

REQUEST FOR SPECIAL TEMPORARY AUTHORITY
(CALL SIGN E060351)

Introduction

Pursuant to Section 25.120 of the Commission's rules, Telesat Network Services, Inc. ("Telesat") hereby requests Special Temporary Authority ("STA"), beginning on or before July 3, 2012, to operate its earth station hub, licensed under Call Sign E060351, in the manner described herein for a period of 30 days. Telesat has pending an application to modify its license for E060351,¹ which modification it submitted based on recent developments. Telesat seeks authority in this STA request to implement on an interim basis the changes proposed in its modification application.

In particular, Telesat has imminent need for authority to: (1) add MSAT-1 and MSAT-2 as points of communication; and (2) operate the 4.6-m hub antenna on two additional frequencies, which are in the standard Ku-band band, using the 700KF9D transmit carrier and 138KGXD receive carrier. For reasons stated below, Telesat's STA request is support by good cause.

¹ Submitted Jun. 20, 2012 (no file number issued yet).

Discussion

Adding MSAT-1 and MSAT-2 as Points of Communication/Adding Two Standard Ku-band Frequencies and TT&C Carriers

Telesat's U.S. teleport operations group was recently informed that it would be assuming back-up TT&C duty for LightSquared's MSAT-1 and MSAT-2 satellites, at 103.3° W.L. and 106.5° W.L., respectively. The satellites are currently controlled from a Canadian-licensed facility, but the lease for that facility has been terminated with an effective date of July 9, 2012. In anticipation of the need to shift TT&C operations, LightSquared recently engaged Telesat to provide back-up TT&C to these satellites at Telesat's Mt. Jackson hub, which duty will commence by July 9.² Telesat is respectfully requesting STA on or before July 3, to provide it with just under a week to coordinate and implement the transition of the TT&C operations from the facility in Canada to Telesat's facility. Facilitating continuity of TT&C operations is unquestionably in the public interest.

² In order to enhance control over MSAT-1 and MSAT-2, Telesat has been engaged to provide back-up TT&C service from two separate antennas, with one antenna primarily dedicated to each satellite. To ensure the fullest possible use of its resources, Telesat is seeking authority to add both satellites as a point of communication to each of the two antennas. Doing so will also permit Telesat to use either antenna for "ranging" operations, wherein it is able to track both or either satellite from either antenna. Telesat has prepared and is submitting concurrently herewith a second application and matching STA request seeking appropriate authority for the second antenna (Call Sign KA399).

Telesat's earth station authorization currently lacks authority for MSAT-1,³ licensed by Canada, and MSAT-2, licensed by the United States, as points of communication. Accordingly, Telesat requests authority under its STA to add both satellites as points of communication.

Furthermore, Telesat's earth station is not authorized to operate on the two frequencies (14000.5 MHz and 14499.5 MHz) on the 700KF9D transmit carrier and 138KGXD receive carrier that are used by MSAT-1 and MSAT-2 for TT&C. Telesat is requesting authority for these additional frequencies on those carriers in its modification application, and seeks authority herein to implement these changes on an interim basis.

Conclusion

Accordingly, and for good cause shown, Telesat respectfully requests that its STA request be granted.

³ MSAT-1 is foreign satellite authorized by Industry Canada. Telesat does not contemplate herein to communicate with MSAT-1 except to provide TT&C services and to perform satellite ranging. Furthermore, the information normally required under 47 C.F.R. § 25.137 and in response to Question 42 of the Main Form of FCC Form 312 for foreign-licensed satellites has already been provided to and approved by the Commission in prior applications, and Telesat hereby incorporates that information by reference. *See, e.g., Applications of SatCOM Systems, Inc., et al.*, 14 FCC Rcd 20798 (1999); *see also In the Matter of Motient Services Inc. and TMI Communications and Company, LP, Assignors, and Mobile Satellite Ventures Subsidiary LLC, Assignee*, 16 FCC Rcd 20469 (2001); *In the Matter of Motient Corporation and Subsidiaries, Transferors, and SkyTerra Communications, Inc., Transferee*, 21 FCC Rcd 10198 (2006).