

Anthony Serafini

From: Shahnaz Ghavami
Sent: Friday, January 20, 2006 5:11 PM
To: Anthony Serafini
Cc: Scott Kotler; 'Baum Kimberly-o65000'
Subject: RE: VSL Networks experimental license application

Anthony- IB has no objections to the VSL experimental application file number 0376-EX-PL-2005. Please place the following conditions on the license.

1) Point of Communication: Intelsat- 6

2) In accordance with Article 4.4 of the ITU Radio Regulations, the operations authorized herein shall not cause harmful interference to, and shall not claim protection from harmful interference caused by, a station operating in accordance with the provisions of the ITU Constitution, the ITU Convention, and the ITU Radio regulations.

3) Prior to commencement of operations with Intelsat- 6 pursuant to this experimental license, VSL Networks shall obtain a certification from Intelsat- 6 that Intelsat- 6 has notified all satellite operators with co-frequency operations within 6 degrees longitude of Intelsat- 6, generally describing the experimental operations authorized herein, including the term thereof, and providing a point of contact for the purpose of resolving any complaints of interference. VSL Networks shall obtain a similar certification from Intelsat- 6 if, during the term of this experimental license, Intelsat- 6 move orbit locations, or if a satellite operator commences co-frequency operations within 6 degrees longitude of Intelsat- 6. If the point of contact receives a complaint of harmful interference, the party receiving the complaint (if not VSL Networks) will notify VSL Networks, and VSL Networks shall immediately cease such operations or adjust such operations to avoid harmful interference. VSL Networks will submit a copy of Intelsat- 6's certification (s) to the Commission for incorporation into the record of this file.

Thanks,
ShahnazGhavami
Senior Electrical Engineer
Satellite Division
International Bureau
Federal communications Commission
phone: +1 202-418-0740
Fax: +1 202-418-0777

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

From: Baum Kimberly-o65000 [mailto:kimberly.baum@motorola.com]
Sent: Friday, January 13, 2006 3:46 PM
To: Shahnaz Ghavami
Cc: Scott Kotler; Tom Sharon
Subject: VSL Networks experimental license application

01/23/2006

Hi Shahna,

To follow-up from our exchange of voice mails, attached please find the VSL Networks experimental license application. The *.htm file is the application itself, and the pdf file contains the more detailed technical description. The application is to test & demo a mobile earth station on one INTELSAT-6 Ku-band transponder. For the mobile uplink, VSL chose a frequency in 14.2-14.47 GHz to avoid overlap with any frequencies shared with NTIA.

As you probably recall, similar applications (STAs) were originally filed with IB in October & November, but were withdrawn in order to re-file under the experimental licensing process since the operation is just for testing & demo purposes at this time.

Please give myself or Tom Sharon a call if you have any questions. We really appreciate you taking a look at this in advance, to expedite the process with OET!

Best regards,
Kim Baum
202 371 6868