

**ARINC**  
YOU WON'T BELIEVE WHAT WE CAN DO.

2551 Riva Road  
Annapolis, Maryland 21401-7465  
410-266-4000

15 March 2007

Marlene H. Dortch, Secretary  
Federal Communications Commission  
Office of the Secretary  
445 12<sup>th</sup> Street, SW  
Washington, DC 20554

Re: ARINC INCORPORATED  
License Modification Application  
File Number: SES-MOD-20070220-00260  
Call Sign: E030205  
Date of License: 04/06/2005

Dear Ms. Dortch:

With respect to the modification filing referenced above, the Commission has requested clarification of the application. The intent of this letter is to provide such clarification.

ARINC's SKYLink broadband service to AMSS terminals in the USA has been in compliance with the License issued in April 2005 using SES Americom Ku-band satellite AMC-6 and has also been licensed in Europe for operation on Eutelsat AB-2. The purpose of the License Modification Application is to permit service over the North Atlantic Ocean Region between the two continents by using the Loral Skynet Telstar 14 (Estrela do Sul) satellite at 63° W.L. That service will be conducted at the same power levels not exceeding 1 dB below the permitted envelope as authorized for domestic service under the Call Sign E030205.

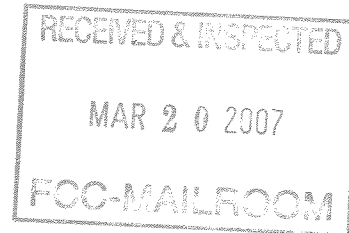
In this application ARINC seeks to add a new ground earth station collocated with the authorized earth station in Carlsbad, San Diego, California, as detailed in the application SES-LIC-20070125-00142, Call Sign E070018, submitted by ViaSat, Inc. and accepted for Public Notice Filing on 03/07/2007.

ARINC is requesting to add a new satellite, Estrela do Sul 1/Telstar 14 on the permitted list to be accessed from that new ground earth station. Attached to this letter please find a copy of the ViaSat, Inc. Description of Application, Request for Authorization to Communicate with Non-U.S. Satellite, with which ARINC is fully committed to comply. Also attached please find a map with the expected geographic coverage contour of the NAOR by the Estrela do Sul/Telstar 14 transponder allocated by Loral Skynet for the AMS service being requested.

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Satellite Division  
International Bureau



The Estrela do Sul satellite has previously been licensed to the Boeing Connexion mobile-satellite earth stations to provide similar service to that which ARINC is requesting in the NAOR. Reference File Number SES-MOD-20040301-00304, Call Sign E000723.

Please contact me if I can provide any further clarification concerning this request.

Sincerely,

A handwritten signature in black ink, appearing to read 'William M. Kolb', written in a cursive style.

William M. Kolb  
Director, SKYLink Business Aircraft  
410-266-4017  
Attachs.

## **ViaSat, Inc.**

### **Description of Application Request for Authorization to Communicate with Non-U.S. Satellite**

ViaSat, Inc. ("ViaSat") seeks authority for a 4.5 meter transmit/receive antenna operating in the 11.7-12.2 GHz downlink band and the 13.958-14.5 GHz uplink band. The proposed antenna will serve as a hub station to facilitate Internet data communications. ViaSat seeks ALSAT authority for communications in the routine Ku-band frequencies (11.7-12.2 GHz; 14.0-14.5 GHz). When transmitting in the 13.958-14.0 GHz band, the earth station will only communicate with the Estrela do Sul 1 satellite at the 63° W.L. location.

ViaSat understands that the 13.958-14.0 GHz frequencies are shared with Federal Government uses and are subject to coordination procedures of the frequency assignment subcommittee of the Interdepartment Radio Advisory Committee. The control point for the proposed antenna will be located at 6155 El Camino Real, Carlsbad, CA 92009, and can be contacted 24 hours a day, 7 days a week at (888) 272-7232 in the event that National Defense and U.S. Naval operation requirements necessitate immediate cessation of operations. ViaSat is aware that it would be required to temporarily cease operations on the 13.958-14.0 GHz frequencies until notified otherwise.

The Commission has approved the Estrela do Sul 1 satellite for the FCC's Permitted Space Station List for routine Ku-band frequencies. In its Petition for Declaratory Ruling to add the Estrela do Sul 1 satellite to the Permitted Space Station List, Loral Skynet do Brasil provided the information required under Section 25.114 of the Commission's rules for the extended Ku-band frequencies in FCC File No. SAT-PDR-20021010-00196. Therefore, the informational requirements of Section 25.137 of the rules has been met.

SKYLink<sup>SM</sup> Coverage with Telstar 14/Estrela do Sul 1

