

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

Approved by OMB  
3060-0678

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
E000158 60-Day STA Extension Request to communicate with XM-4 (Call Sign S2616) at 115.25

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@siriusxm.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20002
Attention:	James S. Blitz		

"60 days" "Extension with conditions"



File# SES-STA-20101202-01481  
Call Sign E000158 Grant Date 12/10/2010  
(or other identifier)  
Term Dates  
From 12/13/2010 To 02/10/2011  
Approved: Paul E. Hites

STA CONDITION  
XM Radio, Inc  
SES-STA-20101202-01481  
E000158  
WASHINGTON, DC

Operation of this authorization, described above, shall not cause harmful radio to any other lawfully operated radiocommunication or radio astronomy system in conformance with the Tables of Allocation in Section 2.106 of the Commission's Rules, 47 C.F.R. §2.106. Upon receiving notice that operation of the station (STA) authorized herein is causing such harmful interference, Xm Radio shall terminate the interfering operation immediately.

"60 days" "Extension with conditions"



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Call Sign E000158 Grant Date 12/10/2010  
(or other identifier)

Term Dates  
From 12/13/2010 To: 02/10/2011

Approved: Paul E. [Signature]

## REQUEST FOR SPECIAL TEMPORARY AUTHORITY

XM Radio Inc. (“XM Radio”),<sup>1</sup> a satellite digital audio radio service licensee, hereby requests a 60-day extension of the special temporary authority (“STA”) granted on October 13, 2010, to permit its Washington, D.C. and Ellenwood, Georgia earth stations, Call Signs E000158 and E040204 (the “XM Earth Stations”), to communicate with the XM-4 satellite, Call Sign S2616, at 115.25° W.L.<sup>2</sup> XM Radio requires this STA extension pending Commission action on applications to modify the XM Earth Station licenses to reflect the relocation of XM-4 from 115.0° W.L. to 115.25° W.L. and other changes in the deployment of the satellites in XM Radio’s fleet.<sup>3</sup> This STA authorized the XM Earth Stations to communicate with XM-4 for feeder link communications and Telemetry, Tracking and Control. Grant of the STA extension will serve the public interest by permitting XM Radio to maintain continuity of service to customers following a relocation of XM-4 that simplified physical stationkeeping at the nominal 115° W.L. orbital location.

Grant of the requested authority will not adversely affect other authorized communications systems. The S-band frequencies used by XM Radio are not shared with other licensees except for XM Radio’s affiliate Satellite CD Radio. In the X-band frequencies, the XM Earth Stations have been fully coordinated with other spectrum users.

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<sup>1</sup> XM Radio is a wholly-owned subsidiary of Sirius XM Radio Inc. (“Sirius XM”).

<sup>2</sup> See File Nos. SES-STA-20100929-01224 (E000158) & SES-STA-20100929-01225 (E040204), both grant-stamped Oct. 13, 2010. XM Radio relocated XM-4 pursuant to Commission action modifying the XM-4 license to reassign the spacecraft from 115.0° W.L. to 115.25° W.L. See File No. SAT-MOD-20100722-00165, Call Sign S2616, grant-stamped Oct. 14, 2010.

<sup>3</sup> See File Nos. SES-MOD-20101022-01323 (E000158) & SES-MOD-20101022-01324 (E040204). The earth station modifications appeared on public notice as accepted for filing on November 24, 2010.