

SAT-STA-20081218-00234

IB2008003008

XM Radio Inc.

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Callsign:

File # SAT-STA-2008 1218- 00234

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

Term Dates see conditions Approved by OMB 3060-0678

From 09/15/10 To:

Approved: Stephen J. Duall

Stephen J. Duall
Chief, Satellite Policy Branch



FEDERAL COMMUNICATIONS COMMISSION
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY

FOR OFFICIAL USE ONLY

APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:
Request for Extension of Special Temporary Authority to Operate a Terrestrial Repeater in Torrance, California

1. Applicant

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

| | |
|--|---|
|  GRANTED* 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</u> From <u>09/15/10</u> To: <u>conditions</u> |
| | Approved: <u>Stephen J. Duall</u> Stephen J. Duall Chief, Satellite Policy Branch |
| | |

| | | | |
|---|-------------------------|---|-------------------------|
| 2. Contact | | | |
| Name: | James S. Blitz | Phone Number: | 202-380-4000 |
| Company: | Sirius XM Radio Inc. | Fax Number: | 202-380-4981 |
| Street: | 1500 Eckington Place NE | E-Mail: | james.blitz@xmradio.com |
| City: | Washington | State: | DC |
| Country: | USA | Zipcode: | 20002 - |
| Attention: | | Relationship: | 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 SATSTA2008043000095 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 July 1, 2008 (File No. SAT-STA-20080430-00095) to operate a low power terrestrial repeater in Torrance, California. Absent renewal, this STA will expire on December 28, 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: Extension 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).

FCC NOTICE REQUIRED BY THE PAPERWORK REDUCTION ACT

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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

December 18, 2008

Via IBFS

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

James S. Blitz
Vice President, Regulatory Counsel
XM SATELLITE RADIO
1500 Eckington Place, NE
Washington, DC 20002
jim.blitz@xmradio.com
P: 202-380-1383
F: 202-380-4981

**Re: XM Radio Inc.
Renewal of Special Temporary Authority to Operate a Low Power
Repeater in Torrance, California
File No. SAT-STA-20080430-00095**

Dear Ms. Dortch:

Pursuant to Section 25.120 of the Commission's Rules,¹ XM Radio Inc. ("XM Radio") hereby requests renewal of the above-referenced Special Temporary Authority ("STA") to operate a low power terrestrial repeater with an Effective Isotropically Radiated Power ("EIRP") of 2000 watts in Torrance, California (the "Repeater"). Absent renewal, this STA is scheduled to expire on December 28, 2008. XM Radio requests that the Commission renew this STA for a period of 180 days or until the Commission issues a blanket license for the Repeater. Because this request is timely, XM Radio understands that, 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.²

XM Radio currently operates the Repeater in its licensed frequency band (2332.5-2345 MHz) pursuant to the STA granted by the International Bureau on February 5, 2008. XM Radio has not changed technical parameters for the 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 Radio to continue to provide a clear signal to the North American Operations Headquarters facility for Toyota Motor Sales, in Torrance, California. As XM Radio noted in its original application for this repeater, this facility extends eleven city blocks and houses Toyota employees who are involved in product development, product planning, marketing, and

¹ See 47 C.F. R. § 25.120.

² See 47 C.F.R. § 1.62.

Ms. Marlene H. Dortch
December 18, 2008
Page 2

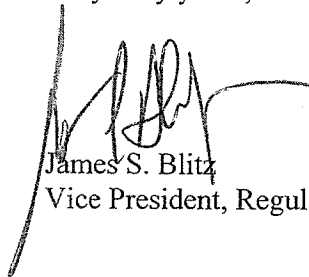
related activities. As such, these individuals need to receive a quality XM signal for purposes such as monitoring the XM signal, developing dealer kits, and assisting in planning of integrating XM services in the next generation Toyota vehicles.

XM Radio has been using the Repeater authorized under this STA for 180 days and is not aware of any incidents where it has caused any interference to other radio services. XM Radio emphasizes that the Repeaters operate at a power level of not more than 0.5 watts and at a level which is unlikely to cause any interference.

XM Radio 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 Radio's renewal request will allow for the continued reception of the SDARS signal in Torrance, California.

Please direct any questions regarding this matter to the undersigned.

Very truly yours,

A handwritten signature in black ink, appearing to read 'James S. Blitz', is written over the typed name and title.

James S. Blitz
Vice President, Regulatory Counsel

cc: Stephen Duall, FCC