

TB Docket 11-109

151 Black Bear Ln
State College, PA 16803

August 26, 2011

Federal Communication Commission
Washington, DC

FILED/ACCEPTED

SEP 22 2011

Federal Communications Commission
Office of the Secretary

Dear Mr. Chairman:

As a working member of the Land Surveying profession, and as a licensed amateur radio operator, I have grave concerns with regard to recent actions taken by the commission regarding potential interference to radio spectrum allocations that have been and continue to be used by weak signal space based systems, namely Global Navigation Satellite Systems, GNSS.

The FCC must make clear, and the NTIA must ensure, that LightSquared's license modification is contingent on the outcome of the mandated study unequivocally demonstrating that there is no interference to GPS. The study must be comprehensive, objective, and based on correct assumptions about existing GPS uses rather than theoretical possibilities. Given the substantial pre-existing investment in GPS systems and infrastructure, and the critical nature of GPS applications, the results of studies must conclusively demonstrate that there is no risk of interference. If there is conflicting evidence, doubts must be resolved against the LightSquared terrestrial system. The views of LightSquared, as an interested party, are entitled to no special weight in this process.

The FCC should make clear that LightSquared and its investors are proceeding at their own risk in advance of the FCC's assessment of the working group's analysis. While this is the FCC's established policy, the Commission's International Bureau failed to make this explicit in its order.

Resolution of interference has to be the obligation of LightSquared, not the extensive GPS user community of millions of citizens. LightSquared must bear the costs of preventing interference emanating from their devices, and if there is no way to prevent interference, it should not be permitted to operate. GPS users or providers should not have to bear any of the consequences of LightSquared's actions.

Thank you for your prompt and diligent attention to this matter.

Sincerely,

Robert P Stenerson, SIT
KR3ORY

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Federal Communications Commission
Office of the Secretary

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To Whom This May Concern at the Federal Communications Commission,

I am a U.S. citizen writing out of concern with the decision by Light Squared to build a terrestrial network using the MSS band. From what I've heard about their plans this network is supposed to help first responders communicate. I support providing our nation's first responders with a robust broadband and mobile broadband network enabling wireless communication. However, having researched the issue I am concerned about the signal interference claims with GPS systems. I encourage a thorough investigation and review of the proposal by Light Squared making sure it does not severely interfere with GPS and make a decision on whether to allow or disallow this network build-out based on the facts. If merited allow them to build it but ensure it does not severely hamper GPS systems. If it hampers GPS deny the request by Light Squared and ask them if they still want to build to submit an alternative plan using another band that won't interfere with GPS or any other technology if possible.

Thank you for taking my views into consideration!

Sincerely,

Mr. Maneesh Pangasa

3562 South 18th Avenue

Yuma AZ 85365

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From: myIBFS
Sent: Monday, September 19, 2011 5:43 PM
To: Jerry.Ma@fcc.gov; Gerald Mays; Sarita Kale; Siva Appavu; Andrea Kelly; Stephen Duall; Kathryn Medley; CurTrisha Banks; Stephanie.Shieh@fcc.gov; Kathleen Campbell
Subject: Pleadings and Comments Notification from MyIBFS

Type of Pleading: LETTER

Date filed: 09/19/2011

Filer Information:
William Van Order
Individual GPS User

Contact Information:

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SEP 22 2011
Federal Communications Commission
Office of the Secretary

Proceedings List

File Number	Callsign	Applicant
SATMOD2010111800239	S2358	LightSquared Subsidiary LLC

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LIST ABCDE

Sept 19, 2011

To the FCC

As a frequent user of GPS technology I am very concerned about the LightSquared proposal (SAT-MOD-20101118-00239) and its possible negative impact on the GPS frequency bands, its impacts to GPS availability and other possible safety and national security issues. I believe that there are alternative proposals that would permit LightSquared to co-exist in other frequency areas that would pose no negative impact to the GPS service as demonstrated during independent testing commissioned by the FCC.

