

October 18, 2006

BY ELECTRONIC FILING

Mr. Ira Keltz,
Chief, Electromagnetic Compatibility Division

Mr. James R. Burtle
Chief, Experimental Licensing Branch

Office of Engineering and Technology
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

Dear Gentlemen:

Pursuant to 47 C.F.R. § 5.61(a), this letter is to request expedited processing of ATC International Inc.'s ("ATC International") application (FCC file no. 0740-EX-ST-2006)¹ for Special Temporary Authority to conduct experimental operations pursuant to the Commission's Part 5 Experimental Radio Service rules. ATC International desires to conduct experiments in the Oakland, California area from October 18, 2006 through December 31, 2006, and in the South Florida area from October 18, 2006 through April 01, 2007.

Based on a Request for Information (RFI) and extensive analysis by the California Center for Innovative Transportation (CCIT),² ATC International is one of three vendors selected by the Capital Corridor Joint Powers Authority (CCJPA)³ to demonstrate technologies to enhance rail travel and safety. The CCJPA project will be one of the most extensive demonstrations of technology for rail travel undertaken in this country.

¹ Concurrent with filing this letter, ATC International, Inc. is requesting that the location information and experiment proposal contained in the Wi-Fi America application for STA (FCC file no. 0648-EX-ST-2006), be incorporated into this application.

² See *Wireless Technology on Trains*, available at <http://www.calccit.org/projects/train.html>.

³ See *About the CCJPA*, available at http://www.capitolcorridor.org/about_ccjpa/.

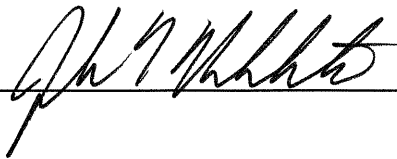
For CCJPA to include a bi-directional satellite technology solution in its demonstration, it is essential for ATC International to test and analyze the results of this system by December 31, 2006. This comprises the Oakland, California experiment and is the driver for this request for expedited processing.

Following on to the Oakland experiment, ATI International will conduct a public access demonstration in South Florida in conjunction with Tri-Rail.⁴ ATC International believes this demonstration will assist in establishing the viability of bi-directional satellite communications to moving trains.

Though Wi-Fi is now an expected commodity in many public places, this new technology will extend beyond just Wi-Fi access to train passengers. Rail operators will also use this technology for public safety communications and to augment acquisition of rail telemetry data.

ATC International believes its solution presents a low-cost and effective way to provide broadband communications to trains. The speedy grant of ATC International's experimental STA application will assist in making this service a reality.

Sincerely,



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⁴ See Tri-Rail, available at <http://www.tri-rail.com/>.