

Marcus Bourget

From: s47F [redacted]@envirosuite.com>
Sent: Monday, 4 January 2021 5:45 PM
To: s47F [redacted]
Cc: s47F [redacted]
Subject: ASA/HBA - CMS358422, 359998 NMT375 Richmond with intermittent data issue (also location issue)

Follow Up Flag: Follow up
Flag Status: Completed

Hi s47F,

Hope you had a good break and all ready for 2021!

I would like to give you an update on the Richmond unit as it is experiencing intermittent data gaps issue (including some hours) since deployment on the 18 Dec 2020.

The unit (2250 plus microphone) was fully replaced on the 23 Dec but still seeing data gaps. It is currently not contactable so we have arranged contractor to re-visit tomorrow morning.

We will keep you posted with outcome. Robert will also contact you in regards to the location of this unit – it is not picking up 30-50% of RNP arrival RWY 12 operations as these turning operations are about 1.7KM away from the monitor, often they not generating enough noise above the day threshold of 55dB to create a valid event.

Below is a table of daily hourly count since deployment.

Date	Daily Hourly	Comments
18-Dec-20	18	*Hardware replaced including microphone on 23 Dec 2020. CMS356697
19-Dec-20	21	
20-Dec-20	23	
21-Dec-20	21	
22-Dec-20	23	
23-Dec-20	19	
24-Dec-20	11	*Replacement unit also unstable with data gaps (CMS35998) Waiting for Contractor to visit on 5 Jan 2021 morning
25-Dec-20	14	
26-Dec-20	0	
27-Dec-20	8	
28-Dec-20	24	
29-Dec-20	20	
30-Dec-20	0	
31-Dec-20	0	
01-Jan-21	0	
02-Jan-21	0	
03-Jan-21	0	

