

Exhibit 1

Leidos submits this renewal application for Station WI2XOX because the license is scheduled to expire on 10/31/2023.

Leidos previously filed a modification application under File No. 0281-EX-CM-2023, because Leidos understands that the Commission prefers that modification and renewal applications not be filed simultaneously.

However, because the modification application is still pending, Leidos must file this renewal application to keep the license in active status.

Leidos understands that pursuant to ELB practice the Commission will waive the renewal filing timeframe so that this renewal application can be processed and allow Leidos to continue operating under the license while the renewal application is pending, and Leidos requests treatment consistent with this approach.

Upon grant of the renewal and modification applications, the following changes to the license are requested:

1. Revision of Special Condition and License Expiration Date:

- **Deletion of the following phrase** from Special Condition 12 on the WI2XOX license – with no other changes to Special Condition 12:

~~“This authorization for 2200-2300 MHz band will expire on 31 October 2023”~~

- **Revision of Special Condition 12** as follows:

(12) All operations are on a non-interference basis to authorized federal users, and long term or multiple location use of the requested frequency bands may not be possible. Leidos Inc. should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee will be subject to immediate shut down. **~~This authorization for 2200-2300 MHz band will expire on 31 October 2023.~~** Applications for modification or extension of this authorization shall be submitted to the FCC for coordination with NTIA and federal agencies and Leidos Inc shall have no expectations that future requests will be approved.

- **Revision of the overall expiration date** of the WI2XOX license to January 1, 2025.

See attached “CORRESPONDENCE WITH NASA/NTIA AND FCC” – confirming that NASA agrees with the above actions

2. Revision to Special Condition 6:

- **Revision of Special Condition 6** is requested as follows:

(6) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government; contract number **§ W15P7T-19-D-0174 and W56KGY20F0067**. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.

3. Update to Stop Buzzers:

- Current Stop Buzzer information is as follows:

Primary: Robert Kane (717) 300-9038
Secondary: Christopher House (540) 442-0808

CORRESPONDENCE WITH NASA/NTIA AND FCC

From: Zaki, Bashaer E. (GSFC-4570) <bashaer.e.zaki@nasa.gov>
Sent: Tuesday, August 15, 2023 2:31 PM
To: Rummel, Jeffrey <jeffrey.rummel@afslaw.com>
Cc: Tseng, Richard S. (GSFC-4570) <richard.s.tseng@nasa.gov>; Berman, Ted (GSFC-457.0)[PERATON, INC] <theodore.e.berman@nasa.gov>; Sweeney, Dan C. <dan.sweeney@leidos.com>; Kane, Robert J. [US-US] <robert.j.kane@leidos.com>
Subject: RE: [EXTERNAL] FOLLOW-UP TIME SENSITIVE REQUEST FOR DISCUSSION - RE: For Richard, Bashaer and Ted: Time Sensitive For NASA - Request Call or Update re: Leidos - Experimental Station W12XOX - Follow-up re: Special Condition

I confirm.

Thanks.
Bashaer

From: Rummel, Jeffrey <jeffrey.rummel@afslaw.com>
Sent: Tuesday, August 15, 2023 1:58 PM
To: Zaki, Bashaer E. (GSFC-4570) <bashaer.e.zaki@nasa.gov>
Cc: Tseng, Richard S. (GSFC-4570) <richard.s.tseng@nasa.gov>; Berman, Ted (GSFC-457.0)[PERATON, INC] <theodore.e.berman@nasa.gov>; Sweeney, Dan C. <dan.sweeney@leidos.com>; Kane, Robert J. [US-US] <robert.j.kane@leidos.com>
Subject: RE: [EXTERNAL] FOLLOW-UP TIME SENSITIVE REQUEST FOR DISCUSSION - RE: For Richard, Bashaer and Ted: Time Sensitive For NASA - Request Call or Update re: Leidos - Experimental Station W12XOX - Follow-up re: Special Condition

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Bashaer:

Thank you very much for your reply and for your patience while I followed-up on this item.

