.jpg

s 47F
s 47F, s 47E(c)

Norfolk Island Regional Council
PO Box 95, Norfolk Island 2899
Council Bicentennial Complex
39 Taylors Rd, Burnt Pine,
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E: s 47F @nirc.gov.nf
T: s 47F
M: s 47F
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From: s 47F @jasko.com.au>
Sent: Tuesday, April 23, 2024 9:57 AM
To: s 47F @linz.govt.nz>; s 47F @global.lmco.com>; s 47F @global.lmco.com
Cc: s 47F @ga.gov.au; s 47F @ga.gov.au>; s 47F @nirc.gov.nf>
Subject: RE: SouthPAN/Norfolk Island Site
s 47F

I will be away on a couple days leave, but would be available around 2.00pm on the 3rd May for a chat on Teams s 22(1)(a)

Kind Regards

s 47F

Address: s 47F
Phone s 47F **Mobile :** s 47F **Email:** s 47F @jasko.com.au

From: s 47F @linz.govt.nz>
Sent: Tuesday, April 23, 2024 8:53 AM
To: s 47F @global.lmco.com>; s 47F @global.lmco.com
Cc: s 47F @ga.gov.au; s 47F @ga.gov.au>; s 47F @nirc.gov.nf>; s 47F @jasko.com.au>
Subject: FW: SouthPAN/Norfolk Island Site

Hi s 47F ,
Connecting us all into the same email thread for continuity.
Following on from our meeting to discuss the SouthPAN/Norfolk Is site on the 21/3/24, s 47F s 47F has provided the attached OLS information for the SouthPAN Norfolk Island site. Could you please assess this information to establish a proposed suitable location for SouthPAN in alignment with the airports OLS requirements. Please feel free to reach out to s 47F (on cc of this email) with any queries. I know you haven't yet meet s 47F he has joined as the s 47F , and I meet with him on Friday to provide some background context on the project and the SouthPAN site.
All, once s 47F have had a chance to assess the information, it would be good to get back together as a

group and agree on the location of the SouthPAN site to finalise the site and tenure with the airport.

I suggest we aim to meet via MS Teams on **Friday 3rd May,** to finalise a suitable location for the site with both parties. Could everyone please indicate if this date is suitable, and I will send through an invite.

Kind regards,

s 47F

s 47F, s 47E(c)
SouthPAN
s 47F @linz.govt.nz | **DDI** s 47F

Wellington Office, Level 7, Radio New Zealand House, 155 The Terrace
PO Box 5501, Wellington 6145, New Zealand
www.linz.govt.nz | data.linz.govt.nz

From: s 47F @jasko.com.au>
Sent: Friday, April 19, 2024 9:53 AM
To: s 47F @linz.govt.nz>
Subject: RE: SouthPAN/Norfolk Island Site

s 47F

Please see result of review of possible GNSS location at Norfolk Island.
Hope it helps with your deliberations.
Yell if you need to discuss anything.
Kind Regards

s 47F

Address: P O Box 154, Mt Ommaney QLD 4074
Phone s 47F **Mobile :** s 47F **Email:** s 47F @jasko.com.au

From: s 47F @linz.govt.nz>
Sent: Monday, April 8, 2024 1:45 PM
To: s 47F @nirc.gov.nf>
Cc: s 47F @ga.gov.au; s 47F @ga.gov.au>; s 47F @jasko.com.au>
Subject: RE: SouthPAN/Norfolk Island Site

Hi s 47F

I hope all is well.

I'm touching base to see how your team got on with the OLS survey and placement of the SouthPAN site.

Have you been able to define a location of the site in alignment with the airport requirements that you can provide us for review?

Ngā mihi,

s 47F

s 47F, s 47E(c)
SouthPAN
s 47F @linz.govt.nz | **DDI** s 47F

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From: s 47F
Sent: Thursday, March 21, 2024 10:31 AM
To: s 47F @ga.gov.au; s 47F @global.lmco.com>; s 47F @global.lmco.com; s 47F @jasko.com.au>; s 47F @nirc.gov.nf>
Subject: RE: SouthPAN/Norfolk Island Site

Hi All,

Thanks for your time to meet and discuss a suitable location for the SouthPAN site to avoid impinging on the OLS.

As discussed, the SouthPAN site details are as below:

- Max height of site will be 3m
- Parcel size ~797m2, approx. 25m x 34m

Look forward to working with you on this and any queries please don't hesitate to contact me/us.
Kind regards,
s 47F

s 47F, s 47E(c)
SouthPAN
s 47F @linz.govt.nz | **DDI** s 47F

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-----Original Appointment-----
From: s 47F
Sent: Wednesday, March 13, 2024 9:27 AM
To: s 47F @global.lmco.com; s 47F
Subject: SouthPAN/Norfolk Island Site
When: Thursday, 21 March 2024 10:00 am-10:30 am (UTC+12:00) Auckland, Wellington.
Where: Microsoft Teams Meeting
Hi All, meeting to discuss the SouthPAN site at Norfolk Island Airport and to confirm the final location of the site in relation to the OLS requirements.

Microsoft Teams Need help?

Join the meeting now

Meeting ID: 412 137 714 728

Passcode: EhmYCH

Dial-in by phone

For organizers: Meeting options | Reset dial-in PIN

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s22(1)(a)(ii)

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s22(1)(a)(ii)

The Southern Positioning Augmentation Network (SouthPAN) is a joint initiative of the Australian and New Zealand Governments that provides Satellite-Based Augmentation System (SBAS) services for Australia and New Zealand. Geoscience Australia as the Australian Government lead agency is working in collaboration with Toitū Te Whenua Land Information New Zealand on the development, deployment, and operation of SouthPAN, the first SBAS in the Southern Hemisphere.

Geoscience Australia's SouthPAN project needs to establish a network of long-term ground-based reference stations to support this new system. We are working with local landholders, Councils, and communities to find locations for our ground stations that meet our technical needs and suit the needs of local people. The project is a major space initiative for the federal government and will require access to sites for the length of project, initially 20 years.

What is the project for?

Precise positioning from SouthPAN will offer accuracy at as little as 10 centimetres: a significant improvement on previous accuracy of 5 to 10 metres. SouthPAN provides augmented and corrected satellite navigation signals directly from the satellite rather than through a mobile phone. This allows as little as 10-centimetre level accuracy to be available everywhere, overcoming gaps in mobile, internet and radio communications.

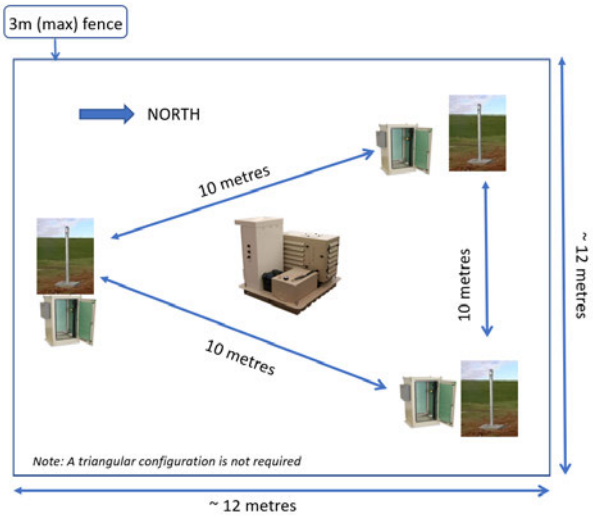
This will particularly benefit regional and remote communities as this accuracy will be available regardless of mobile phone or internet coverage.

What will the site look like?

The sizes of the ground stations will vary, depending on the outcome of the site suitability survey. They will need to cover at a minimum, an area approximately 144 metres square (12 m x 12 m). We need an area that is out in the open and not too close to power lines or mobile phone towers. Each site will have power and communications installed, and a security fence.

The fence is just to protect the equipment from damage as the Australian aviation community will use the system for navigation, and safety is our priority. The equipment is not classified.

The sites will consist of a generator with fuel tank, three antennas, and three shelter cabinets.



The site layout will be similar to this (not to scale).

Site features



The Generator with fuel tank will look like this.



The shelters and antennas will look like this.

Is this safe?

The equipment will observe the satellites as they pass overhead. This data will not impact the privacy of Australians, and the sites do not put out any hazardous electro-magnetic radiation.

When is this happening?

Site suitability surveys commenced in 2023 and are being finalised now in 2024. These surveys are to measure GNSS and radio frequency interference data and don't include any installation work. The purpose is to confirm the suitability of the site before it is formally selected.

Install and operate commencing in: ~early 2025 through to 2026.

Once sites are installed, each site is expected to remain in place for around 20 years. After the initial installation, the site will need quarterly access for routine servicing. This will typically be two people with a light vehicle, and access will be by arrangement with landholders.

Accessing the land

Geoscience Australia staff and contractors will contact landholders individually prior to each visit and discuss land access, biosecurity measures and minimising disruption to local activities. Any concerns about environmental impacts can also be discussed.

