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

July 29, 2011

Dear Mr. Chairman:

I am expressing concern over the conditional waiver granted by the International Bureau in January 2011 to LightSquared Subsidiary LLC for L-Band Mobile Satellite Service.

High-accuracy GPS is important to both private and governmental concerns. Land surveyors have come to rely on GPS for conducting property and other surveys in their daily business. Governments as well use GPS for location of survey control for land boundary and public works projects. These impact the public at large.

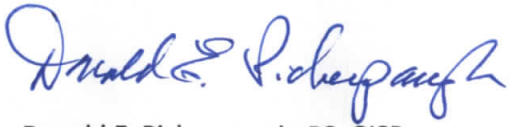
I have just returned from the ESRI User Conference in San Diego, CA which covered geographic information system (GIS) technology, a Survey Summit and trends in the related surveying and GIS fields. I represented the Professional Land Surveyors of Ohio as current President, and Belmont County, Ohio as its GIS Director, and am a Professional Surveyor and GIS Professional (GISP). The buzz word in GIS is the parcel fabric, and its creation is dependent on accurate GPS locations of corners in the Public Lands Survey System (PLSS).

Our county has invested over $13,000 in a GPS receiver which may be rendered useless if LightSquared towers are put into operation in the current configuration. This is much more than the typical $100 or so lower-accuracy GPS unit used in consumer and commercial vehicle navigation or smartphones.

Broadband penetration is definitely a need in rural areas, and I am painfully aware of that, being in the Appalachian area and desiring better connectivity in a technology-driven profession. I sit on a broadband committee at the pleasure of the County Commissioners for the Ohio Mid-Eastern Governments Association (OMEGA) which serves 10 counties in eastern Ohio, However, I feel increased 4G services in urban areas which already enjoy higher-speed Internet service at the expense of high-accuracy GPS would be a detriment to our society as a whole. The European Union is also weighing in on this issue with international concerns, as well as the military.

Please think long and hard before permitting any further implementation of LightSquared's plan.

Sincerely,



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