To assist when I forward these communications to NTIA and FCC staff, I'd like to confirm the specifics of our discussions.

I believe the following 3 points accurately reflect what you confirmed – if you agree, it would be appreciated if you could confirm in a reply email so that it will be clear to NTIA and FCC.

1. NASA has no objection to deletion of the following phrase from Special Condition 12 on the W12XOX license – with no other changes to Special Condition 12:

“This authorization for 2200-2300 MHz band will expire on 31 October 2023”

(12) All operations are on a non-interference basis to authorized federal users, and long

term or multiple location use of the requested frequency bands may not be possible. Leidos Inc. should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee will be subject to immediate shut down. **This authorization for 2200-2300 MHz band will expire on 31 October 2023.** Applications for modification or extension of this authorization shall be submitted to the FCC for coordination with NTIA and federal agencies and Leidos Inc shall have no expectations that future requests will be approved.

2. NASA has no objection to the FCC revising the overall expiration date of the W12XOX license to January 1, 2025, in light of the above edit to Special Condition 12.
3. NASA may specify to Leidos more recommendations as guidance for the longer term operations for Leidos' awareness but will not request any additional operational restrictions to be added to the W12XOX license.

Thank you again

Jeff Rummel
Attorney for Leidos, Inc.



Jeffrey E. Rummel

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From: Zaki, Bashaer E. (GSFC-4570) <bashaer.e.zaki@nasa.gov>
Sent: Thursday, August 10, 2023 2:41 PM
To: Rummel, Jeffrey <jeffrey.rummel@afslaw.com>
Cc: Tseng, Richard S. (GSFC-4570) <richard.s.tseng@nasa.gov>; Berman, Ted (GSFC-457.0)[PERATON, INC] <theodore.e.berman@nasa.gov>
Subject: RE: [EXTERNAL] FOLLOW-UP TIME SENSITIVE REQUEST FOR DISCUSSION - RE: For Richard, Bashaer and Ted: Time Sensitive For NASA - Request Call or Update re: Leidos - Experimental Station WI2XOX - Follow-up re: Special Condition

Thanks Jeff for following up. I have confirmation from NASA HQ that NASA will agree to the extension providing condition #12 is otherwise intact. They may include more recommendations as guidance for the longer term operations for Leidos' awareness but will not add any operational restrictions beyond what is already there. Please let us know if you have any additional questions or comments. Thank you.

Bashaer

From: Rummel, Jeffrey
Sent: Monday, April 17, 2023 12:52 PM
To: richard.s.tseng@nasa.gov; bashaer.e.zaki@nasa.gov; Berman, Ted (GSFC-457.0)[PERATON, INC] <theodore.e.berman@nasa.gov>
Cc: david.m.west@leidos.com; Sweeney, Dan C. <dan.sweeney@leidos.com>
Subject: For the NASA Team - Leidos - Experimental Station WI2XOX - Follow-up re: Special Condition

To the NASA Team:

On behalf of Leidos, thank you very much for your time this morning to discuss Leidos' Experimental Station License under call sign WI2XOX (scan attached).

As we discussed – if you could please review the bullets below and provide any edits/corrections to ensure accuracy, that would be appreciated. Once the language is finalized, we intend to transmit an email with these bullets to include: (i) this NASA team; (ii) Greg Melz from NTIA; and (iii) the FCC processor for Leidos' Experimental application, Behnam Ghaffari.

Best regards,

Jeff Rummel
Attorney for Leidos, Inc.

- Leidos is the licensee of Experimental Station License under call sign WI2XOX (scan attached).
- Special Condition 12 on the WI2XOX license was added by the FCC during the last renewal (0716-EX-CR-2022) /modification (0201-EX-CM-2022) applications that were filed by Leidos.

- As set forth below, Special Condition 12 contains the phrase “This authorization for 2200-2300 MHz band will expire on 31 October 2023.”