Getting precise positioning from the system

We expect the fully operational and certified system to be in place before the end of 2027. Anybody with a device that can receive signals from a Satellite-Based Augmentation System will be able to use it and benefit from 10 cm level accuracy.

The benefits

Precise positioning will benefit millions of Australians across a diverse range of industries including agriculture, construction, mining, engineering, and logistics. By enabling technological transformation, SouthPAN is paving the way for innovation and improving productivity, safety, and decision-making.

Contact us

If you have any questions or if you have a site that may be suitable, please get in touch.

Contact Us

Email
clientservices@ga.gov.au

Phone
1800 800 173 (Australia)

Website
www.ga.gov.au/southpan

Geoscience Australia acknowledges Traditional Custodians of Country throughout Australia and recognises the continuing connection to lands, waters, and communities. We pay our respects to Aboriginal and Torres Strait Islanders' cultures and to elders past, present, and emerging.

s22(1)(a)(ii)

s22(1)(a)(ii)

s22(1)(a)(ii)

s22(1)(a)(ii)

s22(1)(a)(ii)

s22(1)(a)(ii)

s22(1)(a)(ii)

s22(1)(a)(ii)

FOI 300795

LOT 9
PORTION 75e

LOT 7

CAPTAIN QUINTAL DRIVE

LOT 1
PORTION 183
SECTION 29

EARTH MONITORING STATION

SEE DIAGRAM A

GROUND REFERENCE STATION

NEW FARM ROAD

LOT 54

LOT 12
PORTION 88d2

LOT 13
PORTION 76d1

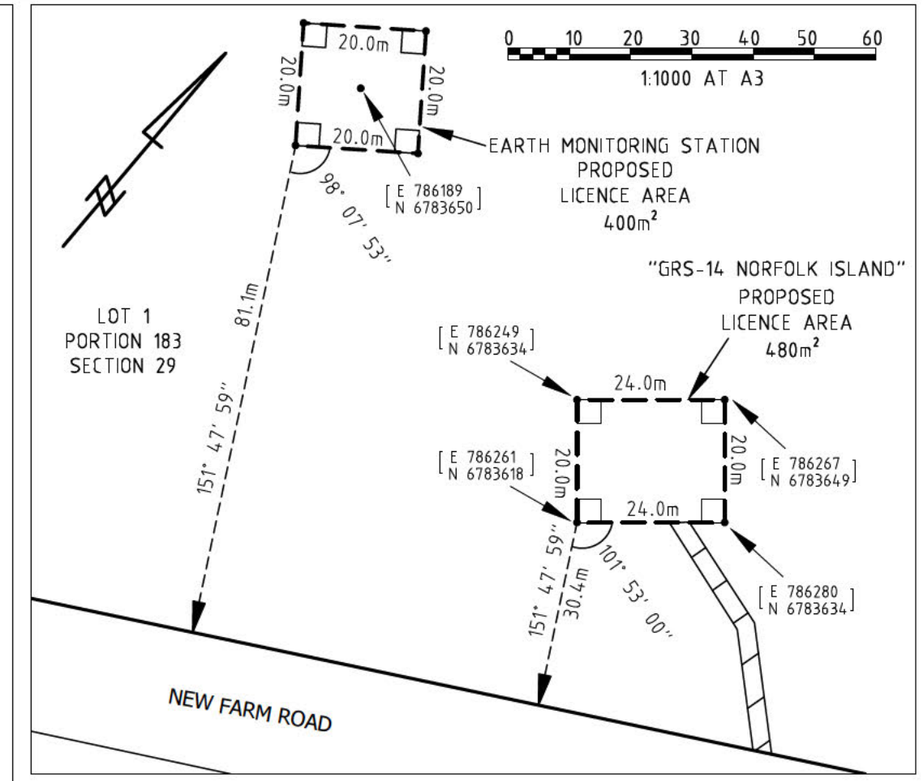


DIAGRAM A

LOT 45

LOT 46

LOT 121
PORTION 71n1

FERNY LANE

LEGEND:

Access Route over Lot 1 Section 29

Licence over site area

0 25 50 75 100 125 150
1:2500 AT A3

ISSUE	BY	DATE	REVISION	ZONE
1	EH	14/05/2026	ISSUED FOR INTERNAL REVIEW	
0	EH	12/05/2026	ISSUED FOR INTERNAL REVIEW	

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DIMENSIONS SHOWN ARE IN METRES.
COORDINATES SHOWN ARE Z58 GDA2020.
ALL COORDINATES AND DIMENSIONS SHOWN ARE APPROXIMATE ONLY.
SUBJECT PROPERTY:
Land Description: LOT 1 PORTION 183 SECTION 29
Local Government Authority: NORFOLK ISLAND REGIONAL COUNCIL

		DATE
DRAWN	EH	12/05/2026
CHECKED	MN	12/05/2026
DESIGNED		DATE
APPROVED	AP	DATE

SouthPAN
CNR JERRABOMBERRA AVE
& HINDMARSH DR
SYMONSTON ACT 2609
www.ga.gov.au
ABN 80 091 799 039

TITLE	REV	
NORFOLK ISLAND Licence over Lot 1 Portion 183 Section 29	1	A3

SCALE	DRAWING NUMBER	SHEET	CAD FILE No.
DO NOT SCALE	GRS14 LICENCE PLAN	1 of 1	GA_PA_Licence Plan_NORFOLK_20260512

Department of Industry, Science and Resources

From: s 47F
To: s 47F
Subject: Re: Deed of licence agreement with the Airport [SEC=OFFICIAL]
Date: Wednesday, 24 June 2026 12:47:50
Attachments: emailsignature_0d8fec71-6be7-4748-b7ec-5ca7b99f8807.jpg
012_sm_fb_83d4383d-7736-4418-bed1-b63efb0bf87e.png
012_sm_in_c5178fab-4e40-44da-9a94-48580888579c.png
012_sm_twitter_9bc73309-271b-4412-8b35-f8d593ad8fa2.png
012_sm_y2_2a34b667-e305-4f8f-b97c-e9a9152dcd15.png
012_sm_pinterest_1e476e78-b6f6-434d-a5d8-d3f9533ceb30.png
012_sm_insta_e016a74d-3c16-4a3b-8532-afcd8745d09c.png
s 22(1)(a)(ii) - 30.03.2026.pdf
s 22(1)(a)(ii) - 29.05.2026.pdf

Thanks s 47F — attached are our s 47B(d) to date (in confidence).

Given the proximity to end of financial year, s 47C , which may be further impacted by the need to settle the finer points in your latest version.

s 47C , I expect the contract could then be progressed fairly quickly.

Let's discuss next week if I have not secured any progress.

email signature.jpg

s 47F
s 47F, s 47E(c)

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From: s 47F
Sent: Wednesday, June 24, 2026 1:12 PM
To: s 47F
Subject: RE: Deed of licence agreement with the Airport [SEC=OFFICIAL]

Hi s 47F

Thanks so much for the update.

We appreciate you escalating this.

If there is any value in our Director meeting with the A-GM (either via MS teams, phone call or in person) please do not hesitate to let me know.

In relation to s 47C – GA is committed to progressing this matter as quickly as possible. s 47C if that would be helpful – please provide visibility of the required increase.

I will follow up with you again next week.

Thank you, kind regards

s 47F | s 47F, s 47E(c)

Space Division

t s 47F e s 47F @ga.gov.au www.ga.gov.au



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From: s 47F
Sent: Wednesday, 24 June 2026 11:52 AM
To: s 47F
Subject: Re: Deed of licence agreement with the Airport [SEC=OFFICIAL]

Hi s 47F

I have sought guidance from the Acting GM on the final version, as s 47C . Final sign-off will come from the A-GM, not myself.

It is also a very busy period here with end-of-financial-year commitments.

I will follow up again next week to see if there is a quicker path forward on our end. Please feel free to contact me towards the end of next week. I believe we are very close, but some in house engagement on my end is needed to finalise this.

NORFOLK ISLAND Regional Council

s 47F
s 47F, s 47E(c)

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From: s 47F @ga.gov.au>
Sent: Wednesday, 24 June 2026 12:32 PM
To: s 47F @nirc.gov.nf>
Subject: RE: Deed of licence agreement with the Airport [SEC=OFFICIAL]

Hi s 47F

I hope this email finds you well. Please could you provide an **urgent** update on the finalisation of the licence agreement.

We are becoming increasingly concerned with the timeframe to finalise the agreement, as this will (within the next few weeks) delay our construction schedule and s 47C .

This is now a very high priority for us – so please don't hesitate to let me know if there is anything GA can do to expedite/ escallate this process. We are very open to arranging a MS teams meeting, or even a face-to-face discussion to expedite this matter.

Appreciate your assistance in finalising the licence asap.

