

**Harris Corporation**  
**Request for Special Temporary Authority**  
**2.4m C Band Temporary Transportable Earth Station**

Harris Corporation ("Harris") hereby requests Special Temporary Authority for a thirty day period<sup>1</sup> beginning no later than December 3, 2015 to deploy a 2.4m Flyaway C-Band terminal to a location in Prospect, Connecticut in order to support time-critical engineering development work on the FAA's<sup>2</sup> Alaska Satellite Telecommunication Infrastructure (ASTI) modernization program which serves to modernize the National Airspace (NAS) surveillance and FAA Air-to-Ground communications in Alaska.

Harris has experienced technical issues with the multiplexer used in conjunction with the ASTI program which is resulting in timing and synch loss issues. The temporary installation of the 2.4m Flyaway C-Band terminal in Prospect, Connecticut will provide a platform to evaluate the technical issues associated with the technologies that are being deployed as part of the ASTI program.

Harris submits that a grant of this application will serve the public interest because it will assist the FAA's mission of ensuring flight safety and will further the ASTI and NAS modernization programs.

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<sup>1</sup> If Harris is unable to rectify the underlying issues subject to this STA request an additional extension will be sought.

<sup>2</sup> Harris Corporation, serves as the current FAA Telecommunications Infrastructure contractor (see attached letter).



U.S. Department  
of Transportation

800 Independence Ave., S.W.  
Washington, D.C. 20591

**Federal Aviation  
Administration**

ASU330-FTI-06-6219  
18 January 2006

Harris Corporation  
Attn: Elizabeth Briscoe  
Mail Stop F- 11A  
1025 West NASA Boulevard  
Melbourne, FL 32919

Subject: FAA Concurrence for Harris C-Band and Ku-Band License Submissions

Dear Ms. Briscoe:

This letter serves to affirm that Harris Corporation, the FAA Telecommunications Infrastructure contractor, requires C-Band and Ku-Band Satellite Frequency Licenses to meet the FAA's data and voice service requirements from remote locations. FAA Satellite communications are essential to the air traffic control and safety of flight within the National Airspace System (NAS). These licenses will also be used in response to emergency operations such as disaster recovery. Granting these licenses is considered in the best interest of the flying public.

If you have any questions regarding matter, please call me at 202.493.5963.

Sincerely,

//s//

Susan Eicher  
FTI Contracting Officer