

February 7, 2005

Mr. Andrew Leimer
Federal Communications Commission
FCC Laboratory Division
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia Maryland 21046

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Mr. Leimer,

With regard to your correspondence of January 27, 2005, the following are your questions and the M/A-COM response.

1) Provide justification for Part 80.

Response:

The product is intended to be marketed for Coast Guard and commercial marine applications like ferry boats, ship-to-ship (bridge-to-bridge) communications, onboard ship communications, etc. It will not be marketed through retail channels. A Marine channel table has been added to the Operator's manual (page 11) and is an exhibit of this response.

2) Please explain/show how operator MPE compliance distance will be maintained for typical installations, e.g., distance from antenna to operator seated position, etc.

Response:

The mobile radio product is used in vehicle, Marine, and motorcycle applications. The 63.25 cm (25 inch) distance is maintained by following the instructions presented on page 7 (paragraph 2.2.1) of the Operator's manual (MM102341V1), page 8 of the vehicle installation manual (paragraph 2.2.1; MM102342V1), and page 8 of the motorcycle installation manual (paragraph 2.2.1; MM102343V1; 83.29 cm or 32.8 inches), which state that the antenna is only to be mounted in the middle of the vehicle metal rooftop (or suitable ground plane for Marine applications), or at the end of the

motorcycle mounting bracket; assuring the MPE distance is always maintained between an occupant/user and the antenna.

Figure 6-1 on page 22 (motorcycle installation manual; MM102343V1) shows the motorcycle mount and antenna mounting position on this bracket.

Sincerely,



Daryl Popowitch
Regulatory Manager
Engineering Project Manager

M/A-COM, Inc. – Lynchburg, VA