Thank you, kind regards

s 47F |s 47F, s 47E(c)

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From: s 47F y
Sent: Tuesday, 9 June 2026 10:31 AM
To: s 47F @nirc.gov.nf>
Subject: RE: Deed of licence agreement with the Airport [SEC=OFFICIAL]

Hi s 47F

I hope this email finds you well.

I would like to follow up on the correspondence below (14 May '26) - the next iteration of the Geoscience Australia Licence.

Please can you provide an update on when we can expect feedback / the next version of the Licence and confirmation that you are happy with the Licence Area Plan (*Schedule 2).*

We are keen to finalise the Licence as soon as possible. Please let me know if you would like me to arrange a MS teams meeting to discuss any of the suggested amendments – it may be quicker that way. s 47C as we suspect most of the remaining items are administrative.

Thank you for continuing to push this along. We look forward to receiving the next (and hopefully) last draft version of the licence agreement shortly. As always, please don't hesitate to reach out if there is anything you need from our end.

Thank you, kind regards

s 47F |s 47F, s 47E(c)

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From: s 47F
Sent: Thursday, 14 May 2026 4:30 PM
To: s 47F @nirc.gov.nf>
Subject: RE: Deed of licence agreement with the Airport [SEC=OFFICIAL]

Hi s 47F

I hope this email finds you well.

Apologies for the delay in progressing this on our end – too many competing priorities!

We have reviewed the licence agreement internally and in consultation with s 47C . Please find the next iteration of the marked-up document attached. There are still a number of items to work through – but I don't believe any of them will be contentious.

Please let me know if you would like me to arrange a MS teams meeting to discuss any of the suggested amendments – it may be quicker that way. We are also open to s 47C , as we suspect most of the remaining items are administrative.

We have inserted a licence area plan into the agreement at *Schedule 2* - and attached a separate copy for your reference. I believe it reflects the discussions to date, but please don't hesitate to let me know if there are any changes required.

s 47G, s 47C

– but please don't hesitate to let me know if there is anything Geoscience Australia needs to do in this space.

Thank you for continuing to push this along. We look forward to receiving the next (and hopefully) last draft version of the licence agreement shortly. As always, please don't hesitate to reach out if there is anything you need from our end.

Thank you, kind regards

s 47F |s 47F, s 47E(c)

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and obligations to Country. Reflecting on our shared history, we are committed to listen and learn.

From: s 47F @nirc.gov.nf>
Sent: Tuesday, 21 April 2026 12:09 PM
To: s 47F @ga.gov.au>
Subject: Re: Deed of licence agreement with the Airport [SEC=OFFICIAL]

Hi s 47F apologies for the delayed reply. Please find attached the latest revised agreement, including our legal support comments.

If your team could review and provide feedback, we may be close to finalising the draft. Once we are ready, I will send up to the Acting GM for sign off, he has been engaged int he latest review so sis up to speed.

Regarding site access, s 47C, s 47B(d)

Please see the mock-up below.

NORFOLK ISLAND Regional Council

s 47F
s 47F, s 47E(c)

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From: s 47F @ga.gov.au>
Sent: Wednesday, April 01, 2026 12:24 PM
To: s 47F @nirc.gov.nf>
Subject: RE: Deed of licence agreement with the Airport [SEC=OFFICIAL]

Hi s 47F

I hope this email finds you well. And I do apologise for hassling you on this again – s 47B(f)

Please could you provide an update / advice on the following:

1. Feedback/advice on the draft license plan, including both the Seismic (20m x 20m) and SouthPAN (24m x 20m) sites as well as the access route (to be inserted as Schedule 2 of the License). We are specifically seeking your

advice on the proposed access route (as per email below). This will allow us to finalise the license plan.

2. We are also keen to expedite the licence – so would appreciate an update on the latest review at your earliest convenience.

I look forward to your response. And please don't hesitate to reach out over the phone if a call is easier then bounding emails back and forth.

Thank you, kind regards

s 47F |s 47F, s 47E(c)

Space Division

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From: s 47F
Sent: Wednesday, 25 February 2026 10:32 AM
To: s 47F @nirc.gov.nf>
Subject: RE: Deed of licence agreement with the Airport [SEC=OFFICIAL]

Thanks s 47F

We look forward to receiving a further update and progressing/finalising the license shortly.

Thank you, kind regards

s 47F |s 47F, s 47E(c)

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From: s 47F @nirc.gov.nf>
Sent: Wednesday, 25 February 2026 7:58 AM
To: s 47F @ga.gov.au>

Subject: Re: Deed of licence agreement with the Airport [SEC=OFFICIAL]

Hi s 47F

Just a quick update — s 47B(d) and are currently awaiting their response following a meeting last week.

I understand the urgency on your side and am hopeful we'll have an update shortly. In the meantime, please feel free to check in as needed.

Kind regards,

NORFOLK ISLAND Regional Council

s 47F
s 47F, s 47E(c)

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From: s 47F @ga.gov.au>
Sent: Monday, 23 February 2026 12:05 PM
To: s 47F @nirc.gov.nf>
Subject: RE: Deed of licence agreement with the Airport [SEC=OFFICIAL]

Hi s 47F

I hope this email finds you well. s 47C

.

Please could you provide an update / advice on the following:

1. Feedback/advice on the draft license plan, including both the Seismic (20m x 20m) and SouthPAN (24m x 20m) sites as well as the access route (to be inserted as Schedule 2 of the License). We are specifically seeking your advice on the proposed access route (as per email below). This will allow us to finalise the license plan.

2. We are also keen to expedite the licence – so would appreciate an update on the latest review at your earliest convenience. We understand there may still be delays due to s 47C . Please let us know if we can provide any support in this space.

I look forward to your response. And please don't hesitate to reach out over the phone if a call is easier then bounding emails back and forth.

Thank you, kind regards

s 47F | s 47F, s 47E(c)

s 47F, s 47E(c)

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From: s 47F
Sent: Friday, 6 February 2026 9:19 AM
To: s 47F @nirc.gov.nf>
Subject: RE: Deed of licence agreement with the Airport [SEC=OFFICIAL]

Hi s 47F

Thanks for the update. We look forward to progressing the licence ASAP.

In relation to access -

s 47C That being said there will be no actual change to access requirements for the existing bunker - eg escorted access via airside.

We will however need regular access via a more established track/route for the SouthPAN site. We will need access over a 4–5-week period for construction and then about 4 times per year for preventative maintenance.

We are keen to get the licence area plan finalised for inclusion in the licence agreement (schedule 2).

We can always remove the 'access route' (indicated via the red line in the attached layout plan) to the existing bunker – but our preference would be to keep it there for the SouthPAN site. Please let me know what is most amenable to Council and I will have an updated version sent through for your review and endorsement.

As always, please don't hesitate to give me a call if it's easier to discuss over the phone.

Thank you, kind regards

s 47F |s 47F, s 47E(c)

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From: s 47F @nirc.gov.nf>
Sent: Thursday, 5 February 2026 9:04 AM
To: s 47F @ga.gov.au>
Subject: Re: Deed of licence agreement with the Airport [SEC=OFFICIAL]

Hi s 47F

Thanks for your patience. Unfortunately, s 47F .
I'll follow up with our corporate team to see if we can engage an alternative vendor and will come back to you once I have an update.

Just a quick note as well regarding access arrangements: Did you anticipate that the access points would be formalised, or are you comfortable keeping the current arrangements? At present, we escort access via the airside, and there is no formal driveway to the bunker. s 47C, s 47B(d)

s 47B(d), s 47C

Kind regards,

NORFOLK ISLAND Regional Council

s 47F
s 47F, s 47E(c)

Norfolk Island Regional Council

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From: s 47F @ga.gov.au>
Sent: Wednesday, February 04, 2026 4:42 PM
To: s 47F @nirc.gov.nf>
Subject: RE: Deed of licence agreement with the Airport [SEC=OFFICIAL]

Hi s 47F

I hope this email finds you well.

Just a quick update to let you know that we have put a *formal request for quote* out for the removal of redundant infrastructure to s 47G , as per your recommendation.

We are also keen to expedite the licence – so appreciate an update on the latest review of both the licence agreement and draft licence area plan when you have a minute.

Thanks for your continued support in this space,

Kind regards

s 47F |s 47F, s 47E(c)

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From: s 47F
Sent: Friday, 23 January 2026 8:56 AM
To: s 47F @nirc.gov.nf>
Subject: RE: Deed of licence agreement with the Airport [SEC=OFFICIAL]

Thanks s 47F

We are progressing this procurement as quickly as we can. I will let you know as soon as we engage a supplier.

We are also keen to expedite the licence – so appreciate an update on the latest review when you have a minute.

Please see attached first draft Geoscience Australia licence plan, including both the Seismic (20m x 20m) and SouthPAN (24m x 20m) sites as well as the access route. We are seeking your endorsement or feedback/corrects to the draft plan before we finalise it for inclusion in the licence agreement (schedule 2).

