

CONCERNING THE APPLICATION

Applicant holds a letter of intent authorization to operate a 2 GHz satellite known as TerreStar-1.¹ Applicant has applied for a license to operate a gateway earth station, consisting of two fixed satellite service (“FSS”) antennas to be located in North Las Vegas, Nevada, that will communicate with TerreStar-1 using feeder link frequencies.²

In this filing, Applicant seeks authority to operate its two gateway antennas, in accordance with the parameters specified herein, in order to test their performance prior to the launch of TerreStar-1. During these operations, the antennas will be pointed at 111.0° W.L., which will be the orbital location for TerreStar-1 after it is launched.

Because Applicant requires only 30 days in which to test its antennas, Special Temporary Authority (“STA”) is most appropriate for this purpose. A test period of September 2, 2008 - October 2, 2008, has been selected to accommodate the schedules of multiple vendors that will participate in the testing.

The 12.75-13 GHz band for which Applicant is seeking STA is shared between the FSS and terrestrial services. Applicant’s proposed operations provide appropriate protection to all relevant parties.

First, in its application for a gateway earth station license, which is cited above and is incorporated by reference, Applicant provided copies of coordination reports from Comsearch evidencing coordination with the operators of terrestrial stations in the band.

Second, for purposes of the tests proposed in this STA request, Applicant will in some cases operate with power levels exceeding the power levels that already had been coordinated in connection with Applicant’s gateway earth station application. Accordingly, Applicant has coordinated the higher-power test operations with the operators of terrestrial stations in the band. Copies of the Comsearch reports evidencing this coordination are included with this STA request.

¹ See Order, DA 07-2028 (Int’l Bur., May 10, 2007); *TMI Communications and Company, Limited Partnership*, Order, 16 FCC Rcd 13808 (Int’l Bur. 2001); *TMI Communications and Company, Limited Partnership, and TerreStar Networks, Inc. Application for Review and Request for Stay*, Memorandum Opinion and Order, 19 FCC Rcd 12603 (2004).

² See File Nos. SES-LIC-20070530-00732 and SES-AMD-20071130-01642.

Finally, TerreStar has provided Mobile Satellite Ventures (Canada) Inc. ("MSV"), which transmits in the adjacent 13.0 to 13.25 GHz band from its earth station to a satellite assigned to the 106.5° W.L. orbital position, an advance copy of this request for STA. Applicant and MSV have agreed in principle that the technical parameters specified herein should limit the potential for spurious emissions into the adjacent 13.0 to 13.25 GHz band licensed to MSV. As an added precaution, TerreStar has agreed to notify MSV when it is ready to transmit in the 12.75 to 13.0 GHz band so MSV can monitor the transmission near the 13 GHz band edge in the unlikely event spurious emissions or any interference are detected. MSV is the only satellite operator using the band covered by this filing or the adjacent 13.0 to 13.25 GHz band to communicate with an operating satellite located in the vicinity of 111.0° W.L.