



November 17, 2022

BY ELECTRONIC FILING

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

Re: *IBFS File No. SAT-MOD-20200417-00037*

Dear Ms. Dortch:

As required under the conditions of its license, Space Exploration Holdings, LLC (“SpaceX”) hereby reports that three satellites in its non-geostationary orbit satellite system have lost maneuverability.¹ Table 1 attached hereto provides information as to the satellites involved, the causes of the anomalies, and the actions SpaceX has taken to address the issues.

Sincerely,

/s/ David Goldman

David Goldman
Senior Director, Satellite Policy

SPACE EXPLORATION TECHNOLOGIES CORP.
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Attachment

¹ See *Space Exploration Holdings, LLC*, 36 FCC Rcd. 7995, ¶ 97u (2021). For this purpose, the Commission has defined a “satellite disposal failure” as a satellite that loses the capability to maneuver at a higher altitude above injection. See *id.* ¶ 61.

Satellite Number	Cause	Remedial Action	Is SpaceX in contact with the satellite and does it have attitude control for collision avoidance?	Date
STARLINK-1264	Suspected flight computer failure	Sensitive components have been identified and removed from future designs	No	10/10/2022
STARLINK-3165	Suspected hardware vulnerability	Software fix in-progress	No	10/31/2022
STARLINK-2345	Suspected flight computer failure	Sensitive components have been identified and removed from future designs	No	11/7/2022