Kind Regards

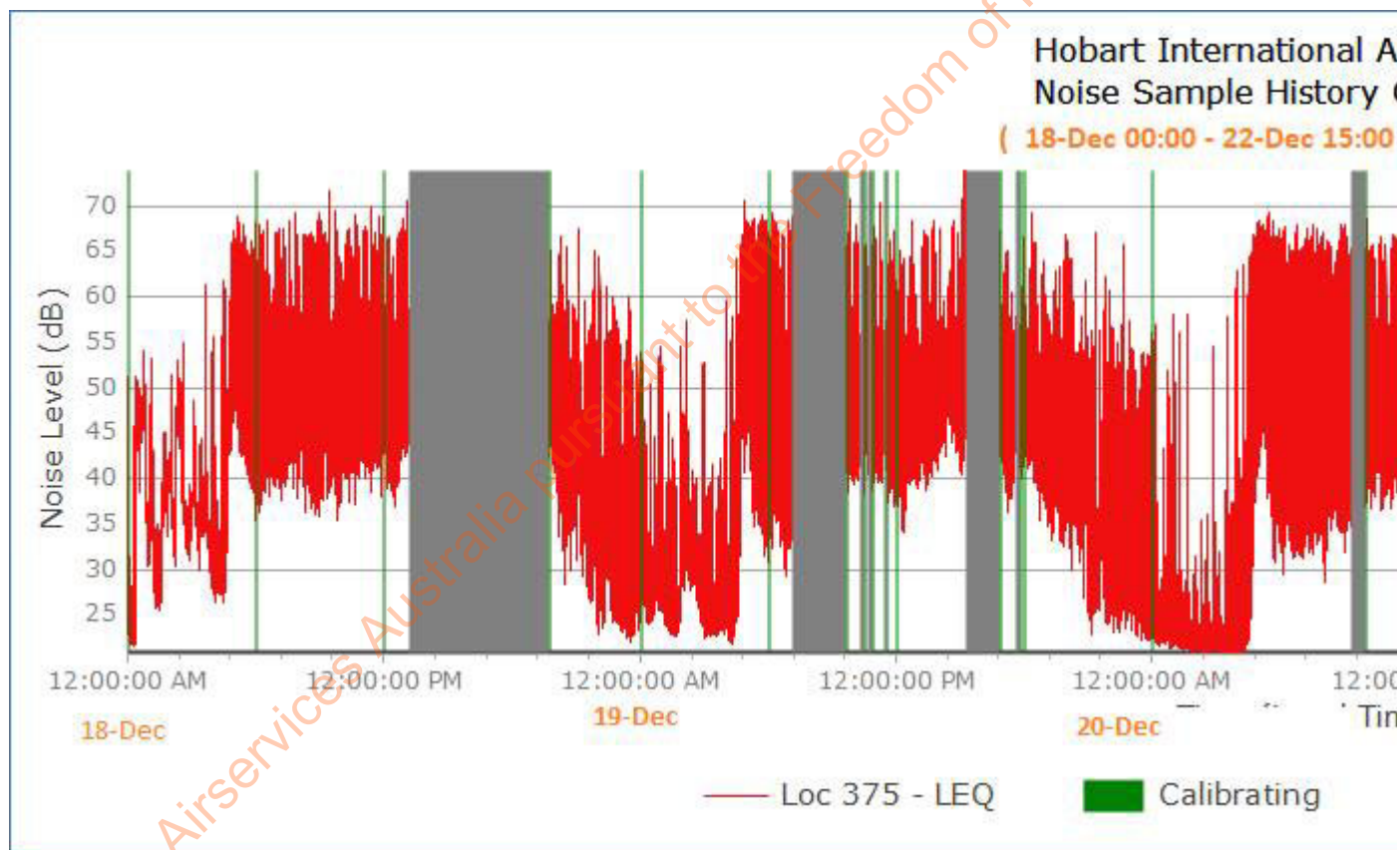
s47F

From: s47F
Sent: Tuesday, 22 December 2020 4:33 PM
To: s47F @envirosuite.com; s47F @envirosuite.com; s47F @envirosuite.com
s47F @envirosuite.com; s47F @envirosuite.com
Cc: s47F @envirosuite.com; s47F @envirosuite.com; s47F @envirosuite.com
s47F @envirosuite.com; s47F @envirosuite.com
Subject: ASA/HBA - CMS358422, NMT375 Richmond unit not stable

Hi s47F

Thank you for looking at NMT375 today. As per our discussion, while waiting for Denmark's response, please go ahead to organise for contractor to visit site to replace the unit at the earliest time. We can always cancel the visit if there is useful information from Denmark.

Following is an image showing all the one sec data gaps from this unit since deployment from 18 Dec. The grey areas are gaps where no events are recorded and hence won't match to aircraft. In many cases, WebTrak is still showing noise level for this grey gap period due to data to WebTrak is live stream of the noise level not events. This means there will be confusion for the end users (public), if they map report a noise complaint by looking at the WebTrak data but ANOMS won't have events correlated to the aircraft.



Thank you for your help.

s47F

From: s47F
Sent: Monday, 21 December 2020 4:53 PM
To: s47F @envirosuite.com; s47F @envirosuite.com; s47F @envirosuite.com
s47F @envirosuite.com; s47F @envirosuite.com
Cc: s47F @envirosuite.com; s47F @envirosuite.com; s47F @envirosuite.com

s47F

Subject: ASA/HBA - CMS358422, NMT375 Richmond unit not stable

FYI the ticket no is CMS358422. There are many short hourly records too, maybe unit keep restarting?

Ticket now with NMT team.

EMSOC – Reminder that HBA now has 3 monitors, daily check is to have ticket for any data issue.

Thanks

s47F

From: s47F

Sent: Monday, 21 December 2020 4:40 PM

To: s47F <[redacted]@envirosuite.com>; s47F <[redacted]@envirosuite.com>; s47F <[redacted]@envirosuite.com>

s47F <[redacted]@envirosuite.com>; s47F <[redacted]@envirosuite.com>

Cc: s47F <[redacted]@envirosuite.com>

Subject: ASA/HBA - NMT375 Richmond unit not stable

Hi s47F

NMT375 Richmond unit not stable. It is missing some hours every day. I will create a ticket very soon. Can you check and see if site visit is required?

