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From: Mario de Aranzeta
To: Martin Perrine
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FCC Equipment Authorization Branch

Re: FCC ID: MMA70101BD

Applicant: Midland Radio Corporation

Subject: Your Request for additional information

In regards to our recent TCB grant referenced above we kindly reply to your request for additional information.

1) MPE estimation as well as antenna selection and installation instruction. The FCC considers this a mobile unit not fixed and RF exposure needs to be accounted for at certification.

An MPE calculation has been submitted. Antenna selection and installation is now included in the users manual and included as a separate exhibit.

2) Strong and specific justification for operation under part 22 and 74.

This device complies with the FCC rules parts 22 and part 74. A revised test report has been submitted.

3) Justification for emission designators F3E, and F3D. This device appears to only be for data using FSK or GMSK modulation. The FCC believes this device should be F1D. If this unit is for data signals than operation under 90 subpart J is appropriate. Please address all 90 subpart J requirements such as 90.213 (a).

After deliberations with the customer they would like to keep F3E, and change the F3D to F1D. The radio is capable of these modes even though it is not a classic push to talk radio. Midland has a similar radio that was granted in the past with the F3E, F3D emission designation. Justification for Part 90 subpart J is addressed in the revised test report.

4) Clarification for frequency setting. Please provide additional details about the software used for setting the devices frequency. Is this software separate from the user software? Does the user have access to this software? How do the DIP switches relate to the software setting of frequency?

Frequency setting is done by software. The software is not a user item and is used by the factory or authorized service center (two way radio shop) to set these parameters. The DIP switches are also set up by the same software and may/may not allow the user depending on the application (and license) the ability to field select the operating frequency. There is no user software available or provided.