

Carl Huie

Amendment

From: Kevin Murray [KMurray@rmcweb.com]
Sent: Tuesday, November 02, 2004 6:46 AM
To: Carl Huie
Cc: Chris Lamb
Subject: RE: Changes to FCC experimental license application
Experimental transmissions to occur at:

237 PLO4

N 38°15.0'
W 76° 27.03'

38.25
76.45

v/r,

Kevin Murray
RMC, Inc
301-862-7501

From: Carl Huie [mailto:Carl.Huie@fcc.gov]
Sent: Mon 11/1/2004 3:47 PM
To: Chris Lamb
Cc: Kevin Murray
Subject: RE: Changes to FCC experimental license application

Need coordinates where transmissions take place

*** Non-Public: For Internal Use Only ***

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

From: Chris Lamb [mailto:clamb@rmcweb.com]
Sent: Monday, November 01, 2004 3:07 PM
To: Carl Huie
Cc: Kevin Murray
Subject: Changes to FCC experimental license application

Mr. Huie,

Thank you for speaking with me today. To follow up with our phone conversation, we need to make some changes and additions to our application for an experimental license from the FCC.

First, it is not necessary for us to keep any details of our application from the public record, so please disregard this in our original application.

The frequency range specified in our original application is 1700 to 2300 MHz. I understand we need to narrow this down and focus on a smaller frequency range. Our primary customer is currently the U.S. Navy, and they require operation in the military frequency band from 1755 to 1850 MHz.

Our mission designator will be as follows:

11/2/2004

8M00 D7W

Our necessary bandwidth is 8 MHz, and we are transmitting using coded orthogonal frequency division multiplexing (COFDM) modulation with 1705 separate carriers spread evenly across this band. Each carrier is quadrature amplitude modulated, either with QPSK, 16-QAM, or 64-QAM. We are transmitting a combination of data, including video, audio, diagnostic information, and auxiliary data.

Our antenna gain is 0 dB, and we are transmitting a maximum of 500 mW for an ERP of 500 mW.

Please let me know if you have any other questions.

Regards,
Chris Lamb
RMC, Inc.
(512) 912-1602