

SAT-STA-20080828-00161  
XM Radio Inc.

IB2008002070



File # SAT-STA-20080828-00161  
*with attached conditions*  
Call Sign \_\_\_\_\_ Grant Date 9/8/08  
(or other identifier)

Approved by OMB  
3060-0678

Term Dates

From: See conditions To: See conditions

Date & Time Filed: Aug 28 2008 3:42:34:206PM  
File Number: SAT-STA-20080828-00161  
Callsign:

Approved: [Signature] Chief Seattle  
Robert G. Nelson Division

FEDERAL COMMUNICATIONS COMMISSION  
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY

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APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:

Request for Extension of Special Temporary Authority to Operate Terrestrial Repeaters

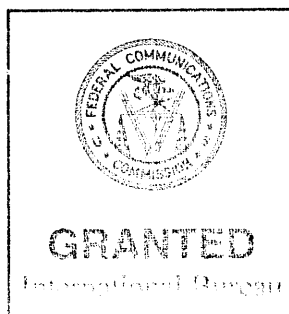
1. Applicant

<b>Name:</b>	XM Radio Inc.	<b>Phone Number:</b>	202-380-4000
<b>DBA Name:</b>		<b>Fax Number:</b>	202-380-4981
<b>Street:</b>	1500 Eckington Place, NE	<b>E-Mail:</b>	james.blitz@xmradio.com
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20002 -
<b>Attention:</b>	James S Blitz		

**Application of XM Radio Inc.  
IBFS File No. SAT-STA-20080828-00161**

Special temporary authority (STA) is granted to XM Radio Inc. (XM) to operate for a period of 30 days the Satellite Digital Audio Radio Service (SDARS) terrestrial repeaters specified in Attachment D to the Consent Decree adopted on July 25, 2008 (FCC 08-177). This grant of STA is subject to the terms and conditions of the Consent Decree, as well as the conditions below.

1. Any actions taken as a result of this STA are solely at the applicant's own risk. This STA shall not prejudice the outcome of the final rules adopted by the Commission in IB Docket No. 95-91. The issue concerning average versus peak EIRP raised by the WCS Coalition will be addressed in that proceeding. Operations prior to such action will be subject to condition 2 below.
2. Operation of terrestrial repeaters authorized pursuant to this STA is on a non-interference basis with respect to all permanently authorized radiocommunication facilities. XM shall provide the information and follow the process set forth in paragraphs 14 and 17 in 16 FCC Rcd 16773 (Int'l Bur. 2001) and 16 FCC Rcd 16781 (Int'l Bur. 2001), as modified by 16 FCC Rcd 18481 (Int'l Bur. 2001) and 16 FCC Rcd 18484 (Int'l Bur. 2001).
3. Terrestrial repeaters are restricted to the simultaneous retransmission of the complete programming, and only that programming, transmitted by the satellite directly to SDARS receivers.
4. Coordination of terrestrial repeater operations shall be completed with all affected Administrations prior to operation, in accordance with all applicable international agreements including those with Canada and Mexico.
5. Terrestrial repeaters shall comply with Part 17 of the Commission's rules – Construction, Marking, and Lighting of Antenna Structures.
6. Terrestrial repeaters shall comply with Part 1 of the Commission's rules, Subpart I - Procedures Implementing the National Environmental Policy Act of 1969, including the guidelines for human exposure to radio frequency electromagnetic fields as defined in Sections 1.1307(b) and 1.1310 of the Commission's rules.
7. The out-of-band emissions of terrestrial repeaters shall be limited to 75+log(EIRP) dB less than the transmitter EIRP.



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*w/PL attached conditions*

Call Sign \_\_\_\_\_ Grant Date 9/8/08  
(or other Identifier)

