



American TCB

November 9, 2007

RE: FCC ID: E5MDS-ENETL2TU, IC: 101D-ENETL2TU
ATCB005587

Attention: Dennis Ward

Please find the applicant's responses to your comments on this application below:

1. Please note that it is not clear from the documentation if this device can have more than one input signal. If this device can have more than one input, please provide the required intermodulation test data.

[This amplifier was designed only to support the 2watt MDS radio, the ROR220. It was custom designed for the railroads and is intended only to be used with the ROR220 licensed transceiver as a repeater amplifier.](#)

2. In regards to multiple input possibility for this device as mentioned above, please explain if the power out is per channel or composite of all channels.

[I think the answer to question 1 should solve this.](#)

3. Please provide that parts list for this device.

[A parts list has been uploaded, please treat this confidential. A new confidentiality letter has been uploaded to include the BOM.](#)

4. Please provide the MPE report for this device. Alternately, please explain if this device will always be used in a licensed site where MPE is addressed at the time of licensing.

[This power amplifier will have the MPE safety detailed when the licensed 220MHz site antennas are installed. Alternately I did include the maximum MPE on the operating instructions and based this on the maximum gain antenna that we know the railroads will be using. Please see page 2 of the operation document that I previously sent.](#)

5. Please note that as all documentation will be uploaded to the Industry Canada site all documentation will be public view. If confidentiality is desired for Industry Canada, please provide a request for confidentiality addressed to Industry Canada.

[We have uploaded a confidentiality letter for IC.](#)

6. Please note that the label states MDS as the manufacturer, but the IC application form states GE MDS LLC. Please note that the IC company number 101D belongs to GE MICROWAVE DATA SYSTEMS LLC 175 Science Parkway, but the number of the manufacturer shown on the label (Microwave Data Systems) at the same address is 3738A. Please correct the label to reflect the actual IC company number being used for this device or please correct the other documentation to show the correct IC company number for MDS.

This is an Industry Canada issue; I worked with Marianne Bosley at ATCB and Dave Guidotti from Elliott. IC wants to use the new 101D moving forward for all new grants. IC assigned this number.

The IC number is what is licensed, just like the FCC. GE MDS LLC is simply GE Microwave Data Systems, Limited Liability Corp. We still use the brand name recognition of MDS but legally our name had to change and have the GE put in front of it. This is when IC said we need to use the GE IC number of 101D.

Regards,

A handwritten signature in black ink that reads "David W. Bare". The signature is written in a cursive style with a large initial 'D'.

David W. Bare
CTO