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August 5, 2016

**VIA ECFS**

Marlene H. Dortch, Secretary  
Federal Communications Commission  
445 12th Street, SW, Room TW-A325  
Washington, DC 20554

Re: **Notice of Ex Parte Presentation in IB Docket Nos. 11-109 and 12-340; IBFS  
File Nos. SES-MOD-20151231-00981, SAT-MOD-20151231-00090, and SAT-  
MOD-20151231-00091**

Dear Ms. Dortch:

Pursuant to Section 1.1206 of the Commission's rules, this letter provides notice that on August 3, 2016, representatives of Iridium Communications Inc. (Iridium) met with staff from the Wireless Telecommunications Bureau, Office of Engineering and Technology, and Office of General Counsel. Representing Iridium were Maureen C. McLaughlin, Vice President, Public Policy; Brian D. Weimer of Sheppard, Mullin, Richter & Hampton LLP, Outside Counsel to Iridium; Brandon Hinton, Senior Principal Systems Architect Engineer, Harris Corporation; and the undersigned. Commission representatives attending the meeting were Charles Mathias, Paul Murray, Ron Repasi, Brian Regan, and Jennifer Tatel.

The primary purpose of the meeting was to describe to Commission staff the methodology Iridium is using to conduct its technical analysis of the harmful interference to Iridium's mobile terminals that would occur as a result of Ligado Networks' LLC (Ligado) proposed terrestrial network. Iridium made this presentation to Commission staff to ensure that its current technical efforts will result in a work product that satisfies the Commission's stated desire for additional details concerning the Ligado-to-Iridium interference potential. Iridium representatives explained that Ligado out-of-band-emissions (OOBE) within Iridium's frequency band would significantly interfere with Iridium terminals and that Iridium's forthcoming technical report will detail the extent of this interference potential.

The presentation was otherwise consistent with the positions stated in the Comments and Reply Comments filed by Iridium in response to the Commission's April 22, 2016 Public Notice

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seeking comment on the applications filed by Ligado to modify the ancillary terrestrial component of its L-band mobile satellite service (the “Modification Applications”).<sup>1</sup> We noted Iridium does not oppose Ligado’s terrestrial plans *per se* and expressed no view on the 30 MHz of spectrum that is not immediately adjacent to Iridium’s spectrum that Ligado proposes for terrestrial use. Finally, we reiterated that Iridium remains committed to working with Ligado to resolve our interference concerns, but absent an agreement, Iridium seeks appropriate conditions on any grant of the Modification Applications to ensure sufficient interference protection for all Iridium operations.

Please direct any questions concerning this submission to the undersigned.

Respectfully submitted,

/s/ Bryan N. Tramont  
Bryan N. Tramont

cc: Charles Mathias  
Paul Murray  
Ron Repasi  
Brian Regan  
Jennifer Tatel

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<sup>1</sup> See *Comment Sought on Ligado’s Modification Applications*, Public Notice, IB Docket No. 11-109, IB Docket No. 12-340, DA 16-442 (rel. Apr. 22, 2016). See also *Comments of Iridium Communications Inc.*, IB Docket No. 11-109 *et al.* (filed May 23, 2016) and *Reply Comments of Iridium Communications Inc.*, IB Docket No. 11-109 *et al.* (filed June 21, 2016).