

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
STA to add 4.5 m Ku-band antenna to E070218

1. Applicant

Name:	MTN License Corp.	Phone Number:	206-838-7700
DBA Name:		Fax Number:	206-838-7708
Street:	719 2nd Avenue Suite 820	E-Mail:	ithompson@mtnsat.com
City:	Seattle	State:	WA
Country:	USA	Zipcode:	98104 -
Attention:	Mr Ian Thompson		

with conditions



File # SES-STA-20101012-01277
Call Sign E070218 Grant Date 10/15/2010
(or other identifier)
Term Dates
From 10/15/2010 To: 12/15/2010
Approved: *[Signature]*

Attachment


SES-STA-20101012-01277
E070218

Condition:

All operations shall be on an unprotected and non-harmful interference basis, i.e., MTN License Corp. shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference.

With Condition



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Approved: 

2. Contact

Name:	Stephen Baruch/Philip Bonomo	Phone Number:	202-429-8970
Company:	Lerman Senter PLLC	Fax Number:	202-293-7783
Street:	2000 K Street, NW	E-Mail:	sbaruch@lermansenter.com/pbonomo@lermansenter.com
	Suite 600		
City:	Washington	State:	DC
Country:	USA	Zipcode:	-
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

10/15/2010

7. CityHolmdel	8. Latitude (dd mm ss.s h) 40 23 41.5 N
9. State NJ	10. Longitude (dd mm ss.s h) 74 10 25.5 W
11. Please supply any need attachments. Attachment 1: Attachment A Attachment 2: RF Showing 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; margin: 10px 0;">See Attachment A.</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. <input checked="" type="radio"/> Yes <input type="radio"/> No	
14. Name of Person Signing Robert Hanson	15. Title of Person Signing Vice President
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).	

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THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.

Description of Request for Special Temporary Authority

MTN License Corp. ("MTN") requests special temporary authority for up to 60 days to operate a new earth station antenna under the Ku-band earth station authorized to MTN under Call Sign E070218 in Holmdel, New Jersey. MTN requests STA commencing on October 15, 2010, in order to meet the requirements of a U.S. Government customer that has come to MTN with a request for immediate service. This request for STA is preparatory to an application that MTN is currently preparing to modify Call Sign E070218 to add the new earth station antenna on a permanent basis.

In support of its STA request, MTN provides the following technical specifications for the proposed earth station:

Quantity:	1
Manufacturer:	Andrew
Antenna Model:	ES45MPJ-1
Antenna Size:	4.5 m
Antenna Diameter:	4.5 m (major)/4.5 m (minor)
HAGL:	3.5 m
HASL:	112.2 m
Building Height AGL:	--
Max. Antenna Height at Rooftop:	--
Total Input Power at Antenna Flange:	176.99 Watts
Total EIRP per Carrier:	74.48 dBW
Transmit Gain:	52.0 dBi @ 14.25 GHz
Receive Gain:	53.9 dBi @ 11.95 GHz
Frequency Bands:	11700-12200 MHz 14000-14500 MHz
Antenna Polarization:	Horizontal and Vertical
Max. EIRP per Carrier:	74.48 dBW
Max. EIRP Density per Carrier:	34.43 dBW/4KHz
Emission Designator:	40M5G7W

The proposed earth station will communicate exclusively with space stations on the Permitted Space Station List, and will comply with the antenna gain patterns specified in Section 25.209(a) and (b) of the Commission's rules as demonstrated by the antenna

Attachment A

MTN License Corp.
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manufacturer's qualification measurement. Operations of the proposed earth station also will comply with the radiofrequency radiation exposure limits under Section 1.1310 of the Commission's rules. See attached FCC RF Hazard Compliance Analysis. The antenna that is the subject of this application is exempt from notification to the Federal Aviation Administration because the antenna is located in an area with structures of a permanent and substantial character that are taller than the antenna itself. See 47 C.F.R. § 17.14(a).

Grant of the instant STA request will serve the public interest by allowing MTN to begin immediate service to an important U.S. Government customer. The Government's request for service beginning on October 15, 2010 using a 4.5 meter antenna that MTN will install for the customer was unforeseen. Temporary authority under the instant STA is required because the MTN request for permanent authority, which will be filed with the Commission as soon as it is completed, cannot be acted upon by the required service commencement date.

In summary, and on the basis of the information provided above, MTN respectfully requests, for a period of 60 days commencing on October 15, 2010 and in advance of a forthcoming request for permanent authority, special temporary authority to operate a new 4.5 meter earth station antenna under Call Sign E070218 for the benefit of a U.S. Government customer with urgent service requirements.