

# United States Senate

WASHINGTON, DC 20510

May 19, 2011

The Honorable Julius Genachowski  
Chairman  
Federal Communications Commission  
445 12<sup>th</sup> 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:

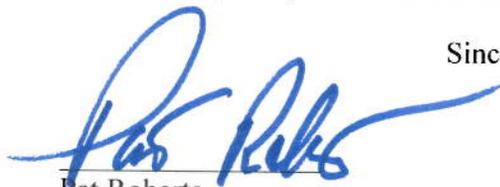
We write to express concern regarding a recent order by the International Bureau granting LightSquared Subsidiary LLC ("LightSquared") a waiver of the "integrated service" rule with regard to its Mobile Satellite Service license in the L-Band. We urge the full Commission to give appropriate attention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

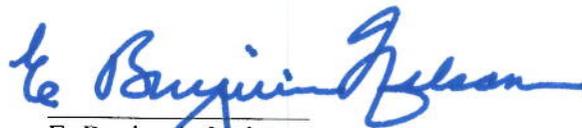
GPS is integral to the functioning of our economy, and is essential for public safety. To ensure full protection that GPS service is not compromised in any way, we request the full Commission require LightSquared to demonstrate non-interference of GPS as a condition prior to any operation of its proposed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



Chuck Grassley  
United States Senator



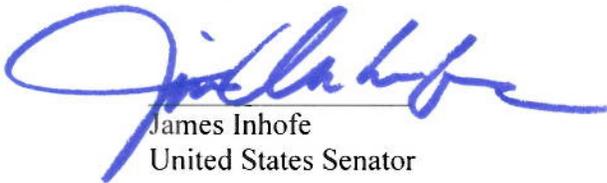
Tom Harkin  
United States Senator



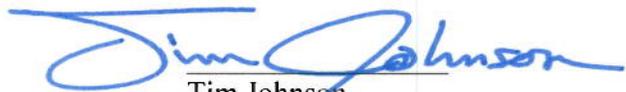
Jerry Moran  
United States Senator



Debbie Stabenow  
United States Senator



James Inhofe  
United States Senator



Tim Johnson  
United States Senator



Saxby Chambliss  
United States Senator



Jeanne Shaheen  
United States Senator



John Hoeven  
United States Senator



Kent Conrad  
United States Senator



Richard Lugar  
United States Senator



Patrick Leahy  
United States Senator



Rob Portman  
United States Senator



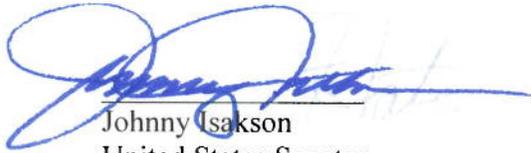
Claire McCaskill  
United States Senator



Orrin Hatch  
United States Senator



Michael Enzi  
United States Senator



Johnny Isakson  
United States Senator



Scott Brown  
United States Senator



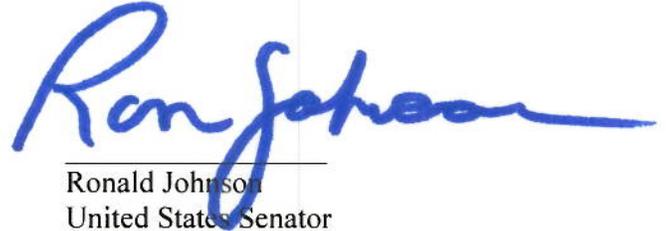
John Barrasso  
United States Senator



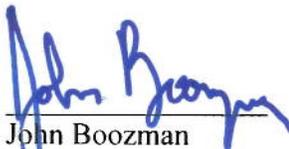
Mike Johanns  
United States Senator



Roy Blunt  
United States Senator



Ronald Johnson  
United States Senator



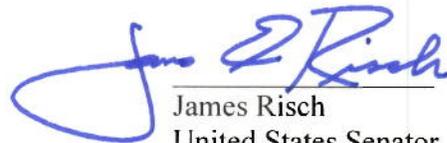
John Boozman  
United States Senator



Kelly Ayotte  
United States Senator



Mike Crapo  
United States Senator



James Risch  
United States Senator



Lindsey Graham  
United States Senator



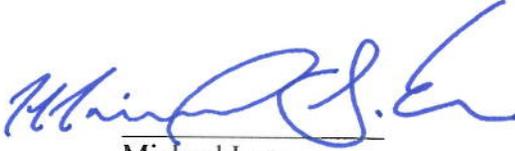
David Vitter  
United States Senator



Tom Coburn  
United States Senator



Richard Burr  
United States Senator



Michael Lee  
United States Senator



John Thune  
United States Senator