



September 1, 2011

Ms. Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12<sup>th</sup> Street, S.W.  
Washington, D.C. 20554

***Re: Request for Special Temporary Authority to Test  
Remote Terminal with Hagerstown, Maryland Hub E070139***

Dear Ms. Dortch:

Tachyon Networks, Inc. (“Tachyon”) requests a grant of Special Temporary Authority (“STA”)<sup>1</sup> for 30 days starting September 10, 2011 and continuing through October 9, 2011 to test a new 18” remote terminal communicating with an Intelsat-owned, U.S.-licensed hub -- call sign E070139 located in Hagerstown, Maryland -- in the frequency bands 11.7-12.2 GHz and 14.0-14.5 GHz. The remote terminal will communicate with Intelsat’s Horizons 2 satellite located at 74.05° W.L.

During testing, the remote terminal will be located at Summit Airport in Middletown, Delaware. The antenna will be tested while mounted on the roof of a hanger and while mounted on a stationary aircraft.

With the acceptance of this request, Tachyon intends to test this VSAT network beginning September 10, 2011 for potential use as part of an existing mobile aeronautical service currently provided outside the United States to a U.S. Government customer. Please note that this is the same application that Tachyon previously submitted and which was granted on May 19, 2011, File No. SES-STA-20110427-00518 (“May STA”).

All technical information in the May STA is incorporated herein by this reference. Tachyon accepts conditions substantially similar to those conditions of the May STA. The hub station, E070139, will operate in accordance with the coordinated parameters of

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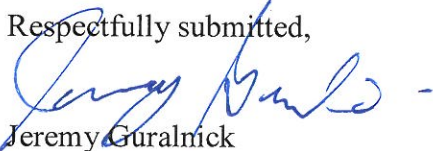
<sup>1</sup> Tachyon has filed this STA request, an FCC Form 159, a \$175.00 filing fee and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

its current license. In the unlikely event that harmful interference occurs, Tachyon will take all reasonable steps to eliminate the interference.

Grant of this STA request will enable Tachyon to test this new antenna to determine whether it can be incorporated into the existing U.S. Government service offering. As such, the grant of this STA is in the public interest.

Please direct any questions regarding this STA request to the undersigned at (619) 252-4158 or by email at [jeremy.guralnick@tachyon.com](mailto:jeremy.guralnick@tachyon.com).

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "Jeremy Guralnick", with a horizontal line extending to the right.

Jeremy Guralnick  
VP Business Development

cc: Paul Blais  
Frank Peace