

**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.