

SAT-STA-20081002-00196

IB2008002388

XM Radio Inc.

File # SAT-STA- 20081002-00196

Call Sign \_\_\_\_\_ Grant Date 09/15/10  
(or other identifier)

Term Dates see \_\_\_\_\_ conditions  
From 09/15/10 To: \_\_\_\_\_

Approved by OMB  
3060-0678

Approved: Stephen J. Duall

Stephen J. Duall  
Chief, Satellite Policy Branch



Date & Time Filed: Oct 2 2008 5:35:04:636PM  
File Number: SAT-STA-20081002-00196  
Callsign:

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		

Attachment to Grant

Application of XM Radio Inc. for Special Temporary Authority

IBFS File Nos. SAT-STA-20020311-00049, SAT-STA-20030325-00056, SAT-STA-20031219-00373, SAT-STA-20050307-00056, SAT-STA-20070706-00095, SAT-STA-20070706-00096, SAT-STA-20080303-00056, SAT-STA-20080701-00139, SAT-STA-20081002-00196, SAT-STA-20081218-00234

Special temporary authority (STA) is granted to XM Radio Inc. (XM), for a period of 180 days, to continue to operate previously authorized terrestrial repeaters for use in the 2320-2345 MHz frequency band, as set forth in the above-referenced applications. This authorization is granted according to the technical parameters specified in these applications and is subject to the conditions below.

1. Any actions taken as a result of these STAs are solely at the applicant's own risk. These STAs shall not prejudice the outcome of the final rules adopted by the Commission in IB Docket No. 95-91.

2. SDARS terrestrial repeaters are restricted to the simultaneous retransmission of the complete programming, and only that programming, transmitted by the SDARS licensee's satellite(s) directly to the SDARS licensee's subscribers' receivers, and may not be used to distribute any information not also transmitted to all subscribers' receivers.

3. Coordination of the operations of the terrestrial repeaters shall be completed with all affected Administrations prior to operation, in accordance with all applicable international agreements including those with Canada and Mexico.

4. The terrestrial repeaters shall comply with Part 17 of the Commission's rules – Construction, Marking, and Lighting of Antenna Structures.


5. The 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.

6. Any SDARS terrestrial repeater operating at a power level greater than 2-watt average EIRP is required to attenuate its out-of-band emissions below the transmitter power P by a factor of not less than  $90 + 10 \log (P)$  dB in a 1-megahertz bandwidth outside the 2320-2345 MHz band, where P is average transmitter output power in watts. Any SDARS terrestrial repeater operating at a power level equal to or less than 2-watt average EIRP is required to attenuate its out-of-band emissions below the transmitter power P by a factor of not less than  $75 + 10 \log (P)$  dB in a 1-megahertz bandwidth outside the 2320-2345 MHz band, where P is average transmitter output power in watts.

7. These STAs expire after 180 days, or on the date that permanent authority to operate the covered repeater operations becomes effective, whichever occurs first.

8. XM is granted 30 days from the date of the release of this authorization to decline the authorization as conditioned. Failure to respond within that period will constitute formal acceptance of the authorization as conditioned.

9. This action is taken on delegated authority pursuant to 47 C.F.R. § 0.261 and is effective upon release. Petitions for reconsideration under 47 C.F.R. § 1.106 or applications for review under 47 C.F.R. § 1.115 may be filed within 30 days of the date of the Public Notice announcing this action.

 <b>GRANTED</b> * International Bureau *with conditions	File # <u>see above</u>
	Call Sign _____ Grant Date <u>09/15/10</u>
	(or other identifier) _____ Term Dates <u>see conditions</u>
	From <u>09/15/10</u> To _____
	Approved: <u>Stephen J. Duall</u> Stephen J. Duall Chief, Satellite Policy Branch

<b>2. Contact</b>	
<b>Name:</b> James S. Blitz	<b>Phone Number:</b> 202-380-4000
<b>Company:</b> XM Satellite Radio Inc.	<b>Fax Number:</b> 202-380-4981
<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>	<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	

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.)

XM Radio Inc. (XM) requests extension of Special Temporary Authority (STA) granted initially on August 6, 2008 (File No. SAT-STA-20061002-00114) and extended on September 8, 2008 (File No. SAT-STA-20080828-00161) to operate terrestrial repeaters. Absent renewal, this STA will expire on October 8, 2008.

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.

Yes  No

10. Name of Person Signing  
James S. Blitz

11. Title of Person Signing  
Vice President, Regulatory Counsel

12. Please supply any need attachments.

Attachment 1: STA Request

Attachment 2:

Attachment 3:

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).

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**THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.**





## **XM SATELLITE RADIO INC.**

October 1, 2008

### **Via IBFS**

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

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

**Re: XM Radio Inc.  
Renewal of Special Temporary Authority to Operate Terrestrial  
Repeaters  
File Nos. SAT-STA-20061002-00114, SAT-STA-20080828-00161**

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 initially in FCC File No. SAT-STA-20061002-00114 and extended in FCC File No. SAT-STA-20080828-00161, 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 October 8, 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 September 9, 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.

<sup>1</sup> See 47 C.F. R. § 25.120.

<sup>2</sup> See 47 C.F.R. § 1.62.

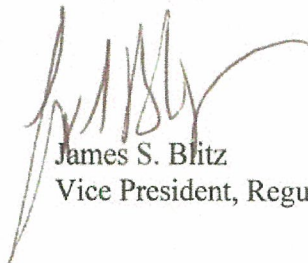
Ms. Marlene H. Dortch  
October 1, 2008  
Page 2

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,

A handwritten signature in dark ink, appearing to read "James S. Blitz", with a long, sweeping flourish extending to the right.

James S. Blitz  
Vice President, Regulatory Counsel

cc: Stephen Duall, FCC  
Shabnam Javid, FCC