

From: Mike Ramnath

To: John Kennedy

Date: August 01, 2002

Subject:

FCC File #: 0036-EX-ML-2002- Reply

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Message:

Date: 1st August 2002.

Subject: 0036-EX-ML-2002 [Reference Number: 2154]

Confirmation Number: EL12394

Dear Mr. John Kennedy:

Motorola, Inc responds to your additional questions as follows:

Question 1:

Please state why three new locations are being requested under this experimental license modification as opposed to only one new location for handover testing.

Response 1:

Due to our customer base we need to simulate the handover to multiple sites as driving in a vehicle with a phone. Just one or two sites would not be adequate for testing and de-bugging for this and other functions. Please note that Motorola has tested radios using multiple sites per Experimental License, WA2XOH, now expired. As in the WA2XOH License, all the additional sites are in the Ft. Lauderdale area.

Question 2:

Please verify that the quantity of devices being reported is the total quantity for all locations and not the quantity at each location.

Response 2:

The quantity of devices requested is the total quantity for all four locations.

Question3:

Since each base station is only capable of handling three calls simultaneously giving a total of 60 simultaneous calls for 20 base stations, why not request the use of only 60 mobile subscriber units instead of 600 units?

Response 3:

The Base Station can handle three phone calls at a time but it can also handle dispatch and packet data. Hence, the entire system configuration is capable of handling far more than the 60 units suggested. The 600 units, as noted above, are not only used for telephone calls but for dispatch and data transmission at any one time.

Please note that Motorola is a manufacturer of telecommunication equipment for various carriers