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September 7, 2011

Via IBFS

Ms. Marlene H. Dortch, Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

**Re: XM Radio LLC
Request for Bulk Extension of Special Temporary Authority to
Operate Terrestrial Repeaters at Various Locations for 180 Days,
FCC File No. SAT-STA-20110303-00046**

Dear Ms. Dortch:

Pursuant to Section 25.120(b)(2) of the Commission's rules, 47 C.F.R. § 25.120(b)(2), XM Radio LLC ("XM"), a satellite radio licensee in the Satellite Digital Audio Radio Service ("SDARS"), hereby requests extension of Special Temporary Authority ("STA") to operate terrestrial repeaters.¹ XM requests extension of the STA grant listed above to operate these repeaters in the XM frequency band (2332.5- 2345 MHz) at various locations across the United States, for a period of 180 days or until the Commission issues a blanket license for these repeaters pursuant to 47 C.F.R. § 25.144(e), whichever occurs first. Absent renewal, these STAs will expire on September 11, 2011.²

The Commission's May 20, 2010 decision adopting formal rules for satellite radio terrestrial repeaters established mechanisms to facilitate the continued operation of repeaters under STA until the new rules were fully in effect, including directing the staff to provide a uniform expiration date for all such STAs:

¹ The FCC authorizations formerly held by XM Radio Inc. were recently assigned to XM Radio LLC pursuant to Commission consent. FCC File Nos. SAT-ASG-20110617-00111 (granted June 23, 2011), SES-ASG-INTR2011-01952 and 0004771722 (granted June 30, 2011).

² Because this request is timely, pursuant to Section 1.62 of the Rules, the listed STAs will continue in effect without further action by the Commission until such time as the Commission shall make a final determination with respect to this request. See 47 C.F.R. § 1.62.

In order to effect an orderly transition from operations under grants of STA to permanent authority to operate terrestrial repeaters, we instruct the International Bureau to extend all existing grants of STA for SDARS repeaters for a period of 180 days from the release date of this *Second Report and Order*.³

The instant application asks that the Bureau grant the bulk STA extension contemplated in the *2010 Order*.⁴ Incorporating multiple extension applications into a single filing facilitates the STA process going forward by establishing a consistent expiration date for many of XM's repeater STA grants.

XM currently operates these repeaters pursuant to an STA granted by the International Bureau on May 11, 2011 and covering a 180-day period beginning on March 15, 2011. XM has not changed technical parameters for the repeaters since the original grants of the STAs and is not herein requesting modification of any of those parameters. Renewing this STA will serve the public interest by assisting the Bureau to implement the Commission's directive in the *2010 Order* concerning STA extensions and will enable XM to continue to provide a quality signal to its subscribers at various locations across the United States.

During the time the referenced STAs have been operating, XM has not been made aware of any incidents where the equipment has caused any interference to other radio services. None of these repeaters will exceed 12 kw average EIRP, which is the maximum power level the Commission permits in its new rules for satellite radio terrestrial repeaters.⁵

³ Amendment of Part 27 of the Commission's Rules to Govern the Operation of Wireless Communications Services in the 2.3 GHz Band; Establishment of Rules and Policies for the Digital Audio Radio Satellite Service in the 2310-2360 MHz Frequency Band, Report and Order and Second Report and Order, FCC 10-82, at Para. 264 (released May 20, 2010) (the "*2010 Order*"). The *2010 Order* also allows Sirius XM to request further 180 day extensions of this initial 180 day automatic extension "[i]n the event blanket licenses are not issued within 180 days of the effective date of this Order." *Id.*, note 615. The Commission cannot grant these blanket licenses until after the new rules have been approved by the Office of Management and Budget, which has not yet occurred. See 75 Fed. Reg. 45058 (Aug. 2, 2010); 76 Fed. Reg. 30706 (May 26, 2011).

⁴ A similar Request for Bulk STA Extension is being filed for the terrestrial repeater STA grants issued to Sirius XM Radio Inc.

⁵ 47 C.F.R. § 25.214(d)(1). The Commission concluded in the *2010 Order* "that SDARS terrestrial repeaters can operate at an average EIRP of 12 kw with maximum PAPR of 13 dB without causing harmful interference to WCS base station receivers." *Id.* at Para. 243.

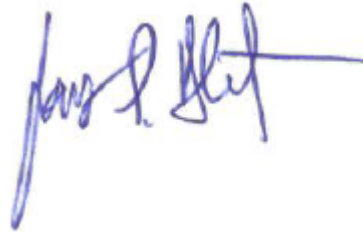
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XM will continue to comply with the conditions the Commission imposed in granting the referenced STAs to operate these repeaters. These conditions and the technical parameters of the repeaters have provided sufficient protection to other radio services.

XM is submitting payment to the Federal Communications Commission in the amount of Eight Hundred Thirty Dollars (\$830.00) -- the filing fee applicable to requests for STAs for geostationary ("GSO") satellites.⁶

Please direct any questions regarding this matter to the undersigned.

Very truly yours,



James S. Blitz
Vice President, Regulatory Counsel

cc: Stephen Duall, FCC International Bureau
Jay Whaley, FCC International Bureau
Sankar Persaud, FCC International Bureau

⁶ See International and Satellite Services Fee Filing Guide (February 2009).