Thanks for your continued support in this space,

Kind regards

s 47F s 47F, s 47E(c)

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From: s 47F @nirc.gov.nf>
Sent: Wednesday, 21 January 2026 7:50 AM
To: s 47F @ga.gov.au>
Subject: Re: Deed of licence agreement with the Airport [SEC=OFFICIAL]

Hi s 47F

Quick note: the DA (DABA 24/2025) was approved this morning. Congratulations .

For context, we're the **airport operator**—not builders or electricians. That's why I engaged our **NIRC Electrical Team Leader** for technical details; s 47F To avoid delay, the local vendors I shared can progress and liaise directly with NIRC Electrical.

Per your questions:

1) Asbestos (Rubik's Cube/hut)
No **as-built** records exist. Asbestos is **unknown**—the vendors provided will be able to evaluate this.

2) Equipment in the hut
Yes, there is **some infrastructure** remaining; none required by the Airport.

3) Removal/return/disposal
Dispose via **Norfolk Island Waste Management Centre**. Local vendors can arrange.

4) Underground 3-phase supply
Exists. Any cables **not live** and **not reserved for future use** are to be **removed**; termination points to be **confirmed on site** by your electrical contractor with NIRC Electrical. (Some termination may already have been completed.)

5) Cables between hut, GPS antennas, mast
Same approach: **remove** any non-live / non-retained cables; termination to be confirmed on site.

6) Foundations/pedestals
Above-ground removal only is sufficient. **Footings can remain in situ.**

7) Known hazards/risks
– No as-built drawings—assume unrecorded services.
– NIRC Electrical advice: there is an **essential feeder** near the proposed power route toward **RWY 04/22**—must be **avoided**. Standard "dial-before-you-dig" (or equivalent) and service proving at contractor cost.
– Usual site hazards (uneven ground, buried conduits).

Site-specific requirements (include in scope):
– **Airport induction** (provided by us).
– **ASIC or VIC** for all personnel. VICs require a **Works Safety Officer (WSO)**—provided by us under **Fees & Charges**: https://www.nirc.gov.au/Corporate-finance/Fees-and-charges
– **Risk documentation**: SWMS or Take-5. If a WSO is engaged, they will actively monitor airside works and will cover certain airside controls.
– **Access coordination** through Airport Operations (we'll facilitate).

Essentially, because there are no 'as built' drawings, I am unable to confirm a lot of the questions, but a local vendor will be able to work it all out for you. Theay all know each other, and the local NIRC electrical team, so it will not be too difficult for them to chase it up.

Kind regards,

s 47F
s 47F, s 47E(c)

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From: s 47F @ga.gov.au>
Sent: Tuesday, January 20, 2026 5:15 PM
To: s 47F @nirc.gov.nf>
Subject: RE: Deed of licence agreement with the Airport [SEC=OFFICIAL]

Hi s 47F

Thanks for the update – we will progress this directly with the suppliers, as per your recommendation below. We really appreciate your offer to facilitate introductions and site access.

In order to get this moving ASAP please can you provide responses to the questions below – this will inform the development of our scope of works:

1. Is the Rubiks Cube / hut asbestos?
2. Is there any equipment within the hut that needs to be removed?
    1. If there is equipment within the Rubiks Cube / hut please provide details & advice on removal/return/disposal requirements
3. We understand there is an underground 3-phase electrical supply to the Rubiks Cube/hut.
    1. Please confirm if the underground electrical cable needs to be removed / where it should be terminated
4. We understand that there is underground electrical cables between the Rubiks Cube/hut, the 3 x GPS antenna and the mast.
    1. Please confirm if the electrical cables need to be removed / where they should be terminated
5. We understand that the 3 x GPS antenna and 1 x mast are bolted to small foundations/pedestals.
    1. Please confirm if all of the foundations/pedestals need to be removed OR if the removal can be limited to the infrastructure above ground only (ie the foundations/pedestals can remain in situ).
6. Please confirm if there are any known hazards/risk associated with this work
7. Please provide details of any site-specific requirements which should be included in the scope of works.

As always, happy to discuss over the phone if its easier. There is beginning to be some urgency around the licence and infrastructure remove from our end – so I really appreciate your assistance in pushing this along!

Thank you, kind regards

s 47F | s 47F, s 47E(c)

Space Division

t s 47F e s 47F @ga.gov.au www.ga.gov.au



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From: s 47F @nirc.gov.nf>
Sent: Tuesday, 20 January 2026 11:37 AM
To: s 47F @ga.gov.au>
Subject: Re: Deed of licence agreement with the Airport [SEC=OFFICIAL]

Hi s 47F

Just a quick update regarding the removal of the existing infrastructure at the proposed GNSS site. I've followed up with our in-house electrical team several times, but unfortunately I haven't been able to secure a clear status or timeframe for the remaining works.

To keep things moving, I can provide contact details for a few local vendors who can progress this on your behalf. All have previously completed work for us, so arranging access to the site from our end will be straightforward.

I'd recommend reaching out to the vendors below (one electrical and two building contractors) to see if they are able to scope and undertake the required removal works:

Vendors:
s 47G

Please let me know if you'd like us to facilitate introductions or coordinate access.

Kind regards,

NORFOLK ISLAND Regional Council

s 47F
s 47F, s 47E(c)

Norfolk Island Regional Council

PO Box 95, Norfolk Island 2899
Bicentennial Complex
39 Taylors Rd, Burnt Pine,
Norfolk Island 2899

E: s 47F @nirc.gov.nf
T: s 47F
M: s 47F
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From: s 47F @ga.gov.au>
Sent: Monday, 12 January 2026 12:43 PM
To: s 47F @nirc.gov.nf>
Subject: RE: Deed of licence agreement with the Airport [SEC=OFFICIAL]

Thanks s 47F

Happy New Year! I hope you had a fantastic break.

Thank you for providing the updates below and comments within the next version of the licence.

I have forwarded it to our legal team – but note that we will not take any action as we await your further feedback from management before confirming next steps.

In the meantime, we will work with our supplier to draft up site plans for schedule 2 and 4 (potential to include them all as one drawing/plan).

Thank you for the update on the removal of the old navigation beacons. We note that your trades have started disconnecting equipment and making the site safe. We eagerly await a further update.

Look forward to progressing this as a priority in 2026.

Thank you, kind regards

s 47F |s 47F, s 47E(c)

Space Division

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From: s 47F @nirc.gov.nf>
Sent: Saturday, 10 January 2026 2:46 PM
To: s 47F @ga.gov.au>
Subject: Re: Deed of licence agreement with the Airport [SEC=OFFICIAL]

Hi s 47F

Thank you for sending through the updated draft—I appreciate the effort to address the points raised in my previous email.

We'll review this version internally and s 47B(d)

For your awareness, I've endorsed the revised version on my end and added some comments. We can expand on these as things progress if needed, and I'll await further feedback from management before confirming next steps.

Regarding the removal of the old navigation beacons, our local trades have started disconnecting equipment and making the site safe. Unfortunately, I'm still waiting on formal feedback, but I'll provide an update as soon as possible.

Thanks again for your support—please let me know if you need anything further from our side in the meantime.

Kind regards,

NORFOLK ISLAND Regional Council

s 47F
s 47F, s 47E(c)

Norfolk Island Regional Council

PO Box 95, Norfolk Island 2899
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From: s 47F @ga.gov.au>
Sent: Monday, 1 December 2025 3:53 PM
To: s 47F @nirc.gov.nf>
Cc: s 47F @ga.gov.au>
Subject: RE: Deed of licence agreement with the Airport [SEC=OFFICIAL]

Hi s 47F

I hope this email finds you well.

Please find the next version of the draft licence attached for your review. We hope it adequately addresses all the items raised in your email of 18/11 – but if not please don't hesitate to suggest further amendments/updates.

We note your team is assessing the removal of the old navigation beacons and associated equipment. We look forward to receiving an update on this shortly once things have dried out.

As always, please don't hesitate to reach out if you need anything from our end.

Thank you, kind regards

s 47F | s 47F, s 47E(c)

Space Division

f s 47F e s 47F @ga.gov.au www.ga.gov.au



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From: s 47F
Sent: Tuesday, 18 November 2025 3:54 PM
To: s 47F @nirc.gov.nf>
Cc: s 47F @ga.gov.au>
Subject: RE: Deed of licence agreement with the Airport [SEC=OFFICIAL]

Hi s 47F

Thanks so much for continuing to progress this – despite a busy period!

We will review internally and work with legal to provide an updated document back to you shortly.

