The Honorable Julius Genachowski  
Chairman  
Federal Communications Commission  
445 12th Street, SW  
Washington, DC 20554

Re: LightSquared Subsidiary LLC Request for Modification of Its Authority for an Ancillary Terrestrial Component, File No. SAT-MOD-20101118-00239

Dear Mr. Chairman:

We write to express concern regarding a recent order by the International Bureau granting LightSquared Subsidiary LLC (“LightSquared”) a waiver of the “integrated service” rule with regard to its Mobile Satellite Service license in the L-Band. We urge the full Commission to give appropriate attention to this matter.

Numerous parties have raised significant concerns about interference from the LightSquared system into the Global Positioning System (GPS) frequencies. These parties included the GPS industry, aviation, agriculture, construction, cellular telecommunications companies and government entities such as the National Telecommunications and Information Administration (NTIA), the Department of Defense, the Department of Transportation, and the Department of Homeland Security. We have substantial concerns that LightSquared’s proposal places an unacceptable risk to public safety through interference with GPS receivers necessary for aviation, first responders, agriculture, construction, maritime navigation, E-911, and national defense systems.

GPS is integral to the functioning of our economy, and is essential for public safety. To ensure full protection that GPS service is not compromised in any way, we request the full Commission require LightSquared to demonstrate non-interference of GPS as a condition prior to any operation of its proposed service, and we request the Commission rescind LightSquared’s waiver until this demonstration can be made.

We recognize the Commission’s unique obligation to the public, and its commitment to ensure appropriate use of the nation’s airwaves. We urge the Commission, therefore, to ensure the uninterrupted operation of our nation’s critical GPS system.

Sincerely,

Pat Roberts  
United States Senator

E. Benjamin Nelson  
United States Senator