



## Xtraordinary Innovative Space Partnerships, Inc. (XISP-Inc)

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DATE: July 22, 2022

FROM: Gary P. Barnhard  
President & Chief Executive Officer XISP-Inc [gary.barnhard@xisp-inc.com](mailto:gary.barnhard@xisp-inc.com)  
Geometric Energy Corporation (GEC)/Geometric Space Corporation (GSC)  
Geometric-1 Contract Mission Management Support [gary@geometricenergy.com](mailto:gary@geometricenergy.com)

TO: Federal Communication Commission  
David Young, Experimental License Examiner

SUBJECT: DOGE-1 July 22, 2022 Updated FCC Application Package

Dear Mr. Young:

This letter is written based on the guidance provided in the "Instructions for submitting OET Experimental License Application Exhibits" as part of the DOGE-1 FCC licensing application package.

Pursuant to rule sections 0.457 and 0.459 which state under which circumstances the information provided in support of licensing applications can be held confidential, clarifications are hereby provided concerning each of the submitted documents. Please note that is the expressed intention of all members of the DOGE-1 Mission Team, radio vendors, and Earth Station service providers to fully support the licensing review process allowing unfettered access to the provided materials to all reviewers. The exhibits provided are considered XISP-Inc Company Confidential that has been approved for distribution, review, and use by designated DOGE-1 mission team members, radio vendors, licensing coordinators, and additional reviewers on an as needed basis in support of the DOGE-1 mission only. Any other use is prohibited except by negotiated agreement with XISP-Inc, or if otherwise precluded by extant FCC licensing rules. Specific considerations related to the documents provided include:

- Directional Antenna S-Band and Transceiver S-Band documents contain information that the radio manufacturer (GOMspace) considers confidential and does not wish to have released beyond the necessary reviewers without their advice and consent.
- Directional Antenna X-Band and Transmitter X-Band documents contain information that the radio manufacturer (Endurosat) considers confidential and does not wish to have released beyond the necessary reviewers without their advice and consent.
- The Earth Station documents contain information that they (Goonhilly) consider confidential and they do not wish to have released beyond the necessary reviewers without their advice and consent.
- The engineering workbooks provided by XISP-Inc are internal work products prepared to enable the FCC application to be completed and show the basis for all answers provided. Confidential and proprietary information has been abstracted to prepare the same. They may be retained for the FCC licensing record but they are not intended for publication. Furthermore, XISP-Inc considers the integrated material confidential and does not wish to have it released beyond the necessary reviewers without our advice and consent.
- The DOGE-1 Mission Manager (XISP-Inc), the DOGE-1 spacecraft owner (GEC), the spacecraft bus and payload provider (Exobotics), the launch services integration contractor (Maverick Space Systems), Launch Provider (SpaceX), and the Earth Station services provider (Goonhilly) are all working under Non-Disclosure Agreements and are or will be party to any applicable DOGE-1 ITAR compliance documents. Accordingly, XISP-Inc is obligated to disclose the release of the materials and this confidentially request.

In practical terms, we respectfully request the FCC conduct the necessary review using the materials provided as needed, publish to the public record what it is legally obligated to do, and consult with XISP-Inc before publishing any optional material to allow for explicit approval from the involved parties concerning the same.

Thank you very much for your attention to this request.

Sincerely,



Gary P. Barnhard  
XISP-Inc President & Chief Executive Officer  
DOGE-1 Mission Manager

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Referenced Materials Submitted:

1. DOGE-1 NOAA Licensing Letter Jan 22 2022.pdf
2. DOGE-1 ODAR Revision 1-4.pdf
3. DOGE-1 Link Budgets, XISP-Inc Workbook V7-4 (All Parts).pdf
4. DOGE-1 Radio License Reclama XISP-Inc Workbook V7-4 (All Parts).pdf
5. DOGE-1 Endurosat – X-Band 4x4 Patch Antenna – Datasheet.pdf
6. DOGE-1 Endurosat – X-Band Transmitter Datasheet May-22-2022.pdf
7. DOGE-1 GOMspace S-Band Antenna gs-ds-NanoCom-AM2150\_1029876\_12.pdf
8. DOGE-1 GOMspace S-Band-Radio-gs-ds-nanocom-ax2150-1028153-13.pdf
9. DOGE-1 Descriptive Form 442 Question 6 – V1-0.pdf
10. DOGE-1 Earth Station goonhilly-gateway-license.pdf
11. DOGE-1 Earth Station GHY-6-TN-GES-0019 GHY6 Performance Summary TN VOS.pdf