



DEPUTY SECRETARY OF DEFENSE
1010 DEFENSE PENTAGON
WASHINGTON, DC 20301-1010

Mr. Julius Genachowski
Chairman
Federal Communications Commission
445 12th Street SW
Washington, DC 20554

JAN 12 2011

Dear Chairman Genachowski:

The Department of Defense (DoD) has reviewed the Federal Communications Commission's (FCC) pending Order and Authorization (O&A) regarding the request by LightSquared Subsidiary LLC (LightSquared) to modify the Ancillary Terrestrial Component (ATC) service rules. DoD's initial review of this O&A revealed a potential for the LightSquared ATC network to interfere with the Department's Global Positioning System, Inmarsat terminals, and Aeronautical Mobile Telemetry operations.

The previously agreed to interference criteria, analyzed in 2002, are now dated especially when considering LightSquared's revised business model. Therefore, there is strong potential for interference to these critical National Security Systems. The Department strongly recommends deferral of final action on this ruling until the proper interference analysis and mitigation studies can be conducted based on this new business model.

Your personal attention on this matter is greatly appreciated and the DoD will continue to work with the National Telecommunications & Information Administration and FCC to resolve this issue as soon as possible.

cc:
The Honorable Lawrence E. Strickling
Assistant Secretary for National
Telecommunications & Information
Administration, Department of Commerce

