From: s47F
To:
Cc:
Subject: HBA - 3 STM deployment reports on FOCUS with updates
Date: Wednesday, 23 December 2020 6:40:30 PM
Attachments: image001.png

H s47F

All Hobarts deployment reports for the 3 portable units are on FOCUS for you to review.

Information:
-All NMTs' L90 readings are rather low so all day and night thresholds are all set between 50dB to 57dB.
-We have also slight adjusted correction max altitude, see the table included here for details and comments. We will further review data and discuss findings in the near year.

Name	LOCID	Purpose	Comment
Connollys Marsh *weather sensor	46	Capture Noise from Dep RWY 12	• Offten captured mixed aircraft and community noise (eg. Bird noise) • Increased altitude to 9000ft. Will need to further review this in New Year.
Primrose Sands	373	Capture Noise from Arr RWY 30 via the RNP	• Correlated noise are good aircraft noise (ie no mixed with community noise) • Not many aircrafts over this area.
Richmond	375	Capture RWY aligned Arr/Dep plus Arr 12 via the RNP	• Often captured mixed aircraft and community noise (eg. Bird noise, farm machinery?) • Note that correlation range increased to 3KM to improve correlation for RNP Arr 12 Ops. • RNP Arr 12 Ops about 1.7KM away from monitor, some not generating enough noise. Propose to review locations in new year.

Name	LOCID	Threshold	Max-Altitude	Max-Range
Connollys Marsh *weather sensor	46	21:00-04:59 (50dB) 05:00-20:59 (55dB)	2743m (9000 ft)	2500m
Primrose Sands	373	23:00-05:59 (50dB) 06:00-22:59 (57dB)	2500 (8200 ft)	2500m
Richmond	375	21:00-04:59 (50dB) 05:00-20:59 (55dB)	2500 (8200 ft)	3000m

Kind Regards
s47F

From: s47F
Sent: Thursday, 17 December 2020 1:51 PM
To: s47F @envirosuite.com>; s47F @envirosuite.com>; s47F envirosuite.com>; s47F @envirosuite.com>
Subject: RE: HBA - STM location and information (17 Dec 2020 amended)

H s47F ,

We done initial threshold review and adjusted all 3 units. Will review again next week and further adjust as required.
See blue comments for new thresholds from on onwards.

Site	Name	Address	ASA Offer Ref#
asa46	Connollys Marsh *weather sensor	s47F Dunalley	45 (Note ASA has Sub as Connollys Marsh, but this address is in Sub Dunalley)
asa52	Primrose Sands	s47F Primrose Sands	26
asa51	Richmond	s47F Richmond	9 s47F as listed by ASA.)

Site	Name	LOCID	Threshold	Firmware	Deployed	Cal-Ref	Lat	Long	Altitude	Noise Data in ANOMS
asa46	Connollys Marsh *weather sensor	46	23:00-05:59 (57dB) 06:00-22:59 (60dB)	4.7.5	Y (15 Dec)	88.8	147735032	-42894986	33	YES (with Weather)
asa52	Primrose Sands	373	23:00-05:59 (57dB) 06:00-22:59 (60dB)	4.7.5	Y (15 Dec)	88.7	147651052	-42882452	174	YES
asa51	Richmond	375	23:00-05:59 (57dB) 06:00-22:59 (62dB)	4.7.5	Y (16 Dec)	89.1	147397152	-42762936	141	YES

Thanks
s47F

From: s47F
Sent: Thursday, 17 December 2020 12:02 PM
To: s47F @envirosuite.com>; s47F @envirosuite.com>; s47F @envirosuite.com>; s47F @envirosuite.com>
Subject: HBA - STM location and information (17 Dec 2020 amended)

Hi s47F

Sorted out Connollys Marsh, the street address given by ASA end up in suburb Dunalley.
Adjusted table in the original email – see blue comment.

Regards
s47F

From: s47F
Sent: Thursday, 17 December 2020 11:32 AM
To: s47F @envirosuite.com>; s47F @envirosuite.com>; s47F @envirosuite.com>; s47F @envirosuite.com>
Subject: RE: HBA - STM location and information (17 Dec 2020)

s47 - Thank you for updating co-ordinates in FOCUS. I can see their location all look better in the map now.

s47F – Connollys Marsh – I can't find the address in the ASA offer list?

Rob, as per your request.

Site	Name	Address	ASA Offer Ref#

asa46	Connollys Marsh *weather sensor	s47F	Dunalley	45 (Note ASA has Sub as Connollys Marsh, but this address is in Sub Dunalley)
asa52	Primrose Sands	s47F	Primrose Sands	26
asa51	Richmond	s47F	Richmond	9 s47F	as listed by ASA.)

Site	Name	LOCID	Threshold	Firmware	Deployed	Cal-Ref	Lat	Long	Altitude	Noise Data in ANOMS
asa46	Connollys Marsh *weather sensor	46	60dB	4.7.5	Y (15 Dec)	88.8	147735032	-42894986	33	YES (with Weather)
asa52	Primrose Sands	373	60dB	4.7.5	Y (15 Dec)	88.7	147651052	-42882452	174	YES
asa51	Richmond	375	60dB	4.7.5	Y (16 Dec)	89.1	147397152	-42762936	141	YES

Regards
s47F

From: s47F @envirosuite.com>
Sent: Thursday, 17 December 2020 10:41 AM
To: s47F @envirosuite.com>; s47F @envirosuite.com>; s47F @envirosuite.com>; s47F @envirosuite.com>
Subject: RE: HBA - STM location images from Bo

Thanks s47F

Once you get the updated Primrose Lat/Long – can you send me an updated version of this summary.

Can you also include in the table the Address and **offer number** reference (as per s47F s spreadsheet and kmz) as part of this table. AS I want to send per off a summary at some point today.

Thanks
s4

From: s47F @envirosuite.com>
Sent: Thursday, 17 December 2020 10:31 AM
To: s47F @envirosuite.com>; s47F @envirosuite.com>; s47F envirosuite.com>; s47F @envirosuite.com>
Subject: HBA - STM location images from Bo

Hi s47F – Have you reconfirmed Primrose Sands co-ordinates? The supplied co-ordinates show street address of " s47F " instead of the intended address of " s47F "

Site	Name	LOCID	Threshold	Firmware	Deployed	Cal-Ref	Lat	Long	Altitude	Noise Data in ANOMS
asa46	Connollys Marsh (*weather sensor)	374	60dB	4.7.5	Y (15 Dec)		147735000	-42895000	33	YES including Weather Data
asa52	Primrose Sands	46	60dB	4.7.5	Y (15 Dec)	88.7	147651000	-42882000	174	YES
asa51	Richmond	375	60dB	4.7.5	Y (16 Dec)	89.1	147397200	-42762900	141	YES

Hi s47F

Here is some images s47F send to me at 9:50am. Are they what you wanted? Pictures hasn't got location name there.

Regards
s47F