



June 30, 2011

Via Electronic Filing (IBFS)

Ms. Mindel De La Torre
Bureau Chief
International Bureau
Federal Communications Commission
445 12th Street, SW
Washington, DC 20054

2011 ANNUAL REPORT

**RE: LightSquared Subsidiary LLC
Annual Status Report
Call Signs AMSC-1 and S2358**

Dear Ms. De La Torre:

Pursuant to Section 25.210(l) of the Commission's Rules, LightSquared Subsidiary LLC (formerly SkyTerra Subsidiary LLC) hereby submits its annual status report for its licensed L-band/Appendix 30B Ku-band satellites.¹ Please contact the undersigned with any questions regarding this matter.

Very truly yours,

/s/

Jeffrey J. Carlisle
Executive Vice President, Regulatory Affairs & Public Policy

cc: Columbia Operations Center, FCC

¹ In August 2004, the Commission decided that L-band Mobile Satellite Service operators are required to submit by June 30th the annual report mandated by Section 25.210(l) of the Commission's rules applicable to Fixed Satellite Service satellites. See *Revision of the Commission's Rules to Ensure Compatibility With Enhanced 911 Emergency Calling Systems, Second Report and Order*, 19 FCC Rcd 16964, n.43 (2004).

LightSquared Subsidiary LLC
Annual Status Report
June 1, 2010 to May 31, 2011

Part I: Status of satellite construction and anticipated launch dates.

AMSC-1. LightSquared Subsidiary LLC (“LightSquared”) was licensed by the Commission in 1989 to construct, launch, and operate a satellite to provide Mobile Satellite Service (“MSS”) using L-band frequencies for service links and Appendix 30B Ku-band frequencies for feeder links.² SkyTerra launched its satellite, AMSC-1, into orbit at the nominal 101°W orbital location in 1995 and began offering service in 1996.

SkyTerra 1 (Call Sign S2358). LightSquared was licensed by the Commission in May 2005 to launch and operate a next-generation MSS satellite (SkyTerra 1) to replace AMSC-1, using L-band frequencies for service links and Appendix 30B Ku-band frequencies for feeder links.³ The satellite was launched on November 14, 2010, and the Commission has determined that LightSquared has met all of the license milestones for SkyTerra 1.⁴

Part II: Non-scheduled transponder outages for more than thirty minutes.

AMSC-1. There have been no non-scheduled transponder outages for more than thirty minutes.

SkyTerra 1. The requested information is inapplicable. The satellite is currently being tested and is not providing any service.

Part III: Transponder utilization.

AMSC-1. LightSquared’s Appendix 30B Ku-band feeder link frequencies on AMSC-1 are used to connect the terrestrial network, such as the public switched telephone/data network, to the satellite, and these transmissions are translated to the L band for communications to and from the MSS terminals. The satellite continues to utilize its Ku-L transponder capability 100% of the time.

SkyTerra 1. The requested information is inapplicable. The satellite is currently being tested and is not providing any service.

Part IV: Transponders not available for service or not performing to specifications.

AMSC-1. There have been no changes to the transponder performance or availability over the past year.

SkyTerra 1. The satellite is currently being tested and is not providing service. Based on test results, all transponders would be available for service and would perform to specifications.

² See *Order and Authorization*, 4 FCC Rcd 6041 (1989); *remanded by Aeronautical Radio, Inc. v. FCC*, 928 F.2d 428 (D.C. Cir. 1991); *Final Decision on Remand*, 7 FCC Rcd 266 (1992); *aff’d, Aeronautical Radio, Inc. v. FCC*, 983 F.2d 275 (D.C. Cir. 1993); see also *AMSC Subsidiary Corporation, Memorandum Opinion and Order*, 8 FCC Rcd 4040 (1993).

³ See *Order and Authorization*, DA 05-1492 (May 23, 2005).

⁴ See, e.g., Public Notice, Report No. SAT-00759 (February 18, 2011).