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FILED ELECTRONICALLY

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

**Re: Sirius XM Radio Inc. Update Letter on SXM-7
Call Sign S3033, File Nos. SAT-RPL-20180430-00033 & SAT-STA-20210216-00022**

Dear Ms. Dortch:

Sirius XM Radio Inc. ("Sirius XM"), by its attorney and pursuant to Section 1.65 of the Commission's rules, 47 C.F.R. § 1.65, hereby notifies the Commission that it currently plans to deploy the SXM-7 satellite to 115.25° W.L. rather than 85.15° W.L. following the completion of in-orbit testing ("IOT").

SXM-7 and SXM-8 (which is currently scheduled for launch later this year) are technically identical satellite digital audio radio service ("SDARS") replacement satellites. When it applied with the Commission for the two satellites in 2018, Sirius XM indicated that SXM-7 was intended to replace the XM-3 satellite at 85.15° W.L. and that SXM-8 was the intended replacement for XM-4 at 115.25° W.L.¹ However, Sirius XM requested and received authority to position each satellite at either of these two orbital locations as needed to satisfy SDARS service requirements. The Commission's license grants included rule waivers allowing Sirius XM to position each satellite at either orbital location without obtaining prior Commission approval, provided that Sirius XM notified the Commission in writing no later than two business days after beginning such a move.² In granting the waivers, the Commission cited a number of SDARS-specific findings, noting that "Sirius XM is the sole licensee in the SDARS frequency bands, and the 85.15° W.L. and 115.25° W.L. orbital locations are both already assigned to Sirius XM," and permitting "Sirius XM to manage its spacecraft as needed will facilitate service continuity for SDARS subscribers."³

Consistent with the flexibility awarded in the SXM-7 License, Sirius XM has determined that moving SXM-7 to 115.25° W.L. instead of 85.15° W.L. would be preferable. Accordingly, Sirius XM requests that the Commission update its records regarding the SXM-7 License to reflect the

¹ See, e.g., *Sirius XM Radio Inc.*, Call Sign S3033, File No. SAT-RPL-20180430-00033, Narrative at 1, granted Oct. 3, 2018 (the "SXM-7 License").

² SXM-7 License, Attachment to Grant at 3, ¶ 12.

³ *Id.*

orbital location change for the satellite. Sirius XM also has a pending request to extend its special temporary authority to perform SXM-7 IOT at the 120.5° W.L. orbital location.⁴ Sirius XM asks the Commission in acting on the IOT STA Request to recognize that once IOT is finished, the satellite will be moved to 115.25° W.L. rather than to 85.15° W.L.

Please address any questions regarding this matter to the undersigned.

Respectfully submitted,

/s/ Karis A. Hastings

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⁴ *Sirius XM Radio Inc.*, Call Sign S3033, File No. SAT-STA-20210216-00022 (the “IOT STA Request”).