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February 3, 2010

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**VIA ELECTRONIC FILING**

Hon. Julius Genachowski  
Chairman  
Federal Communications Commission  
445 12th Street, S.W.  
Washington, D.C. 20554

Re: Iridium Satellite LLC  
Request for Special Temporary Authorization to Provide Mobile Satellite  
Service in the 1616-1617.775 MHz Band For An Additional 10 Days

Dear Chairman Genachowski:

Iridium Satellite LLC (“Iridium”), by its attorneys and pursuant to 47 C.F.R. § 25.120, hereby requests Special Temporary Authorization (“STA”) to provide Mobile Satellite Service (“MSS”) in the 1616-1617.775 MHz band for an additional 10 days—from February 5, 2010 through February 15, 2010.<sup>1</sup>

Grant of this request will serve the public interest by facilitating the restoration of communications in the nation of Haiti following the January 12, 2010 earthquake. As the FCC is aware, the earthquake caused extraordinary devastation, including extensive damage to communications infrastructure. Public safety officials, relief organizations, businesses and the public urgently need reliable telephone service as they continue respond to the crisis. Iridium’s mobile satellite service is ideally suited to meet this need and indeed, is already providing vital service to these individuals and organizations.

Since the Commission’s original grant of STA on January 15, 2010, Iridium’s mobile satellite service has been essential to establishing communications both within Haiti and between Haiti and the rest of the world. Over the past few weeks many additional phones have been made available for use in Haiti. As a result, call volumes on Iridium’s network remain extraordinarily high for the region.

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<sup>1</sup> On January 15, 2010, the Commission granted Iridium STA for testing and operation of its MSS system for a period ending February 4, 2010, in support of relief efforts in Haiti. Public Notice, Policy Branch information, Actions Taken, Report No. SAT-00661, File No. SAT-STA-20100115-00011 (Jan. 22, 2010).



Hon. Julius Genachowski  
February 3, 2010  
Page 2

Continued temporary access to the additional 1.775 MHz of spectrum will enable the Iridium satellites to use the full 10.5 MHz for which they were designed and thus maximize the efficient use of spectrum. Without this additional spectrum, Iridium expects that its network quickly would reach maximum congestion, causing the satellites to be overloaded and calls to be dropped.

Iridium has complied and will continue to comply with all conditions of the original grant of STA.

Please direct any questions regarding this matter to the undersigned.

Sincerely,

*/s/ Peter D. Shields*

Peter D. Shields  
*Counsel to Iridium Satellite LLC*