Term Dates  
From: See Conditions To: See Conditions

Approved: [Signature] *Chief Satellite*  
Robert G. Nelson *DIVISION*

2. Contact			
<b>Name:</b>	James S. Blitz	<b>Phone Number:</b>	202-380-4000
<b>Company:</b>	XM Satellite Radio Inc.	<b>Fax Number:</b>	202-380-4500
<b>Street:</b>	1500 Eckington Place NE	<b>E-Mail:</b>	james.blitz@xmradio.com
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20002 -
<b>Attention:</b>		<b>Relationship:</b>	Same
(If your application is related to an application filed with the Commission, enter either the file number or the IB Submission ID of the related application. Please enter only one.)			
3. Reference File Number or Submission ID			
4a. Is a fee submitted with this application?			
<input checked="" type="radio"/> If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).			
<input type="radio"/> Governmental Entity <input type="radio"/> Noncommercial educational licensee			
<input type="radio"/> Other (please explain):			
4b. Fee Classification    CRY – Space Station (Geostationary)			
5. Type Request			
<input type="radio"/> Change Station Location <input checked="" type="radio"/> Extend Expiration Date <input type="radio"/> Other			
6. Temporary Orbit Location		7. Requested Extended Expiration Date	

<p>8. Description (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.)</p> <div style="border: 1px solid black; padding: 10px; margin: 5px 0;"> <p>XM Radio Inc. (XM) requests extension of Special Temporary Authority (STA) granted on August 6, 2008 (File No. SAT-STA-20061002-00114) to operate terrestrial repeaters. Absent renewal, this STA will expire on September 5, 2008.</p> </div>					
<p>9. By checking Yes, the undersigned certifies that neither applicant nor any other party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the meaning of "party to the application" for these purposes. <span style="float: right;"><input checked="" type="radio"/> Yes <input type="radio"/> No</span></p>					
<p>10. Name of Person Signing James S. Blitz</p>	<p>11. Title of Person Signing Vice President, Regulatory Counsel</p>				
<p>12. Please supply any need attachments.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; padding: 5px;">Attachment 1: STA Request</td> <td style="width: 33%; padding: 5px;">Attachment 2:</td> <td style="width: 33%; padding: 5px;">Attachment 3:</td> </tr> </table>			Attachment 1: STA Request	Attachment 2:	Attachment 3:
Attachment 1: STA Request	Attachment 2:	Attachment 3:			
<p><b>WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT (U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).</b></p>					

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## **XM SATELLITE RADIO INC.**

James S. Blitz  
Vice President, Regulatory Counsel  
XM Radio Inc.  
1500 Eckington Place, NE  
Washington, DC 20002  
[jim.blitz@xmradio.com](mailto:jim.blitz@xmradio.com)  
P: 202-380-1383  
F: 202-380-4981

August 28, 2008

### **Via IBFS**

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

**Re: XM Radio Inc.  
Renewal of Special Temporary Authority to Operate Terrestrial  
Repeaters  
File No. SAT-STA-20061002-00114**

Dear Ms. Dortch:

Pursuant to Section 25.120 of the Commission's Rules,<sup>1</sup> XM Radio Inc. ("XM Radio") hereby requests renewal of the above-referenced Special Temporary Authority ("STA") granted in FCC File No. SAT-STA-20061002-00114, so the repeaters covered by that STA may continue to operate at the parameters authorized therein. Absent renewal, this STA is scheduled to expire on September 5, 2008. XM Radio requests that the Commission renew this STA until the Commission acts on the pending request for 180 day STA (FCC File Number SAT-STA-20061013-00119), or until the Commission issues a blanket license for satellite radio terrestrial repeaters, whichever occurs first. 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 makes a final determination with respect to this request.<sup>2</sup>

XM Radio currently operates these repeaters in their licensed frequency band (2332.5-2345 MHz) pursuant to the STA granted by the International Bureau on August 6, 2008. XM Radio has not changed technical parameters for these repeaters since the 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 Radio to continue to provide a clear signal to XM subscribers in the areas served by these repeaters.

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<sup>1</sup> See 47 C.F. R. § 25.120.

<sup>2</sup> See 47 C.F.R. § 1.62.


Ms. Marlene H. Dortch  
August 28, 2008  
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As disclosed in the application for this STA, XM Radio has been operating the repeaters authorized under this STA at the parameters requested therein and XM is not aware of any incidents where these repeaters have caused any interference to other radio services.

XM Radio will continue to comply with the conditions the Commission imposed in granting the above-referenced STA, which provide sufficient protection to other radio services. Therefore, prompt grant of XM Radio's renewal request will allow for the continued reception of satellite radio programming over these repeaters by XM subscribers across the country.

Please direct any questions regarding this matter to the undersigned.

Very truly yours,



James S. Blitz  
Vice President, Regulatory Counsel

cc: Stephen Duall, FCC  
Shabnam Javid, FCC