Please consider the negative impacts to the US national security, safety and economic impacts to the transportation industry when contemplating the LightSquared proposal and the statements of other concerned citizens like myself that urge this proposal to be declined.

Sincerely,

William Van Order
11718 Morning Star Drive
Germantown, MD 20876

IB Docket 11-109

From: myIBFS
Sent: Sunday, September 18, 2011 12:46 PM
To: Jerry.Ma@fcc.gov; Gerald Mays; Sarita Kale; Siva Appavu; Andrea Kelly; Stephen Duall; Kathryn Medley; CurTrisha Banks; Stephanie.Shieh@fcc.gov; Kathleen Campbell
Subject: Pleadings and Comments Notification from MyIBFS

Type of Pleading: LETTER

Date filed: 09/18/2011

Filer Information:
Alexander Cox
Exterminating Angel LLC

Contact Information:

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SATMOD2010111800239	S2358	LightSquared Subsidiary LLC

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1892 Colestin Rd
Ashland
OR 97520

Re. LightSquared's requested license modification

Sept 18 2011

Dear FCC

For both business travel purposes and private recreation I rely on GPS. I am also a volunteer firefighter; GPS is crucial to my work as a firefighter and first responder as well.

I am very concerned that LightSquared, a company which has provided financial contributions to President Barak Obama and the Democratic Party, may have been promised by the recipients of those donations a license modification which will impact the proper functioning of GPS.

The FCC must make clear, and the NTIA must ensure, that any such license modification is contingent on the outcome of the mandated study which demonstrates absolutely no interference to GPS.

The FCC must also make clear that LightSquared and its investors are operating at their own risk; that LightSquared must bear all the costs of preventing interference from its devices; and that if it cannot do this LightSquared should not be permitted to operate.

This is a matter of critical national interest, not only to business and recreational GPS users, but also to the nation's emergency services.

I look forward to receiving your reply.

Sincerely,

Alexander Cox
541 482 5106
alexcox@operamail.com

TB Docket 11-109

From: myIBFS
Sent: Sunday, September 18, 2011 9:41 AM
To: Jerry.Ma@fcc.gov; Gerald Mays; Sarita Kale; Siva Appavu; Andrea Kelly; Stephen Duall; Kathryn Medley; CurTrisha Banks; Stephanie.Shieh@fcc.gov; Kathleen Campbell
Subject: Pleadings and Comments Notification from MyIBFS

Type of Pleading: LETTER

Date filed: 09/18/2011

Filer Information:
Ronald Daley
Private user of GPS on a daily basis

Contact Information:

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As an almost daily of GPS technology, for business and private use, it is imperative to protect our nation's investment in the GPS infrastructure as dependence on the system spans users in our military, national security, first responders, transportation, education, and perhaps the largest sector -private industry and private citizens (tax payers). Disabling, degrading or disrupting GPS signals would profoundly and adversely affect each of our everyday lives. LightSquared must be stopped.

Thank you for your time,

Ronald Daley

TB Docket 11-109

From: myIBFS
Sent: Friday, September 16, 2011 5:02 PM
To: Jerry.Ma@fcc.gov; Gerald Mays; Sarita Kale; Siva Appavu; Andrea Kelly; Stephen Duall; Kathryn Medley; CurTrisha Banks; Stephanie.Shieh@fcc.gov; Kathleen Campbell
Subject: Pleadings and Comments Notification from MyIBFS

Type of Pleading: LETTER

Date filed: 09/16/2011

Filer Information:
Cheryl Johnson
Trimble Navigation

Contact Information:

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September 16, 2011

FCC

Dear Commission:

As a concerned citizen of the United States, a parent and a tax payor, I am writing to join the SAVE OUR GPS coalition in seeking:

