

[Email This Letter](#)

10 November 2005

Elliot Sloane
Villanova University
800 Lancaster Avenue
Villanova, PA 19085
ebsloane@villanova.edu

Re: P1073.3.4 - Health informatics - Point-of-care medical device communication -
Transport profile - Inter-LAN

Dear Elliot:

I am pleased to inform you that on 10 November 2005 the IEEE-SA Standards Board approved the above referenced project until 31 December 2009. A copy of the file can be found on our website at <http://standards.ieee.org/board/nes/projects/1073-3-4.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 08 February 2006.

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
Program Manager
International Stds Programs and Governance
Standards Activities
Phone +1 732 562 6367
FAX +1 732 875 0695
Email: j.haasz@ieee.org

CC: stan.wiley@draeger.com, t.cooper@ieee.org

PAR FORM

PAR Status: New PAR

PAR Approval Date: 10 November 2005

PAR Signature Page on File: Yes

1. Assigned Project Number: P1073.3.4

2. Sponsor Date of Request: 2005-08-12

3. Type of Document: Standard for

4. Title of Document:

Draft: Health informatics - Point-of-care medical device communication - Transport profile - Inter-LAN

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: IEEE EMBS 1073

Approximate Number of Expected Working Group Members:25

8. Contact information for Working Group Chair:

Name of Working Group Chair: Stan Wiley

Telephone: +1 978 907 7761 **FAX:** +1 978 907 6489

Email: stan.wiley@draeger.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: Todd H Cooper

Telephone: 858-484-8231 **FAX:** 858.538-6256

Email: t.cooper@ieee.org

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

Name of Sponsoring Society and Committee: IEEE Engineering in Medicine and Biology Society 1073 Committee

Name of Sponsoring Committee Chair: Elliot Sloane

Telephone: 610-519-6432 **FAX:** 610-519-5015

Email: ebsloane@villanova.edu

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

Telephone: **FAX:**

Email:

Name of Co-Sponsoring Society and Committee:

Name of Co-Sponsoring Committee Chair:

Telephone: FAX:

Email:

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: August 2006

12. Projected Completion Date for Submittal to RevCom: August 2007

Target Extension Request Information for a Modified PAR whose completion date is being extended past the original four-year life of the PAR:

13. Scope of Proposed Project:

This project focuses on the application of primarily Internet Protocol (IP) and Ethernet (IEEE 802.3) technologies for use in medical device communication. While the scope is primarily Transport-to-Physical Layer methods, significant upper-layer methods such as obtaining IP addresses, discovering servers/services, [near]real-time message delivery, and virtual network management will be included.

Is the completion of this document contingent upon the completion of another document?

No

14. Purpose of Proposed Project:

The purpose of this standard is to define a comprehensive set of protocols and services consistent with the IEEE 1073, IEEE 802, and Internet Protocol architectures for common use by medical devices in LAN and embedded LAN operating contexts, including bridging with related methods such as RF Wireless. By providing this standard, the design goal of ISO/IEEE 11073 standards to provide real-time plug-and-play interoperability shall be significantly enhanced when LAN technologies are being utilized.

15. Reason for the Proposed Project:

Widespread usage of IP/Ethernet technologies exists by medical devices, ranging from enterprise to department to care unit to embedded point of care topologies, but efficient integration is limited by insufficient standardization through the Application layer in time-critical data communication contexts. Key stakeholders include medical device and system developers who are incorporating LAN technologies, as well as those who deploy and manage these systems in healthcare environments.

16. Intellectual Property:

a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR? Yes 2005-01-22

- b. Is the sponsor aware of copyright permissions needed for this project?** No
- c. Is the sponsor aware of trademarks that apply to this project?** No
- d. Is the sponsor aware of possible registration activity related to this project?** No

17. Are there other documents or projects with a similar scope? No

Similar Scope Project Information:

18. Is there potential for this document (in part or in whole) to be adopted by another national , regional or international organization? Yes

If yes, the following questions must be answered:

Organization Name? ISO TC215 WG7

Technical

Committee

International Todd H Cooper

Contact Breakthrough Solutions

Information? 15058 Midland Road
Poway, CA 92064-2974
t.cooper@ieee.org

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

If yes, please explain:

20. Sponsor Information

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

If no, please explain:

b. The Sponsor's procedures have been accepted by the IEEE-SA Standards Board Audit Committee? Yes

21. Additional Explanatory Notes: (Item Number and Explanation)

The establishment of liaison relationships between the IEEE EMBS 1073 working group and IEEE 802 would facilitate coordination between related standardization activities. Additionally, evaluation of related IETF RFCs should be pursued to ensure harmonization and eliminate duplicative effort.