

SIRIUS XM

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April 15, 2010

Via IBFS

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

**Re: XM Radio Inc.
Request for Extension of 180-Day Special Temporary Authority to Operate a
New Low Power Terrestrial Repeater in Las Vegas, Nevada
File No. SAT-STA-20090930-00102**

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 Inc. ("XM"), a satellite radio licensee in the Satellite Digital Audio Radio Service, hereby requests extension of the above-referenced Special Temporary Authority ("STA") to operate in its licensed frequency band a low power terrestrial repeater which has an average Effective Isotropically Radiated Power ("EIRP") of 2000 watts. XM requests that the Commission renew this STA for a period of 180 days or until the Commission issues a blanket license for repeaters used in connection with satellite radio. Absent renewal, this STA is scheduled to expire on May 4, 2010.¹

XM currently operates the repeater pursuant to the STA granted by the International Bureau on November 5, 2009. XM has not changed technical parameters for this repeater since the original grant of the STA and is not herein requesting modification of any of those parameters. Renewing this STA will serve the public interest by allowing XM to continue to

¹ Because this request is timely, pursuant to Section 1.62 of the Rules, this STA 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.

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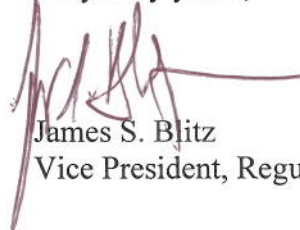
provide a quality signal to its subscribers in the Las Vegas, Nevada area.

XM has been using the repeater authorized in the above-referenced STA for over 180 days and is not aware of any incidents where the equipment has caused any interference to other radio services. XM emphasizes that the repeater operates at a power level of not more than 2000 watts. As the Bureau acknowledged in granting XM's original repeater STA requests, and the WCS licensees have confirmed, operating terrestrial repeaters at an EIRP of 2000 watts or less does not pose interference concerns.²

XM will continue to comply with the conditions the Commission imposed in granting the above-referenced STA to operate the repeater. These conditions and the technical parameters of the repeater have provided sufficient protection to other radio services. Therefore, prompt grant of XM's extension request will allow for the continued reception of the SDARS signal in Las Vegas.

Please direct any questions regarding this matter to the undersigned.

Very truly yours,

A handwritten signature in dark ink, appearing to read "James S. Blitz", is written over a horizontal line.

James S. Blitz
Vice President, Regulatory Counsel

² See *XM Radio, Inc., Application for Special Temporary Authority to Operate Satellite Digital Audio Radio Service Complimentary Terrestrial Repeaters, Order and Authorization*, 16 FCC Rcd. 16781 ¶ 12 (“The comments from WCS licensees express concern about blanketing interference from DARS repeaters that operate with an Equivalent Isotropically Radiated Power (EIRP) above 2 kW.”). Moreover, in March 2007, the WCS Coalition said that it will defer from objecting to STA requests that propose operations of no more than 2,000 watts EIRP, even if they do not specify peak or average EIRP, provided that grant of the STA (i) is conditioned on operation on a non-interference basis; and (ii) is subject to the condition that the issue of peak versus average EIRP will be addressed in the pending DARS rulemaking (IB Docket No. 95-91). See Letter from Paul J. Sinderbrand, Counsel to the WCS Coalition, to Ms. Helen Domenici, FCC, File No. SAT-STA-20061207-00145 (March 19, 2007). XM agrees to these conditions.

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