Thank you, kind regards

s 47F |s 47F, s 47E(c)

Space Division

t s 47F e s 47F @ga.gov.au www.ga.gov.au



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From: s 47F @nirc.gov.nf>
Sent: Tuesday, 18 November 2025 2:19 PM
To: s 47F @ga.gov.au>
Cc: s 47F @ga.gov.au>
Subject: Re: Deed of licence agreement with the Airport [SEC=OFFICIAL]

Hi s 47F

Thank you for sending through the draft license agreement and for your patience while we review it. Apologies for the delay in responding – it's been an exceptionally busy period here.

s 47B(d)

s 47B(d)

While I haven't prepared a tracked-change version yet, these points reflect a detailed assessment and should help guide the next stage of negotiations.

General Details (Page 1)

- s 47B(d)

Proposed Details:

- Name: Norfolk Island Regional Council (confirm if legacy wording is required).
- Business Address: Bicentennial Complex, 39 Taylors Road, Burnt Pine, Norfolk Island 2899.
- Site Address: 8 Douglas Drive, Norfolk Island 2899 (please confirm whether you require the site or business address).
- Email: customer.care@nirc.gov.nf and/or info@airport.gov.nf.
- Contact: To be confirmed at the next review stage.

---

s 47B(d)

-

Kind regards,

s 47F
s 47F, s 47E(c)

Norfolk Island Regional Council

PO Box 95, Norfolk Island 2899
Bicentennial Complex
39 Taylors Rd, Burnt Pine,
Norfolk Island 2899

		E: s 47F @nirc.gov.nf T: s 47F www.norfolkisland.gov.nf
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From: s 47F @ga.gov.au>
Sent: Monday, 3 November 2025 3:31 PM
To: s 47F @nirc.gov.nf>
Cc: s 47F @ga.gov.au>
Subject: RE: Deed of licence agreement with the Airport [SEC=OFFICIAL]

Hi s 47F

I hope this email finds you well.

Apologies for the delay on this – the document had to go through a few more internal stakeholder and legal review processes then I anticipated!

Please find attached the draft license agreement covering both the existing Earth Monitoring Station and (proposed) SouthPAN site. s 47C

The license is issued as a first draft for your review, feedback and suggested amendments please. We are very happy to negotiate, amend and update all terms and conditions until they are suitable to both parties.

Note: we are working with a draftsman to create a license area plan, to document the exact extent of the Earth Monitoring Station and (proposed) SouthPAN site footprints – to be inserted as schedule 2.

Removal of redundant infrastructure near/at proposed SouthPAN site:

3 x aircraft navigation beacons/ GPS antennas and rubics cube/hut

We are keen to support the removal of the redundant equipment as soon as possible. We appreciate there have been previous discussion to this end.

Please could you let me know exactly how we can progress this. We are very happy to discuss a pragmatic solution that works for both parties – especially as it relates to cost implications and management, logistics, planning etc.

We look forward to receiving your feedback and suggested amendments to the license, as well as your advice on the removal of redundant infrastructure shortly. Please don't hesitate to give me a call if you wish to discuss anything over the phone.

Thank you, kind regards

s 47F |s 47F, s 47E(c)

Space Division

t s 47F e s 47F @ga.gov.au www.ga.gov.au



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From: s 47F
Sent: Tuesday, 9 September 2025 1:25 PM
To: s 47F @nirc.gov.nf>
Cc: s 47F @ga.gov.au>
Subject: RE: Deed of licence agreement with the Airport [SEC=OFFICIAL]

Thanks s 47F – this has now been tasked to our legal team. I expect to have the first draft to you for review and feedback within the next 2-3 weeks.

Kind regards

s 47F |s 47F, s 47E(c)

Space Division

t s 47F e s 47F @ga.gov.au www.ga.gov.au



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From: s 47F @nirc.gov.nf>
Sent: Tuesday, 9 September 2025 1:03 PM
To: s 47F @ga.gov.au>
Cc: s 47F @ga.gov.au>
Subject: Re: Deed of licence agreement with the Airport [SEC=OFFICIAL]

Hi s 47F please proceed. I have briefed my key stakeholders on our side and we are good to proceed.

NORFOLK ISLAND Regional Council

s 47F
s 47F, s 47E(c)

Norfolk Island Regional Council

PO Box 95, Norfolk Island 2899
Bicentennial Complex
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From: s 47F @ga.gov.au>
Sent: Monday, 8 September 2025 4:07 PM
To: s 47F @nirc.gov.nf>
Cc: s 47F @ga.gov.au>
Subject: RE: Deed of licence agreement with the Airport [SEC=OFFICIAL]

Hi s 47F

I tried to catch you on the phone but had no luck.

Thanks for the info below.

We appreciate your transparency and the additional context in relation to the SouthPAN site and the impact on the roadside grass harvesting program and future use of operational infrastructure and/or airport development. s 47C

. And as always very happy for a phone call if it's easier!

Thank you, kind regards

s 47F | s 47F, s 47E(c)

Space Division

t s 47F e s 47F @ga.gov.au ga.gov.au

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From: s 47F @nirc.gov.nf>
Sent: Monday, 8 September 2025 2:03 PM
To: s 47F @ga.gov.au>
Cc: s 47F @ga.gov.au>
Subject: Re: Deed of licence agreement with the Airport [SEC=OFFICIAL]

Hi s 47F

Thanks again for sending through s 47B(d), s 47C

Let me know if you'd prefer to discuss any of this by phone.

Kind regards,

NORFOLK ISLAND Regional Council

s 47F
s 47F, s 47E(c)

Norfolk Island Regional Council

PO Box 95, Norfolk Island 2899
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From: s 47F @ga.gov.au>
Sent: Wednesday, September 03, 2025 3:38 PM
To: s 47F @nirc.gov.nf>
Cc: s 47F @ga.gov.au>; s 47F @nirc.gov.nf>; s 47F @nirc.gov.nf>
Subject: RE: Deed of licence agreement with the Airport [SEC=OFFICIAL]

Hi s 47F

Thanks so much for your time on the phone today – great to put a name to a face. I look forward to working with you to finally get this moving.

Action from our discussion – 3/9/25:

s 47C

Look forward to your updates/confirmation on points 2-4 shortly. Please don't hesitate to reach out if a quick phone call is quicker and easier then bounding emails back and forth.

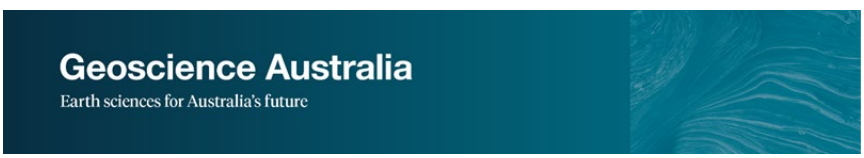
Thanks again, kind regards

s 47F |s 47F, s 47E(c)

Space Division

Phone: s 47F **Email:** s 47F @ga.gov.au

Web: ga.gov.au



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Geoscience Australia acknowledges the traditional owners and custodians of Country throughout Australia and acknowledges their continuing connection to land, waters and community. We pay our respects to the people, the cultures and the elders past and present.

From: s 47F
Sent: Thursday, 28 August 2025 11:07 AM
To: s 47F @nirc.gov.nf>
Cc: s 47F @ga.gov.au>; s 47F @nirc.gov.nf>; s 47F @nirc.gov.nf>
Subject: RE: Deed of licence agreement with the Airport [SEC=OFFICIAL]

Hi s 47F

I appreciate that my colleague, s 47F let you know that I would be reaching out.

By way of brief introduction, I am part of the SouthPAN team, Geoscience Australia. My role is to manage the establishment of secure, complaint, best practice land access arrangements for all of our Global Navigation Satellite System Reference Station (GRS) sites.

Thanks for the additional background on the proposed SouthPAN site at Norfolk – I have also been back though our files to familiarise myself with the work to date. We are very keen to reopen discussions and progress planning and a tenure arrangement for the site and I look forward to working with you to that end.

Are you available for a quick teams meeting in the first instance? I think it might be easier to put a name to a face and work through a couple of items directly, rather than bouncing emails back and forth. **Please let me know a time/day that works for you** – this is high priority for our project, so I will make myself available as it suits you.

Items for discussion:

s 47C

I look forward to meeting with you soon,

Thank you, kind regards

s 47F |s 47F, s 47E(c)

Space Division

Phone: s 47F **Email:** s 47F @ga.gov.au

Web: ga.gov.au



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From: s 47F @ga.gov.au>
Sent: Thursday, 21 August 2025 10:23 AM
To: s 47F @ga.gov.au>
Subject: FW: Deed of licence agreement with the Airport [SEC=OFFICIAL]

Hi s 47F

s 47F has confirmed that he's the right contact to discuss the deed of licence stuff for Norfolk and has attached some info.

Cheers

s 47F

From: s 47F @nirc.gov.nf>
Sent: Wednesday, 20 August 2025 13:36
To: s 47F @ga.gov.au>
Subject: Re: Deed of licence agreement with the Airport [SEC=OFFICIAL]

Hi s 47F

Yes, I'm the right contact for this. Just a quick note that all contracts now need to go through our Finance Manager for review prior to execution—I can facilitate that on this end.

