

Subject: AFTRCC ICN 1462-15/5670 (Northrop Grumman  
Renewal/WG2XWS-Multiple, US)  
From: <wayne.morris@L-3com.com>  
Date: Wed, September 09, 2015 7:21 am  
To: <david@davidsiddall-law.com>

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  
903-457-6949

-----Original Message-----

From: Ryan, Mikel R CTR MIDLANTAFC ATR, 5.2.2.2.0 [<mailto:mikel.ryan.ctr@navy.mil>]  
Sent: Wednesday, September 09, 2015 5:27 AM  
To: Morris, Wayne L @ AS - MID  
Cc: Goddard, Robert N. CIV NAVAIR 5.1.1.3  
Subject: RE: AFTRCC ICN 1462-15/5670 (Northrop Grumman Renewal/WG2XWS-Multiple, US)

David,

Concur with request on the following conditions. As before, your high-powered testing in this telemetry band must be strictly approved/scheduled with the Regional Telemetry Scheduler: Mr. Joe White, 301-342-1542, [paxrtpssched@navy.mil](mailto:paxrtpssched@navy.mil) or [joseph.white@navy.mil](mailto:joseph.white@navy.mil) <<mailto:joseph.white@navy.mil>>. Be aware your testing will be permitted ONLY on a secondary basis to regional aeronautical mobile telemetry flight testing, most likely at night and on the weekends. While we will permit this short-term testing please be aware of a few ominous factors. We can accommodate you for now on a very limited basis but if this program progresses to something other than a single prototype or a one-time/high-level demonstration or quick proof-of-concept operation it will require formal Spectrum Certification (Form DD-1494 Process) and Nationally coordinated/approved frequency assignments, either temporary or permanent. In other words, don't get ambitious with this system (or start buying them en masse) until you determine it can be spectrally supported on an operational basis, both stateside and OCONUS. Lastly, this emitter radiates in a band not allocated for its service. Upper S-Band (2360-2395 MHz) is and has

been and will continue to be nationally allocated for aeronautical flight test telemetering. How much longer will you be conducting these tests???

Very Respectfully,  
Mr. Mikel R. Ryan  
Contractor Support, Mid-Atlantic Area Frequency Coordination Office  
Code 5.2.2.2, Unit 4, Bldg. 2118  
23013 Cedar Point Road  
NAVAIRWARCENACDIV Patuxent River MD 20670-1183 USA  
TELEPHONE NUMBER: 301-342-1532  
FAX NUMBER: 301-342-1200, DSN PREFIX: 342-  
EMAIL ADDRESS: [mikel.ryan.ctr@navy.mil](mailto:mikel.ryan.ctr@navy.mil)

-----Original Message-----

From: Morris, Wayne L @ AS - MID  
Sent: Monday, August 24, 2015 2:27 PM  
To: 'Ryan, Mikel R CTR MIDLANTAFC ATR, 5.2.2.2.0'  
Cc: 'Goddard, Robert N. CIV NAVAIR 5.1.1.3'  
Subject: AFTRCC ICN 1462-15/5670 (Northrop Grumman Renewal/WG2XWS-Multiple, US)

AFTRCC concurs with and requests DoD MIDLANT AFC concurrence/coordination on the following XT renewal:

Requester: Northrop Grumman Systems Corp.

POC: David Siddall ([david@davidsiddall-law.com](mailto:david@davidsiddall-law.com))

Frequencies: 2360-2390.0 MHz

Location 1: Bel Air, MD (39-32-53N 76-22-16W)

Station Class: MO

MIRAD: 17.2 miles (27.8KM)

Maximum Flt Altitude: 17,000AGL

Emission Designator(s): 20M0W7D/10M0W7D/5M00W7D

Power: 8 watts (ERP)

Dates: 2015-08-27 thru 2016-11-01

Location 2: Georgetown, DE (38-41-20N 75-21-30W)

Station Class 1: FX

Station Class 2: MO

MIRAD: (MO) 34.5 miles (55.6KM)

Maximum Flt Altitude: 17,000AGL

Emission(s): 5M00W7D/10M0W7D/20M0W7D

Power: 545 watts (ERP) FX / 8 watts (ERP) MO

Dates: 2015-08-27 thru 2016-11-01

Location 3: Middle River, MD (39-12-31N 76-40-52W)

Station Class: FX

Emission(s): 5M00W7D/10M0W7D/20M0W7D

Power: 545 watts (ERP)

Dates: 2015-08-27 thru 2016-11-01

Location 4: Linthicum, MD (39-12-31N 76-40-52W)

Station Class: FX

Emission(s): 5M00W7D/10M0W7D/20M0W7D

Power: 545 watts (ERP)

Dates: 2015-08-27 thru 2016-11-01

AFTRCC comments: non interference basis to other authorized users, subject to cancellation for same. AFTRCC will not favorably consider non experimental coordination due to excessive ERP. Subject to prior scheduling with NAS PAX River. See DOD MIDLANT AFC comments. AFTRCC coordination will be withdrawn if prior scheduling is not accomplished. AFTRCC Additionally will only coordinate this request for 1 year due to excessive EIRP.

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

Signed:  
Wayne Morris

AFTRCC Telemetry Coordinator  
903-457-6949