

September 5, 2003

Sylvia T. Lam
System Analysis Branch
International Bureau – Satellite Division
Federal Communications Commission
445 12 Street, S.W.
Washington, DC 20554

Re: Application of Verestar, Inc. to renew its license
Call Sign: KA294
File No.: SES-RWL-20030722-01015

Dear Ms. Lam,

In response to your letter of July 30, 2003, Verestar certifies its awareness, understanding, and acceptance of the following license conditions:

- **For the frequency band of 5850-5925 MHz band:**

It is aware of the co-primary Federal Government radiolocation allocation in the 5850-5925 MHz band in the U.S. and Possessions; that it is aware of the potential electromagnetic compatibility issues in the frequency band, (See, e.g., NTIA Report Federal Radar Spectrum Requirements, (<http://www.ntia.doc.gov/osmhome/reports/ntia00-40/ntia00-40.pdf>), NTIA Report 83-115, Spectrum Resource Assessment in the 5650-5925 MHz Band (http://www.fcc.gov/ib/srd/fedreg_ntiareport.html), and FCC Fifth Notice of Inquiry in Preparation for a General World Administrative Conference in 1979 (Docket No. 20271; FCC 77-349)); and that it agrees to accept this potential for unacceptable interference that may be caused to its communication links by radiolocation systems, including high-powered land-based transportable and shipborne radar transmitters operating in the frequency band in accordance with footnote G2.

- **For the frequency band of 3625-3700 MHz band:**

It has completed an EMC analysis according to US245, based on the NTIA TR-99-361 Report, *Technical Characteristics of Radiolocation Systems operating in the 3.1-3.7 GHz Band and Procedures for assessing EMC with Fixed Earth Station Receivers* (available at <http://www.ntia.doc.gov/osmhome/reports.html>). It has determined the potential for unacceptable interference that may be caused to its receiving earth station and that it agrees to accept such interference. Furthermore, it is aware that use of a RF filter ahead of the low noise amplifier (LNA) would limit potential out-of-band interference to the receiving earth station.

2) Please provide a completed an EMC analysis according to US245.

Thank you for your attention to our application. Please do not hesitate to call me at 703-205-2506 if you need additional information.

Very truly yours,

Scott P. Anderson
Director, Regulatory and Government Affairs

Enclosure – EMC Analysis