I've attached everything I have on file from my previous time here (I was away for around 15 months). Hopefully, it helps fill any knowledge gaps for you and the team.

s 47B(d), s 47C

Let me know how you'd like to proceed. I'll need to review the attached information myself when time allows to refresh my memory.

Best regards,

NORFOLK ISLAND Regional Council

s 47F
s 47F, s 47E(c)

Norfolk Island Regional Council

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s 22(1)(a)(ii)

s 22(1)(a)(ii)

From: s 47F
To: s 47F
Subject: s 47B(d) [SEC=OFFICIAL]
Date: Tuesday, 9 June 2026 10:47:16
Attachments: image001.png
image002.png
image003.jpg
image004.png
image005.png
image006.png
image007.png
image008.png
image009.png

Hi s 47F

Sorry to bombard your inbox this morning. I'm responding to this email separately to keep the email chains cohesive.

s 47C

I'm

sure we can reach an arrangement that works well for both parties.

Thank you, kind regards

s 47F |s 47F, s 47E(c)

Space Division

ts 47F es 47F @ga.gov.au www.ga.gov.au

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From: s 47F
Sent: Friday, 5 June 2026 11:26 AM
To: s 47F
Subject: s 47B(d)

Hi s 47F I recall early in our conversations that s 47B(d), s 47C

Thanks in advance.

email signature.jpg

s 47F
s 47F, s 47E(c)

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Norfolk Island 2899
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From: s 47F
To: s 47F
Cc: s 47F ; info@airport.gov.nf
Subject: Re: SouthPAN site access notification – survey fieldwork at Norfolk Island Airport [SEC=OFFICIAL]
Date: Thursday, 19 March 2026 11:55:46
Attachments: image001.png
image002.png
emailsignature_0d8fec71-6be7-4748-b7ec-5ca7b99f8807.jpg
012_sm_fb_83d4383d-7736-4418-bed1-b63efb0bf87e.png
012_sm_in_c5178fab-4e40-44da-9a94-48580888579c.png
012_sm_twitter_9bc73309-271b-4412-8b35-f8d593ad8fa2.png
012_sm_y2_2a34b667-e305-4f8f-b97c-e9a9152dcd15.png
012_sm_pinterest_1e476e78-b6f6-434d-a5d8-d3f9533ceb30.png
012_sm_insta_e016a74d-3c16-4a3b-8532-afcd8745d09c.png

Thanks s 47F please ensue they contact info@airport.gov.nf to arrange site access and Works Safety supervision for all airside activities.

Our Works Safety charges are covered int he NIRC fees and Charges section of the website:

Fees and Charges | Norfolk Island Regional Council

email signature.jpg

s 47F
s 47F, s 47E(c)

Norfolk Island Regional Council
PO Box 95, Norfolk Island 2899
Bicentennial Complex
39 Taylors Rd, Burnt Pine,
Norfolk Island 2899
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From: s 47F
Sent: Thursday, March 19, 2026 11:23 AM
To: s 47F
Cc: s 47F
Subject: SouthPAN site access notification – survey fieldwork at Norfolk Island Airport [SEC=OFFICIAL]

Hi s 47F

SouthPAN site access notification – topographic survey fieldwork

Geoscience Australia has engaged s 47G , s 22(1)(a)(ii) business specialising in surveying, town planning, environmental management, engineering, and project management, to undertake a topographic survey of the planned SouthPAN site at Norfolk Island Airport.

The survey will involve approximately half a day of fieldwork at the SouthPAN site. A registered surveyor will collect measurements to obtain accurate three-dimensional coordinates (latitude, longitude, and height) for the four corner points of the SouthPAN ground reference site boundary. The survey is planned to be undertaken between **April and May 2026**.

Representatives from s 47G will contact the airport shortly to commence planning and to make the necessary arrangements regarding site access, timing, inductions, work health and safety requirements, and any other site-specific considerations.

If you have any concerns or require further information in relation to this work, please do not hesitate to contact me using the details below.

Thank you for your ongoing assistance and support.

Kind regards
s 47F |s 47F, s 47E(c)

Space Division
ts 47F es 47F @ga.gov.au www.ga.gov.au



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From: s 47F
To: s 47F
Cc: s 47F @jasko.com.au; s 47F
Subject: RE: SouthPAN/Norfolk Island - Request to proceed with tenure arrangement
Date: Monday, 4 March 2024 08:03:32
Attachments: image001.png
image002.jpg
image003.jpg
image004.jpg
image005.jpg
image006.png
image009.jpg
image010.png
image011.png
image012.png
image013.png
image014.png
image015.png
image016.png
image017.png

Hi s 47F
Thanks for getting in touch.
Your suggested approach to meet with yourself and s 47F when he is on site sounds good. I will bring some of our technical team to the meeting and potentially our contractor s 47G (who undertook the site survey).
If you could let me know an indicative date/time, I will put a placeholder in the diaries to align the attendees.
Kind reagards,
s 47F

s 47F
s 47F, s 47E(c)
Location Information
s 47F @linz.govt.nz | DDI + s 47F

Wellington Office, Level 7, Radio New Zealand House, 155 The Terrace
PO Box 5501, Wellington 6145, New Zealand
www.linz.govt.nz | data.linz.govt.nz

From: s 47F
Sent: Saturday, March 2, 2024 10:57 AM
To: s 47F
Cc: s 47F @jasko.com.au
Subject: FW: SouthPAN/Norfolk Island - Request to proceed with tenure arrangement
Hi s 47F
I'm s 47F the s 47F in s 47F place until NIRC carry out recruitment.
I will be in courses from the 4th of March to the 12th, then heavily engaged elsewhere after that. Could I touch base with you to reschedule a Teams meeting during our Technical Inspectors visit in the next couple of weeks?
Kind regards,

s 47F
s 47F, s 47E(c)
Norfolk Island Regional Council
PO Box 95, Norfolk Island 2899
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39 Taylors Rd, Burnt Pine,
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M: s 47F
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email signature.jpg

s 47F
s 47F, s 47E(c)
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From: s 47F @nirc.gov.nf>
Sent: Friday, March 1, 2024 1:59 PM
To: s 47F @nirc.gov.nf>
Subject: FW: SouthPAN/Norfolk Island - Request to proceed with tenure arrangement

From: s 47F @linz.govt.nz>
Sent: Friday, March 1, 2024 1:54 PM
To: s 47F @nirc.gov.nf>
Cc: s 47F @ga.gov.au>; s 47F @ga.gov.au>; s 47F @nirc.gov.nf>; s 47F @ga.gov.au; s 47F @jasko.com.au; s 47F @jasko.com.au>
Subject: RE: SouthPAN/Norfolk Island - Request to proceed with tenure arrangement

Hi s 47F
I hope this email finds you well.
I have meet with our contractor s 47G to discuss the below matter raised, with the OLS and change in site location.
Would you be available for a MS Teams meeting on Tuesday 5th March. It would be good to discuss the site and align with your Airport Technical Inspectors visit in March to have the site location confirmed.
Please let me know a suitable time for you and I will send through a MS Teams invite.
Kind regards,
s 47F

s 47F
s 47F, s 47E(c)
Location Information
s 47F @linz.govt.nz | DDI s 47F

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PO Box 5501, Wellington 6145, New Zealand
www.linz.govt.nz | data.linz.govt.nz

From: s 47F
Sent: Friday, February 9, 2024 3:34 PM
To: s 47F @nirc.gov.nf>
Cc: s 47F @ga.gov.au>; s 47F @ga.gov.au>; s 47F @nirc.gov.nf>; s 47F s 47F @jasko.com.au'; s 47F @jasko.com.au>
Subject: RE: SouthPAN/Norfolk Island - Request to proceed with tenure arrangement

