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06 December 2006

Jim Dietz
LTK Engineering Services
100 W. Butler Avenue
Ambler, PA 19002
jdietz@ieee.org

Re: P1478 - Standard for Environmental Conditions for Transit Rail Car Electronic Equipment

Dear Jim:

I am pleased to inform you that on 06 December 2006 the IEEE-SA Standards Board approved the above referenced project until 31 December 2010. A copy of the file can be found on our website at <http://standards.ieee.org/board/nes/projects/1478.pdf>.

Now that your project has been approved, please forward a roster of participants involved in the development of this project. This request is in accordance with the IEEE-SA Operations Manual, Clause 5.1.2i under Duties of the Sponsor which states:

"Submit annually to the IEEE Standards Department an electronic roster of individuals participating on standards projects"

For your convenience, an Excel spreadsheet for your use has been posted on our website at <http://standards.ieee.org/guides/par/roster.xls>. Please forward this list to me via e-mail at s.hampton@ieee.org no later than 06 March 2007.

Please visit our website, IEEE Standards Development Online (<http://standards.ieee.org/resources/development/index.html>), for tools, forms and training to assist you in the standards development process. Also, we strongly recommend that a copy of your draft be sent to this office for review prior to the final vote by the working group to allow for a quick review by editorial staff before sponsor balloting begins.

If you should have any further questions, please contact me at +1 732 562 6003 or by email at s.hampton@ieee.org.

Sincerely,

Sherry Hampton
Administrator, Governance
Standards Activities
Phone +1 732 562 6003
FAX +1 732 875 0695
Email: s.hampton@ieee.org

CC: lowell.goudge@sympatico.ca

PAR Request Date: 13 October 2006**PAR Approval Date:** 06 December 2006**PAR Signature Page on File:** Yes**Type of PAR:** Revision to IEEE Standard**Status:** Revision to an Existing IEEE Std 1478-2001**Root Project:****1.1 Project No.:** **P1478****1.2 Type of Document:** Standard**1.3 Life Cycle:** Full-Use**1.4 Is this document in ballot now?** No**2.1 Title**

Standard for Environmental Conditions for Transit Rail Car Electronic Equipment

2.1 Amendment/Corrigenda Title**3.1 Working Group Name** [Rail Environmental Group - WG08](#)**Working Group Chair** [Goudge, Lowell](#)
Email: lowell.goudge@sympatico.ca**Working Group Vice Chair****3.2 Sponsor** [IEEE Vehicular Technology Society Rail Transit \(VT/RT\)](#)**Sponsor Chair** [Dietz, Jim](#)
Phone: 215-641-8876
Email: jdietz@ieee.org**Name of Standards Liaison Representative (if applicable)****3.3 Joint Sponsor****4.1 Type of Ballot:** Individual**4.2 Expected Date of Submission for Initial Sponsor Ballot:** September 2007**4.3 Projected Completion Date for Submittal to RevCom:** February 2008**5.1 Approximate number of people expected to work on this project:** 10**5.2 Scope:** This standard specifies baseline environmental conditions under which transit rail car electronic equipment shall both operate and/or survive. Special requirements anticipated for applications that have environmental conditions outside these baseline conditions are neither covered nor intended herein. Environmental conditions include: temperature, humidity, atmospheric pressure, water, corrosive elements, and vibration/shock. These conditions depend upon equipment location such as under car, interior, truck mounted, and carbody mounted.**Old Scope:** This standard specifies baseline environmental conditions under which transit rail car electronic equipment shall both operate and/or survive. Special requirements anticipated for applications that have environmental conditions outside these baseline conditions are neither covered nor intended herein. Environmental conditions include: temperature, humidity, atmospheric pressure, water, corrosive elements, and vibration/shock. These conditions depend upon equipment location such as under car, interior, truck mounted, and carbody mounted.**5.3 Is the completion of this document contingent upon the completion of another document?** No

5.4 Purpose: The purpose of the standard is to provide a baseline for contract specifications, design and manufacture of electronic equipment to be supplied for transit rail cars to eliminate unnecessary variability in specifications, allowing manufacturers to provide consistent product lines that can meet the needs of the industry, save costs and improve reliability.

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5.5 Need for the Project: In the course of the first five-year period of use of the standard, we have received several comments from one of the entities using the standard. The comments deserve technical review and revision.

5.6 Stakeholders for the Standard: Rail transit industry, e.g., subway systems, light-rail system and commuter-rail systems throughout the U.S.

6.1.a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR prior to the PAR submittal to the IEEE-SA Standards Board? Yes **Presented Date:** 2006-10-12

If no, please explain:

6.1.b. Is the Sponsor aware of any copyright permissions needed for this project? No

If yes, please explain:

6.1.c. Is the Sponsor aware of possible registration activity related to this project? No

If yes, please explain:

7.1 Are there other standards or projects with a similar scope? No

If yes, please explain:

Sponsor Organization:

Project/Standard Number:

Project/Standard Date: 0000-00-00

Project/Standard Title:

7.2 Is there potential for this standard (in part or in whole) to be adopted by another national, regional, or international organization? ? Do not know at this time

Technical Committee Name and Number:

Contact person:

Contact person Phone Number:

Contact person Email Address:

7.3 Will this project result in any health, safety, security, or environmental guidance that affects or applies to human health or safety? No

7.4 Additional Explanatory Notes:

There are no changes to the original scope and purpose.

8.1 Sponsor Information:

Is the Scope of this project within the approved scope/definition of the Sponsor's Charter? Yes

If no, please explain: