

MEMORANDUM TO F.C.C.

07/30/2008

FROM: JAMES E. WHEDBEE

RE: Application File #0343-EX-PL-2008

SUBJECT: Experimentation Description with Statements pertaining to Emission Designation(s), Frequency Coordination Requirements, and Other Matters...

Dear Sir/Ma'am:

[1] EXPERIMENTATION STATEMENT: This application subsumes Application #0326-EX-PL-2008 which was dismissed without prejudice. The experimentation intended under any grant of this application shall be identical. In other words, the applicant proposes to use the frequencies, emissions, and locations in the above application to examine antenna designs, perfect antenna designs, and make new antenna designs employing unusual material velocity factors in order to reduce antenna size while keeping or increasing antenna efficiency. Antennas must be tested on air to determine design efficacy; however, all such newly designed antennas shall be omnidirectional, and therefore, no radiation pattern was indicated in the above application.

[2] EMISSIONS USED: In the application, where the emission designator "XXX" is used following the bandwidth designator, the "XXX" indicates that any type or combination of types of emissions shall be employed in order to determine if emission class has an effect on the antenna design (particularly in low velocity factor antennas). Where a specific emission designator - other than "XXX" - is employed, that exact emission designation is intended. In all instances, regardless of emission designators, the bandwidths indicated are maximum bandwidths, and this application does intend that narrower bandwidths be employed as well.

[3] FREQUENCY COORDINATION: In the application, if and only if coordination would be mandatory to station operation by other (non-experimental) licensees using similar frequencies, this applicant also agrees to undertake frequency coordination for those frequencies on which that is standard practice. On frequencies for which coordination is not required by other (non-experimental licensees), coordination shall only be undertaken if to do so would give this applicant priority over uncoordinated operations. Obviously, on frequencies where no coordination is expected or available, none shall be undertaken.

[4] COMMUNICATION WITH OTHER (NON-EXPERIMENTAL) SERVICES: If it will not disrupt expeditious grant of this application, and on only those frequencies the FCC deems it prudent to do so, in order to examine antenna efficacy over a broad range of propagations, the applicant undersigned requests permission to communicate with other services authorized to employ the frequencies indicated herein to the extent two-way communications are authorized. If there are certain frequencies on which the FCC does not wish for this applicant to communicate with other services, the applicant requests that this consideration only be given to frequencies on which the FCC has no difficulty approving same. Any attempted two-way communications hereunder shall be: (1) Secondary to the non-experimental service; (2) Conducted on a non-interference basis; (3) Domestic communication (not international); (4) Free of codes and ciphers that would frustrate monitoring and interpretation of the communication; and, (5) Shall be immediately terminated if requested by the contacted licensee in the

other service, or monitoring licensees in that other service whom are attempting to use that frequency.

[5] LOWER POWER LIKELY: The power levels in the application are intended to represent the highest power levels the applicant would use should a grant hereof be made. Lower power levels are likely until a particular antenna design has been perfected.

[6] DURATION OF LICENSE: The applicant seeks a five (5) year license, renewable at will. The applicant intends to make and perfect a number of antenna designs throughout his lifetime; accordingly, the license should reflect a duration consistent herewith.

[7] CONSENT TO MODIFICATION BY F.C.C.: The applicant intends that this application be granted expeditiously; however, if the use of a frequency or requested frequency band would place the overall application in doubt, the F.C.C. may - without any prior permission from the undersigned-delete or modify a frequency/frequency block and/or emission designator(s) for a frequency/frequency block to the extent minimally necessary to place this applicant in a condition that shall foster immediate approval without controversy. Should this blanket permission be insufficient, please contact the undersigned by e-mail to amend the application should the need therefor arise.

To these ends, I am...

Very truly yours,

/s./ JAMES EDWIN WHEDBEE, M.Ed. (30 JULY 2008)

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