



# NATIONAL RADIO ASTRONOMY OBSERVATORY

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October 6, 2017  
Page 1 of 1  
NRQZ ID: 11137\_04OCT2017

Electromagnetic Spectrum Management Unit  
National Science Foundation  
4201 Wilson Blvd Suite 1045  
Arlington VA 22230

|                                |                                                           |
|--------------------------------|-----------------------------------------------------------|
| Application Reason/Purpose     | Coordination of tabled assignments                        |
| File/Docket/Assignment #       | 0613-EX-CN-2017 // J1350651 NG-207196; J1350638 NG-207197 |
| Applicant Name                 | Leidos Inc. - Bridgewater, VA for US Army                 |
| Call Sign / File No.           | NEW /                                                     |
| Site Name or Loc               | L1 Bridgewater                                            |
| Nearest City/State             | Bridgewater, VA                                           |
| N Latitude                     | 38 22 00.00                                               |
| W Longitude                    | 78 57 37.00                                               |
| Ground Elevation (m)           | Not provided as operation is Mobile-only                  |
| Frequency (MHz)                | 29500 MHz and 13750 MHz respectively                      |
| Emission Designator            | 10M00G1W                                                  |
| Transmitter Power Out W        | 50 Watts and 150 Watts respectively                       |
| Previous NRAO Coordination No. | NRQZ ID None – New assignments                            |
| Current NRAO Coordination No.  | NRQZ ID 11137_04OCT2017                                   |

Dear NSF FAS Representative,

The National Radio Quiet Zone (NRQZ) has evaluated these facilities to determine the interference impact on our highly sensitive radio astronomy operations.

The National Radio Astronomy Observatory (NRAO), Green Bank, WV, has no objection to this application and recommends a vote of approve.

To complete regulatory requirements, the requesting agency shall add the NRQZ ID number to the supplemental details of the assignment.

The Sugar Grove Research Station, Sugar Grove, WV has no objections.

This letter constitutes coordination of assignment in the National Radio Quiet Zone as required by NTIA Manual Section 8.3.9.

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

Sincerest regards,

Paulette W. Woody  
NRQZ Office Administrator  
PWW:ppw

cc: Requesting agency representative, NSF FAS, NTIA

file: 11137.docx

This concurrence remains valid provided the data contained within is consistent with the applicant's frequency assignment. 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/ frequency bands), emission type, or power requires re-coordination. FAS representative(s) having questions regarding the validity of this concurrence, please direct inquiries to [nrqz@nrao.edu](mailto:nrqz@nrao.edu) or 304-456-2107.