



April 27, 2012

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

FILED/ACCEPTED

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Federal Communications Commission
Office of the Secretary

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, 2012 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.

SITE DEVELOPMENT

On March 16, 2012, LightSquared announced that, due to regulatory delays, Sprint had terminated its contractual relationship with LightSquared, which had entailed a 15-year agreement that included spectrum hosting and network services as well as 4G wholesale and 3G roaming services. Under the Sprint agreement, LightSquared would have been co-located on Sprint sites.

On April 20, 2012, LightSquared announced that it had reached agreement with Inmarsat to amend the Cooperation Agreement between the two companies. The amended agreement provides LightSquared additional time and flexibility to use its spectrum to deploy a terrestrial 4G wireless network once all regulatory authorizations have been secured.

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]

[REDACTED]

PARTICULAR REPORTING REQUIREMENTS

1. Pursuant to reporting requirement III.A of the O&A, LightSquared reports that as of March 31, 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:



Sincerely,

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

Cc: Austin Schlick
Rick Kaplan
John Leibovitz
Mindel De La Torre
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