Date	RMTID	Hourly Count
18-Dec-20	375	18
19-Dec-20	375	21
20-Dec-20	375	23
21-Dec-20	375	14

Thanks

s47F

From: s47F <[redacted]@envirosuite.com>

Sent: Monday, 21 December 2020 3:58 PM

To: s47F <[redacted]@envirosuite.com>; s47F <[redacted]@envirosuite.com>

Cc: s47F <[redacted]@envirosuite.com>

Subject: RE: Hobart NMT Deployment update & status

Hi s47F.

We need to submit by COB tomorrow – so preferably before then. Just for next time, if we can't get it done by planned date (Which was 18/12) then please provide heads up.

Thanks

s47F

From: s47F <[redacted]@envirosuite.com>

Sent: Monday, 21 December 2020 3:06 PM

To: s47F <[redacted]@envirosuite.com>; s47F <[redacted]@envirosuite.com>

Cc: s47F <[redacted]@envirosuite.com>

Subject: RE: Hobart NMT Deployment update & status

Hi s47F,
s47F will have them complete and submit by COB tomorrow.



Formerly EMS Brüel & Kjær

s47F

Manufacturing Manager

s47F

s47F

| W: www.envirosuite.com / www.emsbk.com

A: Level 12 432 St Kilda Road Melbourne VIC 3004 AU

From: s47F @envirosuite.com
Sent: Monday, 21 December 2020 2:58 PM
To: s47F @envirosuite.com; s47F @envirosuite.com
Cc: s47F @envirosuite.com
Subject: FW: Hobart NMT Deployment update & status
Importance: High

Hi s47F .

As per schedule below, have you completed and Site Suitability and Commissioning Checklists for the HBA x3 NMT and WS? (was supposed to be completed FRI)

Can you please share, as this information and documents need to be submitted to Airservices as part of our report that we send out tomorrow COB.

Thanks

From: s47F
Sent: Wednesday, 16 December 2020 6:35 PM
To: s47F @envirosuite.com; s47F @envirosuite.com; s47F @envirosuite.com; s47F @envirosuite.com; s47F @envirosuite.com; s47F @envirosuite.com; s47F @envirosuite.com
Cc: s47F @envirosuite.com; s47F @envirosuite.com; s47F @envirosuite.com
Subject: Hobart NMT Deployment update & status
Importance: High

Hi All.

s47F , well done with deploying the monitors.
s47F , thanks for working through the data streaming issues today.

The table below is updated with the progress of tasks for the HBA STM deployments (x3).

In summary all x3 NMTs have been deployed along with the x1 Weather Station – we are just awaiting data confirmation in ANOMS which is expected to be verified tomorrow morning.

Key milestones for the remaining tasks:

- s47F - Confirm Noise events and weather data streaming into ANOMS - **THU 17/12**

- Lawrence - enable the monitors on WT - **FRI 18/12**
- Noise Office - Complete final threshold setup and submit deployment reports **WED 23/12**

As I will be travelling tomorrow(PM) and Friday, please let me know if there are any issues with or while completing your allocated tasks, to ensure that the monitors are collecting data and on WT on **FRI 18/12**

Rgds

From: s47F

Sent: Friday, 11 December 2020 10:49 AM

To: s47F @envirosuite.com>; s47F @envirosuite.com>; s47F

s47F @envirosuite.com>; s47F @envirosuite.com>

Cc: s47F @envirosuite.com>; s47F @envirosuite.com>; s47F

s47F @envirosuite.com>; s47F @envirosuite.com>; s47F

s47F @envirosuite.com>

Subject: FW: Hobart Deployment Briefs [SEC=OFFICIAL]

Importance: High

Hi s47F

Please see the Planning schedule for Airservices STM deployment in HBA.

As we reviewed today I would suggest being onsite the latest **Tue 15/12** and we need to have these deployed and operational by **Fri 18/12**.

