



# NATIONAL RADIO ASTRONOMY OBSERVATORY

POST OFFICE BOX 2  
GREEN BANK, WV 24944-0002  
NRQZ OFFICE TELEPHONE (304) 456-2107  
HTTP://WWW.GB.NRAO.EDU/

FAX (304) 456-2276  
NRQZ@NRAO.EDU

September 29, 2023  
Page 1 of 2  
NRQZ ID: 230816F

David M. West  
1398 Airport Road  
Bridgewater, VA 22812

Application Reason/Purpose	Prior coordination notification
File Number	230816F
Applicant Name	Leidos, Inc.
Call Sign	['W12XZF']
FCC File No	['0516-EX-CR-2023']
Site Name or Loc	['Bridgewater, VA']
Previous NRAO Coordination No.	
Current NRAO Coordination No.	

Dear Applicant:

The National Radio Quiet Zone (NRQZ) has reviewed these facilities and determined coordination is not required per FCC Rules and Regulations 47CFR1.924.

The NRQZ Office requests that:

1. The applicant modify their frequency proposal in SSXI to include the current NRQZ ID in the supplementary details line (e.g. "SUP: NRQZ COORD NOT REQ 2023 SEP 29/NRQZ ID 230816F").
2. The applicant should email the NSF Electromagnetic Spectrum Management Unit ([esm@nsf.gov](mailto:esm@nsf.gov)) when the supplemental details have been modified to include the NRQZ ID, as this will facilitate faster approval of the application.
3. The applicant includes the following special conditions on the license:
  - a **Operation is subject to coordination prior to activation and, as appropriate, possible scheduling with the NRQZ Program Administrator, [nrqz@nrao.edu](mailto:nrqz@nrao.edu), when used within 20 nautical miles of the National Radio Quiet Zone.**



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If I may be of assistance, please feel free to contact me.

Sincerest regards,

Sheldon Wasik  
NRQZ Program Administrator

cc: [nrqz@nrao.edu](mailto:nrqz@nrao.edu), [esm@nsf.gov](mailto:esm@nsf.gov), Sugar Grove Research Station Spectrum Management Group

This Letter remains valid provided the data contained within is consistent with the applicant's filing. Any discrepancy in system parameters, such as geographical coordinates (Latitude, Longitude, AMSL), antenna height above ground level (AGL), antenna gains or directivity (orientation), channel (operating frequency or frequency bands), emission type, and power requires re-coordination. If there are any questions regarding the validity of this or any concurrence, please direct inquiries to [nrqz@nrao.edu](mailto:nrqz@nrao.edu) or 304-456-2107.

NRQZ ID	Site Name	Lat N NAD83	Lon W NAD83	MSL (m)	Max TX Pwr (W)	# TX per Sector	# TX per Facility	Freq Low (MHz)	Freq High (MHz)	Bandwidth (MHz)	Max Gain (dBi)	Antenna Model	AGL (m)	Az ° True	Mechanical-DT	Electrical-DT	Max eRPd of facility (W)	NRAO ERPd Limit (W)
230816 F	Bridgewater, VA (200 km radius)	38 22 00.0	-78 57 37.0	363.0	20.0	1	1	14000	14393	10	2.15	0	N/a	N/a	0	0	20	N/a

\*The NRQZ Office recognizes this is a mobile station, thus coordination is not required. The NRQZ Office requests the applicant contacts [nrqz@nrao.edu](mailto:nrqz@nrao.edu) when operations are near the facilities in the NRQZ, as there is a great chance of interference from these operations.