



Aeronautical Radio Inc.
2551 Riva Road
Annapolis, MD. 21401 USA

October 24, 2006

Federal Communications Commission
Office of Engineering and Technology
445 12th Street SW
Washington, DC 20554

Dear Sirs;

ARINC Incorporated, Inc. seeks an experimental radio license to support a ground-based demonstration of a picocell system using GSM handsets.

This demonstration will be taking place at the ARINC headquarter building at 2551 Riva Road in Annapolis MD.

All operations by ARINC will be coordinated with the PCS licensee, T-mobile prior operation on the radio system. Attached for your information is a copy of an e-mail from T-mobile in which T-mobile has concurred with ARINC's use of Absolute Radio Frequency Channel Number (ARFCN) 735 (Downlink = 1974.80 MHz).

ARINC is requesting an extended experimental radio license for a 5 year license term in order for ARINC to demonstrate and test on an unscheduled basis throughout the years. Each demonstration will be coordinated with T-mobile.

Please contact our office should you require any additional information regarding this request. You may contact me at telephone number 410-266-4142, fax number 410-266-2047, or via e-mail at ccw@arinc.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Christopher Wheatley".

Christopher Wheatley
Frequency Management

Subject: FW: Demonstration of Aero mobile in Annapolis area

-----Original Message-----

From: Galiano, Michael [mailto:Michael.Galiano@T-Mobile.com]

Sent: Tuesday, August 29, 2006 2:51 PM

To: Langone, Christopher M. (CLANGONE)

Subject: RE: Demonstration of Aero mobile in Annapolis area

Chris I have received authorization from my corporate RF group for ARINC to utilized the following channel for your demonstration purposes.

ARFCN : 735 (Downlink = 1974.80 MHz)

As discuss we will need to be notified when you are planning to use this channel and if you plan to perform a demonstration outside of your office location.

For notifications of timing of the demonstration and location please email the following gentlemen and please copy me as well.

Shalin.patel@t-mobile.com

Luis.reyes@t-mobile.com

We will not be requiring an agreement for use of this channel.

If you have any additional questions please let me know.

Thanks

-Mike