ROGERS LABS, INC.

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June 11, 2002

Federal Communications Commission
Equipment Approval Services
P.O. Box 35815
Pittsburgh, PA 15251-3315

Applicant: GE Transportation Systems Global Signaling
2712 South Dillingham Road
GRAIN VALLEY, MO 64029

RE: Request for additional information

Equipment: FCC ID: AJT-12RII-V1A
FCC Rules: Parts 2, 22C, 22E, 74D and 90.

Gentlemen:
A portion of the request is reproduced below.

To: Scot Rogers, null
From: Stan Lyles
slyles@fcc.gov
FCC Application Processing Branch

Re: FCC ID AJT-GS12RII-V1A
Applicant: GE Transportation Systems Global Signaling LLC
Correspondence Reference Number: 23068
731 Confirmation Number: EA363196

1.)) Justification for your certification request of CFR Parts 22 and 74. How and where will the device be used under these Rule Parts. Please specify all rule parts for 22 and 74 used for this device in test report. For example RF Power Output, what rule 22 and 74 was used, Modulation Characteristics, what rule part 22 and 74 was used, Occupied Bandwidth, what rule 22 and 74 was used ect.

2.) Please resubmit a new Users Manual Exhibit 8. There was an error opening this document. The file is damage and could not be repaired

3.) .) Please note that the attenuation requirement for radiated spurious emissions is referenced to the desired signal yielding dBc. The attenuation specification is not XX uV/M, or derived from absolute value of the field strength. The dBc is determined from the substitution method such as described in the ANSI/TIA/EIA-603-A-2001 document.

What is needed is a determination of the actual power levels necessary to reproduce these field strength levels. Those power levels (from a signal generator source and a dipole antenna replacing the EUT) are

then compared to the power output of the transmitter to determine dBc. That is the basis of the "substitution method".

Please submit data / results obtained in this manner.

RESPONSE:

1. The original transmitter (FCC ID AJTH12RT-V) was certified for operation in the part 22, 74, and 90 for operation. This equipment is a repackaging of the Kenwood transmitter, which is now the current model available. The paragraphs of interest would include 22.355, 22.359, 22.561, 22.565, 74.402, 74.461, 74.462, and 74.464, along with applicable paragraphs of part 90. This unit will be used mainly for operation under part 90 in the railroad industry, however there may be occasion requiring licensing under parts 22 and 74.
2. The user manual was uploaded to the web site for review.
3. Testing per TIA/EIA-603-A-2001 has been completed and added to the test report. Please use the 12R2ATstRpt.pdf file for the corrected information and submittal.

Thank you for your help in resolving these issues. Please continue with the grant of certification process.
Scot Rogers
Rogers Labs, Inc.