

LightSquared has not demonstrated or proposed an adequate or economically viable solution for the use of any part of the MSS spectrum without causing interference to all GPS signals, therefore should be banned from operating on that spectrum. It is absurd that the FCC would even consider granting this company a waiver to blast electromagnetic energy on a spectrum so close to the one used by our highly valuable GPS signals. The millions of aircraft, vehicle and personal navigation systems in existence are the culmination of billions of dollars invested by commercial and private consumers. Our precious national asset, the GPS system, would be severely degraded by allowing LightSquared to operate anywhere near the GPS spectrum, including the entire MSS spectrum.

Furthermore, aviation has become increasingly reliant on GPS for navigation as ground based systems such as LORAN, NDBs and VORs have been or will be phased out. GPS approach and area navigation capability has greatly enhanced the utility provided by our National aerospace system. GPS receivers on aircraft can be operated for decades and any degradation of the GPS signals is a direct threat to the aviation industry.