

Date: 27 July 2017

Ref: *Ex Parte* Letter

IBFS File Number: SAT-LOA-20170508-00071

Marlene H. Dortch
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Dear Ms. Dortch:

By this letter, Astro Digital U.S., Inc. (“Astro Digital”) supplements the above-referenced application in response to a request from the International Bureau (“Bureau”) regarding: 1) the National Oceanic and Atmospheric Administration (“NOAA”) earth imaging license issued to Astro Digital; and 2) an analysis of the impact to the Iridium constellation from the use of Globalstar modems for inter-satellite service (“ISS”).

As part of the NOAA application process, Astro Digital submitted end-of-life (“EOL”) disposal plans for its Landmapper constellation (both BC and HD components). NOAA approved the applications, and Astro Digital currently holds a NOAA licenses for its Landmapper constellation (both BC and HD components). Accordingly, FCC review and approval of Astro Digital’s EOL disposal plan for the Landmapper constellation (both BC and HD components) is not necessary.¹

Astro Digital has discussed with Globalstar the matter of potential interference to the Iridium system as a result of the use of Globalstar modems for ISS. Globalstar uses the 950 kHz of spectrum shared with Iridium, i.e., channel 7, at various places around the world. In short, Astro Digital has agreed not to transmit on the shared GlobalStar/Iridium Channel 7 band for our ISS operations.

¹ See *Mitigation of Orbital Debris*, 19 FCC Rcd 1157, 11610 (2004).

Best Regards,

DocuSigned by:

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Chris Biddy
Chief Executive Officer
Astro Digital US, Inc.

s/_____

Jan A. King
Chief Technical Officer
Astro Digital US, Inc.

cc: Sankar Persaud
Alyssa Roberts