## APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATIONEnter a description of this application to identify it on the main menu: VSAT Antenna – Use alternate manufacturers' equivalent antennas

Name:	Mainstream Data, Inc.	Phone Number:	801-584-2800
DBA Name	:	Fax Number:	801-584-2831
Street:	375 Chipeta Way	E-Mail:	mrasmussen@mainstreamdata. com
	Suite B		
City:	Salt Lake City	State:	UT
Country:	USA	Zipcode:	84108 –
Attention:	Mr Mitchell J Rasmussen		

2. Contact								
	Name:	Robert Chamberlin	Phone Nur	nber:	410 573 4700			
	Company:	Lightspeed Communications, Inc.	Fax Numb	er:	410 573 4879			
	Street:	1921 Generals Hwy.	E–Mail:		bcham@LightspeedComm.com			
	City:	Annapolis	State:		MD			
	<b>Country:</b>	USA	Zipcode:		21401 -6718			
	Contact	Engineer	Relationsh	ip:	Engineer			
	Title:							
3. Referen	3. Reference File Number SESMOD2002121202213							
<ul><li>4a. Is a fee submitted with this application?</li><li>If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R.Section 1.1114).</li></ul>								
• Governmental Entity • Noncommercial educational licensee								
• Other(please explain):								
4b. Fee Classification CGV – Fixed Satellite VSAT System								
-								
J. Type K	5. Type Request							
O Use Prior to Grant O Change Station Location O Other								
6. Request	ted Use Prior I	Date						
7. CityCO	5			8. Latitude				
			(	dd mm ss.s h)  0  0	0.0			

9. State		10. Longitude (dd mm ss.s h) 0 0 0.0					
11. Please supply any need attachme	nts.						
Attachment 1:	Attachment 2:	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.)							
The Licensee requests emergency Special Temporary Authority to substitute equivalent brands of antennas for those currently licensed, due to delivery problems with the current supplier. The proposed antennas are fully compliant with the requirements of FCC 25.209. Frequency, Emission, Power, and Power Densities are as licensed for 1.2 and 1.8 M antennas							
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.							
14. Name of Person Signing Robert L Chamberlin		15. Title of Person Signing Engineer (Lightspeed Communications, Inc)					
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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## **12. Description**

The Licensee requests emergency Special Temporary Authority to substitute equivalent brands of antennas for those currently licensed, due to delivery problems with the current supplier. The proposed antennas are fully compliant with the requirements of FCC 25.209. Frequency, Emission, Power, and Power Densities are as licensed for 1.2 and 1.8 M antennas and shall not be exceeded. The proposed replacement antennas for Antenna ID 'REM 1.2' are Prodelin 1.2 M model 1134TX and Channel Master 1.2 M model 123TX. Antenna ID 'REM 1.8' replaced by Prodelin 1.8 M model 1184, and Channel Master 1.8 M model 180TX. The licensee has installed approximately 600 antennas and desperately needs to continue. A modification to the license is in process, therefore this STA is requested until the license modification is completed and granted or approximately 120 days.