

May 3, 2011

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

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

Dear Ms. Dortch:

Tachyon, Inc. ("Tachyon") herein requests a grant of Special Temporary Authority ("STA")¹ for 6 months, from June 16, 2011 through December 15, 2011, to test a new Airborne 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.

With the acceptance of this request, Tachyon intends to test this VSAT network beginning June 16, 2011 for potential use as part of an existing mobile aeronautical service currently provided outside the United States to a U.S. Government customer.

During the testing, the remote terminal will be mounted on an airplane flown out of Summit Airport in Middletown, Delaware at distances up to 125 nautical miles. The antenna will be tested on the ground, while the aircraft taxis, and during flight.

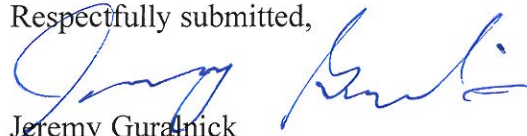
In support of this request, Tachyon herein provides the attached technical information that demonstrates that the operation of the remote terminal will not cause harmful interference into any lawfully operating facility. The hub station, E070139, will operate in accordance with the coordinated parameters of its current license. In the extremely unlikely event that harmful interference should occur, 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 may be incorporated into the existing U.S. Government service offering. As such, the grant of this STA is in the public interest.

¹ 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").

Please direct any questions regarding this STA request to the undersigned at (619) 252-4158.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "Jeremy Guralnick".

Jeremy Guralnick
VP Business Development

cc: Paul Blais
Frank Peace