

Approved by OMB
3060-0678

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Request for Special Temporary Authority To Provide LEOP Services for the FM-6 Satellite Using Ellenwood, Georgia Earth Station,
Call Sign E080168

I. Applicant

Name:	Sirius XM Radio Inc.	Phone Number:	202−380−1383
DBA Name:		Fax Number:	202−380−4981
Street:	1221 Avenue of the Americas 36th Floor	E-Mail:	james.blitz@siriusxm.com
City:	New York	State:	NY
Country:	USA	Zipcode:	10020
Attention:	James S. Blitz		

30 days "Extension with conditions"



File # SES-STA-20131028-00901

Call Sign E080168 Grant Date 01/31/2014
(or other identifier)

Term Dates
From 01/31/2014 To: 03/03/2014

Approved: *[Signature]*

Sirius XM Radio Inc. Request for 30-Day Extension of Special Temporary Authority to Provide LEOP Services for the FM-6 Satellite Using Ellenwood, Georgia Earth Station, Call Sign E080168

Sirius XM Radio Inc. (“Sirius XM”) herein requests a 30-day extension of its existing Special Temporary Authority (“STA”), granted on September 27, 2013, to use the S- and X- band antennas on its Ellenwood, Georgia earth station (call sign E080168) to provide launch and early orbit phase (“LEOP”) services to its FM-6 satellite (Call Sign S2812). Sirius XM launched the FM-6 satellite on October 25, 2013. The existing STA will expire on October 31, 2013.¹ Sirius XM anticipates that LEOP services for the FM-6 satellite will continue beyond that date. Sirius XM thus seeks this extension to complete all necessary LEOP services.

As discussed in its original STA request, Sirius XM will conduct LEOP operations for FM-6 in the satellite’s authorized frequency bands. More specifically, the Ellenwood, GA earth station will use the following frequencies:

- 2320.0 – 2332.5 MHz (downlink)
- 7051.5 – 7052.5 MHz (uplink)
- 7055.5 – 7056.5 MHz (uplink)
- 7060.0 – 7064.5 MHz (uplink)
- 7068.0 – 7072.5 MHz (uplink)

Grant of this STA extension will serve the public interest by ensuring the safe launch of FM-6, and will also facilitate successful positioning of the FM-6 satellite into its in-orbit testing location and the satellite’s ultimate entry into operation.

Moreover, grant of this request will not cause harmful interference to other satellite operators. Sirius XM won exclusive satellite rights to the 2320.0 – 2332.5 MHz S-band spectrum at auction and will coordinate internally its LEOP operations with its other in-orbit satellites. No other satellite operators will be affected by Sirius XM’s use of these LEOP frequencies.

Similarly, grant of this request will not cause harmful interference to existing or proposed terrestrial facilities operating in the 7 GHz X-band. As shown in the attached Frequency Coordination and Interference Analysis Reports prepared by Comsearch and previously submitted as part of the original STA request, Sirius XM has coordinated its proposed use of its Ellenwood, GA earth station with all existing or proposed terrestrial facilities operating in the shared 7 GHz frequency band, including national licensees. In the extremely unlikely event that harmful interference should occur due to transmissions to or from its earth station, Sirius XM will take all reasonable steps to eliminate the interference.

¹ Request for Special Temporary Authority To Provide LEOP Services for the FM-6 Satellite Using Ellenwood, Georgia Earth Station, Call Sign E080168, File No. SES-STA-20130701-00562 (stamp grant, Sept. 27, 2013).

In light of the above, Sirius XM respectfully requests Commission approval of this timely filed 30-day STA extension request. Given the necessity of LEOP services to ensure safe operation of the FM-6 satellite and as authorized by the Commission's rules, Sirius XM will continue LEOP operations consistent with the terms and conditions of its existing authority pending action on this request.²

² 47 C.F.R. § 1.62.

2. Contact

Name: Jennifer D. Hindin **Phone Number:** 202-719-4975
Company: Wiley Rein LLP **Fax Number:** 202-719-7049
Street: 1776 K Street, NW **E-Mail:** jhindin@wileyrein.com

City: Washington **State:** DC
Country: USA **Zipcode:** 20006 -
Attention: **Relationship:** Legal Counsel

(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?

If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).

Governmental Entity Noncommercial educational licensee

Other (please explain):

4b. Fee Classification CGX – Fixed Satellite Transmit/Receive Earth Station

5. Type Request

Use Prior to Grant Change Station Location Other

6. Requested Use Prior Date

7. City Ellenwood

8. Latitude
(dd mm ss.s h) 33 39 51.0 N

9. State	GA		
10. Longitude (dd mm ss.s h)	84	16	24.0 W
11. Please supply any need attachments. Attachment 1: STA Request	Attachment 2: Freq. Coordination Attachment 3:		
12. 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>Sirius XM Radio Inc. requests extension of its special temporary authority to use its Ellenwood, Georgia earth station with call sign E080168 to provide launch and early orbit phase services to the FM-6 satellite.</p>		
13. 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.	<p style="text-align: center;">Yes No</p> <p style="text-align: center;"><input checked="" type="radio"/> <input type="radio"/></p>		
14. Name of Person Signing James S. Blitz	15. Title of Person Signing V.P., Regulatory Counsel		
<p style="text-align: center;">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).</p>			

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