



ORIGINAL

January 13, 2009

VIA HAND DELIVERY

Mr. James Burtle
Chief, Experimental Licensing Branch
Office of Engineering and Technology
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

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JAN 13 2009
Federal Communications Commission
Bureau / Office

**Re: Maritime Professional Training
File No. 0521-EX-PL-2008**

Dear Mr. Burtle:

The above-referenced application by Maritime Professional Training ("Applicant") seeks an experimental license for a period of five years to transmit throughout the 1626.5-1646.5 MHz band at fixed locations in Broward County, Florida with a peak ERP of 15.3W. The frequencies requested include L-band frequencies authorized for and operationally in use by SkyTerra Subsidiary LLC ("SkyTerra").¹ SkyTerra is the licensee of AMSC-1 and SkyTerra-1 (formerly MSV-1), United States satellites licensed by the Commission to provide Mobile Satellite Service in the L band, and provides, *inter alia*, critical communications services to public safety users.

SkyTerra believes that Applicant actually intends to use only those frequencies in the 1626.5-1646.5 MHz band that have been internationally coordinated for Inmarsat's satellites. However, because Applicant has not provided any description for its proposed experimental operations and has not responded to calls by SkyTerra or questions from FCC staff regarding the application,² the proposed experimental operations present a significant risk of interference to SkyTerra's network. The ERP listed by the Applicant, 15.3 W, is nearly equal to the ERP, 15.8 W, typically used by SkyTerra's licensed mobile terminals. Therefore if the proposed transmissions were co-channel with SkyTerra's mobile terminals, the resulting C/I would be less than 1.0 dB, causing severe interference to the affected SkyTerra transmission. Accordingly, SkyTerra requests that the OET require the Applicant to confirm that it will use only those frequencies in the requested frequency band that have been coordinated for Inmarsat. Moreover, if the Applicant's transmissions cause harmful interference, the Applicant must immediately cease such transmissions, as required by the Commission's rules. See 47 C.F.R. § 5.85(c) (grant of all experimental authorizations conditioned on not

¹ SkyTerra was formerly Mobile Satellite Ventures Subsidiary LLC.

² See Email from Behnam Ghaffari to John Krantz, File No. 0521-EX-PL-2008 (December 19, 2008).

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causing any harmful interference); 47 C.F.R. § 5.111(a)(2) (licensee must cease transmissions if harmful interference to an established radio service develops). In this regard, the OET should require that the Applicant notify SkyTerra prior to commencing experimental operations and provide SkyTerra with a point of contact.

Please contact the undersigned with any questions.


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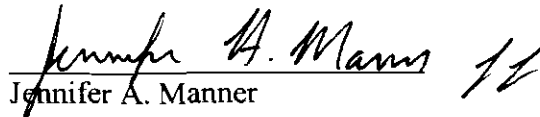
CERTIFICATE OF SERVICE

I, Jennifer A. Manner, hereby certify that on this 13th day of January 2009, I served a true copy of the foregoing by first-class United States mail, postage prepaid, upon the following:

James Burtle*
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*By Hand Delivery