

Schmid, Robert L.

From: Cheetham, Matthew S.
Sent: Thursday, June 16, 2022 2:42 PM
To: Schmid, Robert L.; Justen, Erik D.
Subject: FW: [EXT] AFTRCC ICN 1376-22/9445 JHU/APL STA Request-Laurel, MD

From: Wayne Morris <5600wayne@gmail.com>
Sent: Thursday, June 16, 2022 12:55 PM
To: Cheetham, Matthew S. <Matthew.Cheetham@jhuapl.edu>; 'Hankins, Danny' (dhankins@txtav.com) <dhankins@txtav.com>; Hoschar, Scott A CIV USN NAWCAD (USA) <scott.a.hoschar.civ@us.navy.mil>
Cc: Chriss Brown <dataentry@aftrcc.org>; Ryan Terry <treasurer@aftrcc.org>
Subject: [EXT] AFTRCC ICN 1376-22/9445 JHU/APL STA Request-Laurel, MD

APL external email warning: Verify sender 5600wayne@gmail.com before clicking links or attachments

Wayne Morris <5600wayne@gmail.com>
to Robert, MIDLANTAFC_PAXRIVER

AFTRCC defers to DoD MIDLANT AFC on the following STA request and will abide to their decision.

Applicant:
Johns Hopkins Univ/APL
11100 Johns Hopkins Road
Laurel, MD 20723
POC: Matthew Cheetham (240-228-5302)

Frequencies: 1466.5-1486.5 MHz / 1487.5-1507.5 MHz

Station Class: XT/FX

Emission: 0M10N0N

Power: 90 watts (ERP)

Location: Laurel, MD (39-10-03 N 76-53-46 W)

MIRAD: Fixed

Dates: 2022-06-16 thru 2022-12-17

AFTRCC comments: Two week experiment between Jun 16 and Dec 16, 2022.
Fixed site to airborne receiver at altitudes of 4500-11000 MSL.

MIDLANT please see pages 8-9 of attached document for reference.

Please reply via return email as to concurrence, non-concurrence, scheduling, and other comments.

Signed: Wayne Morris
AFTRCC Telemetry Coordinator

“AFTRCC:

MIDLANTAFC is not supportive of this proposed spectrum use. However, for the purposes of this 1-time spectrum usage by JHU/APL under contract to conduct measurements of RSSI voltage levels at Intermediate Frequency (IF), MIDLANTAFC does not object to the spectrum use under the following conditions (all conditions must appear on the formal FCC STA):

- 1) All proposed spectrum use is on a non-interference basis to the RDT&E aeronautical mobile telemetry (AMT) operations in this critical (i.e. safety-of-life) protected spectrum shared by Government and non-Government users. The spectrum support provided under the proposed FCC STA in no way implies any type of future developmental or operational RF spectrum support or MIDLANTAFC licensing approval for any spectrum use not in accordance with the US Table of Allocations, nor shall this limited 1-time support be used to pursue any future National or International allocation changes by JHU/APL or any entity contracting JHU/APL for this assessment. It is noted that the proposed spectrum use under this STA is not in accordance with the US Table of Allocations. By submitting its application to the FCC with these conditions noted, the applicant is understood to be agreeing with them on behalf of its customer.
- 2) The applicant has represented to MIDLANTAFC that the spectrum support provide under the STA is; 1) extremely limited in scope; 2) nothing about the experiment could be construed as supporting development of a non-telemetry based radio system ; and 3) the data collected is not intended nor is it capable of supporting recommendations on development of future radio systems.
- 3) All spectrum use under the proposed STA must be coordinated and approved for use by the MIDLANTAFC office. Please contact the MIDLANTAFC office a minimum 5-days prior to intended radiation to request such approvals:

Middle Atlantic Area Frequency Coordination Office (MIDLANTAFC)

Naval Air Warfare Center Aircraft Division (NAWCAD)

23013 Cedar Point Road, BLDG 2118

Patuxent River, MD 20670-1183

COLLECTIVE: midlantafc_paxriver@navy.mil

4) JHU/APL users must provide a CEASE BUZZER POC contact that has the authority to cease all emissions of RF spectrum use of 1476.5MHz +/- 10 MHz, 1497.5MHz +/- 10 MHz, and 1524.5 MHz when requested by the MIDLANTAFC office when harmful interference is experienced by authorized users. CEASE BUZZER POC information required:

CEASE BUZZER POC NAME:

CEASE BUZZER POC TEL# (LAND LINE):

CEASE BUZZER POC TEL# (CELL PHONE):"

V/r,

Scott A. Hoschar

DAiTA Group, Atlantic Ranges & Targets Department, Atlantic Test Range

Head, Middle Atlantic Area Frequency Coordination Office (MIDLANTAFC)

Naval Air Warfare Center Aircraft Division (NAWCAD)

23013 Cedar Point Road

BLDG 2118

**PLEASE NOTE ALL COMMENTS AND RETRICTIONS/CONDITIONS REQUIRED BY
DoD MIDLANT AFC. AFTRCC CONCURS WITH ALL ITEMS AS STATED BY MIDLANT.**

This email is your AFTRCC coordination.

This coordination includes this header information, DOD Area Frequency Coordinator comments and AFTRCC comments. These messages must not be separated.

This coordination is advisory only and not binding on the FCC. Applicants are advised that this coordination does not constitute a judgment that the frequency(ies) is best suited for the applicant's purpose nor that the frequency(ies) is exclusive to the applicant. Flight Test frequencies are shared and may require scheduling with other users.

In return for AFTRCC's processing of the applicant's coordination request, the applicant agrees to release and hold harmless AFTRCC, its officers, directors, agents, members, and representatives from any claims, losses or expenses that may arise from the use of the frequency.

This coordination is not an authorization to transmit. A copy of this coordination must accompany application to the FCC.

Signed:

Wayne Morris

AFTRCC Telemetry Coordinator

903-450-5942

Attachments area