



November 21, 2012

FILED/ACCEPTED

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Federal Communications Commission
Office of the Secretary

Marlene H. Dortch
Secretary
Federal Communications Commission
Office of the Secretary
445 12th Street SW
Washington, DC 20554

Re: IB Docket No. 08-184 and IBFS File No. SAT-MOD-20111118-00239

Dear Ms Dortch:

LightSquared Subsidiary LLC ("LightSquared")¹ hereby submits this combined semi-annual report pursuant to the *Memorandum Opinion and Order and Declaratory Ruling* adopted by the Commission on March 26, 2010 in IB Docket No. 08-184 (the "MO&O"), and quarterly report pursuant to the *Order and Authorization* adopted by the Commission on January 26, 2011 in IBFS File No. SAT-MOD-20111118-00239 (the "O&A") (collectively, the "Orders"). By separate letter, LightSquared requests confidential treatment of this report.

On February 15, 2012, the Commission released a Public Notice seeking comment on the letter sent to it on February 14, 2012 by the National Telecommunications and Information Administration's (NTIA).² The Public Notice addressed certain issues related to the potential incompatibility of GPS receivers with LightSquared's planned operations, and recommended vacating the Commission's *Conditional Waiver Order* and modifying LightSquared's satellite license to suspend indefinitely its ATC authority. The *Conditional Waiver Order* itself provides that LightSquared and members of the GPS industry must resolve certain outstanding issues "before LightSquared commences offering commercial service pursuant to [the waiver granted in the *Conditional Waiver Order*] on its L-band MSS frequencies."³ In light of the Commission's Public Notice and the unresolved condition in the *Conditional Waiver Order*, LightSquared is not yet providing commercial service using its ATC authority.

¹ See Letter from Jeffrey J. Carlisle, Executive Vice President, LightSquared GP Inc., to Marlene H. Dortch, Secretary, FCC (July 20, 2010) (notifying the Commission of the corporate name changes affecting various SkyTerra-named entities).

² See *Public Notice: International Bureau Invites Comment on NTIA Letter Regarding LightSquared Conditional Waiver*, IB Docket No. 11-109, DA 12-214 (Feb. 15, 2012).

³ *LightSquared Subsidiary LLC*, 26 FCC Rcd 566, at ¶ 41 (2011).



LightSquared remains committed to working cooperatively with Congress, federal government agencies, and the GPS industry to address the concerns raised by the GPS industry and others.

Beginning in September of 2012, LightSquared made a series of filings with the Commission addressing the build-out conditions specified in the *MO&O* and proposing solutions that would allow the company to deploy terrestrial broadband service in a way that is compatible with legacy GPS receivers. These filings have been accepted by the Commission and all have been placed on public notice for comment.⁴

SITE DEVELOPMENT

As a result of the Commission’s Public Notice of February 15, 2012, LightSquared has not undertaken any significant site development activity during this reporting period. LightSquared has focused its efforts on resolving the underlying spectrum and deployment issues identified by the Commission through the series of filings referenced above.

DEVICE MANUFACTURERS

Qualcomm Incorporated is integrating L-Band LTE technology in its mainstream chipset roadmap and has developed an advanced satellite air interface technology to enable the satellite mode of operation in mobile devices. [REDACTED]

SATELLITE

[REDACTED]

⁴ *Public Notice, Federal Communications Commission Invites Comment on LightSquared Request for Relief from Build-Out Conditions*, DA 12-1604 (rel. Oct. 10, 2012); *Public Notice, Consumer & Governmental Affairs Bureau Reference Information Center Petition for Rulemaking Filed*, RM No. 11681 (rel. Nov 9, 2012); *Public Notice, Federal Communications Commission Invites Comment on LightSquared Request to Modify Its ATC Authorization*, DA 12-863 (rel. Nov. 16, 2012); *Public Notice, Consumer & Governmental Affairs Bureau Reference Information Center Petition for Rulemaking Filed*, RM No. 11683 (rel. Nov 16, 2012).

PARTICULAR REPORTING REQUIREMENTS

1. Pursuant to reporting requirement III.A of the O&A, LightSquared reports that as of September 30, 2012, there were [REDACTED] terminals and approximately [REDACTED] active private network customers on its MSS-only network. LightSquared is capable of providing only an estimate of the latter figure because LightSquared does not have direct access to the subscriber counts of its wholesale customers. As noted above, LightSquared is not yet providing commercial MSS/ATC or terrestrial-only services. Accordingly, the number of reportable active terminals and active users on its network in these categories is zero. As the terrestrial network is not yet in commercial service, the number of reportable total bytes carried by LightSquared's terrestrial network also is zero (see Condition 3 to the MO&O).
2. Pursuant to reporting requirement III.B of the O&A, LightSquared provides the following list of components available from mainstream component suppliers to support L-band dual mode operations:

RF Components:

[REDACTED]

Sincerely,



Jeffrey J. Carlisle
Executive Vice President
Regulatory Affairs and Public Policy

Cc: Sean Lev
Ruth Milkman
John Leibovitz
Mindel De La Torre
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