Before the 
FEDERAL COMMUNICATIONS COMMISSION 
Washington, DC 20554 

In the Matter of )
Light Squared Subsidiary LLC ) SAT-MOD-20101118-00239 )
Request for Modification of Authority )
For an Ancillary Terrestrial Component )

REPLY COMMENTS OF GLOBALSTAR, INC.

Globalstar, Inc. ("Globalstar") hereby urges the Commission to affirm the International Bureau’s ("Bureau’s") order granting LightSquared a waiver of the Federal Communications Commission’s ("Commission’s") integrated services requirement,¹ and to deny the Applications for Review filed in the above-captioned proceeding.² As LightSquared describes in its Consolidated Opposition, the legal and policy grounds for the Bureau’s decision were sound.³

¹ LightSquared LLC Request for Modification of Authority for an Ancillary Terrestrial Component, Order and Authorization, 26 FCC Red 566 (2011) ("LightSquared Order"). See also Application of LightSquared for Modification of its MSS ATC Authority, SAT-MOD-20101118-00239 (Nov. 18, 2010) ("LightSquared ATC Modification Request").

² See, e.g., U.S. GPS Industry Council, et al., Application for Review, SAT-MOD-20101118-00239 (Feb. 25, 2011) ("U.S. GPS Industry Council"); Application for Review of the General Aviation Manufacturers Association (Feb. 25, 2011) ("GAMA Application for Review"). In its Consolidated Opposition, LightSquared asserts that the parties’ applications for review all include new factual and legal arguments, and that these filings should therefore be treated as petitions for reconsideration and considered at the Bureau level. Consolidated Opposition of LightSquared Subsidiary LLC, SAT-MOD-20101118-00239, at 9-10 (March 14, 2011) ("LightSquared Opposition"). In addition, rather than submit an application for review, Deere & Company filed a Petition for Reconsideration requesting that the International Bureau itself reexamine the terms of the LightSquared Order. Deere & Company Petition for Reconsideration, SAT-MOD-20101118-00239 (Feb. 25, 2011). To the extent that it is the Bureau rather than the Commission ruling on these challenges, Globalstar urges the Bureau to uphold the LightSquared Order.

³ See LightSquared Opposition at 13-20. A coalition of public interest organizations also opposed the various challenges to the LightSquared Order. Consolidated Opposition to Applications for Review and Petition for Reconsideration, New America Foundation, Media
By expeditiously upholding this order, the Commission will provide much needed certainty to the market place and ensure that, going forward, the Bureau can issue analogous waivers to other mobile satellite service ("MSS") licensees in order to address the nation’s critical need for additional mobile broadband spectrum.

Globalstar agrees with LightSquared that the Bureau’s basis for waiving the Commission’s integrated services requirement was reasonable. The Bureau has found that LightSquared is providing and will continue to provide substantial satellite service. LightSquared has also made numerous commitments to develop its terrestrial facilities and to integrate, both technically and economically, the MSS and terrestrial services provided over its combined network. Accordingly, the underlying purpose of the Commission’s integrated service rule is furthered by the Bureau’s grant of the waiver conditions.

The Bureau’s approach to addressing GPS interference issues was also appropriate. As LightSquared points out, these issues have been known for years. Under the Bureau’s decision, LightSquared will be unable to initiate commercial service pursuant to the waiver until it completes the GPS Working Group process to the Commission’s satisfaction. Globalstar expects that before signing off on the Working Group’s report and permitting LightSquared to commence terrestrial operations, the Bureau will require clear evidence that GPS operations are unlikely to suffer harmful interference. This approach provides GPS systems with sufficient


LightSquared Order ¶ 29.

Id. ¶¶ 35-36.

LightSquared Opposition at 16-18.

LightSquared Order ¶ 41.
protection. In addition, contrary to the claims of some of LightSquared’s opponents, the Working Group process will be open, transparent, and fair. The group is co-chaired by representatives of LightSquared and the U.S. GPS Industry Council, and the membership of the Technical Working Group includes numerous representatives from the GPS community.  

The Bureau’s grant of a waiver to LightSquared will promote greater terrestrial use of MSS spectrum, a result that is essential to satisfying the nation’s urgent need for additional spectrum for mobile broadband. As Globalstar has pointed out previously, authorizing increased terrestrial flexibility is one of the few means readily available to the Commission to help resolve the nation’s spectrum shortage. Significantly, the Bureau’s commitment to that goal should not end with the LightSquared Order. In the future, when an MSS operator providing substantial satellite service submits an analogous request for waiver (one that is specific to the operator’s own circumstances), the Bureau should expeditiously and even-handedly grant similar flexibility to that licensee. In particular, Globalstar should be able to obtain similar terrestrial flexibility through a similar request for waiver of the integrated services rule. The Commission is obligated to provide similar regulatory treatment to similarly-situated entities under its jurisdiction.

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9 See, e.g., GAMA Application for Review at 6-8.
11 LightSquared Order ¶ 29.
12 See, e.g., Comments of Globalstar, Inc., ET Docket No. 10-142, at 7-9 (Sep. 15, 2010).
13 See Reply Comments of Globalstar, Inc., SAT-MOD-20101118-00239, at 6-7 (Dec. 9, 2010) (“Globalstar Reply Comments”). Having invested more than $5 billion toward the development of its global MSS network, Globalstar is making full, intensive use of its Big LEO MSS spectrum. Today, Globalstar uses its global non-geostationary (“NGSO”) MSS constellation to provide affordable, high-quality mobile satellite voice and data services to over 400,000 customers in 120 countries. In recent years, Globalstar has focused on the development of affordable, consumer-oriented devices and services, most notably offering an innovative MSS
Thus, the Commission should affirm the Bureau’s *LightSquared Order* and make clear that the Bureau should accord fair, even-handed treatment to similar waiver requests from other MSS licensees. Such action will further broadband development in the United States and promote the full, intensive use of the MSS spectrum.

Respectfully submitted,

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March 29, 2011

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device – the SPOT Satellite GPS Messenger (“SPOT”) – that plays a critical role in the provision of emergency and safety-of-life services to individual consumers beyond terrestrial wireless reach. In addition, Globalstar expects to become the first global LEO MSS voice and data company to have launched a state-of-the-art, second-generation MSS system, one that is expected to support reliable and effective voice and data services at least until 2025. With this second-generation MSS constellation in place, Globalstar will provide substantial satellite service under any reasonable definition and should be granted all available terrestrial flexibility in its Big LEO MSS spectrum.

CERTIFICATE OF SERVICE

I, Erica A. Carrales, hereby certify that on this 29th day of March 2011, a copy of the foregoing Reply Comments of Globalstar, Inc. was sent via U.S. Mail, postage paid, to the following:

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