Before going ring and organise to meet the residents so you know they will be home.

s47F will sign off the contractor for this work, so we are all ready to go next week.

This deployment is very sensitive and important to Airservices, s22

If there are any escalation or prioritisation required please let me know, both myself and s47F are here to support you to ensure this gets done.

Rgds

Schedule Planning:

We are working towards having this installed and operational in ANOMS: **Start Date: FRI -18 Dec**

REF	WHAT	WHO	WHEN
1	Deployment Briefs received from ASA	ASA - s47F	Completed
2	ASA to provide possible deployment locations (options for 2 of 3 deployments provided)	ASA - s47F	Completed
3	Confirm sign off contractor for HBA (recomm) & prepare training material	s47F	Completed
4	Inform ASA of new contractor selected for HBA works	s47F	Completed
3	Prepare and test the x3 STM monitors in house <ul style="list-style-type: none"> - NATA certified - Test inhouse that NMTs are working and synch to FOCUS - Test x1 Weather Station is working 	s47F	Completed Not tested through to ANOMS in office

4	Send x3 STM and x1 WS to site (to contractor) – to be in HBA Monday	s47F	Completed
5	Review “offers” spreadsheet from Airservices & Organise to meet residents <ul style="list-style-type: none"> - Verify on map most suitable locations with reference to Flight path - Verify from maps ISO compliant options (No large trees or likely other noise sources) - Call residents to organise a meeting time trip next TUE 	s47F	Completed
6	Fly to site and: <ul style="list-style-type: none"> - Negotiate final locations in each zone (ensure ISO compliant + clear line of site to Aircraft) - Complete Site Suitability checklist - Organise agreement with owners (offering \$300 for 6 months + repair works once complete) - Install monitors – complete Commissioning checklist + photos - Setup the monitor in focus + ensure operational - Once complete notify Rob Drozdz and May Wu (Noise Office) 	s47F	Completed
7	Setup monitor in ANOMS + weather station <ul style="list-style-type: none"> - Ensure Lat/Longs are correct - Ensure noise data is streaming into ANOMS For weather stations: <ul style="list-style-type: none"> - Correlate weather with NMT data at Connolly’s Marsh - Tag NE that have windspeed > 10m/s - Ensure noise and weather data are linked in the system 	Noise Office/ OC – MW& KC TSG – John L	Completed
8	Make monitors live on WT	TSG – LM & Noise Office KC	Completed
9	Complete documentation and upload to FOCUS for Noise office team <ul style="list-style-type: none"> - Site Suitability checklist - Commissioning checklist + photos 	Keith Tan / Bo Feng	FRI 18/12
10	Threshold - review and set	Noise Office	By Tue 22/12
11	Deployment Report	Noise Office	Wed 23/12

The excel spreadsheet (attached) has the details of residence who have agreed to have the monitor installed at their location. The KMZ file maps (Attached) provide the address of each location “offer”)

- **Primrose Sands** - There are a number of residents in the following locations that we can approach – note I know the area, I can propose which areas would be best to avoid wind
- **Connollys Marsh** – the 1 resident in the zone has agreed to have the monitor installed at a building that has power (weather station required)
- **Richmond** – Belinda mentioned a resident outside the zone and that we need to try and organise within a resident within the zone, and default to this person as last resort

