August 26, 2021

BY ELECTRONIC FILING

Marlene H. Dortch
Secretary
Federal Communications Commission
45 L Street, N.E.
Washington, DC 20554

Re: *Mitigation of Orbital Debris in the New Space Age, IB Docket No. 18-313*

Dear Ms. Dortch:

This is to inform you that on August 24, 2021, representatives from Space Exploration Holdings, LLC ("SpaceX") had a conference call with Commissioner Simington and his staff. A full list of attendees is provided in Attachment A. In the meeting, SpaceX discussed further the presentation previously made to Commissioner Simington's office on August 6.[1]

As part of that presentation, SpaceX explained that its satellites use a sophisticated automatic collision avoidance system. That system includes extensive checks that ensure collision avoidance maneuvers decrease risk by screening the post-maneuver trajectory in advance of committing to any collision avoidance maneuver.

In this meeting, SpaceX particularly emphasized the importance of improving accuracy of projections of satellite locations. When determining when, how, and if to perform an avoidance maneuver, operators must have accurate assessments of where each satellite is and where it is going. To encourage responsible operations, policies should provide incentives for all satellite operators to improve their covariance realism.

SpaceX also discussed whether an industry standard for coordinating maneuver responsibilities could be effective.

---

[1] *See* Letter from David Goldman to Marlene H. Dortch, IB Docket No. 18-313 (Aug. 10, 2021).

Sincerely,

/s/ David Goldman

David Goldman
Director of Satellite Policy

SPACE EXPLORATION TECHNOLOGIES CORP.
1155 F Street, NW
Suite 475
Washington, DC 20004
Tel: 202-649-2691
Email: David.Goldman@spacex.com

Attachment

ATTACHMENT A

Commissioner Simington's Office
Commissioner Simington
Carolyn Roddy
Erin Boone
Adam Cassady
Michael Sweeney
Isabella Russo-Tiesi

SpaceX
Jeffrey Tooley
Alex Petrov
Erik Babcock
Kevin Wu
David Goldman