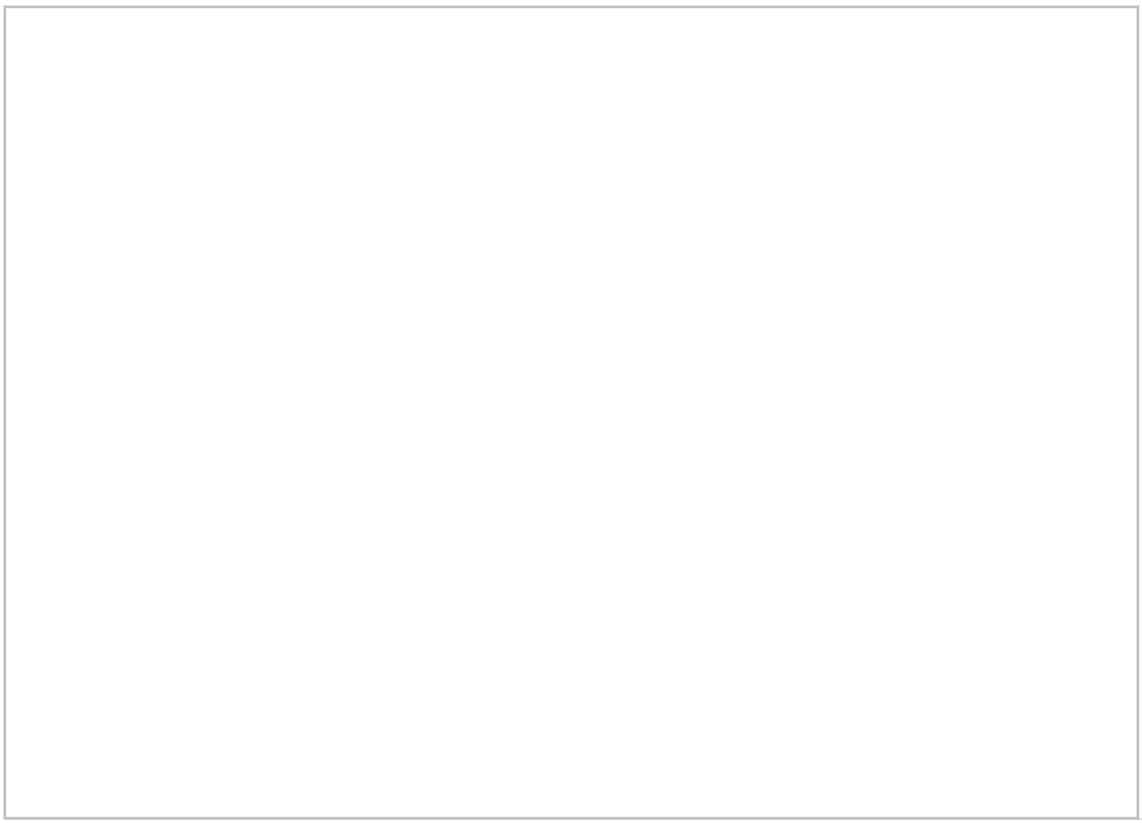
Thanks for the info below s 47F
I am meeting with the team next week on Wednesday to discuss this and we will get back to you after that.
Just in the interim (and I will confirm if this is correct next week), the max height of the compound may be up to 3m.
As you mention, it sounds like a good approach to engage with s 47F when he's on the ground in March so its clear where we can go for the airports requirements and ensure we get the visibility required also.
I will be in touch next week, have a great weekend ahead.
Kind regards,
s 47F

s 47F
s 47F, s 47E(c)
Location Information
s 47F @linz.govt.nz | DDI s 47F

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From: s 47F @nirc.gov.nf>
Sent: Thursday, February 8, 2024 5:44 PM
To: s 47F
Cc: s 47F @ga.gov.au>; s 47F @ga.gov.au>; s 47F @nirc.gov.nf>; s 47F s 47F @jasko.com.au'; s 47F @jasko.com.au>
Subject: RE: SouthPAN/Norfolk Island - Request to proceed with tenure arrangement

Hi s 47F below is an example of an OLS for a runway.
For exact locations of our OLS we can use our Technical Consultant s 47F , cc'd here). s 47F or one of his team could show us all exactly where the GNSS could be placed based on its heights. We have booked his services for March at this stage fpr our annual OLS survey.
s 47F see below email string, we are installing a GNSS on site near the old 'rubix cube', and will be erecting a 2.4m fence around the compound. I would like us to pinpoint exactly how close it can be placed so as not to impede the OLS.



From: s 47F @linz.govt.nz>
Sent: Thursday, February 8, 2024 7:51 AM
To: s 47F @nirc.gov.nf>
Cc: s 47F @ga.gov.au>; s 47F @ga.gov.au>; s 47F @nirc.gov.nf>; s 47F @ga.gov.au
Subject: RE: SouthPAN/Norfolk Island - Request to proceed with tenure arrangement

Hi s 47F

Are you able to provide some further information regarding the OLS, so our team can investigate potential new positions for the site.
We will work with you on this once we have done some further investigation from our side.
Many thanks,

s 47F

s 47F
s 47F, s 47E(c)
Location Information
s 47F @linz.govt.nz | **DDI** s 47F

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PO Box 5501, Wellington 6145, New Zealand
www.linz.govt.nz | data.linz.govt.nz

From: s 47F
Sent: Wednesday, February 7, 2024 8:17 PM
To: s 47F @nirc.gov.nf>
Cc: s 47F @ga.gov.au>; s 47F @ga.gov.au>; s 47F @nirc.gov.nf>; s 47F
Subject: RE: SouthPAN/Norfolk Island - Request to proceed with tenure arrangement

Hi s 47F

Thanks for your feedback on the lease and your points below regarding the OLS.
I will work with the team on these matters and get back to you shortly.
Kind regards,

s 47F

s 47F, s 47E(c)
Location Information
s 47F @linz.govt.nz | **DDI** s 47F

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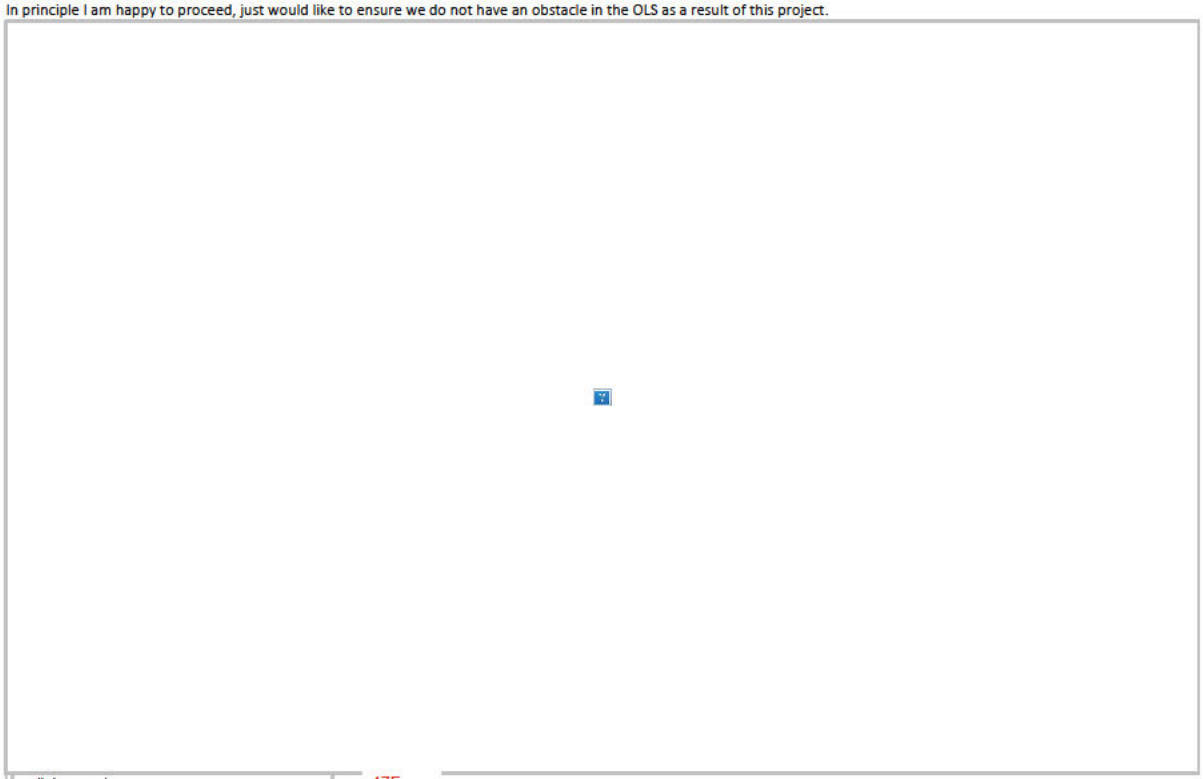
From: s 47F @nirc.gov.nf>
Sent: Wednesday, February 7, 2024 10:45 AM
To: s 47F
Cc: s 47F @ga.gov.au>; s 47F @ga.gov.au>; s 47F @nirc.gov.nf>
Subject: RE: SouthPAN/Norfolk Island - Request to proceed with tenure arrangement

Hi s 47F apologies for the delayed reply.
The contract looks pretty standard and ok to proceed. I have made a couple of comments.

s 47C

s 47C

We have our Airport Technical Inspector due in March who is also a surveyor. If you like we can have him mark out exactly how close we can have the GNSS based on height of the fences and aerials. Let me know.
In principle I am happy to proceed, just would like to ensure we do not have an obstacle in the OLS as a result of this project.



email signature.jpg



s 47F
s 47F, s 47E(c)

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From: s 47F
Sent: Tuesday, November 28, 2023 5:45 PM
To: s 47F @nirc.gov.nf>
Cc: s 47F @ga.gov.au>; s 47F @ga.gov.au>
Subject: SouthPAN/Norfolk Island - Request to proceed with tenure arrangement

Good afternoon s 47F
I hope this email finds you well.
I am pleased to confirm that the SouthPAN site suitability survey performed over 14.09.2023 to 19.09.2023 deemed the proposed Norfolk Island site suitable for the establishment of a SouthPAN ground station.
This email is therefore confirmation that Geoscience Australia (Commonwealth government) wish to proceed in formalising a tenure arrangement over the parcel (~797m2, approx 25m x 34m) derived from the survey (see location attached).
As I understand it the below terms were agreed and Ive also included the attached email of prior communications between yourself and s 47F regarding the lease terms for context:

- **Lease term** as the infrastructure to be installed is required to operate for approx. 19 years, the tenure length requested is 20 yrs.
- s47(1)(b)
- **Parcel size** ~797m2, approx 25m x 34m

Please find attached a generic Lease Agreement for your consideration. Please note, the draft Lease Agreement is intended as a starting point for further discussion only. Geoscience Australia is committed to working in good faith with all landowners, to ensure the terms and conditions of formal tenure agreements are acceptable to both parties. While our preference is to use the Geoscience Australia precedent lease, we do appreciate that you may have your own tenure documentation, should this be the case please do not hesitate to forward them through to us for review.

