

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

1. Applicant

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

30 days "with conditions"

File # SES-STA-20130701-00562

Call Sign E880/68 Grant Date 09/24/2013
(or other identifier)

Term Dates
From 10/01/2013 To: 10/31/2013

Approved: *James S. Blitz*

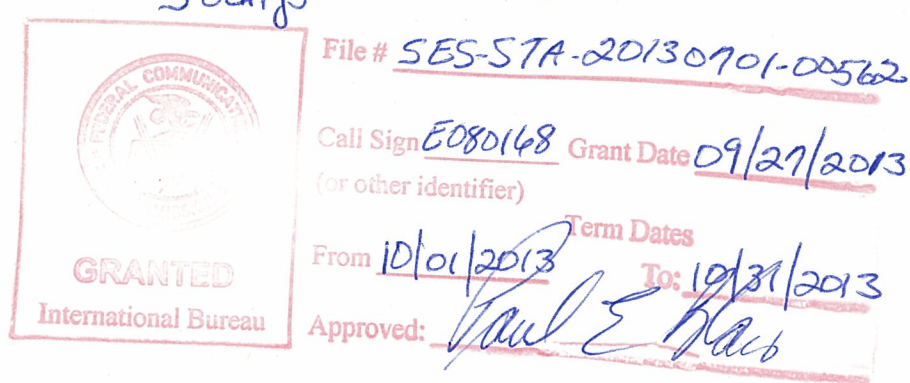


Applicant: Sirius XM Radio Inc.
File No.: SES-STA-20130701-00562
Call Sign: E080168
Special Temporary Authority (STA)

Sirius XM Radio Inc. is granted STA, under the following conditions, for 30 days from October 1, 2013, to use its earth station in Ellenwood, Georgia to provide launch and early orbit phase ("LEOP") services to FM-6 satellite (call sign S2812) in the 2320.0 – 2332.5 MHz (space-to-Earth) and 7051.5 – 7052.5, 7055.5 – 7056.5, 7060.0 – 7064.5, 7068.0 – 7072.5 MHz (Earth-to-space) frequency bands.

1. Sirius XM Radio Inc. will not exceed the previously-coordinated parameters during the proposed LEOP and will not cause harmful interference to the operations of any other spacecraft and authorized terrestrial operations. Sirius XM Radio will cease transmissions promptly in the event any harmful interference is caused by such operations. Sirius XM Radio must immediately terminate transmissions and notify the FCC in writing.
2. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Sirius XM Radio Inc.'s own risk.
3. This action is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective immediately.

30 days "with conditions"



The stamp is a rectangular red-bordered box. On the left side, there is a circular seal of the Federal Communications Commission. Below the seal, the word "GRANTED" is printed in bold, and "International Bureau" is printed below that. To the right of the seal, there are several fields with handwritten text in blue ink: "File # SES-STA-20130701-00562", "Call Sign E080168", "Grant Date 09/27/2013", "Term Dates From 10/01/2013 To: 10/31/2013", and "Approved: Paul E. Davis".

File # SES-STA-20130701-00562

Call Sign E080168 Grant Date 09/27/2013
(or other identifier)

Term Dates
From 10/01/2013 To: 10/31/2013

Approved: Paul E Davis

**Sirius XM Radio Inc. Request for 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 grant of Special Temporary Authority ("STA"), 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) for 30 days, commencing upon launch of the satellite. Sirius XM currently expects to launch the FM-6 satellite on August 14, 2013 and will notify the FCC of changes in this launch date that may affect the timing of the authority requested.

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 will serve the public interest by ensuring the safe launch of FM-6. It will also facilitate successful positioning of 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, 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.

In light of the above, Sirius XM respectfully requests Commission approval of this STA request.

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 -2398
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?	
<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 CGX - Fixed Satellite Transmit/Receive Earth Station	
5. Type Request	
<input type="radio"/> Use Prior to Grant <input type="radio"/> Change Station Location <input checked="" type="radio"/> Other	
6. Requested Use Prior Date	
7. CityEllenwood	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.)	<div style="border: 1px solid black; padding: 5px;"> <p>Sirius XM Radio Inc. requests 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> </div>
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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