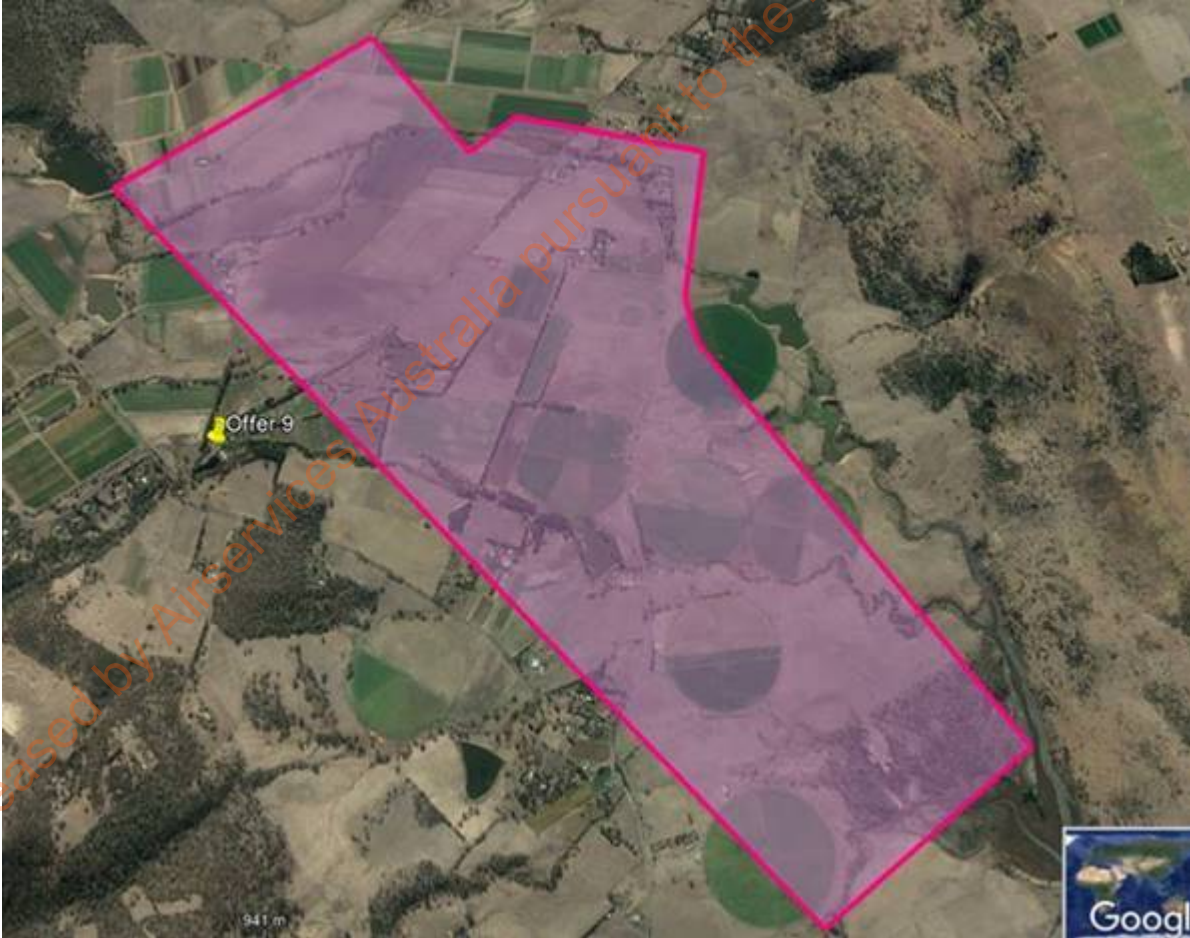
Connolly's Marsh (includes weather station)



Primrose Sands



Richmond



Released by Airservices Australia pursuant to the Freedom of Information Act 1982 (Cth)

From: s47F [redacted] <s47F@AirservicesAustralia.com>
Sent: Thursday, 10 December 2020 11:16 AM
To: s47F [redacted] <s47F@envirosuite.com>
Cc: s47F [redacted] <s47F@envirosuite.com>; Community Engagement Airservices <communityengagement@AirservicesAustralia.com>; s47F [redacted] <s47F@AirservicesAustralia.com>; s47F [redacted] <s47F@AirservicesAustralia.com>
Subject: [WARNING: UNSCANNABLE EXTRACTION FAILED]RE: Hobart Deployment Briefs [SEC=OFFICIAL]

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Hi s47F [redacted]

Looking forward to speaking with you in about an hour re Hobart. Offers to host the STMs in Hobart closed last night so I can now provide a list of offers which may be suitable. Attached is both a KML and spreadsheet, with contact details for those who have offered their property.