- 1 The FCC must make clear, and the NTIA must ensure, that LightSquared's license modification is contingent on the outcome of the mandated study unequivocally demonstrating that there is no interference to GPS. The study must be comprehensive, objective, and based on correct assumptions about existing GPS uses rather than theoretical possibilities. Given the substantial pre-existing investment in GPS systems and infrastructure, and the critical nature of GPS applications, the results of studies must conclusively demonstrate that there is no risk of interference. If there is conflicting evidence, doubts must be resolved against the LightSquared terrestrial system. The views of LightSquared, as an interested party, are entitled to no special weight in this process.
- 2 The FCC should make clear that LightSquared and its investors are proceeding at their own risk in advance of the FCC's assessment of the working group's analysis. While this is the FCC's established policy, the Commission's International Bureau failed to make this explicit in its order.
- 3 Resolution of interference has to be the obligation of LightSquared, not the extensive GPS user community of millions of citizens. LightSquared must bear the costs of preventing interference emanating from their devices, and if there is no way to prevent interference, it should not be permitted to operate. GPS users or providers should not have to bear any of the consequences of LightSquared's actions.
- 4 This is a matter of critical national interest. There must be a reasonable opportunity for public comment of at least 45 days on the report produced by the working group and further FCC actions on the LightSquared modification order should take place with the approval of a majority of the commissioners, not at the bureau level.

I would be very concerned to have my children and myself driving around without access to gps locaters on their phones.

As an employee of Trimble, I know that GPS is critical for farmers and construction teams to build a better America and world.

Thank you for your consideration.

Sincerely,
Cheryl L Johnson
14354 Mission Way
Broomfield, CO 80023

IB Docket 11-109

From: myIBFS
Sent: Friday, September 16, 2011 8:39 AM
To: Jerry.Ma@fcc.gov; Gerald Mays; Sarita Kale; Siva Appavu; Andrea Kelly; Stephen Duall; Kathryn Medley; CurTrisha Banks; Stephanie.Shieh@fcc.gov; Kathleen Campbell
Subject: Pleadings and Comments Notification from MyIBFS

Type of Pleading: LETTER

Date filed: 09/16/2011

Filer Information:
Igor Komir
Individual

Contact Information:

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Dear Sir/Madam:

I am deeply concerned about the SAT-MOD-20101118-00239 modification.

Please make clear, and the NTIA must ensure, that LightSquared's license modification is contingent on the outcome of the mandated study unequivocally demonstrating that there is no interference to GPS. The study must be comprehensive, objective, and based on correct assumptions about existing GPS uses rather than theoretical possibilities. Given the substantial pre-existing investment in GPS systems and infrastructure, and the critical nature of GPS applications, the results of studies must conclusively demonstrate that there is no risk of interference. If there is conflicting evidence, doubts must be resolved against the LightSquared terrestrial system. The views of LightSquared, as an interested party, are entitled to no special weight in this process.

Please make clear that LightSquared and its investors are proceeding at their own risk in advance of the FCC's assessment of the working group's analysis. While this is the FCC's established policy, the Commission's International Bureau failed to make this explicit in its order.

I would like to see that resolution of interference has to be the obligation of LightSquared, not the extensive GPS user community of millions of citizens. LightSquared must bear the costs of preventing interference emanating from their devices, and if there is no way to prevent interference, it should not be permitted to operate. GPS users or providers should not have to bear any of the consequences of LightSquared's actions.

I consider this as a matter of critical national interest. There must be a reasonable opportunity for public comment of at least 45 days on the report produced by the working group and further FCC actions on the LightSquared modification order should take place with the approval of a majority of the commissioners, not at the bureau level.

Igor Komir.

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Relative to LightSquared's permission to proceed with deploying their wireless service, why were they given an exemption to normal FCC procedures? They should have to prove unequivocally that their system will not produce any interference to existing per standard FCC procedures and regulations. Initial experiments have shown that their system will interfere with GPS signals and has the potential to make every GPS device ever made useless. LightSquared's argument that it's the responsibility of the GPS device manufacturer's responsibility to design devices that are immune to interference is backwards. The LightSquared must be required to design and deploy a system that doesn't impact existing devices or provide replacement devices free.

Thank you,
Dave Erskine

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