July 27, 2011

VIA ELECTRONIC FILING

Marlene H. Dortch, Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, DC  20554

Re: Notice of Ex Parte Presentation in LightSquared Subsidiary LLC Request for Modification of its Authority for an Ancillary Terrestrial Component, IBFS File No. SAT-MOD-20101118-00239, IB Docket No. 11-109

Dear Ms. Dortch:


Attending this meeting on behalf of the Parties were the following individuals.

For Deere & Company:
Barry Schaffer, Senior Vice President & Chief Information Officer
Bill Behan, Director Public Affairs
Patricia Harris, Assistant General Counsel
Paul Galyean, Director of Systems Engineering

For Caterpillar, Inc.:
Clay Thompson, Global Director, Governmental Affairs

For Rockwell Collins, Inc.:
Ken Kato, Director, Air Force Programs

Also in attendance were Catherine Wang and Tim Bransford of Bingham McCutchen LLP, outside counsel to Deere.

During this meeting the Parties expressed their strong support for wireless and rural broadband service, but not at the expense of critical GPS devices and GPS-based applications essential to America’s agricultural, construction and aviation industries. The Parties explained that LightSquared Technical Working Group (“TWG”) test results recently submitted to the FCC have heightened our concerns and borne out our original
fears – LightSquared’s terrestrial broadband network presents an immitigable threat to
the GPS systems, including GPS networks and equipment used extensively in agriculture,
construction and aviation applications.

The Parties emphasized that neither LightSquared’s original roll out plan or its
“Recommendations” filed on June 30th offer viable solutions for mitigating interference
into GPS receivers. Specifically, moving LightSquared’s signals lower in the 1525-1559
MHz L-band does not alleviate interference for many classes of GPS receiver, and there
are no known filters in production or design stages that could be retrofitted to already
fielded GPS receivers. Delaying rural deployment of LightSquared base stations offers
no interference protection to the many high-precision receivers used for construction and
surveying operated in urban environments.

The Parties also discussed how future Global Navigation Satellite Systems,
including Europe’s Galileo constellation and the Federal Aviation Administration’s
(“FAA’s”) Next Generation Air Transportation System (“NextGen”), use wideband
technology that indicates continuing incompatibility of L-Band spectrum with high power
terrestrial networks.

The Parties look forward to working with Commission staff as the Commission
moves forward and continues to evaluate this issue. If you have any questions regarding
this meeting, please do not hesitate to contact the undersigned.

Very truly yours,

/s/

Catherine Wang
Tim Bransford

cc: Commissioner Mignon Clyburn
Louis Peraertz
Nathaniel Brown