(12) All operations are on a non-interference basis to authorized federal users, and long term or multiple location use of the requested frequency bands may not be possible. Leidos Inc. should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee will be subject to immediate shut down. This authorization for 2200-2300 MHz band will expire on 31 October 2023. Applications for modification or extension of this authorization shall be submitted to the FCC for coordination with NTIA and federal agencies and Leidos Inc shall have no expectations that future requests will be approved.

- Leidos was advised by NTIA's Greg Melz (see email below) that NASA requested the 10/31/2023 expiration for the 2200-2300 MHz range on the license. See email from Mr. Melz below.
- The FCC has advised Leidos that the expiration date for the entire license was changed to 10/31/2023 because of the duration restriction imposed by NASA for 2200-2300 MHz. The usual license term for an experimental license is 2 years, as such Leidos had expected that the license would be renewed through January 1, 2025.
- Based on Leidos' counsel's discussion on 4/17/23 with the NASA team on this email, it is Leidos' understanding that NASA does not in fact require a 10/31/2023 expiration for the 2200-2300 MHz range, as long as Leidos is subject and complies with the various other Special Conditions on the license related to the 2200-2300 MHz range – for example:

(8) Leidos Inc. shall pre-coordinate airborne use of this system in the band 2200-2290 MHz with agencies owning earth stations listed in Section 8.3.15 of the NTIA Manual, whenever the system operates from an airborne platform within 880 km of such stations (the predetermined coordination distance specified in Appendix 7 of the ITU Radio Regulations (Table 10)). Leidos Inc. should also be aware of the difficulty of coordinating operations with existing users in the 2200-2290 MHz band when the necessary bandwidth exceeds 5 MHz.

(9) The 2290-2300 MHz band shall not be used for airborne operations.

(10) All mobile operations in the 2200-2290 MHz band are limited to line-of-sight operations only.

(11) Notification shall be provided to the NASA GSFC Spectrum Management Office at NASA-DL-GSFCSPPECTRUM-MANAGEMENT@MAIL.NASA.GOV, at least 3 days prior to operations.

- Therefore, Leidos requests that the NASA team confirm the above, and express its “no objection” to:
 - o Removing the phrase “This authorization for 2200-2300 MHz band will expire on 31 October 2023” from Special Condition 6 on the license
 - o Revising the WI2XOX license to specify an overall expiration date for the license as: “January 1, 2025”



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1717 K Street, NW, Washington, DC 20006

From: Melz, Gregory GMelz@ntia.gov

Sent: Monday, February 13, 2023 10:18 AM

To: Rummel, Jeffrey Jeffrey.Rummel@arentfox.com

Subject: RE: Mr. McFall - Question Regarding Condition Imposed on Experimental License - Leidos, Inc. - Station W12XOX

Mr. Rummel,

Not sure if I responded to this email yet, but NASA requested the limited duration for transmission in 2200-2290 MHz.

NASA reviews very closely due to compatibility issues with our S-band earth stations. Not uncommon that agencies won't concur to long period use since federal operations are hard to predict 4 or 5 years out.

v/r

Mr. Gregory A Melz

Chief, Frequency Assignment Branch (FAB)

Spectrum Services Division (SSD)/Office of Spectrum Management (OSM)

National Telecommunications & Information Administration (NTIA)

Department of Commerce (DOC)

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From: Behnam Ghaffari Behnam.Ghaffari@fcc.gov

Sent: Monday, January 9, 2023 3:43 PM

To: Rummel, Jeffrey Jeffrey.Rummel@arentfox.com

Subject: RE: [EXTERNAL]: FW: Mr. Ghaffari - apparent typos in Special Condition - Leidos - WI2XOX

Mr. Rummel,

Our records do not show which agency imposes the restriction. But you can always contact the NTIA's Office of Spectrum Management to find the reasoning for the proposed time limit.

Regards,

Ben