- Connellys Marsh – property under flightpath has made offer. Only suitable offer in area.
 - If problems identified with site and installation can't progress (not anticipated but just in case) – please just focus on the properties in Connellys Marsh nearest to the flightpath.
- Richmond zone – As mentioned earlier in the week, the offers received in this area aren't preferred. Please approach landowners in the zone initially.
 - One offer from the area has been provided in the attached but should only be used as a back-up option, if homes in the zone refuse or residents aren't at home to be approached.
- Primrose Sands zone – There are 22 offers that may be suitable in this area. There are clear area groupings, so I have provided all potentially suitable offers so they can be considered on the ground (and based on resident availability).

Speak with you soon.

Kind regards

s47F [redacted]

s47F [redacted]

Senior Environment and Noise Specialist
Airservices Australia
s47F [redacted] <s47F@airservicesaustralia.com>

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From: s47F [redacted]
Sent: Tuesday, 8 December 2020 2:08 PM
To: s47F [redacted] <s47F@envirosuite.com>
Cc: s47F [redacted] <s47F@envirosuite.com>; Community Engagement Airservices <communityengagement@AirservicesAustralia.com>; s47F [redacted] <s47F@AirservicesAustralia.com>
Subject: RE: Hobart Deployment Briefs [SEC=OFFICIAL]

Hi s47F [redacted]

Just an update on the progress of offers from the community, for sites in the Hobart area.

- For Connelys Marsh, the only property in the zone has offered their property to host the NMT which is good so I'll ask you to install at that location.
- For Primrose Sands area, there are a range of offers which look good across the zone so sourcing a site from those options will definitely be achievable.
- For the Richmond Zone, the offers so far are outside the preferred zone. Based on offers so far, landowners in the zone will need to be approached in the first instance. If your team haven't already looked at the options for this zone, if you can get them to have a look please.
 - I will provide the few offers that we have received which may be a back-up, if a site in the zone can't be sourced.

Nomination as a potential site is open until COB Thursday, so I'll provide a list of potentially suitable sites as soon as possible on Friday.

For site inspections and installations, is the plan for everything to be completed next Monday (14th) or will it be across a few days? Bridget is looking to provide an update to any landowners who's home we have identified as potential sites, so it would be good to understand the likely timing they can expect.

NB – All landowners have been advised that if EVS determine their property is an appropriate host, an agreement etc will be setup by your team with them.

Let me know if you have any questions at this stage.

Kind regards

Belinda

s47F

Senior Environment and Noise Specialist

Airservices Australia

e s47F@airservicesaustralia.com

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From: s47F <s47F@envirosuite.com>
Sent: Wednesday, 25 November 2020 8:55 AM
To: s47F <s47F@airservicesaustralia.com>
Cc: s47F <s47F@envirosuite.com>; s47F <s47F@airservicesaustralia.com>; s47F <s47F@airservicesaustralia.com>; Community Engagement Airservices <communityengagement@airservicesaustralia.com>
Subject: RE: Hobart Deployment Briefs [SEC=OFFICIAL]

Great s47F – thanks for the confirmation.

s47F

From: s47F <s47F@airservicesaustralia.com>
Sent: Wednesday, 25 November 2020 8:18 AM
To: s47F <s47F@envirosuite.com>
Cc: s47F <s47F@envirosuite.com>; s47F <s47F@airservicesaustralia.com>; s47F <s47F@airservicesaustralia.com>; Community Engagement Airservices

<communityengagement@AirservicesAustralia.com>

Subject: RE: Hobart Deployment Briefs [SEC=OFFICIAL]

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Hi [REDACTED]

Just to confirm, we will provide confirmation of any "host" sites for the noise monitors by COB on the 10th. I'll aim for us to provide a few updates between now and then however.