Please note: s 47C

Can you please acknowledge receipt of this email and I would be happy to meet with you via MS Teams to discuss further.
We look forward to receiving your comments and any suggested ammendments to the draft Lease Agreement at your earliest convience.
Kind regards,

s 47F
s 47F
s 47F, s 47E(c)
Location Information

s 47F @linz.govt.nz | DDIs 47F

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From: s 47F
To: s 47F
Cc: s 47F ;s 47F
Subject: RE: SouthPAN/Norfolk Island - Site communications
Date: Wednesday, 24 April 2024 07:20:50
Attachments: image001.png
image002.jpg
image003.jpg
image004.jpg
image005.jpg
image006.png
image007.jpg
image008.png
image009.png
image010.png
image011.png
image012.png
image013.png

Hi s 47F
It was great to meet with you on Friday last week, thanks for your time to discuss the SouthPAN site at Norfolk Island Airport.
As we discussed, I have got the SouthPAN engineers and s 47G to review the OLS information provided by airport in relation to finalising the exact location within the proposed area and have set up a meeting for all parties to reconvene and finalise the exact site location on Friday 3 May.
Any queries in the interim please let me know.
Kind regards,
s 47F

s 47F, s 47E(c)
SouthPAN
s 47F @linz.govt.nz | **DDI** +s 47F

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From: s 47F
Sent: Thursday, April 18, 2024 8:40 AM
To: s 47F
Cc: s 47F ;s 47F
Subject: RE: SouthPAN/Norfolk Island - Site communications
Thanks s 47F
That timing works well I am available from 9.30-10am your time. I will send through a meeting invite now.
For some background I have attached:

- SouthPAN GRS fact sheet which provides a high-level overview of the site we are working on locating at the Norfolk Is site
- link here for reference to the SouthPAN project overview https://www.ga.gov.au/scientific-topics/positioning-navigation/positioning-australia/about-the-program/southpan
- Recent email communications we have been working on with your airport team, regarding the progression of the tenure arrangement and site placement.

I will run through all of this with you tomorrow. Look forward to connecting with you and getting you across what we have been working on to date!
Kind regards,
s 47F

s 47F, s 47E(c)
SouthPAN
s 47F @linz.govt.nz | **DDI** s 47F

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PO Box 5501, Wellington 6145, New Zealand
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From: s 47F @nirc.gov.nf>
Sent: Thursday, April 18, 2024 8:09 AM
To: s 47F @linz.govt.nz>; s 47F @nirc.gov.nf>
Cc: s 47F @ga.gov.au>; s 47F @nirc.gov.nf>
Subject: RE: SouthPAN/Norfolk Island - Site communications

Hi s 47F thank you, I am happy to have a catch up on the project, as I feel I am a bit behind on its progress. Does tomorrow morning after between 08.30-1000 suit you?

Regards s 47F

s 47F
s 47F, s 47E(c)

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From: s 47F @linz.govt.nz>
Sent: Thursday, April 18, 2024 6:32 AM
To: s 47F @nirc.gov.nf>; s 47F @nirc.gov.nf>
Cc: s 47F @ga.gov.au>; s 47F @nirc.gov.nf>; s 47F @nirc.gov.nf>
Subject: RE: SouthPAN/Norfolk Island - Site communications

Some people who received this message don't often get email from s 47F @linz.govt.nz. Learn why this is important

Hi s 47F

Thank you for the POC information, we are keen to progress the tenure for the site so it will be good to pick this up with s 47F

@s 47F great to e-meet you. Ahead of connecting you with our comms contractor, it would be good to have a MS Teams call to brief you on the project and the SouthPAN site/tenure arrangement we had been working on with s 47F .

Would you have availability to meet this week? Please let me know a suitable time and I will send through an invite.

I look forward to working with you and progressing the tenure arragnement.

Kind regards,

s 47F

s 47F, s 47E(c)
SouthPAN
s 47F @linz.govt.nz | **DDI** +s 47F

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PO Box 5501, Wellington 6145, New Zealand
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From: s 47F @nirc.gov.nf>

Sent: Wednesday, April 17, 2024 11:18 AM
To: s 47F @linz.govt.nz>;s 47F @nirc.gov.nf>;s 47F @nirc.gov.nf>
Cc: s 47F @ga.gov.au>;s 47F @nirc.gov.nf>
Subject: RE: SouthPAN/Norfolk Island - Site communications

Hi s 47F

s 47F has stepped into s 47F role as s 47F is his direct supervisor.

Contact details:

s 47F is s 47F @nirc.gov.nf
s 47F is s 47F .
s 47F @nirc.gov.nf

Kind regards
s 47F

email signature.jpg

s 47F
s 47F, s 47E(c)

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From: s 47F @linz.govt.nz>
Sent: Monday, April 15, 2024 5:03 PM
To: s 47F @nirc.gov.nf>
Cc: s 47F @ga.gov.au>;s 47F @nirc.gov.nf>
Subject: SouthPAN/Norfolk Island - Site communications

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Hi s 47F

Whilst we are currently working through the site location and negotiation of the tenure arrangement for the SouthPAN GRS site at Norfolk Island, our contractors s 47G would like to touch base with you to discuss the proposed communications for the site. This will assist them with their scoping activities and site planning.

Please let me know if you are the right POC to discuss this with our contractors, s 47G , and s 47G , and I will send out an introductory email to everyone this week to initiate the conversation.

Look forward to hearing from you.

Kind regards,
s 47F

s 47F, s 47E(c)
SouthPAN
s 47F @linz.govt.nz | DDI +s 47F

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From: s 47F
To: s 47F
Cc: s 47F
Subject: RE: SouthPAN/Norfolk Island Site
Date: Monday, 8 April 2024 13:46:30
Attachments: image001.png
image002.jpg
image003.jpg
image004.jpg
image005.jpg
image006.png
image007.png

Hi s 47F
I hope all is well.
I'm touching base to see how your team got on with the OLS survey and placement of the SouthPAN site.
Have you been able to define a location of the site in alignment with the airport requirements that you can provide us for review?
Ngā mihi,
s 47F

s 47F, s 47E(c)
SouthPAN
s 47F @linz.govt.nz | **DDI** s 47F

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From: s 47F
Sent: Thursday, March 21, 2024 10:31 AM
To: s 47F @ga.gov.au; s 47F @global.lmco.com; s 47F
s 47F
Subject: RE: SouthPAN/Norfolk Island Site
Hi All,
Thanks for your time to meet and discuss a suitable location for the SouthPAN site to avoid impinging on the OLS.
As discussed, the SouthPAN site details are as below:

- Max height of site will be 3m
- Parcel size ~797m2, approx. 25m x 34m

Look forward to working with you on this and any queries please don't hesitate to contact me/us.
Kind regards,
s 47F

s 47F, s 47E(c)
SouthPAN
s 47F @linz.govt.nz | **DDI** s 47F

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PO Box 5501, Wellington 6145, New Zealand
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-----Original Appointment-----
From: s 47F
Sent: Wednesday, March 13, 2024 9:27 AM
To: s 47F ; s 47F s 47F @global.lmco.com; s 47F

Subject: SouthPAN/Norfolk Island Site
When: Thursday, 21 March 2024 10:00 am-10:30 am (UTC+12:00) Auckland, Wellington.
Where: Microsoft Teams Meeting
Hi All, meeting to discuss the SouthPAN site at Norfolk Island Airport and to confirm the final location of the site in relation to the OLS requirements.

Microsoft Teams Need help?

Join the meeting now

Meeting ID: 412 137 714 728

Passcode: EhmYCH

Dial-in by phone

For organizers: Meeting options | Reset dial-in PIN

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