

REQUEST FOR EXTENSION OF SPECIAL TEMPORARY AUTHORITY

Telesat Network Services, Inc. (“Telesat”), pursuant to Section 25.120 of the Commission’s rules, hereby requests extension of Special Temporary Authority (“STA”) to continue to operate a temporary-fixed 4.6-m antenna at its Mt. Jackson, VA teleport in the manner described herein. Telesat respectfully requests that its STA extension begin on April 1, 2016, and have a term of thirty (60) days, consistent with 47 C.F.R. 25.120(b)(2) of the Commission’s rules.¹

As stated in its original request, STA is sought to permit testing of facilities that will communicate with the Telstar 12 Vantage (“Telstar 12V”) satellite. The T12V satellite was launched on November 24, 2015. The Commission has authorized Skynet Satellite Corporation, a Telesat affiliate, to operate the Telstar 12V satellite at 15°W.L.²

Since the launch of Telstar 12V, Telesat has been actively working to transition services from the Telstar 12 satellite and to commence new services, including those planned for communication with a recently authorized 9.4-m antenna in the Ka-band.³ Owing to unforeseen delays in the installation and commissioning of that 9.4-m antenna, Telesat is required to utilize a temporary-fixed 4.6-m antenna to commence critical testing that would otherwise have been conducted using the primary 9.4-m antenna.

Specifically, the antenna will test a bidirectional link between Mt. Jackson and a ship-mounted earth station off the coast of Brazil. The testing over the link with Brazil is critical to verify whether Telesat can transition certain services from Telstar 12 to Telstar 12V while minimizing outage time.

The subject 4.6-m antenna will be located within a secured perimeter at the Mt. Jackson teleport to which only authorized employees would have access.

Telesat is incorporating by reference from its initial STA request a radiation hazard report, a Frequency Coordination Report demonstrating that coordination has been successfully completed with terrestrial operators in the 28 GHz band, and a completed Schedule B in which it furnished the technical details that relate to the proposed operations.

¹ Telesat notes that it has filed an initial STA request to commence cooperation of the subject facility for 30 days. (See FCC File No. SES-STA-20160219-00155.) Telesat anticipates that it will require a period through May 30, 2016 to complete the subject testing and to make the appropriate network calibrations, and is thus submitting two requests to enable operations through that date. Telesat has no plans to license the 4.6-m antenna on a permanent basis.

² Call Sign S2933 (FCC File No. SAT-LOA-20141010-00107).

³ Call Sign E150128 (FCC File Nos. SES-LIC-20151014-00689 and SES-AMD-20151209-00922), granted Jan. 11, 2016.

Grant of this extension application will serve the public interest, convenience, and necessity by allowing Telesat to test and calibrate its ground network system to support a newly launched satellite. Accordingly, and for good cause shown, Telesat respectfully requests that its extension STA be granted.