In terms of timing impacts, this will result in the modified timings we discussed earlier this week, of:

- Deployment start of the week of Monday 14th December
- Aiming for noise monitors to be on WebTrak, 18th December

Kind regards

[REDACTED]

[REDACTED]

Senior Environment and Noise Specialist
Airservices Australia
[REDACTED] [@airservicesaustralia.com](mailto:[REDACTED]@airservicesaustralia.com)

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From: [REDACTED] [@envirosuite.com](mailto:[REDACTED]@envirosuite.com)>
Sent: Monday, 23 November 2020 10:26 AM
To: [REDACTED] [AirservicesAustralia.com](mailto:[REDACTED]@airservicesaustralia.com)>
Cc: [REDACTED] [@envirosuite.com](mailto:[REDACTED]@envirosuite.com)>; [REDACTED] [AirservicesAustralia.com](mailto:[REDACTED]@airservicesaustralia.com)>; [REDACTED] [@AirservicesAustralia.com](mailto:[REDACTED]@airservicesaustralia.com)>
Subject: RE: Hobart Deployment Briefs [SEC=OFFICIAL]

No Problem [REDACTED].

So does this mean we should expect to know if Airservices have a location sorted by say **THU 10th Dec**

Rgds

From: [REDACTED] [@AirservicesAustralia.com](mailto:[REDACTED]@airservicesaustralia.com)>
Sent: Friday, 20 November 2020 5:23 PM
To: [REDACTED] [@envirosuite.com](mailto:[REDACTED]@envirosuite.com)>
Cc: [REDACTED] [@envirosuite.com](mailto:[REDACTED]@envirosuite.com)>; [REDACTED] [@AirservicesAustralia.com](mailto:[REDACTED]@airservicesaustralia.com)>; [REDACTED] [AirservicesAustralia.com](mailto:[REDACTED]@airservicesaustralia.com)>
Subject: RE: Hobart Deployment Briefs [SEC=OFFICIAL]

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Hi [REDACTED]

Apologies, there's some concerns about receiving community site offers by 7 December. Would it be possible to push back the noise monitor installations to the week of 14 December?

Kind regards

s47F

s47F

Senior Environment and Noise Specialist
Airservices Australia
e s47F @airservicesaustralia.com

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From: s47F @envirosuite.com>
Sent: Tuesday, 17 November 2020 5:44 PM
To: s47F @AirservicesAustralia.com>
Cc: s47F @envirosuite.com>; s47F @AirservicesAustralia.com>
Subject: RE: Hobart Deployment Briefs [SEC=OFFICIAL]

Great thanks s47F

I'll give you a call if I have any questions.

Rgds
R.

From: s47F @AirservicesAustralia.com>
Sent: Tuesday, 17 November 2020 4:26 PM
To: s47F @envirosuite.com>
Cc: s47F @envirosuite.com>; s47F @AirservicesAustralia.com>
Subject: [WARNING: UNSCANNABLE EXTRACTION FAILED]Hobart Deployment Briefs [SEC=OFFICIAL]

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon s47F

Thanks for your time earlier. As discussed, please find attached three deployment briefs for:

- Connelly's Marsh
- Primrose Sands
- Richmond

in Hobart. A KML including the three zones is attached.

Key points:

Objective:

- To support PIR of changes made in November 2019.

Timing:

- Airservices approaching community to request "hosts" for the noise monitors. Any suitable offers we receive will be provided to EVS on 4 December.

- EVS on-ground site identification and installation – week of 7 December
- Noise monitors to be online from 14 December

Notes around deployments:

- Primrose Sands – to avoid wind/wave impacts, its hoped a site away from the shore can be obtained.
- Connelly's Marsh is anticipated to be affected by wind. Basic weather station to capture wind (to identify affected events) required.
 - Only one collection of buildings in this zone. We are hoping landowners offers to host NMT, otherwise targeting as close to the zone as achievable.

Let me know if you have any initial questions. I'm sure we'll have a few chats about this over the next few weeks though.

Kind regards and thanks

Belinda

s47F

SENIOR ENVIRONMENT AND NOISE SPECIALIST

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