

## REQUEST FOR SPECIAL TEMPORARY AUTHORITY

XM Radio LLC (“XM Radio”) respectfully requests space station special temporary authority (“STA”) for 60 days commencing August 16, 2021, to permit XM-5, an in-orbit spare satellite digital audio radio service (“SDARS”) spacecraft at 85.15° W.L., to operate in the Wireless Communications Service (“WCS”) C and D Block spectrum immediately adjacent to the SDARS band, 2315-2320 MHz and 2345-2350 MHz. XM Radio seeks STA pending action on its request to modify the XM-5 license to add the WCS C and D Block frequencies.<sup>1</sup> Grant of the STA will serve the public interest by allowing XM Radio to begin offering XM-5’s WCS band capacity to the Federal Emergency Management Agency (“FEMA”) for use in delivering communications during and after natural disasters and other emergencies.<sup>2</sup>

Grant of the STA is consistent with Commission precedent and will not adversely affect any other party. The Commission previously authorized XM Radio to test XM-5 in the WCS C and D Block spectrum,<sup>3</sup> and XM Radio received no complaints of interference during that testing. The operations proposed here are consistent with the terms of the XM-5 April STA and the XM-5 Modification.

XM Radio seeks operating authority commencing on August 16, in advance of action on the XM-5 Modification, because of resource constraints. XM Radio’s affiliate Sirius XM Radio Inc. recently launched a new spacecraft, SXM-8, that is being drifted to its assigned orbital location. During the SXM-8 drift, company personnel that will be needed to support the transition of SDARS traffic to SXM-8 have a limited window of availability to initiate XM-5 operations in WCS spectrum, which are scheduled under the arrangements with FEMA to begin on September 13, 2021.

XM Radio understands that any Commission grant of this STA will be without prejudice to the ultimate determination the Commission will make regarding the XM-5 Modification and that any action taken pursuant to a grant of the requested STA will be at XM Radio’s own risk.

For the foregoing reasons, XM Radio respectfully requests special temporary authority for a period of 60 days commencing on August 16, 2021, to operate XM-5 in the WCS C and D Block frequencies as described herein.

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<sup>1</sup> See XM Radio LLC, Call Sign S2786, File No. SAT-MOD-20210618-00082 (the “XM-5 Modification”). A public notice accepting the XM-5 Modification for filing was issued on July 9. See *Satellite Policy Branch Information, Space Station Applications Accepted for Filing*, Report No. SAT-01565, July 9, 2021.

<sup>2</sup> See XM-5 Modification, Narrative at 5-6.

<sup>3</sup> See XM Radio LLC, Call Sign S2786, File No. SAT-STA-20210406-00045, granted Apr. 29, 2021 (the “XM-5 April STA”).