

Nimesh Sangani

From: Andrea Radosevich <andrea@echodyne.com>
Sent: Friday, November 22, 2019 5:01 PM
To: Nimesh Sangani
Subject: FW: [External] Additional Information Request

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Nimesh,

I am responding to your emails about STA Application 2106-EX-ST-2019 (for the San Francisco Airport) and STA Application 2177-EX-ST-2019 (for East Jersey State Prison).

First, for the San Francisco Airport STA, our answers to the NTIA's questions are at the end of this email. Second, you suggested we answer these same questions for the second STA. However, the questions all are airport-related, and the second STA is not for an airport. It is for a counter UAS (detection only) demonstration for East Jersey State Prison. Also, please note that the EchoGuard radar may be used in the 24.45-24.65 GHz band for radiolocation (counter UAS) pursuant to FCC Order DA 19-556.

Please let me know if you need any other information.

Regards,

Andrea Radosevich

General Counsel

t: +1-206-399-9793

[Echodyne](#) | Kirkland, WA 98034

Question & Answers about San Francisco Airport STA:

1. Is the function of this radar at San Francisco Airport for counter-UAS/perimeter defense, or is it for ground Detect and Avoid (DAA)?

The purpose of the STA is for a short-term demonstration of a counter UAS (detection only) system.

Note that the EchoGuard radar may be used in the 24.45-24.65 GHz band for radiolocation pursuant to FCC Order DA 19-556.

2. What entity is operating and purchasing this equipment for the airport? Who is sponsoring the installation?

SFO has invited 2 integrators to demonstrate the capability of their counter UAS (detection only) systems at the airport. This is a short-term demonstration that will last 3-4 days. There will be no purchase of equipment and no installation of equipment.

3. What is the FAA/Air Traffic Control involvement? Is a data feed planned to FAA/Air Traffic personnel at the airport?

SFO is coordinating with the FAA. There will not be a data feed to FAA/Air Traffic at the airport.

4. What local coordination has been performed for this installation?

There is no installation, only a short-term demonstration. SFO is coordinating the short-term demonstration with the FAA and the FBI.

5. Has these radars gone thru the OE/AAA review?

There is no antenna structure or construction involved in this demonstration that would require OE/AAA review.

From: oetech@fccsun27w.fcc.gov <oetech@fccsun27w.fcc.gov>

Sent: Wednesday, November 20, 2019 12:17 PM

To: Andrea Radosevich <andrea@echodyne.com>

Subject: [External] Additional Information Request



[FCC Home](#) | [Search](#) | [RSS](#) | [Updates](#) | [E-Filing](#) | [Initiatives](#) | [Consumers](#) | [Find People](#)



Office of Engineering and Technology



Andrea Radosevich, Echodyne Corp.

To:

andrea@echodyne.com

From:

Nimesh Sangani

Nimesh.Sangani@fcc.gov

Applicant:

Echodyne Corp.

File Number:

2106-EX-ST-2019

Correspondence Reference Number:

51982

Date of Original Email:

11/20/2019

Please address the following questions/concerns.

1. Is the function of this radar at San Francisco Airport for counter-UAS/perimeter defense, or is it for ground Detect and Avoid (DAA)?
2. What entity is operating and purchasing this equipment for the airport? Who is sponsoring the installation?
3. What is the FAA/Air Traffic Control involvement? Is a data feed planned to FAA/Air Traffic personnel at the airport?
4. What local coordination has been performed for this installation?
5. Has these radars gone thru the OE/AAA review?

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of 11/20/2019 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

DO NOT Reply to this email by using the reply button. In order for your response to be processed expeditiously, you must upload your response via the Internet by visiting [The OET Experimental Licensing System](#), followed by clicking on the "Reply to Correspondence" hyperlink.

This message may contain confidential information which may also be legally privileged information. If you are not an intended recipient of the message, please delete it and notify the sender via reply email. Any unauthorized dissemination, distribution or copying of the material in this message, and any attachments to the message, is strictly forbidden. Echodyne © 2019 All Rights Reserved