

Jodi Haasz

12/16/2004 02:04 PM

To: hbanning@wlgore.com
cc: DDroste@DRS-TEM.com, mjs@sysintech.com, orlidge@aaicorp.com
Subject: Final Approval of P1505

16 December 2004

Harmon Banning
W. L. Gore & Associates
750 Ott's Chapel Road750 Ott's Chap
Newark, DE 19714-8038

Re: P1505 - Standard for Receiver Fixture Interface

Dear Harmon:

I am pleased to inform you that on 08 December 2004 the IEEE-SA Standards Board approved the above referenced project until 31 December 2008. A copy of the file can be found on our website at <http://standards.ieee.org/board/nes/projects/1505.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 j.haasz@ieee.org no later than 8 March 2005.

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 732-562-6367 or by email at j.haasz@ieee.org.

Sincerely,

Jodi Haasz
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Standards Activities
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PAR FORM

PAR Status: New PAR

PAR Approval Date: 2004-12-08

PAR Signature Page on File: Yes

1. Assigned Project Number: 1505

2. Sponsor Date of Request: 2004-08-24

3. Type of Document: Standard for

4. Title of Document:

Draft: Standard for Receiver Fixture Interface

5. Life Cycle: Full-Use

6. Type of Project:

6a. Is this an update to an existing PAR? No

6b. The Project is a: New Standard

7. Working Group Information:

Name of Working Group: Hardware Interfaces

Approximate Number of Expected Working Group Members:30+

8. Contact information for Working Group Chair:

Name of Working Group Chair: David B Droste

Telephone: 256-895-3031 **FAX:** 256-895-2222

Email: DDroste@DRS-TEM.com

9. Contact information for Co-Chair/Official Reporter, Project Editor or Document Custodian if different from the Working Group Chair:

Name of Co-Chair/Official Reporter, Project Editor or Document Custodian: Michael Stora

Telephone: 973-299-8321 **FAX:** 973-299-9757

Email: mjs@sysintech.com

10. Contact information for Sponsoring Society or Standards Coordinating Committee:

Name of Sponsoring Society and Committee: Instrumentation and Measurement Society TC5 - Connectors

Name of Sponsoring Committee Chair: Harmon Banning

Telephone: 302-368-3700 **FAX:** 302-292-5270

Email: hbanning@wlgore.com

Name of Liaison Rep. (if different from the Sponsor Chair):

Telephone: **FAX:**

Email:

Name of Co-Sponsoring Society and Committee: SCC20-Test and Diagnosis for Electric Systems

Name of Co-Sponsoring Committee Chair: Leslie Orlidge

Telephone: 410-628-6634 **FAX:** 410-628-3968

Email: orlidge@aaicorp.com

Name of Liaison Rep. (if different from the Sponsor Chair):

Telephone: **FAX:**

Email:

11. The Type of ballot is: Individual Sponsor Ballot

Expected Date of Submission for Initial Sponsor Ballot: 2005-03-01

12. Fill in Projected Completion Date for Submittal to RevCom: 2005-12-01

Explanation for Modified PAR that completion date is being extended past the original four-year life of the PAR:

13. Scope of Proposed Project:

The scope of this document is the development of a common Receiver/Fixture Interface specification that is based upon available commercial standards integrated under a common "open" architecture. This mechanical/electrical interface is intended to serve government/commercial interest for applications in test, system integration, manufacturing, monitoring and other functional requirements, that demand large contact densities and quick-disconnect mechanical operation. A joint technical forum has been operational since 1997 under the auspices IEEE-P1505 RFI Working Group, and a recently formed industry/government Common Test Interface (CTI) Working Group.

Is the completion of this document contingent upon the completion of another document? No

14. Purpose of Proposed Project:

The primary objectives are: a) to establish interface standards that permit interchangeability of mechanical/electrical receiver/fixture/connector product assemblies from various manufacturers under an "open architecture"; and b) to develop within this framework a defined set(s) of interconnecting connector and mechanical specifications that supports available, accepted, low- cost commercial technology to reduced dependence on proprietary designs, and extend life-cycle availability. Technical requirements identified by government and industry include maximum flexibility, scalability, and range of application.

14a. Reason for the standardization project:

The reason for this project is to provide government, aerospace and industry electronic system users with a common test interface architecture from multiple vendors to satisfy "open" competitive, interchangeable solution requirements,. The target audience for this standard are Automatic Test System manufacturers and users; such as ATTI, DRS, Lucent Technologies, Dynalab, Flextronics, Instrument Engineering, Teradyne, Agilent, Northrop Grumman, Symtec, Lockheed Martin, Boeing, SEI, US Government Agencies, MAC Panel, Virginia Panel, National Instruments, Racal Dana, Rockwell, etc.

15. Intellectual Property:

Has the sponsor reviewed the IEEE patent policy with the working group? Yes

Is the sponsor aware of copyrights relevant to this project? No

Is the sponsor aware of trademarks relevant to this project? No

Is the sponsor aware of possible registration of objects or numbers due to this project? No

16. Are there other documents or projects with a similar scope? No**Similar Scope Project Information:****17. Is there potential for this document (in part or in whole) to be adopted by another national , regional or international organization?** Do not know at this time

If yes, please answer the following questions:

Which International Organization/Committee?

**International Contact
Information?**

18. If the project will result in any health, safety, or environmental guidance that affects or applies to human health or safety, please explain in five sentences or less.**19. Additional Explanatory Notes: (Item Number and Explanation)**

This PAR is to replace an existing PAR that will be withdrawn due to the current PAR expiring at the end of the year. Delay in balloting the current PAR is attributed to on-going refinements of the specification by recent government and aerospace participants who have adopted the standard for their use. These refinements include an extension to the Standard of a Common Test Interface (CTI) Specification, Section 7, that dictates a more specific set of connectors and pin map configuration requirements for their respective use. Although the CTI specification is not mandatory for the general industry, it does provide clear guidance where the user wishes to apply it. A copy of the current draft standard may be found on the SCC-20 Website: <http://grouper.ieee.org/groups/scc20/>.