

Approved by OMB  
3060-0678

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File Number: SAT-STA-20060501-00051

Callsign: **SZ118**

FEDERAL COMMUNICATIONS COMMISSION  
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY

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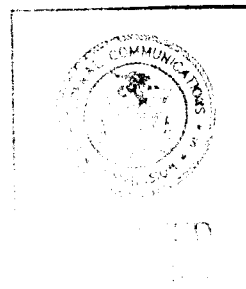
APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:

Request for STA to drift XM-1 to 115.1W; operate at 115.1W; and drift to 85.2W

I. Applicant

<b>Name:</b>	XM Radio Inc.	<b>Phone Number:</b>	202-380-4000
<b>DBA Name:</b>		<b>Fax Number:</b>	202-380-4500
<b>Street:</b>	1500 Eckington Place, NE	<b>E-Mail:</b>	joseph.titlebaum@xmradio.com
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20002 -
<b>Attention:</b>	Joseph Titlebaum		



File # **SAT-STA-20060501-00051**

Call Sign **SZ118** Grant Date **8/15/06**  
(or other identifier)

Commenced Term Dates  
From **of drift** To: **+180 days**

Approved: *[Signature]*  
**Policy Branch Chief**

*w/conditions*

**Attachment**  
**XM Radio Inc.**  
**IBFS File No. SAT-STA-20060501-00051**  
**August 15, 2006**

The request of XM Radio Inc. (XM Radio) for special temporary authority (STA), IBFS File No. SAT-STA-20060501-00051, IS GRANTED for a period of 180 days.<sup>1</sup> Accordingly, XM Radio is authorized to (1) operate the communications and Telemetry, Tracking, and Command (TT&C) payloads of the XM-1 satellite (Call Sign S2118) during and after the drift from 115° W.L. orbital location to 115.1° W.L. orbital location, (2) cease transmission on XM-1 except for TT&C payloads after the traffic is successfully transferred to the XM-4 satellite, and (3) operate TT&C payloads of the XM-1 satellite during the drift from 115.1° W.L. orbital location to 85.2° W.L. orbital location in accordance with the terms, conditions, and technical specifications set forth in its application, this Attachment and the Federal Communications Commission's (Commission) Rules.

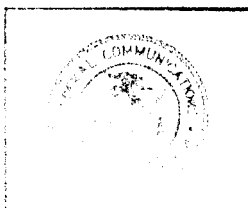
1. XM Radio IS AUTHORIZED to operate XM-1's communications and TT&C payloads during the drift of the satellite from the 115° W.L. orbital location to the 115.1° W.L. orbital location, subject to the following conditions:
  - a) XM Radio shall coordinate all drift orbit communications and TT&C operations with other potentially affected in-orbit operators.
  - b) During relocation of the XM-1 satellite, operations via the XM-1 shall be on a non-harmful interference basis, *i.e.*, XM Radio shall not cause interference to, and shall not claim protection from interference caused to it by, any other lawfully operating satellites.
  - c) In the event that any harmful interference is caused as a result of XM Radio's operations during the relocation of the XM-1 satellite, XM Radio shall cease operations immediately upon notification of such interference and shall inform the Commission in writing immediately of such an event.
2. XM Radio IS AUTHORIZED to operate the XM-1 satellite, including its communications payload, at the 115.1° W.L. orbital location.
3. XM Radio IS AUTHORIZED to conduct XM-1's TT&C communications during the drift of the satellite from 115.1° W.L. orbital location to the 85.2° W.L. orbital location, subject to the following conditions:
  - a) XM Radio shall coordinate all drift orbit TT&C operations with other potentially affected in-orbit operators.
  - b) During relocation of the XM-1 satellite, operations via the XM-1 shall be on a non-harmful interference basis, *i.e.*, XM Radio shall not cause interference to, and shall not claim protection from interference caused to it by, any other lawfully operating satellites.
  - c) In the event that any harmful interference is caused as a result of XM Radio's operations during the relocation of the XM-1 satellite, XM Radio shall cease operations immediately upon notification of such interference and shall inform the Commission in writing immediately of such an event.

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<sup>1</sup> This request was placed on public notice on June 9, 2006 (Report No. SPB-00368). No comments were filed in response to this public notice.

**Attachment**  
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4. XM Radio shall complete all operations authorized under this grant of special temporary authority within 180 days of the commencement of the drift of the XM-1 satellite to the 115.1° W.L. orbital location. XM Radio shall provide written notice of the start of this 180-day time period by sending a letter to the Chief, Satellite Division, International Bureau, Federal Communications Commission within 10 days of the commencement of drift of the XM-1 satellite to the 115.1° W.L. orbital location.
5. This grant 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.
6. XM Radio is afforded thirty days from the date of release of this action to decline this special temporary authorization as conditioned. Failure to respond within this period will constitute formal acceptance of the special temporary authorization as conditioned.



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Call Sign SZ118 Grant Date 8/15/06  
(or other identifier)

Term Dates +  
commencement of drift To: 180 days

w/conditions   
Policy Branch Chief